



Renewable  
Heating & Cooling

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European Technology and Innovation Platform

Final document on the financing strategy  
for the RHC sector

Deliverable 4.5

WP4 - RD&I framework for the RHC-sector

T4.2 Financing research and innovation

Grant agreement: 825998

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## ABBREVIATIONS

**EU:** European Union

**HC:** Heating and cooling

**MS :** Member State(s)

**RD&I:** Research, development and innovation

**RES:** Renewable Energy Sources

**RHC:** Renewable Heating and Cooling

**RHC ETIP:** European Technology and Innovation Platform on Renewable Heating and Cooling

**TRL:** Technology Readiness Level

## PARTNERS

**EUREC:** the Association of European Renewable Energy Research Centres

**Bioenergy Europe:** (formerly known as AEBIOM)

**EGEC:** European Energy Council

**EHP:** Euroheat & Power

**SolarHeat Europe:** (formerly known as ESTIF)

**EHPA:** European Heat Pump Association

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### 1. INTRODUCTION

Europe's heating and cooling sector is currently facing two key challenges simultaneously. It has a large dependency on third countries that puts its energy supply at risk, exposes consumers to price hikes and comes at a geopolitical cost, as the Ukrainian crisis has shown. At the same time, the thermal sector is overly dependent on fossil fuels, making it the highest source of GHG emissions in the EU.

This document aims to give an overview of the current state of funding for RHC innovation in Europe. The reasoning being that it is necessary to have a full picture of the tools that are currently available and views from practitioners on them in order to develop strategies to speed up decarbonisation in the HC sector and reduce the overreliance on imported fuels in line with the recent [REPowerEU](#) Communication of the European Commission. The state of RHC innovation in Europe is presented in this report as two main elements.

Firstly, it **presents factsheets providing an inventory of funding instruments for innovative RHC**. The inventory covers primarily public EU and national funding, such as grants, loans, guarantees, support schemes and tax incentives. To a limited extent, the factsheets also present a few private funding schemes provided by foundations, banks and other lenders. These funding instruments are summarised in section 2 and then in full detail as factsheets as follows:

- Annex I presents the inventory's structure, listing the name and type of instrument for each RHC funding instrument covered;
- Annex II presents the full factsheets for EU funding instruments, as well as for each of the 27 EU Member States + the UK.

It is out of the scope of this document to make a full analysis and draw conclusions from over 200 funding instruments that are presented, but it offers interested parties (e.g. policy-makers and researchers) the possibility to compare resources and instruments across EU countries.

The second element presented in this document are the **results of two surveys**:

- **1<sup>st</sup> survey**: a dedicated survey on R&I funding instruments that was carried out among energy experts from the RHC sector and project managers in early 2022. The survey helps to identify gaps and good practices in RHC funding to provide recommendations for the development of instruments for R&D funding and to get innovative RHC technologies to market.
- **2<sup>nd</sup> survey**: a survey that was carried out in February and March 2021 by RHC-ETIP to consult stakeholders on the implementation status of the RHC Strategic Research and Innovation Agenda's priorities (SRIA). Part of the survey dealt with barriers to RHC deployment and RD&I funding.

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The aims of this document are twofold. First, to offer a full overview of RHC funding instruments related to RD&I that may be of use for project managers, policy makers and any party interested in knowing what is available at the time of publication. Second, to present the feedback of energy experts on RHC funding instruments through policy recommendations for decision-makers and researchers working on the design and operation of these instruments.

This document contributes to the preparation of a comprehensive strategy to finance research and innovation for the RHC sector in Europe, with the aim to support the full decarbonisation of the thermal sector. The preparation was carried out by the European Technology and Innovation Platform on Renewable Heating and Cooling ([RHC-ETIP](#)) that integrates the European Strategic Energy Technology ([SET](#)) Plan, supported by the European Commission and integrated by EU Member State representatives. The preparation of this document is laid out in the RHC-ETIP's grant agreement for 2018-2021 under Task 4.2 "Financing research and innovation" within the Work Package 4 on "RD&I framework for the RHC-sector".

## 2. INVENTORY OF FUNDING INSTRUMENTS

This section describes the design, features and methodology of the inventory of funding instruments that is presented in annexes I and II. It also covers a few quantitative observations on the RHC funding instruments, such as variations across countries on how they support their RHC sector. It is out of the scope of this report to draw specific conclusions. Instead, the authors of this report encourage interested researchers to use this tool as a starting point to make their own analysis on funding gaps and the reforms that are needed.

### 2.1. SCOPE

The funding instruments considered include:

- Grants from public and private organisations, including the EU, national and regional authorities, foundations and NGOs
- Equity funds from public authorities (both at EU and national level) and major financial institutions
- Financial schemes supported by public organisations and major financial institutions, including loans and guarantees
- Subsidies and support schemes to individuals or companies (e.g. tax deductions and fiscal incentives)

The country factsheets list funding instruments for innovative RHC and other enabling technologies such as district heating and building insulation. The programmes presented focus on funding for the building and industrial sectors, where Europe's thermal energy need is.

### 2.2 STAKEHOLDERS

Stakeholders considered in the mapping exercise are generally funding authorities, including the following:

- EU institutions, agencies and associated organisms (e.g. European Commission, CINEA, EIB)
- National institutions, research and energy national agencies (e.g. ministries and delegated agencies/institutes managing funds)



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- Regional institutions, as well as regional research and energy agencies (for federal states)
- Foundations, philanthropic organisations and other non-profits.

## 2.3 GEOGRAPHICAL COVERAGE

The mapping exercise takes into consideration relevant funding instruments in the highest possible number of MS. This resulted in the mapping of all 27 EU MS, the UK and EU-wide instruments, subdivided into 29 sections. In the country sections, most financial instruments have national coverage (e.g. country-wide subsidy for home renovation), although there are also a few regional programmes in this document.

A wide range of EU funding instruments is presented in the factsheets, covering both the financial framework of 2014-2020 and 2021-2027. Some of these funds and programmes are under direct EU management (i.e. controlled by the European Commission or delegated to a relevant EU agency) and others under shared management (i.e. controlled by the European Commission and MS/regional authorities).

## 2.4 METHODOLOGY AND PARTNER ROLES

This document updates factsheets of the previously published deliverable 4.2 on [Inventory of funding instruments](#), adding RHC funding instruments for 11 more EU MS and updating the ones previously included.

Information has been gathered through desk research, as well as by consulting associations' members, national stakeholders and managing authorities. All partners in this project have contributed towards the desk research and preparation of the fiches, via 2 rounds of country submissions in 2020 and 2021. In early 2022, EUREC has gathered the information and filled missing countries to draft this report.

A few limitations had to be considered. While the contributors collectively cover most European languages, where this was not the case, efforts were made to contact national public officials and experts. Efforts were made to collect up to date information from running programmes, although the landscape is changing fast and some calls may not be running, while others may have changed overtime (with increased budget in several cases).

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### 2.5 OBSERVATIONS ON RHC FUNDING INSTRUMENTS

It is not possible to make a full analysis of the factsheets and compare countries due to missing data of some instruments (e.g. budgets and/or timeframes). Nonetheless, it is possible to make a few observations on the quantity and types of support given.

Table 1 shows the number of funding instruments per country (including instruments on the EU level), as well as the breakdown of instruments according to the type. Some funding instruments provide multiple types of funding, hence the number of different types of funding not always corresponds to the “Estimated No of funding instruments”.

According to the mapping, nearly all countries evaluated support RHC through grants, this being the most prevalent instrument by a good margin in numerical terms. Generally, grants are either for R&D in the RHC sector, or to support the deployment of innovative RHC technologies.

Over half of the countries surveyed have preferential loan programmes and subsidy schemes like green premiums and feed-in tariffs. These tools benefit a large range of actors, including homeowners, SMEs and large companies for investing, producing and consuming RHC.

Few countries seem to provide support for RHC as guarantees and equity, what may be considered a gap in RHC funding for start-ups and other companies. Some countries also use “other” instruments, which usually covers fiscal advantages for RHC equipment and services, as well as tax reductions on properties linked to the projects.

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| Country            | N° of funding instruments | Grant     | Loan      | Guarantee | Equity   | Subsidy   | Other     |
|--------------------|---------------------------|-----------|-----------|-----------|----------|-----------|-----------|
| EU                 | 33                        | 19        | 6         | 2         | 4        | 1         | 2         |
| Austria            | 14                        | 13        | 1         | 0         | 0        | 2         | 0         |
| Belgium            | 11                        | 2         | 3         | 2         | 0        | 9         | 1         |
| Bulgaria           | 3                         | 2         | 0         | 0         | 0        | 0         | 1         |
| Croatia            | 3                         | 1         | 1         | 0         | 0        | 1         | 0         |
| Cyprus             | 4                         | 1         | 0         | 0         | 0        | 2         | 1         |
| Czechia            | 2                         | 1         | 0         | 0         | 0        | 1         | 0         |
| Denmark            | 5                         | 0         | 1         | 0         | 0        | 1         | 3         |
| Estonia            | 6                         | 3         | 4         | 0         | 0        | 0         | 1         |
| Finland            | 7                         | 7         | 0         | 0         | 0        | 0         | 0         |
| France             | 5                         | 2         | 2         | 1         | 1        | 2         | 3         |
| Germany            | 18                        | 7         | 3         | 0         | 1        | 6         | 4         |
| Greece             | 2                         | 0         | 0         | 0         | 0        | 2         | 0         |
| Hungary            | 6                         | 2         | 3         | 0         | 0        | 1         | 0         |
| Ireland            | 5                         | 4         | 0         | 0         | 0        | 1         | 1         |
| Italy              | 5                         | 2         | 2         | 1         | 0        | 0         | 1         |
| Latvia             | 3                         | 1         | 0         | 0         | 0        | 0         | 2         |
| Lithuania          | 12                        | 5         | 2         | 1         | 0        | 4         | 1         |
| Luxembourg         | 4                         | 2         | 2         | 0         | 0        | 0         | 0         |
| Malta              | 5                         | 5         | 0         | 0         | 0        | 0         | 0         |
| Netherlands        | 6                         | 0         | 0         | 0         | 0        | 5         | 1         |
| Poland             | 4                         | 0         | 2         | 0         | 0        | 2         | 1         |
| Portugal           | 5                         | 5         | 0         | 0         | 0        | 0         | 0         |
| Romania            | 3                         | 0         | 0         | 0         | 0        | 2         | 1         |
| Slovakia           | 3                         | 2         | 1         | 0         | 0        | 1         | 0         |
| Slovenia           | 2                         | 2         | 0         | 0         | 0        | 0         | 0         |
| Spain              | 2                         | 0         | 0         | 0         | 0        | 0         | 2         |
| Sweden             | 2                         | 1         | 0         | 0         | 0        | 0         | 1         |
| UK                 | 8                         | 7         | 2         | 0         | 0        | 0         | 1         |
| <b>Total n° of</b> | <b>188</b>                | <b>96</b> | <b>35</b> | <b>7</b>  | <b>6</b> | <b>43</b> | <b>28</b> |

Table 1 - Overview of number and type of funding instruments

### 3. POLICY RECOMMENDATIONS ON H&C FUNDING INSTRUMENTS

As the demand for domestically produced RHC increases, it becomes ever more important to rethink funding instruments to develop and support innovations in the sector. For this reason, RHC experts from across Europe were contacted and requested to reply to a dedicated survey to feed their recommendations into this report. The survey was published on 14.01.2022 and it had 49 responses by early April 2022. Its title is “Survey on access and availability of EU funding for renewable heating and cooling”. A link to the survey questions can be accessed [here](#).

A second survey was created in February 2021 by RHC-ETIP to consult stakeholders on the implementation status of the RHC [Strategic Research and Innovation Agenda’s priorities](#) (SRIA). A priority of this survey was to “identify the RD&I trends among the stakeholders active in RHC sectors”. There were several questions on funding opportunities and priorities, as funding instruments are important for the implementation of the RHC-ETIP’s Strategic Research & Innovation Agenda (SRIA).

This chapter will sum up the key findings from both surveys, with the aim to extract the main challenges and recommendations from practitioners receiving RHC funding for RD&I and other activities. A first section will give an idea of who the respondents are, including their field of work, RHC priorities and their experience with external funding. The second section will focus on barriers and recommendations to support RHC funding instruments.

#### 3.1 Survey participants and their experience with EU subsidies for RHC

##### **Dedicated survey of January 2022**

The survey had 49 responses from energy and project experts, with almost 2/3 of respondents answering on behalf of an institution or company, just over 1/3 replying as individuals. Nearly 45% of respondents work in the business sector, while over half are active in academia and research organisations (See figure 1). There were responses from 20 countries: 18 EU member states, Turkey and the Ukraine. The countries with the most respondents were Italy with 9, Austria and Greece with 5, Germany and Spain with 4. Nearly 90% of respondents had at least 5 years of experience managing projects.

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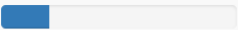
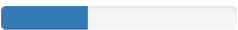

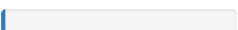
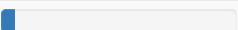
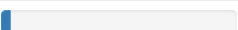
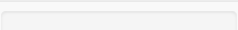
|                               |  | Answers | Ratio   |
|-------------------------------|--|---------|---------|
| Academia                      |  | 10      | 20.41 % |
| Research organisation         |  | 18      | 36.73 % |
| Business                      |  | 22      | 44.90 % |
| Public authority              |  | 1       | 2.04 %  |
| Non-Governmental Organisation |  | 3       | 6.12 %  |
| Other                         |  | 2       | 4.08 %  |
| No Answer                     |  | 0       | 0.00 %  |

Figure 1 - What is your core activity?

Around 70% of respondents relied on EU funding for 5% or more of their total budget and around 64% of them also financed 5% or more of their R&D with EU money (see Figure 2)

10. What is the average annual share of EU funding in the total budget of your Company/organisation/department?

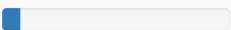
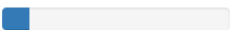
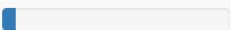
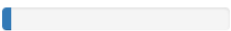
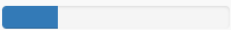
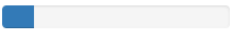
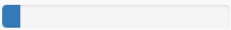
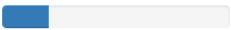
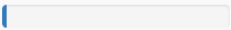
|                |  | Answers | Ratio   |
|----------------|--|---------|---------|
| At least 70%   |  | 4       | 8.16 %  |
| Around 50%     |  | 6       | 12.24 % |
| Around 30%     |  | 3       | 6.12 %  |
| Around 25%     |  | 2       | 4.08 %  |
| Around 10%     |  | 12      | 24.49 % |
| Around 5%      |  | 7       | 14.29 % |
| Less than 1%   |  | 4       | 8.16 %  |
| Not applicable |  | 10      | 20.41 % |
| No Answer      |  | 1       | 2.04 %  |

Figure 2 - Share of EU funding in organisation's total budget (left) and in its R&D budget (right)

To put EU funding in perspective, respondents were also asked to mention what external sources of funding they receive. Over 60% of them answered that they benefit from national funds, followed by 49% getting EU grants and 39% receiving private finance. None of the respondents had received EU loans and only 1 got funding from foundations or philanthropic organisations (see Figure 3).

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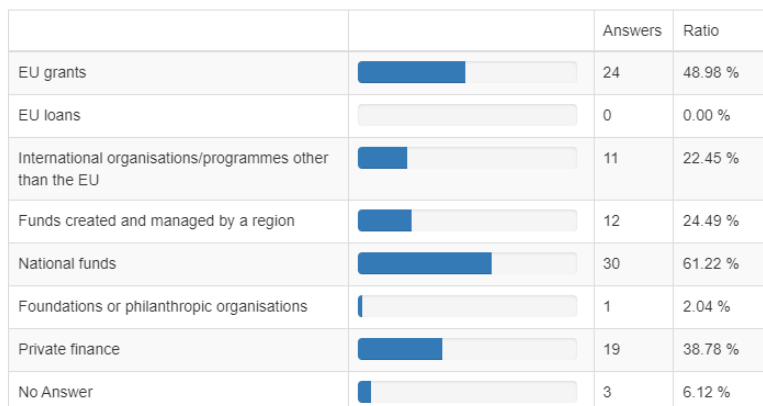


Figure 3 - Main sources of funding (other than your own) that an organisation has received over the past 3 years

The survey asked participants questions on the types and levels of EU funding that they have received in the past. Almost 60% of respondents had received Horizon 2020 support for projects related to H&C, while the remaining 40% had not. Participants also said that they had benefited from other EU programmes linked directly or indirectly to H&C, including: LIFE, ERDF, INTERREG, ERA-NET, NER 300, ERASMUS+ and KICK. Respondents were also asked what priorities were carried out with this funding and almost half said that it covered R&I and 1/3 used each of the following: developing products-services; knowledge exchange; deploying RHC infrastructure (see Figure 4).

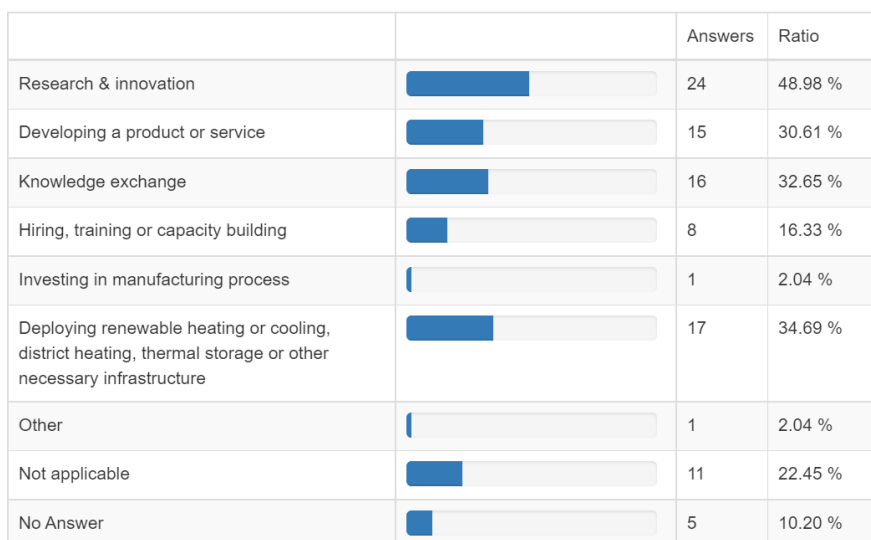


Figure 4 – Application of EU funding by surveyed respondents

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

### Survey of February 2021

The 2<sup>nd</sup> survey had 94 respondents from 22 EU countries, with most answers from Germany (16), Italy (13) and Spain (8). Participants characterised their areas of activity within RHC sectors as follows:

Indicate under which horizontal RHC sector(s) would you categorise your activities (you can choose more than one):



Indicate which of the following RHC technologies are you working with (you can choose more than one):

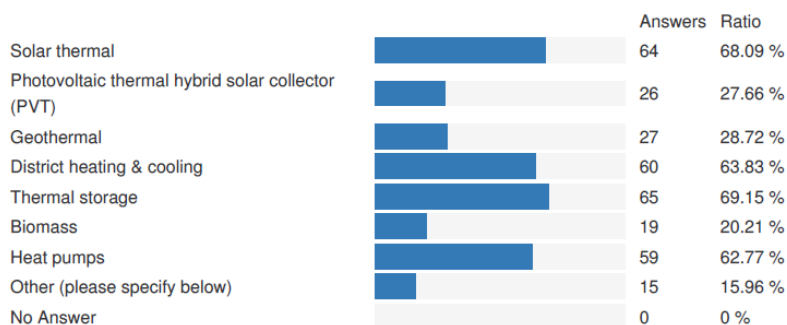


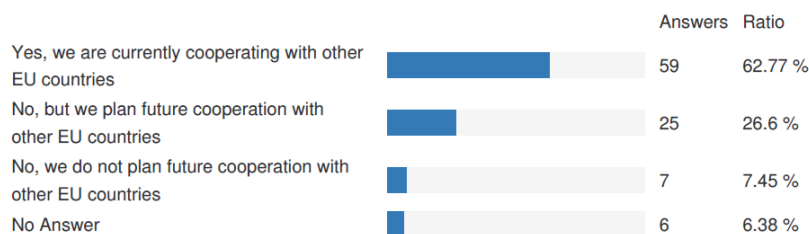
Figure 5 – Coverage of horizontal sectors and RHC technologies by surveyed participants

European cooperation and EU policy developments are important for most people surveyed. Over 70% of respondents follow EU policy developments and 57% consider that EU policy affects their research activities. The links across EU RD&I in RHC are strong, with 62% of people replying that they either cooperate or plan to do so (see figure 6)

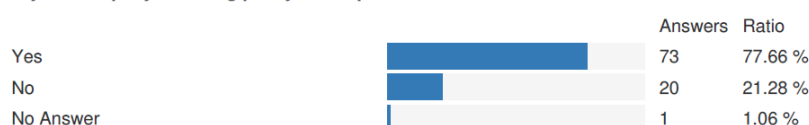
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## European Technology and Innovation Platform on Renewable Heating and Cooling

### Are you currently / do you plan future RD&I cooperation with other EU countries?



### Is your company following policy developments at the EU level?



### Is EU policy affecting your company's RD&I activities?



Figure 6 – EU-level RD&I cooperation and EU policy relevance for surveyed RHC stakeholders

Roughly half of the surveyed organisations have invested at least 10% or more of the annual revenue on RHC RD&I, demonstrating that it is an important part of their activities. Moreover, 23% has spent over 40% of their revenue on RHC RD&I (see figure 7)

### What percentage of your entity's revenue goes towards RD&I activities in the area of renewable heating and cooling on an annual basis?

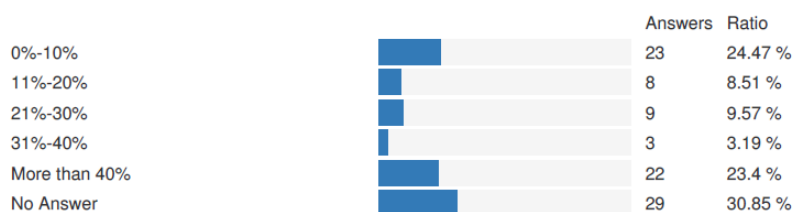


Figure 7 - Share of revenue spent on RHC RD&I



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## European Technology and Innovation Platform on Renewable Heating and Cooling

Respondents use a wide variety of sources to fund their RHC RD&I activities, with around 40% of them receiving non-reimbursable grants from the EU and from national governments. To a lesser extent, they also use equity and regional grants (see figure 8).

Which of the following sources of funding have your company used for its internal RHC RD&I activities?

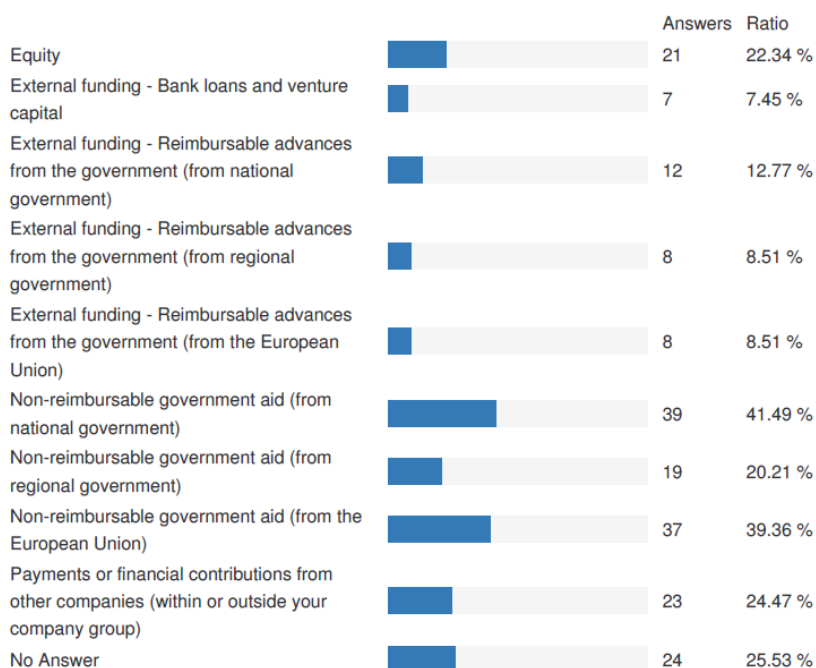


Figure 8 - Sources of funding used to finance RHC RD&I

There is a fairly even focus research across different TRLs. Half of respondents work on TRLs 4-5 and 6-7, around a third work on TRLs 0-3 and 8-9 (see figure 9). In terms of the RD&I activity focus, 60% of respondents work on improving existing products/processes/services as well as on developing new ones. Addressing environmental issues is also an important issue with 37% of respondents working on it (see figure 10).

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## European Technology and Innovation Platform on Renewable Heating and Cooling

### At what TRL were your RHC RD&I activities conducted in 2020?

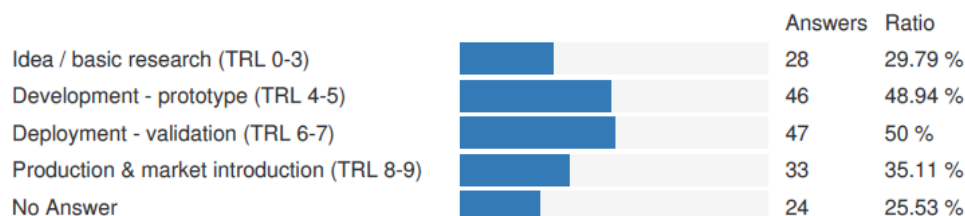


Figure 9 - TRL focus

### What overarching objective do your RHC RD&I activities have? (select all that apply)

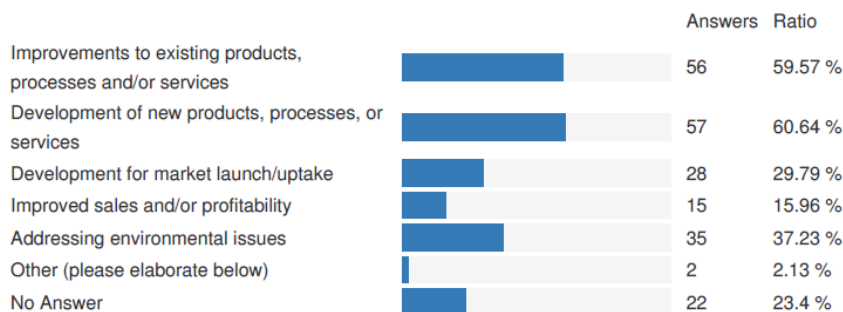


Figure 10 - Overarching objectives of RHC RD&I activities

To sum up this section, most of the surveyed respondents specialise in RHC technologies and perform RD&I activities linked to RHC. For the most part, they have experience working with external funding to support their research activities, predominantly from European and national programmes, as well as sub-national funding and public finance.

## 3.2 Barriers and policy recommendations

### Dedicated survey of January 2022

For barriers and recommendations, the dedicated survey for this report of January 2022 asked both multiple choice and open questions to get quantitative and qualitative answers from respondents.

The 3 top **challenges** identified by respondents were “Complexity and length of the application” chosen by 57% of respondents, followed by lack of calls at 49% and an internal “Lack of staff with experience in filling out applications” at 42%. The most voted responses focused on insufficient RHC calls and the complexity of applications, while votes were lower for issues related to co-financing rates, difficulties forming consortia or changes in rules of certain programmes (see Figure 11).

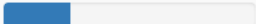
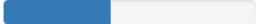








|  |   | Answers | Ratio   |
|--|---|---------|---------|
| Administrative burden and transparency   |   | 13      | 26.53 % |
| Lack of staff with experience in filling out applications  |   | 21      | 42.86 % |
| Complexity and length of the application   |   | 28      | 57.14 % |
| Changing rules, procedures, and indicators, but also institutions managing the grants  |    | 8       | 16.33 % |
| Difficulty to find project partners  |   | 8       | 16.33 % |
| Difficulty to build a project consortium   |  | 14      | 28.57 % |
| The design of the calls does not always match the necessities of the EU heating and cooling sector                           |  | 24      | 48.98 % |
| The text of the calls might not be clear or might not reflect the concrete needs of the renewable heating and cooling sector |  | 18      | 36.73 % |
| Co-financing requirements are high   |  | 11      | 22.45 % |
| No significant challenges/barriers were encountered  |  | 2       | 4.08 %  |
| No Answer  |   | 0       | 0.00 %  |

Figure 11 - Main challenges/barriers experienced when applying for EU funding

Feedback on barriers related to EU calls highlighted the lack of RHC calls, particularly for integrated multi-technology approaches, and the complexity of the application process. A selection of comments can be seen below:

- “Overall funding budget for RHC is very low”;
- “Very “crowded” calls”;
- “in H2020 project the signature for an amendment took 2 years”;

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## European Technology and Innovation Platform on Renewable Heating and Cooling

- “calls often demanding very large development steps (more than one TRL)”;
- “lack of competence from local authorities managing these funding”;
- “Involvement of authorities as most of the heating systems are state owned”;
- “Too much focus on technologies, too little on regulatory and economic conditions for facilitating deployment”;
- “Difficulty in finding project developers for 'Innovation Fund' projects”;
- “Missing multi technology & energy carrier approach in heating.”

Respondents were asked to vote on their preferred **solutions** to solve the EU's RHC funding barriers. Almost 2/3 of them asked to have more dedicated RHC calls, 53% asked to simplify application procedures and 45% asked for clearer guidelines and more staff giving assistance (see Figure 12).


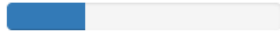
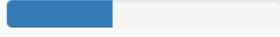

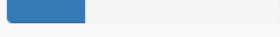
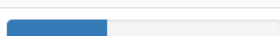
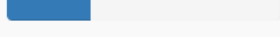

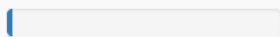
|   |  | Answers | Ratio   |
|---|--|---------|---------|
| Minimise the administrative processes and simplify the application procedures for funding   |    | 26      | 53.06 % |
| Better communication and dissemination of information on the upcoming EU funding calls  |   | 14      | 28.57 % |
| Streamline and harmonise the application forms  |  | 19      | 38.78 % |
| Clear guidelines and more dedicated staff to provide assistance   |  | 22      | 44.90 % |
| The review and evaluation of project proposals must be enhanced with more experts in renewable and cooling sector   |  | 14      | 28.57 % |
| Having more two-stage application processes   |  | 18      | 36.73 % |
| Ensure better collaboration between the European Commission's services and European Technology and Innovation Platforms (ETIPs)                                 |  | 15      | 30.61 % |
| Have more specific calls that address the needs of the renewable heating and cooling sector and not mixing these with proposals on power generation/consumption |  | 32      | 65.31 % |
| No Answer   |  | 1       | 2.04 %  |

Figure 12 - Best solutions to tackle RHC funding barriers

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## European Technology and Innovation Platform on Renewable Heating and Cooling

Below is a selection of feedback including proposed solutions to overcome barriers to receive EU funding:

- “More budget for renewable, less budget for fossils, nuclear and also hydrogen”
- “Shorten decision periods”
- “Increase the funding rate in Horizon Europe for innovation Actions and in the Life programme for market uptake projects.”
- “Introduce cascade funding by allowing more proposals to get funded, while introducing strict review (go/no-go) procedures during implementation; today 80%-95% of the proposals are rejected (some excellent among them), while >90% (?) of the approved proposals are 'successfully' completed. Both rates should be substantially reduced.”
- “Focus on heating and cooling supply for example of cities and not on single technologies for heating and cooling; more funding for large scale implementation/demonstration projects”
- “A more pragmatic funding approach would be inspired by the style of funding found in the venture capital industry: smaller funding batches, distributed at regular intervals (milestones) when the targets have been reached by the project team... This would have two consequences: it would be easier to start a project, and funding authorities would have a better control of projects.”

Respondents were also asked in an open-ended question to compare EU funding for RHC with funds from national and regional programmes (excluding EU regional funds), philanthropic organisations, foundations, and international organisations (excluding EU). One quarter of all respondents gave answers focusing mainly on national and regional funding for RHC. There were several positive views on national instruments: “better chance to get funded”; “more cost efficient and transparent”; “more open to different technologies”; “national funds are easier to handle”. Others were more critical of national instruments: “more complicated administrative procedures”; “too little budget for RHC”; “Have not found any”. These variations and at times opposing replies can be explained by the varying design, focus and availability of national-regional RHC funds from one EU member state to another.

Experts replying to the survey were then asked whether they had received funding for RHC from private lenders and to give their impressions. One in eight of them gave their views on their experience with private lenders. Several respondents said that the experience was good, with quicker, simpler and more flexible procedures, while some respondents said that it covered commercial operations like building RHC installations, but it did not cover R&D activities.

Nearly 20% of respondents gave recommendations as feedback to strengthen R&D on RHC. Below is a selection of their replies:

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## European Technology and Innovation Platform on Renewable Heating and Cooling

- Better include certain technologies into EU calls, in particular “Thermal Driven Heat Pumps and hydrogen combustion in heating”
- “More focused and dedicated R&D calls to foster basic research in addition to the more innovation oriented and demand driven needs dominating nowadays”
- “Focus on large scale projects with high impact on renewable heating and cooling of cities and industry, especially funding of large-scale thermal storages for flexibilization of district heating and cooling grids is needed”
- “Need to simplify applications and increase opportunity for SMEs and start-up/Spinoff”
- Instead of wasting precious resources in harsh competition (less than 5% success rate sometimes), these EU programmes should focus on cooperation. The size of the crises we are now confronted with requires the contribution of everyone. Think "Army recruitment" style of contribution instead of competitive call for projects”

To sum up, respondents saw as main barriers to EU funding the limited availability of RHC calls, a focus that is often too technology-specific or restrictive and a complex selection process. To solve this, surveyed participants have asked for more and better targeted RHC calls, simpler application procedures and more assistance. It is unclear whether RHC researchers and project developers prefer EU funds over comparable national-private funding, where there are variations between countries and RHC subsectors. What is evident is that a significant portion of respondents use these 3 sources of funding in a complementary way to support their activities.

### Survey of February 2021

The 2<sup>nd</sup> survey had section that touched upon perceptions, challenges and barriers at national level to the deployment of RHC solutions. This included market barriers and factors impacting RHC RD&I.

When asked what factors impact RD&I activities, nearly half of respondents have said that availability of EU funding is key. In comparison, only 11% identified EU regulations. Also, internal and organisational factors affecting RD&I were identified, in particular insufficient cash flow at 34% and insufficient staffing at 24% (see figure 13)

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### What internal/external factors have the biggest impact on your RD&I activities?

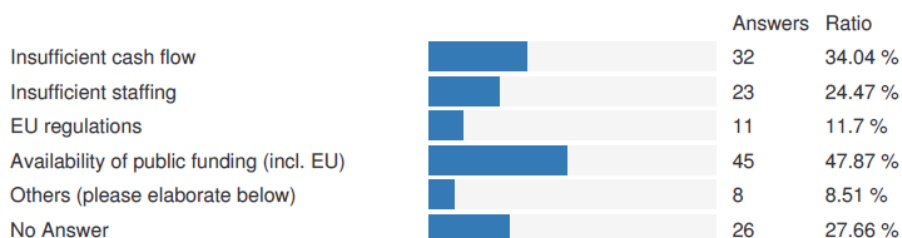


Figure 13 - Factors impacting RD&I

There is a relatively even distribution between respondents that see their national context for the uptake of RHC as “neutral”, “not very favourable” and “favourable”. This is likely linked to significant variations across EU countries regarding available RHC funding and legal frameworks. Only 1/4 of respondents see their national conditions as “favourable” or “very favourable”, while 2/3 said that they are “neutral” or less favourable. This implies that national framework conditions for RHC need to improve according to most respondents (see figure 14)

### How favourable are the following framework conditions to RHC uptake in your country? : Financial conditions (financial instruments, incentives)

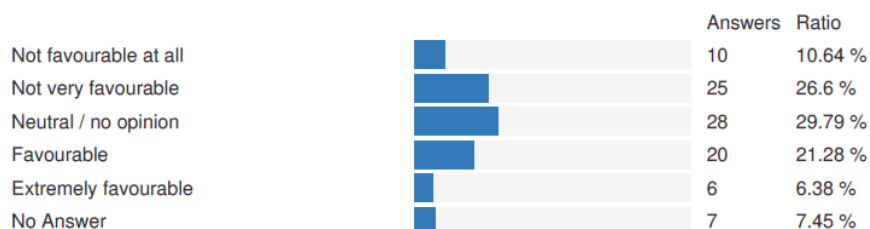


Figure 14 - Satisfaction with national framework conditions for RHC

The survey asked respondents 15 separate questions (see figure 15), each focusing on a different type of barrier for the uptake of RHC solutions in their countries. Below is a summary of the most clear-cut answers divided by topic.

#### Regulation:

- Lack of policy support and uncertainty of regulations were flagged by around 60% of respondents, with 10% disagreeing

#### Market:

- High installation costs were considered a barrier by almost 60%, while only 10% disagreed.



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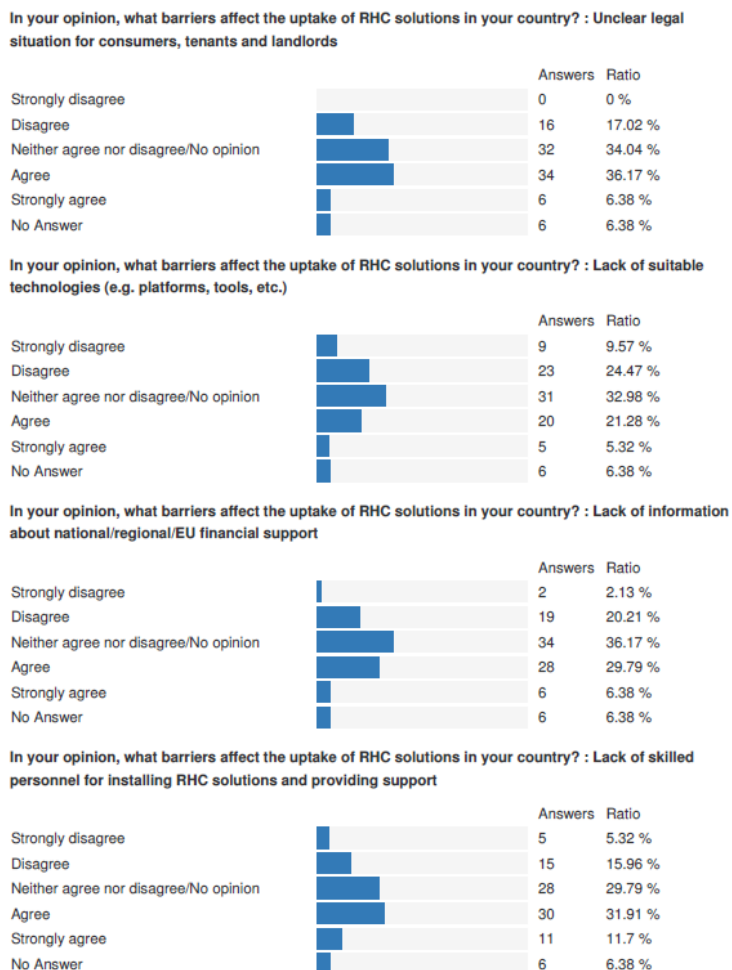
## European Technology and Innovation Platform on Renewable Heating and Cooling

- The competitiveness of traditional heating & cooling technologies (e.g. gas boilers) was considered a barrier for RHC by 62% of respondents, while 12% disagreed.

### RES technology & potential:

- Over 60% of respondents said that there was no lack of RES potential in their countries, with only 8% disagreeing.
- At least 55% said that there is uncertainty about RHC technology performance, while 17% disagreed.
- Volatility in energy provision by renewables was a concern for 42% of respondents, while 22% were not concerned.

Figure 15: Barriers that affect the uptake of RHC in EU countries:

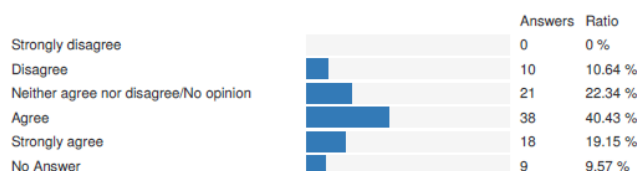




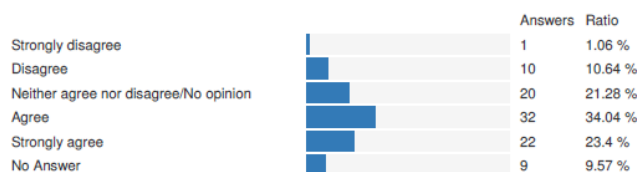
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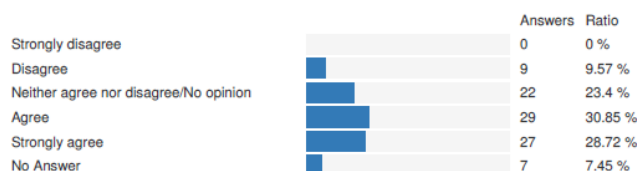
In your opinion, what barriers affect the uptake of RHC solutions in your country? : Uncertainty of regulations



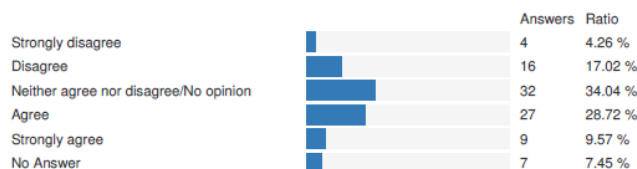
In your opinion, what barriers affect the uptake of RHC solutions in your country? : Lack of policy support



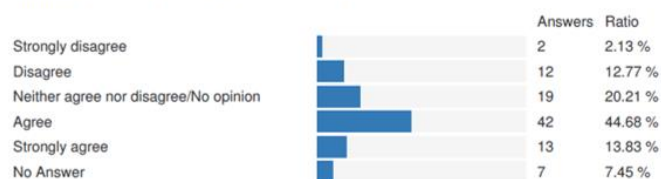
In your opinion, what barriers affect the uptake of RHC solutions in your country? : High installation cost



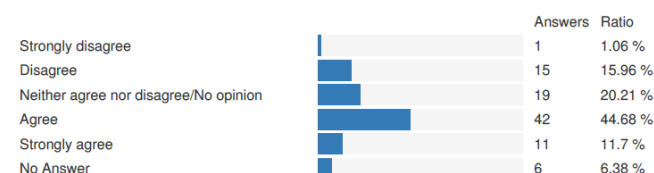
In your opinion, what barriers affect the uptake of RHC solutions in your country? : Risky investments for consumers



In your opinion, what barriers affect the uptake of RHC solutions in your country? : Insufficient information about the benefits of RHC solutions



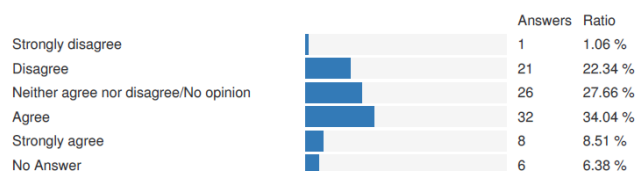
In your opinion, what barriers affect the uptake of RHC solutions in your country? : Uncertainty around the performance of RHC technologies



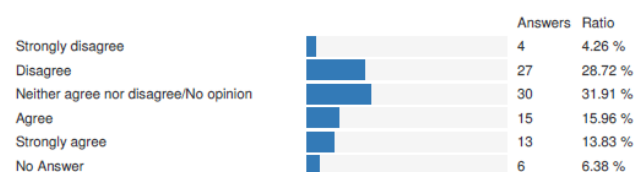
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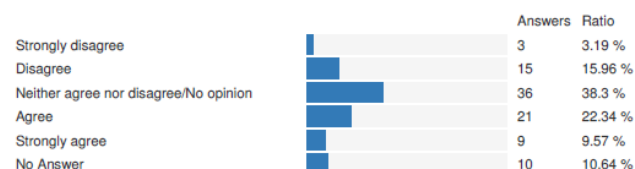
In your opinion, what barriers affect the uptake of RHC solutions in your country? : Volatility in energy provision from renewables



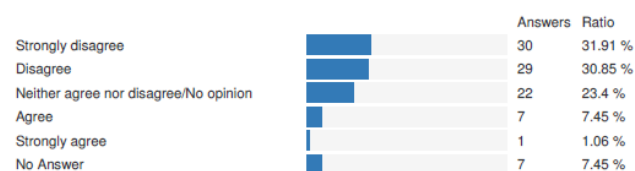
In your opinion, what barriers affect the uptake of RHC solutions in your country? : Lack of environmental public awareness



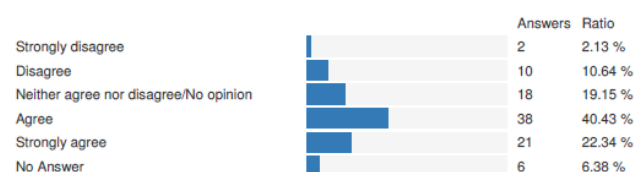
In your opinion, what barriers affect the uptake of RHC solutions in your country? : Unequal access for vulnerable groups of society



In your opinion, what barriers affect the uptake of RHC solutions in your country? : Scarcity of renewable energy resources



In your opinion, what barriers affect the uptake of RHC solutions in your country? : Higher competitiveness of traditional solutions



To sum up, according to most respondents EU funding is a key factor impacting RD&I and national framework conditions for RHC need to be improved. There are a series of regulatory and market barriers that need to be addressed, as well as certain technical aspects of RHC.

### 4. CONCLUSIONS

RHC technologies are the key to decarbonise Europe's thermal sector and a central component of the strategy to meet the EU's climate objectives. Financial support will be essential to speed up RD&I and technology deployment for RHC technologies.

This report gives an overview of Europe's existing financial instruments to support RHC. As shown in the factsheets, the EU, MSs and regions already have tools in place to support these sectors, although there are differences in their number and focus from one country to another. Based on this preliminary mapping, while a few countries have a dynamic combination of financial instruments targeting different actors and sectors, most seem to rely on grants and support schemes exclusively.

As seen in the surveys, over 2/3 of the experts consulted were either neutral or unhappy with the current national framework conditions for RHC and only 1/4 were satisfied with them. This highlights that it is necessary to increase the reach and depth of financial instruments in the RHC sector. Moreover, there are regulatory and market barriers that currently hinder the development of sustainable alternatives and instead favour the continued dependence on fossil fuels in the building and industrial sectors. While RES potential is ubiquitous across the EU, sustained and increased support for RD&I is necessary to improve the reliability and reduce costs of RHC technologies.

As EU MSs rethink and rewrite their National Energy and Climate Plans for 2030, it is crucial that they assess the reach and design of their RHC financial instruments. The European Commission should have a close look at how efforts in both RHC deployment and RD&I are stepped up to meet the EU's climate goals.

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Bularian Electricity System Security Fund <https://www.fses.bg/>

Bulgarian Municipalities Working Together to Improve Air Quality Project  
<http://lifeipcleanair.eu/en/index.html>

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[energie.at/informationen/forschungsprogramm/](https://www.vorzeigeregion-energie.at/informationen/forschungsprogramm/)

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[https://www.bafa.de/DE/Energie/Energieeffizienz/Kraft\\_Waerme\\_Kopplung/Waerme\\_Kaeltenetze/waerme\\_kaeltenetze\\_node.html](https://www.bafa.de/DE/Energie/Energieeffizienz/Kraft_Waerme_Kopplung/Waerme_Kaeltenetze/waerme_kaeltenetze_node.html)

Zelena domacnostiam. <http://zelenadomacnostiam.sk/sk/>

### ANNEX I – INVENTORY STRUCTURE

|                | GRANTS  | LOAN   | GUARANTEE  | EQUITY                                   | SUBSIDIES                  | OTHER  |
|----------------|---|--|--|--|----------------------------|--|
| EUROPEAN UNION | <a href="#">H2020/Horizon Europe</a>                        | <a href="#">LIFE Private Finance for Energy Efficiency (PF4EE)</a> | <a href="#">CEF - Energy</a>                                   | <a href="#">European Investment Fund</a> | <a href="#">URBACT III</a> | <a href="#">CEF - Energy</a>                                       |
|                | <a href="#">SME Instrument</a>                              | <a href="#">European Energy Efficiency Fund</a>                    | <a href="#">European Fund for Strategic Investments (EFSI)</a> | <a href="#">InnovFin</a>                 |                            | <a href="#">LIFE Private Finance for Energy Efficiency (PF4EE)</a> |
|                | <a href="#">Fast Track to Innovation (FTI)</a>              | <a href="#">European Investment Fund</a>                           | <a href="#">Smart Finance for Smart Buildings</a>              | <a href="#">COSME</a>                    |                            |  |
|                | <a href="#">Future and Emerging Technologies (FET) Open</a> | <a href="#">InnovFin</a>   | <a href="#">European Energy Efficiency Fund</a>                | <a href="#">EIT InnoEnergy</a>           |                            |  |

|                  |  |                 |         |
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|  | GRANTS  | LOAN                  | GUARANTEE                                | EQUITY | SUBSIDIES | OTHER |
|--|---|-----------------------|--|--------|-----------|-------|
|  | <a href="#">EIT Climate-KIC</a>                                   | <a href="#">COSME</a> | <a href="#">European Investment Fund</a> |        |           |       |
|  | <a href="#">EIT InnoEnergy</a>                                    |                       | <a href="#">InnovFin</a>                 |        |           |       |
|  | <a href="#">LIFE Environment</a>                                  |                       |  |        |           |       |
|  | <a href="#">LIFE Climate Action</a>                               |                       |  |        |           |       |
|  | <a href="#">INTERREG: European Territorial Co-operation (ETC)</a> |                       |  |        |           |       |
|  | <a href="#">CEF - Energy</a>                                      |                       |  |        |           |       |
|  | <a href="#">ELENA</a>   |                       |  |        |           |       |
|  | <a href="#">Horizon 2020 Topic LC-SC3-B4E-13-2020</a>             |                       |  |        |           |       |

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|  | GRANTS  | LOAN   | GUARANTEE | EQUITY | SUBSIDIES | OTHER |
|--|---|--|-----------|--------|-----------|-------|
|  | <a href="#">Urban Innovative Actions (UIA)</a>                                  |  |           |        |           |       |
|  | <a href="#">NER300/Innovation Fund</a>  |  |           |        |           |       |
|  | <a href="#">EUREKA</a>  |  |           |        |           |       |
|  | <a href="#">Eurostars</a>   |  |           |        |           |       |
|  | <a href="#">National recovery and resilience plans</a>                          | <a href="#">National recovery and resilience plans</a> |           |        |           |       |
|  | <a href="#">Horizon Europe - EU Mission on Climate-Neutral and Smart Cities</a> |  |           |        |           |       |
|  | <a href="#">Innovation Fund</a>   |  |           |        |           |       |



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|         | GRANTS   | LOAN                                  | GUARANTEE | EQUITY | SUBSIDIES  | OTHER |
|---------|--|---------------------------------------|-----------|--------|--|-------|
| AUSTRIA | <a href="#">Era-net Smart Energy systems</a>                 | <a href="#">FFG General Programme</a> |           |        | <a href="#">FFG Feasibility Studies</a>            |       |
|         | <a href="#">FFG General Programme</a>                        |                                       |           |        | <a href="#">State of Vienna – Renewable energy</a> |       |
|         | <a href="#">Vorzeigeregion Energie (Model Region Energy)</a> |                                       |           |        |  |       |
|         | <a href="#">Smart Cities Demo</a>                            |                                       |           |        |  |       |
|         | <a href="#">Stadt der Zukunft (City of the future)</a>       |                                       |           |        |  |       |
|         | <a href="#">Energieforschung (Energy research)</a>           |                                       |           |        |  |       |
|         | <a href="#">BRIDGE</a>                                       |                                       |           |        |  |       |

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|  | GRANTS  | LOAN | GUARANTEE | EQUITY | SUBSIDIES | OTHER |
|--|---|------|-----------|--------|-----------|-------|
|  | <a href="#">COIN</a>  |      |           |        |           |       |
|  | <a href="#">Promotion of Thermal Solar Systems</a>  |      |           |        |           |       |
|  | <a href="#">Promotion of micro district heating network based on biomass</a>              |      |           |        |           |       |
|  | <a href="#">Connection to district / local heating of less than 100 kW connected load</a> |      |           |        |           |       |
|  | <a href="#">State of Vienna – Renewable energy</a>  |      |           |        |           |       |

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|         | GRANTS  | LOAN  | GUARANTEE  | EQUITY | SUBSIDIES   | OTHER   |
|---------|---|---|--|--------|---|---|
|         | <a href="#">Austria<br/>Wirtschaftsservice –<br/>Energy &amp; Climate</a> |   |  |        |   |   |
| BELGIUM | <a href="#">Aid for energy<br/>research</a>                               | <a href="#">Easy'green</a>                                      | <a href="#">Aid for renewable<br/>energy investment</a>  |        | <a href="#">Transition fund</a>                                   | <a href="#">Tax credit for research<br/>and development</a> |
|         | <a href="#">Aid for research and<br/>technological<br/>innovation</a>     | <a href="#">CWALity DE 2019</a>                                 | <a href="#">Financial support<br/>for the<br/>development or<br/>implementation of<br/>your innovative R<br/>&amp; D project</a> |        | <a href="#">Aid for energy research</a>                           |   |
|         |   | <a href="#">Tax credit for<br/>research and<br/>development</a> |  |        | <a href="#">Aid for renewable energy<br/>investment</a>           |   |
|         |   |   |  |        | <a href="#">Aid for research and<br/>technological innovation</a> |   |

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|                 | GRANTS   | LOAN | GUARANTEE | EQUITY | SUBSIDIES  | OTHER                                  |
|-----------------|--|------|-----------|--------|--|--|
|                 |  |      |           |        | <a href="#">Financial support for the development or implementation of your innovative R &amp; D project</a> |  |
|                 |  |      |           |        | <a href="#">Innovative starters award</a>  |  |
|                 |  |      |           |        | <a href="#">CWALity DE 2019</a>  |  |
|                 |  |      |           |        | <a href="#">Financial support for the realization of an innovation</a>                                       |  |
|                 |  |      |           |        | <a href="#">Research project</a>   |  |
| <b>BULGARIA</b> | <a href="#">Bulgarian Energy Efficiency and Renewable Sources Fund (EERSF)</a> |      |           |        |  | <a href="#">Property tax reduction</a> |

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|                | GRANTS   | LOAN  | GUARANTEE | EQUITY | SUBSIDIES  | OTHER   |
|----------------|--|---|-----------|--------|--|---|
|                | <a href="#">Project “Bulgarian Municipalities Working Together to Improve Air Quality” (LIFE-IP Clean Air)</a> |   |           |        |  |   |
| <b>CROATIA</b> | <a href="#">Energy Efficiency</a>  | <a href="#">Loan for the investments in public sector</a> |           |        | <a href="#">Act on Renewable Energy Sources and Highly Effective Cogeneration (Feed-in premium for cogeneration)</a> |   |
| <b>CYPRUS</b>  | <a href="#">Grant Scheme for Installation or Replacement of Solar thermal Systems</a>                          |   |           |        | <a href="#">Scheme for Promoting Saving and Upgrading of Households</a>  | <a href="#">Support Scheme for installation of High-efficiency Cogeneration Units for Own Power</a> |

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|         | GRANTS   | LOAN                                   | GUARANTEE | EQUITY | SUBSIDIES  | OTHER                                    |
|---------|--|--|-----------|--------|--|--|
|         |  |  |           |        |  | <a href="#">Consumption of up to 5MW</a> |
|         |  |  |           |        | <a href="#">Sponsorship Plan - Upgrade Homes</a>   |  |
| CZECHIA | <a href="#">State Environmental Fund of the Czech Republic</a> |  |           |        | <a href="#">Operational Programme Technologies and Applications for Competitiveness (OP TAK) 2021 – 2027</a> |  |
|         | <a href="#">Just transition fund</a>                           |  |           |        |  |  |
|         | <a href="#">National Centres of Competence Programme</a>       |  |           |        |  |  |
|         | <a href="#">National Recovery Plan</a>                         | <a href="#">National Recovery Plan</a> |           |        |  |  |

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|         | GRANTS   | LOAN   | GUARANTEE | EQUITY | SUBSIDIES   | OTHER  |
|---------|--|--|-----------|--------|---|--|
| DENMARK |  | <a href="#">Danish Green Investment Fund</a>                 |           |        | <a href="#">“Energiteknologisk Udviklings- og Demonstrationsprogram” (EUDP)</a> | <a href="#">Tax regulation mechanism</a>                                       |
|         |  |  |           |        |   | <a href="#">Financial risk coverage in connection with geothermal drilling</a> |
|         |  |  |           |        |   | <a href="#">Danish Eco-Innovation Programme (MUDP)</a>                         |
| ESTONIA | <a href="#">Reconstruction support for small houses</a>      | <a href="#">SEB’s Green Loan</a>                             |           |        |   | <a href="#">Environmental programme</a>  |
|         | <a href="#">Apartment building renovation loan programme</a> | <a href="#">Apartment building renovation loan programme</a> |           |        |   |  |

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|         | GRANTS   | LOAN   | GUARANTEE | EQUITY | SUBSIDIES | OTHER |
|---------|--|--|-----------|--------|-----------|-------|
|         | <a href="#">Reconstruction Grant for apartment buildings</a> | <a href="#">Korterelamute renoveerimislaenu programm (renovation loan programme)</a> |           |        |           |       |
|         |  | <a href="#">Estonian Grant Scheme for Renovating Apartment Building</a>              |           |        |           |       |
| FINLAND | <a href="#">SE Finland – Russia CBC</a>                      |  |           |        |           |       |
|         | <a href="#">Kolarctic CBC</a>                                |  |           |        |           |       |
|         | <a href="#">6Aika</a>  |  |           |        |           |       |
|         | <a href="#">Structuralfunds.fi</a>                           |  |           |        |           |       |



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|--------|--|---|-----------|--------|--|---|
|        | <a href="#">Business Finland</a>                     |   |           |        |  |   |
|        | <a href="#">Finland Ukraine Trust Fund</a>           |   |           |        |  |   |
|        | <a href="#">Sitra</a>                                |   |           |        |  |   |
| FRANCE | <a href="#">Bourse French Tech</a>                   | <a href="#">Aid for the development of innovation</a> |           |        | <a href="#">Research and Development Program</a> | <a href="#">Aid for the development of innovation</a> |
|        |  |   |           |        |  | <a href="#">Research tax credit (CIR)</a>             |
|        |  |   |           |        |  | <a href="#">Research and Development Program</a>      |
|        | <a href="#">Investments for the future Program 3</a> |   |           |        |  |   |

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|---------|--|---|-----------|---|--|--|
| GERMANY | <a href="#">Umwelt Innovations Programm (Environmental Innovation Program)</a> | <a href="#">IKK - Energetic Urban Redevelopment</a> |           | <a href="#">Thuringian Development Bank</a> | <a href="#">Wärmenetzsysteme 4.0</a>   | <a href="#">Heating with Renewable Energies</a>      |
|         | <a href="#">Federal funding for efficient buildings</a>                        | <a href="#">Renewable Energies - Standard</a>       |           |   | <a href="#">KWKG - Innovative KWK-systeme</a>                                  | <a href="#">Commerzbank -Green Bonds</a>             |
|         | <a href="#">CORNET</a>   | <a href="#">IB.SH</a>                               |           |   | <a href="#">KWKG - KWK Zuschlag für Wärme/ Kälte Speicher</a>                  | <a href="#">NRW.BANK - Green Bond Framework</a>      |
|         | <a href="#">IFB Hamburg - Renewable Heat</a>                                   |   |           |   | <a href="#">KWKG - Wärme- und Kältenetze</a>                                   | <a href="#">Marktanreizprogramm 2020 - Fernwärme</a> |
|         | <a href="#">IB.SH</a>  |   |           |   | <a href="#">Umwelt Innovations Programm (Environmental Innovation Program)</a> |  |

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|---------|--|--|-----------|--------|---|-------|
|         | <a href="#">RL Klima / 2014</a>                      |  |           |        | <a href="#">IKK - Energetic Urban Redevelopment</a>                                 |       |
|         | <a href="#">NBank - Energy and Environment</a>       |  |           |        | <a href="#">NBank - Energy and Environment</a>                                      |       |
| GREECE  |  |  |           |        | <a href="#">Savings at Home II (Exoikonomo)</a>                                     |       |
|         |  |  |           |        | <a href="#">Solar Thermal Support Scheme</a>  |       |
| HUNGARY | <a href="#">Otthon Melege (Warm Homes) programme</a> | <a href="#">Preferential Green Capital Requirement Treatment for housing loans</a> |           |        | <a href="#">Home Renovation Subsidy: Housing Subsidy for Families (CSOK) scheme</a> |       |

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|---------|---|--|-----------|--------|--|--|
|         | <a href="#">KEHOP 5 (Environmental and Energy Efficiency Operational Program)</a> | <a href="#">Residential Energy Efficiency Loan Programme</a> |           |        |  |  |
|         |   | <a href="#">Loan scheme of Hungarian Development Bank</a>    |           |        |  |  |
| IRELAND | <a href="#">Support Scheme Renewable Heat (SSRH)</a>                              |  |           |        | <a href="#">Support Scheme Renewable Heat (SSRH)</a> | <a href="#">Accelerated Capital Allowance scheme (ACA)</a> |
|         | <a href="#">Better Energy Communities 2020 (SEAI Community Grant)</a>             |  |           |        |  |  |

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|--------|---|---|-----------|--------|-----------|---|
|        | <a href="#">Home Energy Grants – Heat Pumps</a>                                     |   |           |        |           |   |
|        | <a href="#">Home Energy Grants – Solar Water Heating</a>                            |   |           |        |           |   |
| ITALY  | <a href="#">Conto termico</a>   | <a href="#">Fondo nazionale efficienza energetica</a> |           |        |           | <a href="#">Fondo nazionale per l'innovazione</a> |
|        | <a href="#">Programme Operativo Nazionale (PON) Ricerca e Innovazione 2014-2020</a> | <a href="#">Fondo per la crescita sostenibile</a>     |           |        |           |   |
| LATVIA | <a href="#">Climate Change Financial</a>  |   |           |        |           | <a href="#">Law on the Value Added Tax</a>        |

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|           | GRANTS   | LOAN  | GUARANTEE                              | EQUITY | SUBSIDIES                                  | OTHER   |
|-----------|--|---|--|--------|--|---|
|           | <a href="#">Instrument financed by ETS allowances - Regular calls under “Klimata pārmaiņu finanšu instruments (KPI)”</a> |   |  |        |  |   |
|           |  |   |  |        |  | <a href="#">Law on Excise Duties - Par akcīzes nodokli</a>      |
| LITHUANIA | <a href="#">National Energy Independence Strategy (NEIS)</a>   | <a href="#">Energy Efficiency Fund</a>        | <a href="#">Energy Efficiency Fund</a> |        | <a href="#">Eco-inovacijos LT</a>          | <a href="#">Ignitis Group Smart Energy Venture Capital Fund</a> |
|           | <a href="#">The joint Baltic-Nordic Energy Research Program</a>  | <a href="#">Municipalities Buildings Fund</a> |  |        | <a href="#">Eco-innovations LT +</a>       |   |
|           | <a href="#">Smart Specialization Programme</a>   |   |  |        | <a href="#">Ikiprekybiniai pirkimai LT</a> |   |

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|------------|---|--|-----------|--------|-----------------|-------|
|            | <a href="#">EEA and Norway Grants 2014-2021</a>                     |  |           |        | INTELEKTAS LT-2 |       |
|            | <a href="#">Climate Change Program</a>                              |  |           |        |                 |       |
| LUXEMBOURG | <a href="#">Industrial Fellowships</a>                              | <a href="#">Direct loan for Research, Development and Innovation</a> |           |        |                 |       |
|            | <a href="#">Aide pour des projets de recherche et développement</a> | <a href="#">Loan for innovative enterprises</a>                      |           |        |                 |       |
| MALTA      | <a href="#">2021 Renewable Energy Sources Scheme</a>                |  |           |        |                 |       |

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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|             | GRANTS   | LOAN | GUARANTEE | EQUITY | SUBSIDIES   | OTHER   |
|-------------|--|------|-----------|--------|---|---|
|             | <a href="#">Solar Water Heater Scheme</a>      |      |           |        |   |   |
|             | <a href="#">Heat Pump Water Heater Scheme</a>  |      |           |        |   |   |
|             | <a href="#">Research and Development 2020</a>  |      |           |        |   |   |
|             | <a href="#">Skills Development Scheme 2020</a> |      |           |        |   |   |
| NETHERLANDS |  |      |           |        | <a href="#">TKI Urban Energy</a>  | <a href="#">Cover risks for geothermal energy</a> |
|             |  |      |           |        | <a href="#">Mission-driven Research, Development and Innovation subsidy scheme (MOOI)</a> |   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|        | GRANTS | LOAN   | GUARANTEE | EQUITY | SUBSIDIES   | OTHER                                      |
|--------|--------|--|-----------|--------|---|--|
|        |        |  |           |        | <a href="#">Stimulation of Sustainable Energy Production SDE+</a> |  |
|        |        |  |           |        | <a href="#">Market introduction of energy innovations (MEI)</a>   |  |
|        |        |  |           |        | <a href="#">Sustainable energy investment subsidy (ISDE)</a>      |  |
| POLAND |        | <a href="#">Priority programme “Support for low-emission and resource-efficient economy”</a> |           |        | <a href="#">Thermal rehabilitation grants</a>                     | <a href="#">Clean Air Priority Program</a> |
|        |        | <a href="#">National Fund for Environmental</a>  |           |        | <a href="#">Clean Air Priority Program Subsidies</a>              |  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|          | GRANTS   | LOAN  | GUARANTEE | EQUITY | SUBSIDIES   | OTHER |
|----------|--|---|-----------|--------|---|-------|
|          |  | <a href="#">Protection and Water Management</a> |           |        | <a href="#">(Program Czyste Powietrze - dofinansowania)</a> |       |
| PORTUGAL | <a href="#">Programa Casa Eficiente</a>  |   |           |        |   |       |
|          | <a href="#">Programa Solar em Edifícios</a>  |   |           |        |   |       |
|          | <a href="#">R&amp;D project: Investigação Científica e Desenvolvimento Tecnológico</a> |   |           |        |   |       |
|          | <a href="#">Valorizar 2020 - III - Eficiência energética nas empresas</a>              |   |           |        |   |       |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|          | GRANTS   | LOAN | GUARANTEE | EQUITY | SUBSIDIES   | OTHER  |
|----------|--|------|-----------|--------|---|--|
|          | <a href="#">Reabilitação nos Bairros Sociais</a> |      |           |        |   |  |
| ROMANIA  |  |      |           |        | <a href="#">Subsidy Measure 4 “Investments in physical assets”</a>  | <a href="#">Support scheme for less exploited energy sources</a> |
|          |  |      |           |        | <a href="#">The national programme for installation of heating systems using renewable energy, including the replacement or completion of the old heating systems</a> |  |
| SLOVAKIA | <a href="#">Quality of environment Programme</a> |      |           |        | <a href="#">Green light to households II</a>  |  |
|          | <a href="#">Environmental fund</a>               |      |           |        |   |  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|          | GRANTS   | LOAN | GUARANTEE | EQUITY | SUBSIDIES | OTHER   |
|----------|--|------|-----------|--------|-----------|---|
| SLOVENIA | <a href="#">DEMO PILOTS II 2018</a>                            |      |           |        |           |   |
|          | <a href="#">INCENTIVES FOR RESEARCH DEVELOPMENT PROJECTS 2</a> |      |           |        |           |   |
| SPAIN    |  |      |           |        |           | <a href="#">Programme for Large Thermal Plants (GIT) - GEOTCASA Programme</a> |
|          |  |      |           |        |           | <a href="#">PAREER - CRECE Programme</a>                                      |
| SWEDEN   | <a href="#">Klimatklivet</a>                                   |      |           |        |           | <a href="#">ROT-avdrag</a>  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|    | GRANTS   | LOAN                                     | GUARANTEE | EQUITY | SUBSIDIES | OTHER   |
|----|--|--|-----------|--------|-----------|---|
| UK | <a href="#">Domestic Renewable Heat Incentive (RHI)</a>                | <a href="#">The Green Deal</a>           |           |        |           | <a href="#">Domestic Renewable Heat Incentive (RHI)</a> |
|    | <a href="#">Energy Entrepreneurs Fund (EEF)</a>                        | <a href="#">Heat Networks Investment</a> |           |        |           |   |
|    | <a href="#">Electrification of Heat Demonstration Project</a>          |  |           |        |           |   |
|    | <a href="#">Low-Carbon Heating Technology Innovation Fund (LCHTIF)</a> |  |           |        |           |   |
|    | <a href="#">Heat Networks Investment</a>                               |  |           |        |           |   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|  | GRANTS   | LOAN | GUARANTEE | EQUITY | SUBSIDIES | OTHER |
|--|--|------|-----------|--------|-----------|-------|
|  | <a href="#">EPSRC - Decarbonising Heating and Cooling</a>              |      |           |        |           |       |
|  | <a href="#">ISCF's Prospering from the Energy Revolution challenge</a> |      |           |        |           |       |

## ANNEX II – FACT SHEET

### EUROPEAN UNION

|                              |   |
|------------------------------|---|
| <b>PROGRAMME</b>             | <i>Horizon 2020 / Horizon Europe</i>  |
| <b>SUB-PROGRAMME</b>         | <b>10. Secure, clean and efficient energy</b>   |
| <b>TYPE OF INSTRUMENT</b>    | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>            | Securing Europe's competitiveness through supporting world-class science, removing barriers to innovation and making it easier for the public and private sectors to work together in delivering innovation.  |
| <b>SUPPORTED ACTIONS</b>     | Research and Innovation Actions, Innovation Actions, Coordination and Support Actions   |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Integrated solutions<br><br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Research and Innovation Action – 100% of eligible costs<br><br>Innovation Action – 70% of eligible costs (100% for non-profit organisations)<br><br>Coordination and Support Action – 100% of eligible costs   |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 2 – EUR 20 million per call  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><br><input checked="" type="checkbox"/> research centre<br><br><input checked="" type="checkbox"/> public authorities<br><br><input checked="" type="checkbox"/> start-up<br><br><input checked="" type="checkbox"/> SME<br><br><input checked="" type="checkbox"/> mid-cap company<br><br><input checked="" type="checkbox"/> large company<br><br><input checked="" type="checkbox"/> NGO<br><br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input checked="" type="checkbox"/> European Union<br><br><input type="checkbox"/> MSs:<br><br><input type="checkbox"/> MSs' region/s:<br><br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | Horizon 2020 – 2014-2020<br><br>Horizon Europe 2021 - 2027   |
| <b>RESOURCES</b>                    | Horizon 2020: EUR 80 billion   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
|                           | Horizon Europe: EUR 94 billion  |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | The network of Nation Contact Points (NCP) – different for each Member State  |
| <b>WEBSITE</b>            | <a href="http://ec.europa.eu/horizon2020">http://ec.europa.eu/horizon2020</a> |

|                            |  |
|----------------------------|--|
| <b>PROGRAMME</b>           | European Innovation Council Pilot (EIC Pilot)  |
| <b>SUB-PROGRAMME</b>       | <i>SME Instrument</i>  |
| <b>TYPE OF INSTRUMENT</b>  | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>          | Support for ground-breaking innovative ideas by Europe's entrepreneurs/SMEs for products, services or processes that are ready to conquer global markets.  |
| <b>SUPPORTED ACTIONS</b>   | Close-to-market activities (TRL 6 or higher)   |
| <b>TEHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling     |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | Co-financing for 70% of the eligible costs; beneficiary needs to secure at least 30% of the budget either from its own resources or from other sources   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Phase I (Feasibility Assessment (optional)) – EUR 50k (lump sum)<br>Phase II – EUR 0.5 – 2.5 million (higher or lower amounts can be requested)  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>TIMEFRAME</b>          | 2018 – 2020<br><br>The SME Instrument will be continued after 2020 under the new European Innovation Council                            |
| <b>RESOURCES</b>          | 2018: EUR 479 million<br><br>2019: EUR 552 million<br><br>2020: EUR 600 million   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority – The Executive Agency for Small and Medium-sized Enterprises (EASME)  |
| <b>CONTACT</b>            | <a href="https://ec.europa.eu/easme/en/contact">https://ec.europa.eu/easme/en/contact</a>   |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/easme/en/eic-accelerator-sme-instrument">https://ec.europa.eu/easme/en/eic-accelerator-sme-instrument</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | European Innovation Council Pilot (EIC Pilot)   |
| <b>SUB-PROGRAMME</b>      | <i>Fast Track to Innovation (FTI)</i>   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:                        |
| <b>OBJECTIVES</b>         | Supporting innovation activities in any area of technology or application, as well as supporting trans-disciplinary and cross-sectoral cooperation through: <ul style="list-style-type: none"> <li>– Reducing time from idea to market</li> </ul> |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <ul style="list-style-type: none"> <li>– Stimulating the participation of first-time applicants to EU research and innovation funding</li> <li>– Increasing private sector investment in research and innovation</li> </ul>  |
| <b>SUPPORTED ACTIONS</b>            | Close-to-market innovation activities (TRL 6-8)  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | Co-financing for 70% of the eligible costs; beneficiary needs to secure at least 30% of the budget either from its own resources or from other sources   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Up to EUR 3 million  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                           |  |
|---------------------------|--|
|                           | <input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Substantial industry involvement in FTI actions is mandatory to ensure quick market take-up |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | 2018 – 2020<br>The FTI will be continued after 2020 under the new European Innovation Council  |
| <b>RESOURCES</b>          | EUR 300 million  |
| <b>COUNTRY</b>            | EU   |
| <b>MANAGING AUTHORITY</b> | Public authority – The Executive Agency for Small and Medium-sized Enterprises (EASME)   |
| <b>CONTACT</b>            | <a href="https://ec.europa.eu/easme/en/contact">https://ec.europa.eu/easme/en/contact</a>  |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/easme/en/eic-fast-track-innovation-fti-0">https://ec.europa.eu/easme/en/eic-fast-track-innovation-fti-0</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | European Innovation Council Pilot (EIC Pilot)   |
| <b>SUB-PROGRAMME</b>      | <i>Future and Emerging Technologies (FET) Open</i>  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Subsidy<br><br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Supporting the early-stages of the science and technology research and innovation around new ideas towards radically new future technologies   |
| <b>SUPPORTED ACTIONS</b>            | Highly innovative research and innovation actions  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 100% of eligible direct costs  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Research and Innovation Action – up to EUR 3 million<br>Coordination and Support Action – EUR 0.5 – 0.7 million<br>FET Innovation Launchpad Actions (CSA) – EUR 0.1 million  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2018 – 2020<br>The FET Open will be continued after 2020 under the new European Innovation Council  |
| <b>RESOURCES</b>          | EUR 579.5 million   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public Authority (European Commission)  |
| <b>CONTACT</b>            | <a href="https://ec.europa.eu/info/research-and-innovation/contact/research-enquiry-service-and-participant-validation_en">https://ec.europa.eu/info/research-and-innovation/contact/research-enquiry-service-and-participant-validation_en</a>                                   |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/programmes/horizon2020/en/h2020-section/fet-open">https://ec.europa.eu/programmes/horizon2020/en/h2020-section/fet-open</a>   |

|                      |   |
|----------------------|---|
| <b>PROGRAMME</b>     | European Institute of Innovation and Technology (EIT) |
| <b>SUB-PROGRAMME</b> | <i>EIT Climate-KIC</i>                                |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                              |   |
|------------------------------|---|
| <b>TYPE OF INSTRUMENT</b>    | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>            | Creating opportunities for innovators to address climate change and shape the world's next economy is Climate-KIC's mission.  |
| <b>SUPPORTED ACTIONS</b>     | <ul style="list-style-type: none"> <li>• Earlier stage innovation           <ul style="list-style-type: none"> <li>○ Pathfinder projects</li> <li>○ Partner accelerator</li> </ul> </li> <li>• Climate innovation ecosystems           <ul style="list-style-type: none"> <li>○ National and sub-national ecosystems projects</li> <li>○ Cross-European projects</li> </ul> </li> <li>• Later Stage Innovation           <ul style="list-style-type: none"> <li>○ Scaler Instruments</li> <li>○ Scaler Opportunities</li> </ul> </li> </ul> |
| <b>TEHCHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage   |



## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Research & Development  |
| <b>COFINANCING or INTEREST RATE</b> | Reimbursement rate of up to 100%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <ul style="list-style-type: none"> <li>• Climate Innovation Ecosystems projects typically receive a maximum of €300,000 through EIT Climate-KIC annually, lasting 1-3 years</li> <li>• Earlier Stage projects can apply for an EIT grant up to €100,000 and last no more than 12 months</li> <li>• Later Stage Projects: There are no specific limits, these are typically €150,000 to €1 million and lasting up to 3 years</li> <li>• RIS Projects can apply for an EIT grant of up to €30,000 and last no more than 12 months</li> </ul> |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:   |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input checked="" type="checkbox"/> Other: Climate KIC Partners   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
| <b>TIMEFRAME</b>          | 2014-2020 (planned continuation under Horizon Europe in 2021-2027)   |
| <b>RESOURCES</b>          | EUR 3 billion for the period 2021-2027   |
| <b>COUNTRY</b>            | EU   |
| <b>MANAGING AUTHORITY</b> | Public-private partnership comprising the Climate-KIC Association and the Climate-KIC Holding. The Association operates through the Climate-KIC Holding. |
| <b>CONTACT</b>            | <a href="https://www.climate-kic.org/contact-us/">https://www.climate-kic.org/contact-us/</a>  |
| <b>WEBSITE</b>            | <a href="https://www.climate-kic.org/">https://www.climate-kic.org/</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b>European Institute of Innovation and Technology (EIT)</b>  |
| <b>SUB-PROGRAMME</b>      | <b><i>EIT InnoEnergy</i></b>  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: risk investment   |
| <b>OBJECTIVES</b>         | <p>To be the leading engine for innovation and entrepreneurship in the field of sustainable energy.</p> <p>Sustainability will be achieved by addressing:</p> <ul style="list-style-type: none"> <li>the reduction of the cost in the energy value chain (supply, transport, storage, distribution and retail);</li> <li>the increase of security (autonomy vis-à-vis the resource holders, intrinsic operational security); and</li> <li>the reduction of CO2 and other greenhouse gas emissions.</li> </ul> |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>SUPPORTED ACTIONS</b>            | Innovation/venture projects bringing the next big innovation in sustainable energy   |
| <b>TECHNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: research |
| <b>COFINANCING or INTEREST RATE</b> | Co-funding $\leq$ 30%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2014-2020 – supporting Horizon 2020<br>2021-2027 – supporting Horizon Europe  |
| <b>RESOURCES</b>          | EUR 3 billion for the period 2021-2027  |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public-private partnership  |
| <b>CONTACT</b>            | <a href="https://www.innoenergy.com/contact/">https://www.innoenergy.com/contact/</a>   |
| <b>WEBSITE</b>            | <a href="https://www.innoenergy.com/">https://www.innoenergy.com/</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b>LIFE</b>  |
| <b>SUB-PROGRAMME</b>      | <b><i>LIFE Environment</i></b>   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Support projects that contribute to the development and implementation of EU environmental policy and legislation in general and in the area of nature and biodiversity and on information,                                |

|                                     |   |
|-------------------------------------|---|
|                                     | communication and awareness raising campaigns in line with the priorities of the 7 <sup>th</sup> Environment Action Programme   |
| <b>SUPPORTED ACTIONS</b>            | Innovative projects that demonstrate new techniques and methods (mainly demonstration and market uptake projects)   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Projects implementing integrated and comprehensive policies for sustainable urban planning and design through innovative approaches regarding urban public transport and mobility, sustainable buildings, energy efficiency or urban biodiversity conservation; <ul style="list-style-type: none"> <li>– Local and regional energy projects addressing air quality and emission reductions in atmospheric particulate matter (PM) hotspots in areas with continued high use of coal and biomass burning heating applications.</li> </ul> |
| <b>COFINANCING or INTEREST RATE</b> | 60% of total eligible costs   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>No fixed minimum size for project budgets</p> <p>Large projects (i.e. over EUR 5 million total costs)</p> <p>Small projects (below EUR 500k) with limited output are rarely selected</p>   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university  |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|---------------------------|--|
|                           | <input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | 2014-2020<br>The EU LIFE programme will continue in the period 2021-2027   |
| <b>RESOURCES</b>          | EUR 3.4 billion<br>For the remaining three years of the programme (2018-2020) the budget is over EUR 1.6 billion<br>The funding for the period 2021-2027 will be increased by 60%  |
| <b>COUNTRY</b>            | EU   |
| <b>MANAGING AUTHORITY</b> | Public authority – The Executive Agency for Small and Medium-sized Enterprises (EASME)   |
| <b>CONTACT</b>            | LIFE National Contact Point;<br><a href="mailto:easme-life@ec.europa.eu">easme-life@ec.europa.eu</a>   |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/easme/en/life">https://ec.europa.eu/easme/en/life</a>  |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b>LIFE</b>  |
| <b>SUB-PROGRAMME</b>        | <b><i>LIFE Climate Action</i></b>  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | Support for projects focusing on reduction of greenhouse gas emissions, increasing resilience to climate change and/or promoting awareness raising on climate matters.   |
| <b>SUPPORTED ACTIONS</b>    | Type of actions/projects supported by the programme  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Projects that share and develop expertise across Europe on the challenges and opportunities related to the 2030 climate and energy policy objectives and highlight the potential in the Member |

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|------------------|--|-----------------|---------|
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|-------------------------------------|--|
|                                     | States for further mainstreaming climate and energy into macro-economic policies   |
| <b>COFINANCING or INTEREST RATE</b> | 60% of total eligible costs  |
| <b>RANGE OF FUNDING PER PROJECT</b> | No fixed minimum size for project budgets<br>Large projects (i.e. over EUR 5 million total costs)<br>Small projects (below EUR 500k) with limited output are rarely selected   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 2014-2020<br>The EU LIFE programme will continue in the period 2021-2027   |



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|---------------------------|--|
|                           | The EU LIFE Climate Action will in the period 2021-2027 also include a sub-programme on 'Climate Change Mitigation and Adaptation'   |
| <b>RESOURCES</b>          | <p>EUR 3.4 billion</p> <p>For the remaining three years of the programme (2018-2020) the budget is over EUR 1.6 billion</p> <p>The funding for the period 2021-2027 will be increased by 60%</p> |
| <b>COUNTRY</b>            | EU   |
| <b>MANAGING AUTHORITY</b> | Public authority – The Executive Agency for Small and Medium-sized Enterprises (EASME)   |
| <b>CONTACT</b>            | <p>LIFE National Contact Point;</p> <p><a href="mailto:easme-life@ec.europa.eu">easme-life@ec.europa.eu</a></p>  |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/easme/en/life">https://ec.europa.eu/easme/en/life</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>INTERREG: European Territorial Co-operation (ETC)</i></b>   |
| <b>SUB-PROGRAMME</b>      | <p><b>Cross-Border Cooperation (INTERREG A)</b></p> <p><b>Transnational Cooperation (INTERREG B)</b></p> <p><b>Interregional Cooperation (INTERREG C)</b></p>   |
| <b>TYPE OF INSTRUMENT</b> | <p><input checked="" type="checkbox"/> Grant</p> <p><input type="checkbox"/> Loan</p> <p><input type="checkbox"/> Guarantee</p> <p><input type="checkbox"/> Equity</p> <p><input type="checkbox"/> Subsidy</p> <p><input type="checkbox"/> Other:</p> |
| <b>OBJECTIVES</b>         | INTERREG A aims to tackle common challenges identified jointly in border regions and to exploit the untapped growth potential in border   |

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|------------------|--|-----------------|---------|
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|-------------------------------------|--|
|                                     | <p>areas, while enhancing the cooperation process for the purposes of the overall development of the EU via investment in innovation, etc.</p> <p>INTERREG B involves regions from several countries and aims to promote better cooperation and regional development within the EU through a joint approach to tackle common issues.</p> <p>INTERREG C builds networks to develop good practice and facilitate the exchange and transfer of knowledge and experience at pan-European level. The actions funded have to fall into one of the following categories: Research and innovation, SME competitiveness, Low-carbon economy and Environment and resource efficiency</p> |
| <b>SUPPORTED ACTIONS</b>            | Cooperation projects tackling common challenges on innovation, research, sustainable energy, climate adaptation and transport  |
| <b>TEHCNOLOGIES COVERED</b>         | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> geothermal</li> <li><input checked="" type="checkbox"/> solar thermal</li> <li><input checked="" type="checkbox"/> biomass</li> <li><input checked="" type="checkbox"/> District heating and cooling</li> <li><input checked="" type="checkbox"/> Heat pump</li> <li><input checked="" type="checkbox"/> Thermal energy storage</li> <li><input checked="" type="checkbox"/> Cogeneration</li> <li><input checked="" type="checkbox"/> Integrated solutions</li> <li><input type="checkbox"/> Other:</li> </ul>   |
| <b>COFINANCING or INTEREST RATE</b> | <p>Up to 85% of project activities</p> <p>Public bodies and bodies governed by public law – co-finance rate of 85%</p> <p>Private non-profit bodies at a rate of 75%</p> <p>Norwegian organisation at a rate of 50%</p>  |

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|-------------------------------------|---|
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>The average total budget of a project is EUR 1-2 million. (depending on the number of partners involved)</p> <p>*Different conditions apply for INTERREG B, covering larger areas of co-operation such as the Baltic Sea, Alpine and Mediterranean regions, as well as some non-EU countries, for which calls for proposals are published throughout the programme period</p>  |
| <b>BENEFICIARIES</b>                | <p><input type="checkbox"/> university</p> <p><input type="checkbox"/> research centre</p> <p><input type="checkbox"/> public authorities</p> <p><input type="checkbox"/> start-up</p> <p><input type="checkbox"/> SME</p> <p><input type="checkbox"/> mid-cap company</p> <p><input type="checkbox"/> large company</p> <p><input type="checkbox"/> NGO</p> <p><input checked="" type="checkbox"/> Other:</p> <p><u>INTERREG A:</u></p> <ul style="list-style-type: none"> <li>– Public authorities on local, regional and national levels;</li> <li>– Institutions governed by public law (e.g. regional development agencies, business support organisations, universities);</li> <li>– Private non-profit bodies.</li> </ul> <p><u>INTERREG B &amp; C:</u></p> <ul style="list-style-type: none"> <li>– Public authorities on local, regional and national levels;</li> <li>– Managing authorities and intermediate bodies in charge of the 'Investment for Growth and Jobs' or 'European Territorial Cooperation' programmes;</li> <li>– Agencies, research institutes, thematic and non-profit organisations, when, these types of organisations engage with local policymakers in order to identify options for collaboration. These organisations must be based in the EU.</li> </ul> |

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|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2014 – 2020<br>INTERREG Europe will continue in 2021 – 2027   |
| <b>RESOURCES</b>          | <ul style="list-style-type: none"> <li>• INTERREG A has a budget of EUR 6.6 billion;</li> <li>• INTERREG B has a budget of EUR 2.1 billion;</li> <li>• INTERREG C has a budget of EUR 359 million.</li> </ul> INTERREG funding for 2021-2027 will be cut by 12 %; and the INTERREG Europe interregional programme will most likely not continue |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | National points of contact ( <a href="https://www.interregeurope.eu/contact-us/national-points-of-contact/">https://www.interregeurope.eu/contact-us/national-points-of-contact/</a> )  |
| <b>WEBSITE</b>            | <a href="https://www.interregeurope.eu/">https://www.interregeurope.eu/</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b>Connecting Europe Facility (CEF)</b>  |
| <b>SUB-PROGRAMME</b>      | <b>CEF – Energy</b>  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity |

|                             |   |
|-----------------------------|---|
|                             | <input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Project bonds  |
| <b>OBJECTIVES</b>           | <p>Upgrading of existing and development of new energy transmission infrastructures of European importance in order for it to be able to match future demand for energy, ensure security of supply or to support large-scale deployment of energy from renewable sources.</p> <p>CEF Energy supports projects of common interest that pursue one or more of the following objectives:</p> <p>1) Increasing competitiveness by promoting the further integration of the internal energy market and the interoperability of electricity and gas networks across borders;</p> <p>2) Enhancing the EU's security of energy supply;</p> <p>3) Contributing to sustainable development and protection of the environment, by the integration of energy from renewable sources into the transmission network and by the development of smart energy and carbon dioxide networks.</p> |
| <b>SUPPORTED ACTIONS</b>    | Technologies in the demonstration phase (TRL 9), i.e, Projects of Common Interest for the whole Europe  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |

|                                     |  |
|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | <p>Expected maximum grant percentage is 50%</p> <p>The funding rates may be increased to a maximum of 75% for certain actions with exceptionally high impact</p>   |
| <b>RANGE OF FUNDING PER PROJECT</b> | No range requirements regarding the requested financial contribution   |
| <b>BENEFICIARIES</b>                | <p><input type="checkbox"/> university</p> <p><input type="checkbox"/> research centre</p> <p><input type="checkbox"/> public authorities</p> <p><input type="checkbox"/> start-up</p> <p><input type="checkbox"/> SME</p> <p><input type="checkbox"/> mid-cap company</p> <p><input type="checkbox"/> large company</p> <p><input type="checkbox"/> NGO</p> <p><input checked="" type="checkbox"/> Other:</p> <ul style="list-style-type: none"> <li>– One or more Member States;</li> <li>– International organisations, joint undertakings, or public or private undertakings or bodies established in Member States (with the agreement of the Member States concerned)</li> <li>– Where necessary, 3<sup>rd</sup> countries and entities established in 3<sup>rd</sup> countries may participate as well</li> </ul> |
| <b>TARGET AREA</b>                  | <p><input checked="" type="checkbox"/> European Union</p> <p><input type="checkbox"/> MSs:</p> <p><input type="checkbox"/> MSs' region/s:</p> <p><input type="checkbox"/> Other:</p>   |
| <b>TIMEFRAME</b>                    | 2014 – 2020  |

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|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
|                           | The CEF programme will continue in 2021 – 2027  |
| <b>RESOURCES</b>          | Overall budget of more than EUR 33 billion<br>CEF Energy – EUR 5.85 billion<br>For 2021-2027 period – CEF Energy budget – EUR 8.7 billion           |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public Authority (Innovation and Networks Executive Agency (INEA))  |
| <b>CONTACT</b>            | <a href="https://ec.europa.eu/inea/en/mission-objectives/contact-us">https://ec.europa.eu/inea/en/mission-objectives/contact-us</a>                 |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/inea/en/connecting-europe-facility/cef-energy">https://ec.europa.eu/inea/en/connecting-europe-facility/cef-energy</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b>Project Development Assistance (PDA)</b>  |
| <b>SUB-PROGRAMME</b>      | <b>ELENA</b>   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Support for technical assistance focused on the implementation of energy efficiency, distributed renewable energy and urban transport projects and programmes.   |
| <b>SUPPORTED ACTIONS</b>  | Feasibility and market studies, programme structuring, business plans, energy audits and financial structuring, as well as preparation of tendering procedures, contractual arrangements and project implementation units. |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |   |
|-------------------------------------|---|
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Up to 90% of eligible project development costs<br>The beneficiary is expected to put up a percentage (minimum 10%)   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Typically, projects above EUR 30 million are supported<br>Smaller projects are supported when they are integrated into larger investment programmes   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Any public or private entity/project promoters such as local, regional or national authorities, transport authorities and operators, |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | social housing operators, and other companies (e.g. estate managers, retail chains, energy service companies)   |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2014 – 2020<br>It is expected that the programme will continue in 2021 – 2027   |
| <b>RESOURCES</b>          | Annual grant budget is currently around EUR 30 million  |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority (European Commission and European Investment Bank)   |
| <b>CONTACT</b>            | <a href="https://www.eib.org/en/infocentre/contact-form.htm">https://www.eib.org/en/infocentre/contact-form.htm</a>   |
| <b>WEBSITE</b>            | <a href="https://www.eib.org/en/products/advising/elena/index.htm">https://www.eib.org/en/products/advising/elena/index.htm</a>                                   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b>Project Development Assistance (PDA)</b>  |
| <b>SUB-PROGRAMME</b>      | <b><i>Horizon 2020 Topic LC-SC3-B4E-13-2020</i></b>  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

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|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>OBJECTIVES</b>                   | <p>Supporting building technical, economic and legal expertise needed for project development and leading to the launch of concrete investments for:</p> <ul style="list-style-type: none"> <li>Existing public and private buildings including social housing, with the aim to significantly decrease energy consumption in heating/cooling and electricity;</li> <li>Energy efficiency of industry and service; energy efficiency in all modes of urban transport (such as highly efficient transport fleets, efficient freight logistics in urban areas, e-mobility and modal change and shift); and</li> <li>Energy efficiency in existing infrastructures such as street lighting, district heating/cooling and water/wastewater services.</li> </ul>   |
| <b>SUPPORTED ACTIONS</b>            | <p>Coordination and Support Actions (TRL 9)</p> <p>Actions with innovative financing and organisation of the project</p>   |
| <b>TEHCNOLOGIES COVERED</b>         | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> geothermal</li> <li><input checked="" type="checkbox"/> solar thermal</li> <li><input checked="" type="checkbox"/> biomass</li> <li><input checked="" type="checkbox"/> District heating and cooling</li> <li><input checked="" type="checkbox"/> Heat pump</li> <li><input checked="" type="checkbox"/> Thermal energy storage</li> <li><input checked="" type="checkbox"/> Cogeneration</li> <li><input checked="" type="checkbox"/> Integrated solutions</li> <li><input checked="" type="checkbox"/> Other: Any investments into distributed, small-scale renewable energy sources must be combined with energy efficiency and the main focus should lie on capturing untapped high energy efficiency potentials</li> </ul> |
| <b>COFINANCING or INTEREST RATE</b> | The EU funds 100% of eligible costs  |

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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>EUR 0.5 –1.5 million</p> <p>Every million Euro of H2020 support should trigger investments worth at least EUR 15 million (1:15 ratio), such that the total investment portfolio is EUR 7.5 – 50 million.</p>   |
| <b>BENEFICIARIES</b>                | <p><input type="checkbox"/> university</p> <p><input type="checkbox"/> research centre</p> <p><input type="checkbox"/> public authorities</p> <p><input type="checkbox"/> start-up</p> <p><input type="checkbox"/> SME</p> <p><input type="checkbox"/> mid-cap company</p> <p><input type="checkbox"/> large company</p> <p><input type="checkbox"/> NGO</p> <p><input checked="" type="checkbox"/> Other: Public and private project promoters such as public authorities or their groupings, public/private infrastructure operators and bodies, energy service companies, retail chains, large property owners and services/industry</p> |
| <b>TARGET AREA</b>                  | <p><input checked="" type="checkbox"/> European Union</p> <p><input type="checkbox"/> MSs:</p> <p><input type="checkbox"/> MSs' region/s:</p> <p><input type="checkbox"/> Other:</p>  |
| <b>TIMEFRAME</b>                    | <p>2020</p> <p>The PDA call is expected to continue in 2021 – 2027</p>  |
| <b>RESOURCES</b>                    | EUR 16 million (2020)   |
| <b>COUNTRY</b>                      | EU  |

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|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | Public Authority (Executive Agency for Small and Medium-sized Enterprises)  |
| <b>CONTACT</b>            | <a href="https://ec.europa.eu/easme/en/contact">https://ec.europa.eu/easme/en/contact</a>   |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/easme/en/section/horizon-2020-energy-efficiency/finance-and-services-sustainable-energy">https://ec.europa.eu/easme/en/section/horizon-2020-energy-efficiency/finance-and-services-sustainable-energy</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b>URBACT III</b>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | Enabling cities to work together and develop integrated solutions to common urban challenges, by networking, learning from one another's experiences, drawing lessons and identifying good practices to improve urban policies  |
| <b>SUPPORTED ACTIONS</b>    | Activities such as capacity building for urban stakeholders, expertise at project and programme level and National URBACT points  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump |

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|------------------|--|-----------------|---------|
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|                                     | <input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Energy related solutions could be a topic under this programme, however, projects implementing solutions are not eligible   |
| <b>COFINANCING or INTEREST RATE</b> | <ul style="list-style-type: none"> <li>• less developed and transition regions receive up to 85 % ERDF contribution</li> <li>• more developed regions receive up to 70 % ERDF contribution;</li> <li>• partners from Switzerland shall be co-financed at up to 50 % by a Swiss national fund;</li> <li>• Norway is a partner state of the URBACT programme and Norwegian cities may participate in Transfer Network at their own cost</li> </ul> |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 600k – 750k for the activity to share good practice within the Transfer network  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|---------------------------|--|
|                           | <p>Main beneficiaries: Cities, municipalities, metropolitan authorities and similar organisations</p> <p>Other beneficiaries: local agencies, provincial, regional and national authorities, universities and research centres</p> |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | <p>2014 – 2020</p> <p>It is expected that URBACT will continue in 2021 – 2027 in reorganised format</p>  |
| <b>RESOURCES</b>          | EUR 96.3 million   |
| <b>COUNTRY</b>            | EU   |
| <b>MANAGING AUTHORITY</b> | Public Authority (The Commissariat Général à l'Egalité des Territoires (General Commissariat for Territorial Equality))  |
| <b>CONTACT</b>            | <a href="https://urbact.eu/contact">https://urbact.eu/contact</a>  |
| <b>WEBSITE</b>            | <a href="https://urbact.eu/">https://urbact.eu/</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Urban Innovative Actions (UIA)</i></b>  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|                                     | <input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Support for the testing of innovative and creative solutions to address urban challenges.  |
| <b>SUPPORTED ACTIONS</b>            | Effective and highly innovative solutions to urban challenge(s)  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | Co-financing up to 80% of the eligible costs, while every partner organisation has to put up 20% of the funding for the project  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 1 – 5 million  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company  |

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|---------------------------|---|
|                           | <input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Main beneficiary: Urban authority or grouping/association of urban authorities |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2014 – 2020<br>It is expected that UIA will continue in 2021 – 2027 in reorganised format   |
| <b>RESOURCES</b>          | EUR 372 million   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public Authority  |
| <b>CONTACT</b>            | <a href="https://uia-initiative.eu/en/contact">https://uia-initiative.eu/en/contact</a>   |
| <b>WEBSITE</b>            | <a href="https://uia-initiative.eu/en">https://uia-initiative.eu/en</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>NER300/Innovation Fund</i></b>  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity |



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|------------------|--|-----------------|---------|
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|                                     | <input type="checkbox"/> Subsidy<br><br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Supporting a wide range of CCS technologies and RES technologies (bioenergy, concentrated solar power, photovoltaics, geothermal, wind, ocean, hydropower, and smart grids) in order to establish a demonstration programme comprising the best possible CCS and RES projects and involving all member states.   |
| <b>SUPPORTED ACTIONS</b>            | First-of-a-kind demonstration project (TRL 5-7) / first-of-a-kind project combined with support of proven technologies with an unused carbon-reduction potential (TRL 8-9)   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 50% of the relevant costs (unless the total request for public funding (relevant costs minus operator contribution) would be less than 50 % of the relevant costs and the total amount of funding under the NER 300 Decision would exceed 15 % of the 300 million allowances available)  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 7 to EUR 203 million   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university   |

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|------------------|--|-----------------|---------|
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|---------------------------|---|
|                           | <input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Banks and Investment funds |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2009 – 2017<br><br>Continuation of the programme in 2021 – 2030 period under the name NER 400 Innovation Fund with part of the funding available before 2021  |
| <b>RESOURCES</b>          | EUR 2.1 billion<br><br>EUR 10.7 billion for 2021 – 2030   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="https://ec.europa.eu/clima/contact_en">https://ec.europa.eu/clima/contact_en</a>   |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/clima/policies/innovation-fund/ner300_en">https://ec.europa.eu/clima/policies/innovation-fund/ner300_en</a><br><a href="https://ec.europa.eu/clima/policies/innovation-fund_en">https://ec.europa.eu/clima/policies/innovation-fund_en</a>  |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b>EUREKA</b>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | Enhancing European competitiveness by fostering innovation-driven entrepreneurship in Europe, between small and large industry, research institutes and universities  |
| <b>SUPPORTED ACTIONS</b>    | Transnational, market-driven innovative research and development projects   |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |

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|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | <p>Varying rates of EU co-financing (depending on available budget and national country budget of the participating countries) – 60 % - 70 % of the eligible costs</p> <p>The beneficiary needs to secure the remaining funds from public or private contribution to complete its budget either from its own resources or from other sources</p>   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>~ EUR 1.74 million</p> <p>EUR 2 - 15 million for the average size EUREKA network cluster project</p>  |
| <b>BENEFICIARIES</b>                | <p><input checked="" type="checkbox"/> university</p> <p><input checked="" type="checkbox"/> research centre</p> <p><input type="checkbox"/> public authorities</p> <p><input checked="" type="checkbox"/> start-up</p> <p><input checked="" type="checkbox"/> SME</p> <p><input type="checkbox"/> mid-cap company</p> <p><input checked="" type="checkbox"/> large company</p> <p><input type="checkbox"/> NGO</p> <p><input type="checkbox"/> Other:</p> |
| <b>TARGET AREA</b>                  | <p><input type="checkbox"/> European Union</p> <p><input type="checkbox"/> MSs:</p> <p><input type="checkbox"/> MSs' region/s:</p> <p><input type="checkbox"/> Other:</p>  |
| <b>TIMEFRAME</b>                    | <p>2018 – 2020</p> <p>2021 – 2027 continuation of the programme is planned</p>   |
| <b>RESOURCES</b>                    | N/A due to the combination of public and private funding   |

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|---------------------------|---|
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="mailto:info@eurekanetwork.org">info@eurekanetwork.org</a>          |
| <b>WEBSITE</b>            | <a href="https://www.eurekanetwork.org/">https://www.eurekanetwork.org/</a> |

|                              |   |
|------------------------------|---|
| <b>PROGRAMME</b>             | <i>Eurostars</i>  |
| <b>SUB-PROGRAMME</b>         | N/A   |
| <b>TYPE OF INSTRUMENT</b>    | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>            | Development of new products, processes and services through stimulating SMEs to lead international collaborative research and innovation projects by easing access to support and funding   |
| <b>SUPPORTED ACTIONS</b>     | Market-driven and innovative projects   |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | 40-65 % for SMEs<br>40-100 % for universities and other research organisations<br>Co-funding depends on the specific national budget and guidelines  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 100,000 – 500,000  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 2014 – 2020  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | EUR 1.14 billion  |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="https://www.eurostars-eureka.eu/contact-eureka-secretariat-0">https://www.eurostars-eureka.eu/contact-eureka-secretariat-0</a> |
| <b>WEBSITE</b>            | <a href="https://www.eurostars-eureka.eu/">https://www.eurostars-eureka.eu/</a>   |

|                              |  |
|------------------------------|--|
| <b>PROGRAMME</b>             | <i>LIFE Private Finance for Energy Efficiency (PF4EE)</i>  |
| <b>SUB-PROGRAMME</b>         | N/A  |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Portfolio-based credit risk protection |
| <b>OBJECTIVES</b>            | Increasing private financing for investments in energy efficiency projects by stimulating local financial beneficiaries to provide loans for investments in this.  |
| <b>SUPPORTED ACTIONS</b>     | Energy Efficiency projects   |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Up to 75 % of the capital cost of eligible investments  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 40,000 to EUR 1.125 million<br>Up to EUR 5 million in exceptional cases   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Private individuals |
| <b>TARGET AREA</b>                  | <input checked="" type="checkbox"/> European Union [At the moment, PF4EE is operating in the following EU Member States: Belgium, Croatia, Cyprus, Czech Republic, France, Greece, Italy, Portugal, and Spain]<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>TIMEFRAME</b>          | 2014 – 2020   |
| <b>RESOURCES</b>          | EUR 480 million   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority (European Investment Bank)                               |
| <b>CONTACT</b>            | <a href="https://pf4ee.eib.org/contact">https://pf4ee.eib.org/contact</a> |
| <b>WEBSITE</b>            | <a href="https://pf4ee.eib.org/">https://pf4ee.eib.org/</a>               |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i>European Fund for Strategic Investments (EFSI)</i>  |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>           | Reviving investment in strategic projects around Europe the continent to ensure that money reaches the real economy.   |
| <b>SUPPORTED ACTIONS</b>    | Demand-driven, strategic projects  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling     |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | Maximum 50%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | No limit<br>Projects should be: <ul style="list-style-type: none"> <li>• economically viable with the support of the fund;</li> <li>• sufficiently mature to be appraised on a global or local basis;</li> <li>• of European added value and consistent with EU policy priorities;</li> <li>• no geographic or sector quotas.</li> </ul>   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input checked="" type="checkbox"/> European Union   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:           |
| <b>TIMEFRAME</b>          | 2015 – 2020<br>The programme will be succeeded by the InvestEU Fund after 2020  |
| <b>RESOURCES</b>          | EUR 26 billion  |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority (European Investment Bank and European Commission)   |
| <b>CONTACT</b>            | <a href="https://www.eib.org/en/infocentre/contact/index.htm">https://www.eib.org/en/infocentre/contact/index.htm</a> |
| <b>WEBSITE</b>            | <a href="https://www.eib.org/en/efsi">https://www.eib.org/en/efsi</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Smart Finance for Smart Buildings</i>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Making investments in energy efficiency projects in residential buildings more attractive to private investors, through the intelligent use of EU grants as a guarantee<br>Major goals:                                    |

|                                     |  |
|-------------------------------------|--|
|                                     | <ol style="list-style-type: none"> <li>1. More effective use of public funds</li> <li>2. Assistance and aggregation</li> <li>3. De-risking</li> </ol>  |
| <b>SUPPORTED ACTIONS</b>            | Sustainable energy renovation in buildings   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: energy services companies; households  |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:                                     |
| <b>TIMEFRAME</b>          | 2014 - 2020   |
| <b>RESOURCES</b>          | ~ €10 billion   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="https://ec.europa.eu/info/departments/energy_en#contact">https://ec.europa.eu/info/departments/energy_en#contact</a>   |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/energy/topics/energy-efficiency/financing-energy-efficiency_en?redir=1">https://ec.europa.eu/energy/topics/energy-efficiency/financing-energy-efficiency_en?redir=1</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>European Energy Efficiency Fund</i>  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>OBJECTIVES</b>                   | Financing for energy efficiency, renewable energy and clean urban transport projects that can attract private capital while demonstrating the business case behind these investments and creating a credible track record  |
| <b>SUPPORTED ACTIONS</b>            | Cost-effective and mature sustainable energy projects  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2011 - 2020   |
| <b>RESOURCES</b>          | EUR 146.3 million   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="https://www.eeef.eu/contact.html">https://www.eeef.eu/contact.html</a>   |
| <b>WEBSITE</b>            | <a href="https://www.eeef.eu/">https://www.eeef.eu/</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>European Investment Fund</i>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input checked="" type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>OBJECTIVES</b>                   | Fostering EU objectives in the field of entrepreneurship, growth, innovation, research and development, employment and regional development.   |
| <b>SUPPORTED ACTIONS</b>            | N/A  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> NGO<br><input type="checkbox"/> Other:   |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="https://www.eif.org/generic/contacts/index.htm">https://www.eif.org/generic/contacts/index.htm</a>   |
| <b>WEBSITE</b>            | <a href="https://www.eif.org/what_we_do/where/index.htm">https://www.eif.org/what we do/where/index.htm</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>InnovFin</i>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input checked="" type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Facilitating and accelerating access to finance for innovative businesses and other innovative entities in Europe.   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>SUPPORTED ACTIONS</b>            | Research and innovation projects   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:                                     |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="https://www.eib.org/en/infocentre/contact-form.htm">https://www.eib.org/en/infocentre/contact-form.htm</a>   |
| <b>WEBSITE</b>            | <a href="https://www.eib.org/en/products/blending/innovfin/index.htm">https://www.eib.org/en/products/blending/innovfin/index.htm</a>                             |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>COSME</i></b>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input checked="" type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Fostering EU objectives in the field of entrepreneurship, growth, innovation, research and development, employment and regional development.  |
| <b>SUPPORTED ACTIONS</b>  | Type of actions/projects supported by the programme   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:   |
| <b>TARGET AREA</b>                  | <input checked="" type="checkbox"/> European Union   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2014 – 2020   |
| <b>RESOURCES</b>          | EUR 2.3 billion   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="mailto:EASME-COSME-ENQUIRIES@ec.europa.eu">EASME-COSME-ENQUIRIES@ec.europa.eu</a>                  |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/growth/smes/cosme_en">https://ec.europa.eu/growth/smes/cosme_en</a>           |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>National recovery and resilience plans</i>  |
| <b>SUB-PROGRAMME</b>      | See each national plant  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>         | Fund to mitigate the economic and social impact of the coronavirus pandemic and make European economies and societies more sustainable, resilient and better prepared for the challenges and opportunities of the green and digital transitions. At least 37% of the total budget to be spent on climate measures. |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>SUPPORTED ACTIONS</b>            | Depends on national priorities. National plans include: Sustainable energy renovation in buildings; building energy infrastructure; urban development (e.g. district heating).   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> Other:   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2021 - 2026   |
| <b>RESOURCES</b>          | ~ €672.5 billion  |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="mailto:EC-RECOVER@ec.europa.eu">EC-RECOVER@ec.europa.eu</a>  |
| <b>WEBSITE</b>            | <a href="#">Recovery and Resilience Facility</a>   <a href="#">European Commission (europa.eu)</a>  |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Horizon Europe – EU Mission on Climate Neutral and Smart Cities</i>   |
| <b>SUB-PROGRAMME</b>      |  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:                   |
| <b>OBJECTIVES</b>         | The Cities Mission will involve local authorities, citizens, businesses, investors as well as regional and national authorities to: <ul style="list-style-type: none"> <li>• deliver 100 climate-neutral and smart cities by 2030</li> </ul> |

|                                     |  |
|-------------------------------------|--|
|                                     | <ul style="list-style-type: none"> <li>ensure that these cities act as experimentation and innovation hubs to enable all European cities to follow suit by 2050</li> </ul>   |
| <b>SUPPORTED ACTIONS</b>            | Two new calls will contribute to the implementation of the Climate-neutral and Smart Cities Mission by providing support to cities to achieve climate neutrality. Actions under these calls will cover a wide range of subjects such as urban planning and design for climate-neutral cities, sustainable urban mobility, positive and clean energy districts.   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company  |



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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2021 - 2027  |
| <b>RESOURCES</b>          | <p>The <a href="#">first call</a> will be open 11 January 2022 – 26 April 2022, with an overall indicative budget of EUR 117 million.</p> <p>The <a href="#">second call</a> will be open 28 April 2022 – 6 September 2022, with an indicative budget of EUR 42 million.</p> |
| <b>COUNTRY</b>            | EU   |
| <b>MANAGING AUTHORITY</b> | Public authority   |
| <b>CONTACT</b>            | <a href="mailto:RTD-HORIZON-EUROPE-MISSION-CITIES@ec.europa.eu">RTD-HORIZON-EUROPE-MISSION-CITIES@ec.europa.eu</a>   |
| <b>WEBSITE</b>            | <a href="https://eumission.ec.europa.eu/en/mission/Climate-Neutral-and-Smart-Cities">EU Mission: Climate-Neutral and Smart Cities   European Commission (europa.eu)</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Innovation Fund ETS</i>  |
| <b>SUB-PROGRAMME</b>      |   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Subsidy<br><br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Funding for demonstration of innovative low-carbon technologies, including RES projects and enabling technologies through the revenue from ETS carbon allowances.  |
| <b>SUPPORTED ACTIONS</b>            | Support of demonstration and first of a kind projects, including RES installations and production lines for next generation renewable components.  |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | The Innovation Fund supports up to 60% of the relevant costs of projects. In case of large-scale projects the relevant costs are the additional capital and additional operational costs linked to the innovation during the 10 years after project's entry into operation. In case of small-scale projects, the relevant costs are defined as the project's capital expenditure.  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Two types of regular calls: <ul style="list-style-type: none"> <li>• Small-scale projects: 2.5-7.5 million €</li> <li>• Large-scale projects: Above 7.5 million €</li> </ul>   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><br><input checked="" type="checkbox"/> research centre  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|---------------------------|---|
|                           | <input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input checked="" type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2021 - 2030   |
| <b>RESOURCES</b>          | Resources dependent on carbon price. Expect to reach €10 billion.   |
| <b>COUNTRY</b>            | EU  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="https://europa.eu">National Contact Points (europa.eu)</a>   |
| <b>WEBSITE</b>            | <a href="https://europa.eu">Innovation Fund (europa.eu)</a>   |

### AUSTRIA

|                  |                                     |
|------------------|-------------------------------------|
| <b>PROGRAMME</b> | <i>Era-net Smart Energy systems</i> |
|------------------|-------------------------------------|

|                                     |  |
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| <b>SUB-PROGRAMME</b>                | JOINT CALL 2019 ON ENERGY STORAGE SOLUTIONS (MICALL19)   |
| <b>TYPE OF INSTRUMENT</b>           | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Develop integrated storage systems   |
| <b>SUPPORTED ACTIONS</b>            | RDD projects   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 2.9 million  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | EUR 22 million  |
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | Austrian Research Promotion Agency  |
| <b>CONTACT</b>            | Urban Peyker  |
| <b>WEBSITE</b>            | <a href="https://www.eranet-smartenergysystems.eu/Calls/SG_Plus_Calls/SG_Joint_Call_2019">https://www.eranet-smartenergysystems.eu/Calls/SG_Plus_Calls/SG_Joint_Call_2019</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>FFG General Programme</i></b>   |
| <b>SUB-PROGRAMME</b>      | Research and Development in the Austrian economy  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Strengthen the competitiveness of companies based in Austria by funding the development  |
| <b>SUPPORTED ACTIONS</b>            | New products, processes and services   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 50-70%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 3 million  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|---------------------------|--|
|                           | <input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:       |
| <b>TIMEFRAME</b>          | 12 months  |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Austria  |
| <b>MANAGING AUTHORITY</b> | FFG  |
| <b>CONTACT</b>            | Cathrien Czurda  |
| <b>WEBSITE</b>            | <a href="https://www.ffg.at/en/programme/general-programme">https://www.ffg.at/en/programme/general-programme</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Vorzeigeregion Energie (Model Region Energy)</i></b>  |
| <b>SUB-PROGRAMME</b>      | NEFI<br>GreenEnergyLab<br>WIVA P & G  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Develop model solutions for intelligent, safe and affordable energy and transport systems of the future  |
| <b>SUPPORTED ACTIONS</b>            | Projects in one of three flagship regions  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 20-40 million per flagship region  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company   |



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|------------------|--|-----------------|---------|
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| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|---------------------------|--|
|                           | <input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | N/A  |
| <b>RESOURCES</b>          | EUR 57 million   |
| <b>COUNTRY</b>            | Austria  |
| <b>MANAGING AUTHORITY</b> | Energy and Climate Fund, Ministry of Infrastructure  |
| <b>CONTACT</b>            | Wolfgang Hribernik   |
| <b>WEBSITE</b>            | <a href="https://www.vorzeigeregion-energie.at/informationen/forschungsprogramm/">https://www.vorzeigeregion-energie.at/informationen/forschungsprogramm/</a>                    |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Smart Cities Demo</i>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

|                                     |  |
|-------------------------------------|--|
| <b>OBJECTIVES</b>                   | Contribute to the Austrian government's climate and energy strategy and support Austrian communities and their citizens to participate actively in the energy system.  |
| <b>SUPPORTED ACTIONS</b>            | Innovative city projects that are focused on demonstration   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO   |

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|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|---------------------------|---|
|                           | <input type="checkbox"/> Other:   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | Klima Energie Fonds   |
| <b>CONTACT</b>            | Johannes Bockstefl  |
| <b>WEBSITE</b>            | <a href="https://www.klimafonds.gv.at/call/smart-cities-demo-living-urban-innovation-2019/">https://www.klimafonds.gv.at/call/smart-cities-demo-living-urban-innovation-2019/</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Stadt der Zukunft (City of the future)</i>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Develop new technologies, technological (sub) systems, urban services  |
| <b>SUPPORTED ACTIONS</b>  | Innovative additional costs  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|---|
| <b>TEHNOLOGIES COVERED</b>          | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Resource efficiency |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 2 million   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i>  |

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|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|---------------------------|---|
|                           | <input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | 12-36 months  |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | Federal Ministry for Climate Protection , Environment , Energy , Mobility , Innovation and Technology (BMK)         |
| <b>CONTACT</b>            | Katrin Bolovich   |
| <b>WEBSITE</b>            | <a href="https://www.ffg.at/stadt-der-zukunft-programmlinie">https://www.ffg.at/stadt-der-zukunft-programmlinie</a> |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b><i>Energieforschung (Energy Research)</i></b>   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>           | Implement # mission2030 - The Austrian climate and energy strategy   |
| <b>SUPPORTED ACTIONS</b>    | Targeted development of technologies and components as well as their system integration  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | EUR 5 million  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | FFG   |
| <b>CONTACT</b>            | Manuel Binder<br>Maria Bürgermeister  |
| <b>WEBSITE</b>            | <a href="https://www.ffg.at/programm/energieforschung-das-programm">https://www.ffg.at/programm/energieforschung-das-programm</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b>BRIDGE</b>   |
| <b>SUB-PROGRAMME</b>        | BRIDGE 1 and BRIDGE Young Scientists  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | Further development and transfer of basic research findings to industrial application   |
| <b>SUPPORTED ACTIONS</b>    | Basic research projects conducted by consortia of partners involved in scientific research and industrial commercialisation   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | 80%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 360,000  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | Austria  |
| <b>MANAGING AUTHORITY</b>           | Austrian Research Promotion Agency – FFG   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                |   |
|----------------|---|
| <b>CONTACT</b> | Gabriele Küssler<br>Karin Ruzak   |
| <b>WEBSITE</b> | <a href="https://www.ffg.at/en/programme/bridge">https://www.ffg.at/en/programme/bridge</a> |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b>COIN</b>  |
| <b>SUB-PROGRAMME</b>        | Cooperation and Innovation   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | Foster Austria's innovation performance by the better and broader transposition of knowledge into innovation.  |
| <b>SUPPORTED ACTIONS</b>    | Application-oriented FEI projects  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>COFINANCING or INTEREST RATE</b> | 35% - 60%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 500,000   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 1-2 years   |
| <b>RESOURCES</b>                    | N/A   |
| <b>COUNTRY</b>                      | Austria   |
| <b>MANAGING AUTHORITY</b>           | Federal Ministry of Austria Digital and Economic Affairs  |
| <b>CONTACT</b>                      | Martin Reishofer<br>Brigitte Bednar   |
| <b>WEBSITE</b>                      | <a href="https://www.ffg.at/en/program/coin-cooperation-and-innovation-0">https://www.ffg.at/en/program/coin-cooperation-and-innovation-0</a>   |

|                                     |  |
|-------------------------------------|--|
| <b>PROGRAMME</b>                    | <i><b>FFG Feasibility Studies</b></i>  |
| <b>SUB-PROGRAMME</b>                | N/A  |
| <b>TYPE OF INSTRUMENT</b>           | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Support the creation of feasibility studies (proof of concept)   |
| <b>SUPPORTED ACTIONS</b>            | Feasibility studies  |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 60%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 48,000   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | EUR 80,000  |
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | FFG   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.ffg.at/en/programme/feasibility">https://www.ffg.at/en/programme/feasibility</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Promotion of Thermal Solar Systems</i>                                  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Promote the installation of high-quality thermal solar systems and expansion of the collector area.   |
| <b>SUPPORTED ACTIONS</b>            | System installation   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 30%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Depends on gross collector area   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Salzburg<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | State of Salzburg   |
| <b>CONTACT</b>            | DI Dr. Gerhard Löffler - gerhard.loeffler@salzburg.gv.at  |
| <b>WEBSITE</b>            | <a href="https://www.salzburg.gv.at/themen/energie/energie_foerderung/thermische-solaranlagen">https://www.salzburg.gv.at/themen/energie/energie_foerderung/thermische-solaranlagen</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Promotion of micro district heating network based on biomass</i>        |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Promote the construction of biomass central heating systems (wood chips, pellets, logs) in one building and the connection of other own buildings to this biomass district heating.  |
| <b>SUPPORTED ACTIONS</b>            | System construction  |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 30%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 2,500 - €4,500   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Salzburg<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | State of Salzburg   |
| <b>CONTACT</b>            | DI Dr. Gerhard Löffler - gerhard.loeffler@salzburg.gv.at  |
| <b>WEBSITE</b>            | <a href="https://www.salzburg.gv.at/themen/energie/energie_foerderung/mikro-fernwaermenetz">https://www.salzburg.gv.at/themen/energie/energie_foerderung/mikro-fernwaermenetz</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Connection to district / local heating of less than 100 kW connected load</i> |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan       |



## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | N/A  |
| <b>SUPPORTED ACTIONS</b>            | Connection to network  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 50%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Upper Austria<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2020 – 2022   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | Office of the Upper Austria: Department of Environmental Protection   |
| <b>CONTACT</b>            | foerderanleitung.us.post@ooe.gv.at  |
| <b>WEBSITE</b>            | <a href="https://www.land-oberoesterreich.gv.at/183183.htm">https://www.land-oberoesterreich.gv.at/183183.htm</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>State of Vienna</i>   |
| <b>SUB-PROGRAMME</b>      | Renewable Energy   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | N/A  |
| <b>SUPPORTED ACTIONS</b>            | Installations  |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Individuals   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Vienna<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | Until 31 December 2021   |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Austria  |
| <b>MANAGING AUTHORITY</b> | Technical Urban Renewal  |
| <b>CONTACT</b>            | post@ma25.wien.gv.at   |
| <b>WEBSITE</b>            | <a href="https://www.wien.gv.at/stadtentwicklung/energie/foerderungen/finden.html">https://www.wien.gv.at/stadtentwicklung/energie/foerderungen/finden.html</a>          |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Austria Wirtschaftsservice</i>  |
| <b>SUB-PROGRAMME</b>      | Energy & Climate   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Help smaller and medium-sized companies to introduce an energy management system and build up energy know-how  |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>SUPPORTED ACTIONS</b>            | Setting up energy management systems   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 50%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Up to EUR 50,000   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> MSs: <i>Austria</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | Up to 2 years   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Austria   |
| <b>MANAGING AUTHORITY</b> | Federal Ministry  |
| <b>CONTACT</b>            | Contact person for the programme  |
| <b>WEBSITE</b>            | <a href="https://www.aws.at/en/aws-energy-climate/">https://www.aws.at/en/aws-energy-climate/</a>                                     |

### BELGIUM

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i>Fonds de transition (Transition fund)</i>   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | This call aims to support innovative projects in the context of federal energy competencies  |
| <b>SUPPORTED ACTIONS</b>    | Projects that meet all relevant criteria and relate to research and development, investment in research infrastructure or innovation by SMEs.  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 100,000-5 million /project   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Belgium</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | One year 2020  |
| <b>RESOURCES</b>                    | EUR 25 million   |
| <b>COUNTRY</b>                      | Belgium  |
| <b>MANAGING AUTHORITY</b>           | Minister of Energy, Environment and Sustainable Development (Ministre de l'Energie, de l'Environnement et du Développement durable) (public)   |
| <b>CONTACT</b>                      | N/A  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                |   |
|----------------|---|
| <b>WEBSITE</b> | <a href="https://economie.fgov.be/fr/themes/energie/transition-energetique/fonds-de-transition">https://economie.fgov.be/fr/themes/energie/transition-energetique/fonds-de-transition</a> |
|----------------|---|

|                            |  |
|----------------------------|--|
| <b>PROGRAMME</b>           | <b><i>Aides à la recherche en énergie (Aid for Energy Research)</i></b>  |
| <b>SUB-PROGRAMME</b>       | Recherche industrielle (industrial research)   |
| <b>TYPE OF INSTRUMENT</b>  | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>          | Promote innovative projects with contribution to scientific progress in terms of the acquisition of new knowledge useful for the society   |
| <b>SUPPORTED ACTIONS</b>   | Industrial research project alone or in cooperation with companies   |
| <b>TEHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>COFINANCING or INTEREST RATE</b> | 40-70% of eligible expenses   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Wallonia<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | N/A   |
| <b>COUNTRY</b>                      | Belgium   |
| <b>MANAGING AUTHORITY</b>           | Service public de Wallonie (public)   |
| <b>CONTACT</b>                      | Monsieur Montfort Raymond<br>081/33.45.65 ou 67 (secrétariat)   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                |   |
|----------------|---|
|                | raymond.montfort@spw.wallonie.be  |
| <b>WEBSITE</b> | <a href="https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-projets-de-recherche/projet-de-recherche-industrielle/projet-de-r-d-en-recherche-industrielle.html">https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-projets-de-recherche/projet-de-recherche-industrielle/projet-de-r-d-en-recherche-industrielle.html</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Aide à l'investissement en matière d'énergies renouvelables (cogénération ou process)</i>  |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: an investment premium and exemption from property tax |
| <b>OBJECTIVES</b>           | Promoting environment protection and renewable & sustainable energy   |
| <b>SUPPORTED ACTIONS</b>    | Any company with a head office located in the Walloon Region and who carries out a program investment to promote environmental protection or the sustainable use of energy.   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|---|
|                                     | <input type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme – 40 – 55%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Wallonia - Belgium<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | Service public de Wallonie (public)   |
| <b>CONTACT</b>            | ingrid.thiry@spw.wallonie.be  |
| <b>WEBSITE</b>            | <a href="https://energie.wallonie.be/fr/aides-a-l-investissement-energies-renouvelables-cogeneration-ou-process.html?IDC=6953">https://energie.wallonie.be/fr/aides-a-l-investissement-energies-renouvelables-cogeneration-ou-process.html?IDC=6953</a> |

|                            |   |
|----------------------------|---|
| <b>PROGRAMME</b>           | <i>Aid for research and technology innovation</i>   |
| <b>SUB-PROGRAMME</b>       | N/A   |
| <b>TYPE OF INSTRUMENT</b>  | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>          | To encourage companies that carry out an investment program aimed at protecting the environment or the sustainable use of energy in the Walloon Region.   |
| <b>SUPPORTED ACTIONS</b>   | Type of actions/projects supported by the programme   |
| <b>TEHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling                |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme – 10-50%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Walloon region<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | Walloon public service (SPW)  |
| <b>CONTACT</b>            | ingrid.thiry@spw.wallonie.be  |
| <b>WEBSITE</b>            | <a href="https://www.wallonie.be/fr/demarches/beneficier-daides-la-recherche-et-linnovation-technologique">https://www.wallonie.be/fr/demarches/beneficier-daides-la-recherche-et-linnovation-technologique</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Financial support for the development or implementation of your innovative R &amp; D project</i>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>           | Supporting projects that ultimately aim to develop or implement innovative products, processes or services. This covers industrial research projects, experimental development and process or organizational innovation.              |
| <b>SUPPORTED ACTIONS</b>    | <ul style="list-style-type: none"> <li>• Industrial research</li> <li>• Experimental development</li> <li>• Process or organizational innovation</li> </ul>   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:             |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme   |
| <b>RANGE OF FUNDING PER PROJECT</b> | 15% to 70% of the costs   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Brussels-Capital Region  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|---------------------------|---|
|                           | <input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | Brussels-Capital Region (public)  |
| <b>CONTACT</b>            | Sebastian Serrano - sserrano@innoviris.brussels   |
| <b>WEBSITE</b>            | <a href="https://innoviris.brussels/fr/rd-projects">https://innoviris.brussels/fr/rd-projects</a> |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i>Innovative starters award</i>   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>           | Promoting start-up with a positive impact on the Brussels Region: job creation, economy, environment   |
| <b>SUPPORTED ACTIONS</b>    | Start-up with R&D included   |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|-------------------------------------|---|
|                                     | <input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: R&D   |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Max. EUR 500,000/project, max 3 projects  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Brussels regions<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | Max 36 months, starts first semester of 2020  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | EUR 1.5 million   |
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | Brussels-Capital Region (public)  |
| <b>CONTACT</b>            | dlittre@innoviris.brussels  |
| <b>WEBSITE</b>            | <a href="https://innoviris.brussels/fr/innovative-starters-award">https://innoviris.brussels/fr/innovative-starters-award</a> |

|                              |   |
|------------------------------|---|
| <b>PROGRAMME</b>             | <i>Easy'green</i>   |
| <b>SUB-PROGRAMME</b>         | N/A   |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>            | To promote SME and start-up to participate, through their investments, in the energy transition and the reduction of CO2 emissions.   |
| <b>SUPPORTED ACTIONS</b>     | All innovative projects that help reducing the GHG emissions  |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 1 million – 3 million  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Walloon region<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | Depending on the projects  |
| <b>RESOURCES</b>                    | N/A  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | Novallia  |
| <b>CONTACT</b>            | <a href="mailto:info@novallia.be">info@novallia.be</a>  |
| <b>WEBSITE</b>            | <a href="http://www.novallia.be/reussir-ma-transition-energetique/easygreen-cest-quoi">http://www.novallia.be/reussir-ma-transition-energetique/easygreen-cest-quoi</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b><i>CWALity DE 2019</i></b>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:                                   |
| <b>OBJECTIVES</b>           | Associate companies and research centers to develop new activities within the first mentioned.  |
| <b>SUPPORTED ACTIONS</b>    | The development and validation of products, processes, industrial design or new services (PPS) intended to be valued economically in the short term by partner companies.   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | 35%-75% of total budget  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Walloon region<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | Max 2 years  |
| <b>RESOURCES</b>                    | EUR 7 million  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | Public Service of Wallonia  |
| <b>CONTACT</b>            | cwality.dgo6@spw.wallonie.be  |
| <b>WEBSITE</b>            | <a href="https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-programmes-de-recherche/le-programme-cwality/programme-cwality.html">https://recherche-technologie.wallonie.be/fr/menu/acteurs-institutionnels/service-public-de-wallonie-services-en-charge-de-la-recherche-et-des-technologies/departement-de-la-recherche-et-du-developpement-technologique/direction-des-programmes-de-recherche/le-programme-cwality/programme-cwality.html</a> |

|                            |  |
|----------------------------|--|
| <b>PROGRAMME</b>           | <i>Financiële steun voor het realiseren van een innovatieve vernieuwing (Financial support for the realization of an innovation)</i>   |
| <b>SUB-PROGRAMME</b>       | N/A  |
| <b>TYPE OF INSTRUMENT</b>  | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>          | Promote innovation   |
| <b>SUPPORTED ACTIONS</b>   | Enterprises that make certain ecological professional investments in Flanders  |
| <b>TEHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | 25-50% - EUR 25.000- 3 million /project   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Flemish Region<br><input type="checkbox"/> Other:  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>TIMEFRAME</b>          | Max 2 years   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | Agentschap Innoveren & Ondernemen<br>Afdeling Innovatiesteun (public)   |
| <b>CONTACT</b>            | info@vlaio.be   |
| <b>WEBSITE</b>            | <a href="https://www.vlaio.be/nl/subsidies-financiering/ontwikkelingsproject">https://www.vlaio.be/nl/subsidies-financiering/ontwikkelingsproject</a> |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b><i>Onderzoeksproject (Research project)</i></b>   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>           | Expansion or strengthening of their research and development activities.   |
| <b>SUPPORTED ACTIONS</b>    | The implementation of individual projects by one or more companies. The project is based on an innovative idea that requires new knowledge and that research and possibly development activities must be carried out.      |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:             |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme   |
| <b>RANGE OF FUNDING PER PROJECT</b> | 25-60% - min. EUR 100.000   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Flemish region   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | VLAIO (public)  |
| <b>CONTACT</b>            | bedrijfsinnovatiesteun@vlaio.be   |
| <b>WEBSITE</b>            | <a href="https://www.vlaio.be/nl/subsidies-financiering/onderzoeksproject">https://www.vlaio.be/nl/subsidies-financiering/onderzoeksproject</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Belastingkrediet voor onderzoek en ontwikkeling (Tax credit for research and development)</i>  |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: Tax credit |
| <b>OBJECTIVES</b>           | Support for R&D   |
| <b>SUPPORTED ACTIONS</b>    | Investments environmentally friendly or for R&D/patents   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling                |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Belgium</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | N/A  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Belgium   |
| <b>MANAGING AUTHORITY</b> | Omgeving Vlaanderen (public)  |
| <b>CONTACT</b>            | attestOenO. Omgeving@vlaanderen.be  |
| <b>WEBSITE</b>            | <a href="https://www.vlaio.be/nl/subsidies-financiering/subsidi databank/belastingkrediet-voor-onderzoek-en-ontwikkeling">https://www.vlaio.be/nl/subsidies-financiering/subsidi databank/belastingkrediet-voor-onderzoek-en-ontwikkeling</a> |

### BULGARIA

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b>Bulgarian Energy Efficiency and Renewable Sources Fund (EERSF)</b>  |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>-----  |
| <b>OBJECTIVES</b>           | offers financing grants for projects aiming at improving the energy efficiency and supporting the use of renewable energy in public, industrial and residential buildings.   |
| <b>SUPPORTED ACTIONS</b>    | Types of eligible projects <ul style="list-style-type: none"> <li>• Refurbishment of buildings</li> <li>• Fuel replacement</li> <li>• Thermal insulation</li> <li>• Reconstruction of heat sources and heat distribution networks</li> <li>• Reconstruction of heating, ventilation, air-conditioning and lighting systems</li> <li>• Small cogeneration plants</li> </ul> |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br><br>   |
| <b>COFINANCING or INTEREST RATE</b> | The grants within the EERSF programme are provided by the World Bank, the Government of Austria, the Government of Bulgaria, DZI Bank, the companies Lukoil Bulgaria, Brunata Bulgaria and Enemona, and are being distributed through the Bulgarian Energy Efficiency Fund and Renewable Sources Fund.   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>Project Eligibility Criteria</p> <ul style="list-style-type: none"> <li>• The project must apply a well proven energy saving technology</li> <li>• At least 50 % of a project's benefits must come from energy savings</li> <li>• Investment payback period – up to 7 years</li> <li>• Investment range: BGN 30,000 – 3,000,000 (approx. € 15,338 – 1,533,800)</li> <li>• Annual interest rate</li> <li>• Project developer's equity contribution – at least:</li> <li>• 10 % in case of co-financing (EERSF &amp; commercial bank)</li> <li>• Credit maturity period: up to 7 years</li> </ul> |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                      |  |
|----------------------|--|
|                      | <ul style="list-style-type: none"> <li>• Partial Credit Guarantees (PCGs) – up to 80 % on a “pari passu” basis and up to 50% on a first-loss basis after the bank creditor but no more than BGN 800,000 (approx. € 409,030) of the approved bank credit.</li> <li>• Portfolio Guarantees – up to 5 % of the portfolio (but no more than BGN 800,000 (approx. € 409,030).</li> <li>• Guarantee Fees: 0.5 % to 2 % on an annual basis. Exceptions are possible.</li> </ul> |
| <b>BENEFICIARIES</b> | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:<br>Residential buildings       |
| <b>TARGET AREA</b>   | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Bulgaria</i><br><hr/> <input type="checkbox"/> MSs' region/s:<br><hr/> <input type="checkbox"/> Other:<br><hr/>  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
| <b>TIMEFRAME</b>          | Entry into force - 19.03.2009<br>Last amended on 20.07.2017  |
| <b>RESOURCES</b>          | The costs of the thermal rehabilitation subsidy are financed from the national budget (Art. 24 Act on Thermal rehabilitation). |
| <b>COUNTRY</b>            | Bulgaria   |
| <b>MANAGING AUTHORITY</b> | Bulgarian Energy Efficiency and Renewable Sources Fund (EERSF)   |
| <b>CONTACT</b>            | <a href="mailto:office_fses@fses.bg">office_fses@fses.bg</a>   |
| <b>WEBSITE</b>            | <a href="https://www.fses.bg/">https://www.fses.bg/</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b>Property tax reduction</b>   |
| <b>SUB-PROGRAMME</b>      |   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>.....   |
| <b>OBJECTIVES</b>         | The improvement of renewable energy in buildings is promoted through a tax rebate for building owners. This incentive scheme provides that a building that has been granted a class A or B energy performance certificate can be exempted from property tax for a longer period of time (between 3 and 10 years) if renewable energy technologies are used in the building. |

|                                     |   |
|-------------------------------------|---|
| <b>SUPPORTED ACTIONS</b>            | N/A   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>..... |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>.....                                     |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union          |
|                           | <input type="checkbox"/> MSs:<br><i>Bulgaria</i> |
|                           | <input type="checkbox"/> MSs' region/s:          |
|                           | <input type="checkbox"/> Other:                  |
| <b>TIMEFRAME</b>          | N/A  |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Bulgaria   |
| <b>MANAGING AUTHORITY</b> | N/A  |
| <b>CONTACT</b>            | N/A  |
| <b>WEBSITE</b>            | N/A  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b>Project "Bulgarian Municipalities Working Together to Improve Air Quality" (LIFE-IP Clean Air)</b>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>Local level grant scheme for RES heating systems. |

|                                     |   |
|-------------------------------------|---|
| <b>OBJECTIVES</b>                   | LIFE-IP Clean Air supports the implementation of the Air Quality Programs of the Sofia Municipality, Burgas Municipality, Ruse Municipality, Stara Zagora Municipality, Veliko Tarnovo Municipality and Montana Municipality. The main objective of the project is the improvement of air quality in the municipalities of Sofia, Burgas, Ruse, Stara Zagora, Veliko Tarnovo and Montana. The core instrument to achieve the objective is design and implementation of a scheme for transition to alternative forms of the household heating in the six municipalities. The scheme envisages transition from heating with wood and coal to heating with pellets, gas or use of the central heating network. |
| <b>SUPPORTED ACTIONS</b>            | N/A   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>Aerothermal, hydrothermal energy  |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                           |  |
|---------------------------|--|
|                           | <input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Bulgaria</i><br>.....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>.....  |
| <b>TIMEFRAME</b>          | N/A  |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Bulgaria   |
| <b>MANAGING AUTHORITY</b> | National Fund for Environmental Protection and Water Management  |
| <b>CONTACT</b>            | N/A  |
| <b>WEBSITE</b>            | <a href="http://lifeipcleanair.eu/en/index.html">http://lifeipcleanair.eu/en/index.html</a>  |

### CROATIA

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | Loan for the investments in public sector  |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | Encouraging projects for environmental protection, energy efficiency and renewable energy sources and the construction of social and business infrastructure in general.   |
| <b>SUPPORTED ACTIONS</b>    | Loan is focused on the area affected by the recent earthquakes and supports the recovery of the region. Main supported actions are preservation and adaptation of ecosystem through projects of green infrastructure.  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>COFINANCING or INTEREST RATE</b> | 1-2%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | At least 40,000 €   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br>Croatia<br><input checked="" type="checkbox"/> MSs' region/s:<br>Sisak-Moslavina County, Zagreb County and Karlovac County<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | N/A   |
| <b>COUNTRY</b>                      | Croatia   |
| <b>MANAGING AUTHORITY</b>           | Croatian Bank for Reconstruction and Development  |
| <b>CONTACT</b>                      | kreditiranje@hbor.hr  |
| <b>WEBSITE</b>                      | <a href="https://www.hbor.hr/kreditni_program/investicije-javnog-sektora/">https://www.hbor.hr/kreditni_program/investicije-javnog-sektora/</a>   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>PROGRAMME</b>                    | Energy Efficiency  |
| <b>SUB-PROGRAMME</b>                | N/A  |
| <b>TYPE OF INSTRUMENT</b>           | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Supporting the Energy Development Strategy of the Republic of Croatia until 2030 with an outlook to 2050   |
| <b>SUPPORTED ACTIONS</b>            | Energy refurbishment projects and the use of renewable energy sources, as well as various activities to encourage low-emission mobility.   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | Yet to be determined for the new financing period  |



|                                     |  |
|-------------------------------------|--|
| <b>RANGE OF FUNDING PER PROJECT</b> | Yet to be determined for the new financing period  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:<br>Citizens |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br>Croatia   |
|                                     | <input type="checkbox"/> MSs' region/s:<br><br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | Croatia  |
| <b>MANAGING AUTHORITY</b>           | Environmental Protection and Energy Efficiency Fund  |
| <b>CONTACT</b>                      | <a href="mailto:kontakt@fzoeu.hr">kontakt@fzoeu.hr</a>   |
| <b>WEBSITE</b>                      | <a href="https://www.fzoeu.hr/hr/energetska-ucinkovitost/1343">https://www.fzoeu.hr/hr/energetska-ucinkovitost/1343</a>  |

|                              |  |
|------------------------------|--|
| <b>PROGRAMME</b>             | Act on Renewable Energy Sources and Highly Effective Cogeneration (Feed-in premium for cogeneration)   |
| <b>SUB-PROGRAMME</b>         | N/A  |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>Financial scheme   |
| <b>OBJECTIVES</b>            | The main mechanism for the development of renewable energy sources has so far been the implementation of subsidized pricing. It is expected that this system of subsidies will continue in the forthcoming period for >500 kW plants. The Act on Renewable Energy Sources and Highly Efficient Cogeneration introduced an incentive scheme through premiums. |
| <b>SUPPORTED ACTIONS</b>     | To support the use of renewable energy sources in electricity generation and for highly efficient cogeneration to promote the use of renewable energy sources and energy efficiency through CBRD and EPEEF, and reconstruction and renovation of hot water and steam pipelines.  |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage  |

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: _____   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>The Law envisages within the defined quotas two types of renewable energy incentives:</p> <p><i>Premium incentives for projects greater than 500kW of installed power</i></p> <p>Through a public tender, the most favourable offers of preferential producers of electricity from renewable sources are selected to receive a premium from the Croatian operator of the energy market (HROTE) along with the market price they achieve on the electricity market</p> <p><i>Incentive through a guaranteed redemption price up to 500 kW</i></p> <p>Through a public tender the most favourable offers of preferential producers of electricity from renewable sources are selected who will secure the right of payment of HROTE's guaranteed purchase price.</p> |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: _____  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                    |   |
|--------------------|---|
|                    | Citizens  |
| TARGET AREA        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Croatia</i> |
|                    | <input type="checkbox"/> MSs' region/s:<br>   |
|                    | County<br><input type="checkbox"/> Other:<br>   |
|                    |   |
| TIMEFRAME          | 2020 - 2022   |
| RESOURCES          | N/A   |
| COUNTRY            | Croatia   |
| MANAGING AUTHORITY | Croatian operator of the energy market (HROTE)  |
| CONTACT            | <a href="mailto:hrote@hrote.hr">hrote@hrote.hr</a>  |
| WEBSITE            | <a href="https://www.hrote.hr/">https://www.hrote.hr/</a>   |

### CYPRUS

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Grant Scheme for Installation or Replacement of Solar thermal Systems</i></b>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>         | This Scheme aims to provide financial incentives in the form of government funding for the installation or replacement of an entire solar hot water system or replacement of solar panels in existing residential buildings.  |
| <b>SUPPORTED ACTIONS</b>  | <p>Actions:</p> <ul style="list-style-type: none"> <li>• Installation / Replacement of integrated solar water heating system (350 €/system if the solar panels are certified with solar key mark, 325 €/system if the solar panels are not certified with solar key mark)</li> <li>• Installation / Replacement of solar panels (175 €/system if the solar panels are certified with solar key mark, 150 €/system if the solar panels are not certified with solar key mark)</li> </ul> <p>Restrictions:</p> <ul style="list-style-type: none"> <li>• If the hot water cylinder has a capacity of up to 150Lt, it must be at least energy grade B (according to its energy label)</li> <li>• If the hot water cylinder has a capacity of above 150Lt (according to its energy label), it must be at least energy grade C</li> </ul> |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Fixed funding amount per system   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Residential buildings               |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> MSs:<br><br><input type="checkbox"/> MSs' region/s:<br><br><input checked="" type="checkbox"/> Other: All the areas under the control of the Republic of Cyprus as well as the areas within the British Bases. |
| <b>TIMEFRAME</b>          | Until the budget run out  |
| <b>RESOURCES</b>          | EUR 300,000   |
| <b>COUNTRY</b>            | Cyprus  |
| <b>MANAGING AUTHORITY</b> | Public Authority  |
| <b>CONTACT</b>            | Energy Service, Ministry of Energy, Commerce and Industry   |
| <b>WEBSITE</b>            | <a href="http://www.mcit.gov.cy/mcit/EnergySe.nsf/All/462B2B82CB8C7901C2258363002C7CC1?OpenDocument">http://www.mcit.gov.cy/mcit/EnergySe.nsf/All/462B2B82CB8C7901C2258363002C7CC1?OpenDocument</a>                                     |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Support Scheme for installation of High-efficiency Cogeneration Units for Own Power Consumption of up to 5MW</i>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><br><input type="checkbox"/> Loan<br><br><input type="checkbox"/> Guarantee<br><br><input type="checkbox"/> Equity<br><br><input type="checkbox"/> Subsidy<br><br><input checked="" type="checkbox"/> Other: Support Scheme under the methodology of net-billing |
| <b>OBJECTIVES</b>         | This Support scheme aims to promote high-efficiency electricity and heat generation units  |
| <b>SUPPORTED ACTIONS</b>  | The method of net-billing is applied to installations of combined heat and power (CHP) units fitted with fossil fuels, which can be located on any commercial or industrial premise (e.g. commercial or industrial   |

|                                     |   |
|-------------------------------------|---|
|                                     | units, public buildings, camps, schools, agricultural and livestock units). The installed power of each CHP system cannot exceed 5MW per installation and the total power for all units allocated to this scheme is 20MW.   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>Under the net-billing method:</p> <p>If the cost of exported electricity (from CHP unit) does not exceed the cost of imported electricity (from the grid), then the consumer will pay the difference for each billing period. Respectively, in the case where the cost of the exported electricity exceeds the cost of imported electricity, the surplus amount will be credited to the next billing period.</p> <p>The heat produced will be used for the own needs of the consumer</p> |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|---------------------------|--|
|                           | <input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br>Except Residential buildings |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input checked="" type="checkbox"/> Other: All the areas under the control of the Republic of Cyprus  |
| <b>TIMEFRAME</b>          | Until the installed capacity reaches 20 MW   |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Cyprus   |
| <b>MANAGING AUTHORITY</b> | Public Authority   |
| <b>CONTACT</b>            | Energy Service, Ministry of Energy, Commerce and Industry  |
| <b>WEBSITE</b>            | <a href="http://www.mcit.gov.cy/mcit/EnergySe.nsf/All/0526C7665625DF37C22582DB002C6F6A?OpenDocument">http://www.mcit.gov.cy/mcit/EnergySe.nsf/All/0526C7665625DF37C22582DB002C6F6A?OpenDocument</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Scheme for Promoting Saving and Upgrading of Households</i>  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|                             |   |
|-----------------------------|---|
|                             | <input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | The purpose is to renovate households to improve energy efficiency thanks to financial aid.   |
| <b>SUPPORTED ACTIONS</b>    | <p>Three types of actions:</p> <p>“Deep energy renovation of buildings” to achieve at least class B of energy efficiency (Energy performance certificate), or energy saving of at least 40% of total building consumption.</p> <p>“Deep energy renovation of buildings for upgrading to nearly zero-energy buildings.</p> <p>Implementation of individual energy saving measures for households with vulnerable consumers.</p> <p>All measures can include insulating of buildings, as well as replacement of heating and cooling system, installation of renewable energy systems for heating and cooling.</p> |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                                     |   |
|-------------------------------------|---|
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Maximum EUR 25.000 per building, and EUR 20.000 per apartment   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Others: Residential buildings and apartments (individuals) |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Republic of Cyprus<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | EUR 10.45 million   |
| <b>COUNTRY</b>                      | Cyprus  |
| <b>MANAGING AUTHORITY</b>           | Public – Industry and Technology Service MECIT  |
| <b>CONTACT</b>                      | Andreas Lizides - Industrial Extension Officer<br>Tel: +357 22867148<br>Email: alizides@mcit.gov.cy   |

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|------------------|--|-----------------|---------|
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|                |   |
|----------------|---|
| <b>WEBSITE</b> | <a href="http://www.mcit.gov.cy/mcit/sit/sit.nsf/32177ee11d0d6003c225816f001d4b05/b8725d5eeeb19230c225819200406dd5?OpenDocument">http://www.mcit.gov.cy/mcit/sit/sit.nsf/32177ee11d0d6003c225816f001d4b05/b8725d5eeeb19230c225819200406dd5?OpenDocument</a> |
|----------------|---|

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Sponsorship Plan - Upgrade Homes</i>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | The purpose is to improve energy use in existing buildings owned by permanent citizens of Cyprus.   |
| <b>SUPPORTED ACTIONS</b>    | Actions covered: purchase of equipment such as thermal insulation of walls, thermal insulation of floors and roofs, high energy efficiency boilers, high efficiency geothermal or hydrothermal pumps, solar water heater or solar panels, biomass boiler, waste energy recovery system.   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other: energy efficiency equipment, other RES for heat and cooling   |
| <b>COFINANCING or INTEREST RATE</b> | Grants awarded will cover between 50% and 75% of the project, depending on the investment to be made.   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Maximum EUR 25.000 per building, and EUR 20.000 per building unit   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Others: Residential buildings and apartments (individuals) |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Republic of Cyprus<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | EUR 10.4 million  |
| <b>COUNTRY</b>                      | Cyprus  |
| <b>MANAGING AUTHORITY</b>           | Public – Industry and Technology Service  |
| <b>CONTACT</b>                      | N/A   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                |   |
|----------------|---|
| <b>WEBSITE</b> | <a href="http://www.mcit.gov.cy/mcit/sit/sit.nsf/dab57a092c36651fc225816f001d2b7f/ceb345ece6c854afc22581670038aefb?OpenDocument">http://www.mcit.gov.cy/mcit/sit/sit.nsf/dab57a092c36651fc225816f001d2b7f/ceb345ece6c854afc22581670038aefb?OpenDocument</a> |
|----------------|---|

### CZECHIA

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | Státní Fond Životního Prostrředí České Republiky (State Environmental Fund of the Czech Republic)  |
| <b>SUB-PROGRAMME</b>        | HEAT   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>Ex post grant   |
| <b>OBJECTIVES</b>           | This program supports the use of RES and low-carbon sources primarily intended for heating, such as changing the fuel base and modernizing thermal energy distribution network.  |
| <b>SUPPORTED ACTIONS</b>    | Modernisation of the heating system – Reconstruction or replacement projects   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: |

|                                     |   |
|-------------------------------------|---|
|                                     | Waste to heat<br>-----  |
| <b>COFINANCING or INTEREST RATE</b> | 45-80%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Up to €15,000,000 <sup>1</sup>  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>----- |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Czech Republic</i><br>-----<br><input type="checkbox"/> MSs' region/s:<br>-----<br><input type="checkbox"/> Other:<br>-----   |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | €~570,000,000   |

<sup>1</sup> Amount for small projects under [HEAT call No.1/2021](#)



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Czech Republic  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.sfzp.cz/">https://www.sfzp.cz/</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | Fond pro Spravedlivou Transformaci (FST) (Just transition fund)   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>-----   |
| <b>OBJECTIVES</b>         | <ul style="list-style-type: none"> <li>Investment in technology deployment as well as in systems and infrastructures for affordable clean energy, including energy storage technologies and in reducing greenhouse gas emissions;</li> <li>Investments in the refurbishment and modernization of district heating networks in order to improve the energy efficiency of district heating systems and investments in heat production when based solely on renewable energy sources;</li> </ul> |
| <b>SUPPORTED ACTIONS</b>  | <ul style="list-style-type: none"> <li>A project covered by focus topics</li> <li>Investments are not related to production, processing, transport, distribution, storage or burning of fossil fuels</li> </ul>   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <ul style="list-style-type: none"> <li>• Clear intent to help the region to divert from coal – creating new jobs, helping coal industry workers to find a new job, landscape restoration after mining, etc.</li> <li>• In the case of large strategic projects, it will go through a transparent selection process at regional level and will be explicitly mentioned in the transformation plan approved by the European Commission</li> <li>• It is more comprehensive or not normally supported by other operational programs, the Modernization Fund or other support programs</li> </ul> |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>-----  |
| <b>COFINANCING or INTEREST RATE</b> | 85%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company  |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                           |  |
|---------------------------|--|
|                           | <input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>.....  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Czech Republic</i><br>.....<br><input checked="" type="checkbox"/> MSs' region/s:<br>Karlovarský kraj; Moravskoslezský kraj; Ústecký kraj<br>.....<br><input type="checkbox"/> Other:<br>..... |
| <b>TIMEFRAME</b>          | 2021-2027  |
| <b>RESOURCES</b>          | €1,580,000,000   |
| <b>COUNTRY</b>            | Czech Republic   |
| <b>MANAGING AUTHORITY</b> | Public authority   |
| <b>CONTACT</b>            | <a href="mailto:spravedlivatransformace@mzp.cz">spravedlivatransformace@mzp.cz</a>   |
| <b>WEBSITE</b>            | <a href="https://www.mzp.cz/en">https://www.mzp.cz/en</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | National Centres of Competence Programme  |
| <b>SUB-PROGRAMME</b>      | 2 <sup>nd</sup> call for proposals  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>.....   |
| <b>OBJECTIVES</b>                   | <ul style="list-style-type: none"> <li>• to increase the efficiency and quality of applied research and technology transfer in key fields with growth prospects;</li> <li>• to increase the competitiveness of enterprises;</li> <li>• to strengthen the excellence and application relevance of research organisations.</li> </ul>  |
| <b>SUPPORTED ACTIONS</b>            | Research and development projects focusing on modern energy and/or addressing the goals of the EU's Green Deal   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>..... |
| <b>COFINANCING or INTEREST RATE</b> | 80%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|---------------------------|---|
|                           | <input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Czech Republic</i><br>.....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>.....           |
| <b>TIMEFRAME</b>          | 16/12/2021 – 06/04/2022   |
| <b>RESOURCES</b>          | €253,480,800  |
| <b>COUNTRY</b>            | Czech Republic  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="mailto:info@tacr.cz">info@tacr.cz</a>  |
| <b>WEBSITE</b>            | <a href="https://www.tacr.cz/en/">https://www.tacr.cz/en/</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | Operational Programme Technologies and Applications for Competitiveness (OP TAK) 2021 – 2027 |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant   |

|                              |   |
|------------------------------|---|
|                              | <input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>Financial instruments (usually for small projects and projects with higher profitability)  |
| <b>OBJECTIVES</b>            | <p>A greener, low-carbon transition to a carbon-neutral economy and a resilient Europe by promoting a fair transition to clean energy, green and blue investment, a circular economy, climate change mitigation and adaptation, risk prevention and management, and sustainable urban mobility.</p> <ul style="list-style-type: none"> <li>• Promoting energy efficiency and reducing greenhouse gas emissions</li> <li>• Promotion of energy from renewable sources in accordance with Directive (EU) 2018/2001, including the sustainability criteria set out in that Directive</li> <li>• Development of intelligent energy systems, networks and storage outside the trans-European energy network TEN-E</li> <li>• Supporting the transition to a resource-efficient circular economy</li> </ul> |
| <b>SUPPORTED ACTIONS</b>     | N/A   |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>-----   |
| <b>COFINANCING or INTEREST RATE</b> | <ul style="list-style-type: none"> <li>• less developed regions - 85% (Moravia-Silesia, Northeast, Northwest, Central Moravia)</li> <li>• transition regions - 70% (in the period 2014–2020 these were less developed regions - Southeast, Southwest, Central Bohemia)</li> <li>• transition regions - 60%</li> <li>• more developed regions - 50% (in the period 2014-2020 they were transition regions)</li> <li>• more developed regions - 40% (capital city of Prague)</li> </ul> |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>-----  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Czech Republic</i><br>-----<br><input checked="" type="checkbox"/> MSs' region/s:   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|                           |  |
|---------------------------|--|
|                           | All regions except the Capital City of Prague<br><input type="checkbox"/> Other: _____           |
| <b>TIMEFRAME</b>          | 2021 – 2027  |
| <b>RESOURCES</b>          | EUR 3.2 billion (ca. €120,000,000 for the <i>Transition to carbon-neutral economy</i> objective) |
| <b>COUNTRY</b>            | Czech Republic   |
| <b>MANAGING AUTHORITY</b> | Public authority   |
| <b>CONTACT</b>            | <a href="mailto:programy@agentura-api.org">programy@agentura-api.org</a>                         |
| <b>WEBSITE</b>            | <a href="https://www.agentura-api.org/cs/op-tak/">https://www.agentura-api.org/cs/op-tak/</a>    |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | National Recovery Plan  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: _____   |
| <b>OBJECTIVES</b>         | Reviving and supporting the business affected by the COVID-19 pandemic. The money from the fund will help companies mitigate the effects of the crisis, support the digitization of your business, the introduction of innovations and other activities that will contribute to economic growth and job creation. |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |  |
|-------------------------------------|--|
|                                     | <ul style="list-style-type: none"> <li>• Reducing energy consumption</li> <li>• Industrial transformation and the transition to cleaner energy sources</li> </ul>  |
| <b>SUPPORTED ACTIONS</b>            | Modernisation of heating distribution systems  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>----- |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
|                           | -----   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Czech Republic</i><br><hr/> <input type="checkbox"/> MSs' region/s:<br><br><hr/> <input type="checkbox"/> Other:<br><br><hr/> |
| <b>TIMEFRAME</b>          | 2021 onwards  |
| <b>RESOURCES</b>          | €7,795,890,000 (6,9% for R&DI and 44,7% for infrastructure and green transition)  |
| <b>COUNTRY</b>            | Czech Republic  |
| <b>MANAGING AUTHORITY</b> | Public authority  |
| <b>CONTACT</b>            | <a href="mailto:npo@mpo.cz">npo@mpo.cz</a>  |
| <b>WEBSITE</b>            | <a href="https://www.planobnovy.cz/">https://www.planobnovy.cz/</a>   |

### DENMARK

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i><b>Tax regulation mechanism</b></i>   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: State Regulation Mechanism  |
| <b>OBJECTIVES</b>           | Heating from renewable sources is exempt from these taxes. Companies producing, processing, possessing, receiving or dispatching renewable energy products are exempt from paying tax.   |
| <b>SUPPORTED ACTIONS</b>    | In Denmark, different taxes are levied on the production, processing, possession, receipt and dispatch of fossil fuels for heating purposes, for example the energy tax on mineral oil products, taxes on coal, lignite and coke or the carbon dioxide tax on certain energy products. Renewable energy sources are exempt from these taxes, as they are not classed as taxable in the specific regulations. |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration                    |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | The amount of tax relief is equal to the tax rate entitled persons are exempt from.  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Denmark</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | The costs of the tax reliefs are borne by the state  |
| <b>COUNTRY</b>                      | Denmark  |
| <b>MANAGING AUTHORITY</b>           | Danish Ministry of Taxation  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                |   |
|----------------|---|
| <b>CONTACT</b> | +45 33 92 33 92; <a href="mailto:skm@skm.dk">skm@skm.dk</a>         |
| <b>WEBSITE</b> | <a href="https://www.skm.dk/foreign">https://www.skm.dk/foreign</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Financial risk coverage in connection with geothermal drilling</i>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Financial scheme supported by the state   |
| <b>OBJECTIVES</b>         | <p>Denmark has extensive geothermal resources, which in the future could meet a large share of Denmark's heating consumption needs with clean energy. The Energy Agreement promotes the adoption of new green solutions and technologies, including geothermal heat. The modernisation of the heating sector will help open the heating market for new technologies in collective heat production, thus providing the opportunity to increase the share of RE technologies (e.g. geothermal heat) in central areas. The reduced electrical heating tax will also make the use of heat pumps to extract geothermal heat considerably cheaper.</p> |
| <b>SUPPORTED ACTIONS</b>  | <p>The scheme providing financial risk coverage in connection with geothermal drilling was introduced in 2017. The scheme provides the option of limiting financial risk in connection with geothermal drilling. Companies with geothermal permits can also apply for coverage by the scheme, which they must pay for themselves. The scheme will be extended until the end of 2024. The parties agree to conduct an analysis of geothermal heat under the new framework to ensure that subsidy conditions are competitive with biomass in heat production.</p>  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |  |
|-------------------------------------|--|
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:                                     |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> MSs: <i>Denmark</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2017 - Ongoing  |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Denmark   |
| <b>MANAGING AUTHORITY</b> | Danish Energy Agency  |
| <b>CONTACT</b>            | <a href="mailto:ens@ens.dk">ens@ens.dk</a>  |
| <b>WEBSITE</b>            | <a href="https://ens.dk/en">https://ens.dk/en</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>“Energiteknologisk Udviklings- og Demonstrationsprogram” (EUDP)</i></b>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>         | <p>The programme “Energiteknologisk Udviklings- og Demonstrationsprogram” (EUDP) supports the development, demonstration and market-introduction of innovative sustainable energy technologies (§ 2 Act 555/2007). The aim of this programme is to promote the efficient use of energy and help Denmark to become independent from fossil energy by 2050.</p> |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                                     |   |
|-------------------------------------|---|
| <b>SUPPORTED ACTIONS</b>            | The scheme supports new technology in the energy field, which can help to meet Denmark's energy and climate goals. Funding will be allocated through a tender process. The tenders will take place 2-3 times a year. The decisions on the amount of funding to be provided and the projects to be supported are made by an independent committee appointed by the Minister of Climate, Energy and Building.   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | The precondition for receiving grants is that a private investor or applicant's partner is willing to finance more than a half of the project and to commercialise its results.   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company  |



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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|---------------------------|--|
|                           | <input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Denmark</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2007 - Ongoing   |
| <b>RESOURCES</b>          | The general EUDP pool offers DKK 250 million. kr.  |
| <b>COUNTRY</b>            | Denmark  |
| <b>MANAGING AUTHORITY</b> | Danish Energy Agency   |
| <b>CONTACT</b>            | <a href="mailto:ens@ens.dk">ens@ens.dk</a>   |
| <b>WEBSITE</b>            | <a href="https://ens.dk/en">https://ens.dk/en</a>  |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Danish Green Investment Fund</i></b>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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| <b>OBJECTIVES</b>                   | The Danish Green Investment Fund (GIF) is an independent state fund for co-financing economically viable projects that facilitate and support sustainable development in the country. Privately-held companies, non-profit housing associations, and public-sector companies and institutions (with budgets separate from the municipalities, regions and the state) can apply for a loan from the fund.  |
| <b>SUPPORTED ACTIONS</b>            | The fund was established as part of the 2014 'Et Grønnere Danmark' (A Greener Denmark) programme which seeks to bridge the gap between traditional bank financing and equity capital. The individual loans have a maximum maturity of 30 years, and the fund is generally able to finance up to 60 % of the total costs associated with the given project.  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | Eligible projects: firstly, the project must contribute to the sustainable development of society with a measurable 'green effect' (e.g. in terms of reduced CO2 emmissions or energy consumption); secondly, the project must be economically viable (e.g. possible to repay the loan with interest matching the underlying risk).   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university  |

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|---------------------------|--|
|                           | <input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Denmark</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2014 - Ongoing   |
| <b>RESOURCES</b>          | The fund has a net capitalisation of up to DKK 200 million (~€27 million), as well as a state-guaranteed lending limit of up to DKK 5 billion (~€0.8 billion) in capital.  |
| <b>COUNTRY</b>            | Denmark  |
| <b>MANAGING AUTHORITY</b> | The Danish Green Investment Fund   |
| <b>CONTACT</b>            | <a href="mailto:mzo@gronfond.dk">mzo@gronfond.dk</a>   |
| <b>WEBSITE</b>            | <a href="https://gronfond.dk/en/om-fonden/">https://gronfond.dk/en/om-fonden/</a>  |

|                      |   |
|----------------------|---|
| <b>PROGRAMME</b>     | <i>Danish Eco-Innovation Programme (MUDP)</i> |
| <b>SUB-PROGRAMME</b> | N/A   |

|                             |   |
|-----------------------------|---|
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Public funded scheme   |
| <b>OBJECTIVES</b>           | <p>MUDP is a public-funded scheme with a general focus on water, climate change adaptation, circular economy and recycling of waste, cleaner air, noise pollution, hazardous chemicals, industrial environmental performance, and ecological and sustainable construction.</p>  |
| <b>SUPPORTED ACTIONS</b>    | <p>The initiatives on eco-innovation include three main activities:</p> <ul style="list-style-type: none"> <li>– Development, testing, and demonstration of eco-efficient technology (subsidy scheme)</li> <li>– Environmental cooperation and green exports</li> <li>– Partnerships for eco-innovation</li> </ul> <p>The subsidy scheme targets Danish companies (private and public); stakeholders; and institutions working with environmental technology.</p> |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:                      |

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|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Denmark</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | 2007 - Ongoing   |
| <b>RESOURCES</b>                    | The budget in 2018 is approximately 86 million. DKK (€11m)   |
| <b>COUNTRY</b>                      | Denmark  |
| <b>MANAGING AUTHORITY</b>           | Ministry of Environment and Food of Denmark  |
| <b>CONTACT</b>                      | <a href="mailto:mst@mst.dk">mst@mst.dk</a>   |
| <b>WEBSITE</b>                      | <a href="https://eng.ecoinnovation.dk/">https://eng.ecoinnovation.dk/</a>  |

### ESTONIA

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b><i>Väikeelamute rekonstrueerimistoetus (Reconstruction support for small houses)</i></b>  |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | <p>The objectives of granting support are:</p> <ol style="list-style-type: none"> <li>1) achieving energy efficiency and a better indoor climate for small houses;</li> <li>2) reduction of energy costs in small dwellings;</li> <li>3) encouraging the introduction of renewable energy.</li> </ol>  |
| <b>SUPPORTED ACTIONS</b>    | <p>The program promotes various energy efficiency interventions, including: replacement or refurbishment of the heating system and related works; construction, replacement or reconstruction of a ventilation system and related works; the acquisition and installation of renewable energy production equipment together with the necessary equipment for energy conversion and storage of energy production and related works (for renewable energy production installation the Regulation means an installation that generates heat or electricity by means of the sun); purchase and installation of equipment for the use of waste heat from waste water and related works.</p> |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling   |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                                     | <input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call  |
| <b>COFINANCING or INTEREST RATE</b> | Between 30% and 50% and up to 20.000-50.000 euros depending on the Estonian regions and the type of the house  |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>The maximum support amount is EUR 20,000 per small house. In the case of a complete reconstruction , the support rate from the eligible costs and the maximum support amount per small house, except for a cottage and a garden house:</p> <p>30 percent and 30,000 euros in Tallinn and Tartu as a settlement unit; Harku rural municipality, Jõelähtme rural municipality, Kiili rural municipality, Maardu rural municipality, Rae rural municipality, Saku rural municipality, Saue rural municipality, except in the area of former Kernu rural municipality and Nissi rural municipality as of 14 October 2017, Viimsi rural municipality, Luunja rural municipality, Kambja rural municipality and Tartu in the area of the rural municipality as of 14 October 2017 and in the area of the former Tähtvere rural municipality as of 14 October 2017 40 per cent and 40,000 euros; 50 per cent and 50,000 euros in settlements and administrative units not mentioned in the previous points.</p> <p>For the complete reconstruction of a cottage and a garden house , the support rate is 30 percent of the eligible costs and the maximum support amount is 30,000 euros per small house .</p> |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up  |

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|                           | <input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (housing cooperatives)<br><input checked="" type="checkbox"/> Other: Individuals, families who own buildings |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Estonia<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | 2016 – on going  |
| <b>RESOURCES</b>          | 1,3 million euros  |
| <b>COUNTRY</b>            | Estonia  |
| <b>MANAGING AUTHORITY</b> | KredEx/ Minister of Economic Affairs and infrastructure  |
| <b>CONTACT</b>            | Village Kalda grant manager (apartment building reconstruction support, small house reconstruction support)<br><a href="mailto:country.kalda@kredex.ee">country.kalda@kredex.ee</a><br>+372 667 4143   |
| <b>WEBSITE</b>            | <a href="https://www.riigiteataja.ee/akt/103062020014">https://www.riigiteataja.ee/akt/103062020014</a>  |

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|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Apartment building renovation loan programme</i></b>  |
| <b>SUB-PROGRAMME</b>      | <b><i>KredEx Revolving Fund for energy efficiency in apartment buildings</i></b>  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee |



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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|                                     | <input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | KredEx Fund's objective is to incentivise apartment building owners to reduce energy consumption and increase the energy efficiency of their homes by at least 20% and to use renewable energy by providing access to preferential loans and grants under certain conditions.   |
| <b>SUPPORTED ACTIONS</b>            | KredEx Revolving Fund provides soft loans for multifamily apartment building owners who wish to reduce energy consumption and increase energy efficiency of their homes. Further financial sources, coming in particular from the EU structural funds (ERDF) and the sale of CO2 emissions allowances are available for the owners in form of grants.   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call |
| <b>COFINANCING or INTEREST RATE</b> | Loan for reconstruction (3,5% (2013), before up to 4,5% fixed for 10 years, average 4%; fixed interest rate)  |

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|------------------|--|-----------------|---------|
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|-------------------------------------|---|
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>Loan for reconstruction (1.35 M per building (banks' requirements)</p> <p>Combination of:</p> <ul style="list-style-type: none"> <li>• Grant for energy audit and project design documents (50%)</li> <li>• Grant for reconstruction (&lt;35% – do more get more!) <ul style="list-style-type: none"> <li>• 15% fulfill the terms for renovation loan, energy saving 20 or 30%, according to the size of the building Energy label E, energy consumption &lt; 250 kWh/m<sup>2</sup></li> <li>• 25% roof, facade, windows (U 1,1) heating system, energy saving at least 40% Energy label D, energy consumption &lt; 200 kWh/m<sup>2</sup></li> <li>• 35% roof, facade, windows (U 1,1) heating system, heat-recovery ventilation system, energy saving at least 50% Energy label C, energy consumption &lt; 150 kWh/m<sup>2</sup></li> </ul> </li> </ul> |
| <b>BENEFICIARIES</b>                | <p><input type="checkbox"/> university</p> <p><input type="checkbox"/> research centre</p> <p><input type="checkbox"/> public authorities</p> <p><input type="checkbox"/> start-up</p> <p><input type="checkbox"/> SME</p> <p><input type="checkbox"/> mid-cap company</p> <p><input type="checkbox"/> large company</p> <p><input checked="" type="checkbox"/> NGO (housing cooperatives)</p> <p><input checked="" type="checkbox"/> Other: Multi-family buildings owners</p>  |
| <b>TARGET AREA</b>                  | <p><input type="checkbox"/> European Union</p> <p><input checked="" type="checkbox"/> MSs: Estonia</p> <p><input type="checkbox"/> MSs' region/s:</p> <p><input type="checkbox"/> Other:</p>  |

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|---------------------------|--|
| <b>TIMEFRAME</b>          | 2009 – on going  |
| <b>RESOURCES</b>          | <p>Initial fund size: €49 million (2009) increased up to €72.6 million in 2013. For the moment no further funding is foreseen. Annual budget: not applicable</p> <p>The grants are not paid from the KredEx Revolving Fund but from a separate budget coming from the ERDF (€ 3 M) and the sale of CO2 emission allowances by Estonia to Luxembourg and in the European trade market (€ 40 M).</p> |
| <b>COUNTRY</b>            | Estonia  |
| <b>MANAGING AUTHORITY</b> | Kredex/ National government – Ministry of Economic Affairs and Communications  |
| <b>CONTACT</b>            | Mirja Adler - KredEx Hobujaama 4 40151 Tallinn, Estonia Tel: +372 6674 100 Fax: +372 6674 101 E-mail: <a href="mailto:mirja.adler@KredEx.ee">mirja.adler@KredEx.ee</a>   |
| <b>WEBSITE</b>            | <a href="https://energy-cities.eu/wp-content/uploads/2019/01/infinite_solutions_comparative_analysis_web.pdf">https://energy-cities.eu/wp-content/uploads/2019/01/infinite_solutions_comparative_analysis_web.pdf</a><br><a href="http://citynvest.eu/content/kredex">http://citynvest.eu/content/kredex</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Environmental programme</i>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |   |
|-------------------------------------|---|
| <b>OBJECTIVES</b>                   | <p>The organisation's main task is to finance projects that are necessary to meet its statutory* objectives.</p> <p>These objectives are:</p> <ul style="list-style-type: none"> <li>• The reduction of environmental nuisances to the maximum extent possible in order to protect the environment, human health, well-being, property and cultural heritage;</li> <li>• The promotion of sustainable development in order to secure an environment that meets the health and well-being requirements of the present generation and future generations;</li> <li>• The preservation and protection of biodiversity; a healthy environment;</li> <li>• The prevention and remedying of environmental damage</li> </ul> |
| <b>SUPPORTED ACTIONS</b>            | EIC is the keeper of tomorrow that helps to implement thousands of projects each year, in order to improve and restore Estonian environmental condition, rectify environmental damage or reproduce natural resources  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |   |
|-------------------------------------|---|
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (housing cooperatives)<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Estonia<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | 2000 – on going   |
| <b>RESOURCES</b>                    | As of 2020, over 20,000 environmental projects have been implemented with a financial contribution of more than EUR 2 billion from the EIC.   |
| <b>COUNTRY</b>                      | Estonia   |
| <b>MANAGING AUTHORITY</b>           | The Environmental Investment Centre was established by the Republic of Estonia, and the Ministry of the Environment exercises founder rights.   |
| <b>CONTACT</b>                      | <a href="mailto:info@kik.ee">info@kik.ee</a>  |
| <b>WEBSITE</b>                      | <a href="https://www.kik.ee/en/kik">https://www.kik.ee/en/kik</a>   |

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|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Reconstruction Grant for apartment buildings</i>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>         | The grant is intended for the renovation of apartment buildings constructed before 1993, in which an apartment association has been set up or which are wholly owned by the local authority.  |
| <b>SUPPORTED ACTIONS</b>  | <ul style="list-style-type: none"> <li>• reconstruction and insulation of the facade, and related works;</li> <li>• reconstruction of open and closed balconies, installation of glass or replacement of balconies, and related works;</li> <li>• reconstruction and insulation of the roof and the roofing deck, and related works;</li> <li>• replacement or renovation of windows, exterior and fire doors, and related works;</li> <li>• reconstruction and insulation of the basement, and related works;</li> <li>• replacement, reconstruction and balancing of the heating system, preparation of the heating system balancing protocol, and related works;</li> <li>• installation, replacement or reconstruction of the water supply and sewerage system, and related works;</li> <li>• construction of a heat-recovery ventilation system or reconstruction of the ventilation system, preparation of the ventilation system measurement protocol, and related works;</li> <li>• acquisition and installation of equipment necessary for using local renewable energy;</li> <li>• partial or complete reconstruction of the control system and operating mechanism of the lift, or replacement of the lift, and related works;</li> <li>• replacement or reconstruction of the building's electrical system in common areas, and related works;</li> </ul> |

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|                                     | <ul style="list-style-type: none"> <li>• installation of the insulation of the windows of common areas and apartments and restoration of the interior finish after the construction of the heating and ventilation systems;</li> <li>• installation of ramps and handrails on staircases necessary for entering and exiting the building, construction of the lift, and related works;</li> <li>• preparation of the building design documentation and carrying out the site investigation and building audit underlying the building design documentation;</li> <li>• use of the services of the technical consultant for the renovation of the apartment building;</li> <li>• exercise of owner supervision.</li> </ul> |
| <b>TEHCNOLOGIES COVERED</b>         | <p><input checked="" type="checkbox"/> geothermal</p> <p><input checked="" type="checkbox"/> solar thermal</p> <p><input checked="" type="checkbox"/> biomass</p> <p><input checked="" type="checkbox"/> District heating and cooling</p> <p><input checked="" type="checkbox"/> Heat pump</p> <p><input checked="" type="checkbox"/> Thermal energy storage</p> <p><input checked="" type="checkbox"/> Cogeneration</p> <p><input checked="" type="checkbox"/> Integrated solutions</p> <p><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call</p>  |
| <b>COFINANCING or INTEREST RATE</b> | <p>The grant amounts to 30% of the total cost of the renovation works in Tallinn and Tartu, and to 40% of the total cost of the renovation works in rural municipalities neighbouring Tallinn and Tartu, where the market value of the property in the year preceding the submission of the application was higher than 500 €/m<sup>2</sup> according to the transaction database of the Land Board, as well as in Elva, Haapsalu, Keila, Kohila, Kuressaare, Maardu, Otepää, Paikuse, Pärnu, Rakvere, Rapla, Sauga, Uuemõisa and Viljandi. In the rest of Estonia, the grant amounts to 50% of the total cost of the renovation works.</p>   |

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|                                     | In regions other than Tallinn and Tartu, it is possible to apply for a grant that is 10% lower than the official percentage if all the required conditions are not met, for example, if no heat-recovery ventilation system will be built or if the linear thermal bridge requirement will not be met.   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (housing cooperatives)<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Estonia<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 2019 -on going   |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | Estonia  |
| <b>MANAGING AUTHORITY</b>           | Kredex/ National government – Ministry of Economic Affairs and Communications  |
| <b>CONTACT</b>                      | Village Kalda grant manager (apartment building reconstruction support, small house reconstruction support)<br><a href="mailto:country.kalda@kredex.ee">country.kalda@kredex.ee</a><br>+372 667 4143   |



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| <b>WEBSITE</b> | <a href="https://www.kredex.ee/en/services/elamistingimuste-parandamiseks/renovation-grant-2019#kasutegurid">https://www.kredex.ee/en/services/elamistingimuste-parandamiseks/renovation-grant-2019#kasutegurid</a> |
|----------------|---|

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>SEB's Green Loan</i>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | <p>SEB's green loans are issued for the purpose of financing and/or refinancing projects within the EU, the UK and the Nordic region. The loans promote the transition to low-carbon and climate-friendly development, as well as improvements to the environment and ecosystems.</p>   |
| <b>SUPPORTED ACTIONS</b>    | N/A   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions |

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|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call  |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Estonia, Latvia, Lithuania<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | SEB issued its own first Green Bond, in the amount of EUR 500 million, in 2017.   |
| <b>COUNTRY</b>                      | Estonia   |
| <b>MANAGING AUTHORITY</b>           | SEB   |

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|----------------|---|
| <b>CONTACT</b> | Priit Seeman<br>Corporates and Institutions Area<br><a href="mailto:priit.seeman@seb.ee">priit.seeman@seb.ee</a><br>SEB   |
| <b>WEBSITE</b> | <a href="https://www.seb.ee/eng/news/2020-10-14/sebs-green-financing-reach-businesses-baltics">https://www.seb.ee/eng/news/2020-10-14/sebs-green-financing-reach-businesses-baltics</a> |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i>Korterelamute renoveerimislaenu programm (renovation loan programme)</i>  |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | The purpose of the renovation loan is to support the renovation of apartment buildings and to improve energy efficiency by at least 20% in apartment buildings up to 200 m <sup>2</sup> and at least 30% in apartment buildings larger than 2000 m <sup>2</sup> . An apartment building is a residential building with at least 3 apartments.                                    |
| <b>SUPPORTED ACTIONS</b>    | Improving the availability of apartment building renovation loans will support the reconstruction of the main structures (load-bearing and fencing structures) of apartment buildings built before 1993 and reconstruction work related to the modification and replacement of heating and ventilation systems, and motivate cooperatives to install renewable energy equipment. |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal  |

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|                                     | <input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call |
| <b>COFINANCING or INTEREST RATE</b> | A regular bank loan has too short a repayment period for an apartment building and a high interest rate. In connection with the funds received from the European Union structural funds, KredEx enables banks to provide more favorable loans to apartment buildings with a longer repayment period (up to 20 years), the purpose of which is to achieve energy savings by carrying out reconstruction works.  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:                                      |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Estonia  |

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|---------------------------|--|
|                           | <input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2007-2013 (ended)  |
| <b>RESOURCES</b>          | EUR 66.7 million total = OP resources (EUR 17.7 million ERDF and<br>EUR 49 million national public co-financing, of which EUR 28.8 million<br>as a loan from the Council of Europe Development Bank, EUR 4.2 million as<br>KredEx's own contribution and EUR 16 million as a loan from the state)                                    |
| <b>COUNTRY</b>            | Estonia  |
| <b>MANAGING AUTHORITY</b> | ERDF, Council of Europe Development Bank, Estonian State, Private  |
| <b>CONTACT</b>            |  |
| <b>WEBSITE</b>            | <a href="https://www.fi-compass.eu/sites/default/files/publications/case_study_renovation_loan_programme_estonia_0.pdf">https://www.fi-compass.eu/sites/default/files/publications/case_study_renovation_loan_programme_estonia_0.pdf</a><br><br><a href="https://www.kredex.ee/en/node/1701">https://www.kredex.ee/en/node/1701</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Estonian Grant Scheme for Renovating Apartment Building</i>  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |

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|                                     | <input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | <p>In Estonia there is a total of approximately 27,000 apartment buildings, and approximately 90% of all apartment buildings were built before 1990. The majority of those buildings have same typical problems: high energy consumption levels, insufficient ventilation, uneven indoor temperatures, and insufficient thermal comfort levels. Therefore, a pretty extensive, or 'deep' level of renovation is required</p>  |
| <b>SUPPORTED ACTIONS</b>            | Insulating building envelope, swapping out old wooden windows, installing a new heating system, new mechanical ventilation system without heat recovery.  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university   |

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|---------------------------|---|
|                           | <input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (Housing associations)<br><input type="checkbox"/> Other:                                    |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Estonia<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2010-2014 (ended)   |
| <b>RESOURCES</b>          | <p>The total of investment in relation to apartment associations and the grant scheme amounted to 151 million euros, of which 38 million took the form of grants. There are three renovation grant share levels for construction work (15%, 25%, and 40%). These are divided based</p> <p>on the designed energy efficiency level that will be achieved after renovation work has been completed.</p> |
| <b>COUNTRY</b>            | Estonia   |
| <b>MANAGING AUTHORITY</b> | Kredex/ National government – Ministry of Economic Affairs and Communications   |
| <b>CONTACT</b>            |   |
| <b>WEBSITE</b>            | <a href="https://www.sciencedirect.com/science/article/pii/S1876610216307524">https://www.sciencedirect.com/science/article/pii/S1876610216307524</a>   |

### FINLAND

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>South-East Finland - Russia</i>  |
| <b>SUB-PROGRAMME</b>        | CBC 2014 - 2020   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | Contribute to economic and social development, mitigate common challenges and promote mobility among actors of regional relevance to further improve cross-border cooperation   |
| <b>SUPPORTED ACTIONS</b>    | Cooperation projects working for a more innovative and more accessible regions  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions |



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|                                     | <input checked="" type="checkbox"/> Other: Climate change mitigation   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Finland<br><input type="checkbox"/> MSs' region/s:<br><input checked="" type="checkbox"/> Other: Russia  |
| <b>TIMEFRAME</b>                    | 2014 – 2020  |
| <b>RESOURCES</b>                    | EUR 77.5 million   |
| <b>COUNTRY</b>                      | Finland, Russia  |
| <b>MANAGING AUTHORITY</b>           | Regional Council of South Karelia  |

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|                |   |
|----------------|---|
| <b>CONTACT</b> | N/A   |
| <b>WEBSITE</b> | <a href="https://www.sefrcbc.fi/cbc-2014-2020/">https://www.sefrcbc.fi/cbc-2014-2020/</a> |

|                            |   |
|----------------------------|---|
| <b>PROGRAMME</b>           | <i>Kolarctic</i>  |
| <b>SUB-PROGRAMME</b>       | Cross Border Cooperation  |
| <b>TYPE OF INSTRUMENT</b>  | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>          | Promote a viable economy and the attractiveness of the region   |
| <b>SUPPORTED ACTIONS</b>   | Projects that align with the programme priorities   |
| <b>TEHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Climate change mitigation |

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|-------------------------------------|---|
| <b>COFINANCING or INTEREST RATE</b> | 100%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Finland, Norway, Sweden<br><input type="checkbox"/> MSs' region/s:<br><input checked="" type="checkbox"/> Other: Russia   |
| <b>TIMEFRAME</b>                    | 2014 – 2020   |
| <b>RESOURCES</b>                    | EUR 63.4 million  |
| <b>COUNTRY</b>                      | Finland   |
| <b>MANAGING AUTHORITY</b>           | Regional Council of Lapland in Rovaniemi  |
| <b>CONTACT</b>                      | N/A   |
| <b>WEBSITE</b>                      | <a href="https://kolarctic.info/kolartec-2014-2020/">https://kolarctic.info/kolartec-2014-2020/</a>   |

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|------------------|--|-----------------|---------|
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|-------------------------------------|---|
| <b>PROGRAMME</b>                    | <b>6Aika</b>  |
| <b>SUB-PROGRAMME</b>                | Six City Strategy   |
| <b>TYPE OF INSTRUMENT</b>           | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Overcome the common challenges of urbanisation  |
| <b>SUPPORTED ACTIONS</b>            | Urban development projects  |
| <b>TEHCHNOLOGIES COVERED</b>        | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Energy efficiency |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Finland<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | 2014 – 2020   |
| <b>RESOURCES</b>                    | EUR 100 million   |
| <b>COUNTRY</b>                      | Finland   |
| <b>MANAGING AUTHORITY</b>           | City coordinators and the Six City Strategy Office  |
| <b>CONTACT</b>                      | Hanna Laaksonen<br>Tiina Huotari  |
| <b>WEBSITE</b>                      | <a href="https://6aika.fi/en/what-is-6aika/how-does-it-work/">https://6aika.fi/en/what-is-6aika/how-does-it-work/</a>   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>PROGRAMME</b>                    | <i>structuralfunds.fi</i>  |
| <b>SUB-PROGRAMME</b>                | Low-carbon approach in structural fund projects  |
| <b>TYPE OF INSTRUMENT</b>           | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Service for authorities and other parties applying to EU funding   |
| <b>SUPPORTED ACTIONS</b>            | Financing from the European Regional Development Fund (ERDF) and the European Social Fund (ESF)  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Renewable energy |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                           |  |
|---------------------------|--|
| <b>BENEFICIARIES</b>      | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Northern, Southern, Eastern, Western Finland<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2014-2020  |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Finland  |
| <b>MANAGING AUTHORITY</b> | Ministry of Employment and the Economy   |
| <b>CONTACT</b>            | N/A  |
| <b>WEBSITE</b>            | <a href="http://www.rakennerahastot.fi/web/en">http://www.rakennerahastot.fi/web/en</a>  |

|                      |                                |
|----------------------|--------------------------------|
| <b>PROGRAMME</b>     | <b><i>Business Finland</i></b> |
| <b>SUB-PROGRAMME</b> | Energy Aid                     |

|                                     |  |
|-------------------------------------|--|
| <b>TYPE OF INSTRUMENT</b>           | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Promote the development of innovative solutions for replacing the energy system with a low-carbon alternative in the long term.  |
| <b>SUPPORTED ACTIONS</b>            | Investment and investigation projects  |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | Depends on beneficiary, ranges from 10%-50%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Depends on technology, ranges from 10%-50%   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Finland</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | 2020  |
| <b>RESOURCES</b>          | Discretionary   |
| <b>COUNTRY</b>            | Finland   |
| <b>MANAGING AUTHORITY</b> | Business Finland  |
| <b>CONTACT</b>            | MARKKU MÄKELÄ   |
| <b>WEBSITE</b>            | <a href="https://www.businessfinland.fi/en/for-finnish-customers/services/funding/energy-aid/">https://www.businessfinland.fi/en/for-finnish-customers/services/funding/energy-aid/</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Finland Ukraine Trust Fund</i>         |
| <b>SUB-PROGRAMME</b>      | N/A                                       |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Promote cooperation between Finland and Ukraine and identify opportunities in the fields of energy efficiency, renewable energy and waste-to-energy and smart energy systems.  |
| <b>SUPPORTED ACTIONS</b>            | Projects (consultancy services and investments)  |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 100%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input checked="" type="checkbox"/> Other: Ukraine   |
| <b>TIMEFRAME</b>          | Runs until end of 2021  |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Finland   |
| <b>MANAGING AUTHORITY</b> | NEFCO   |
| <b>CONTACT</b>            | Helena Lähteenmäki - helena.lahteenmaki@nefco.fi  |
| <b>WEBSITE</b>            | <a href="https://www.nefco.org/fund-mobilisation/funds-managed-by-nefco/finland-ukraine-trust-fund/">https://www.nefco.org/fund-mobilisation/funds-managed-by-nefco/finland-ukraine-trust-fund/</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Sitra</i>   |
| <b>SUB-PROGRAMME</b>      | Carbon-neutral circular economy  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Implement projects together with the private, public and third sector, all aimed at increasing sustainable well-being in Finland.  |
| <b>SUPPORTED ACTIONS</b>            | Project themes: Capacity for renewal, Carbon-neutral circular economy and New working life and the sustainable economy.  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Finland</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | Ongoing   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Finland   |
| <b>MANAGING AUTHORITY</b> | Sitra   |
| <b>CONTACT</b>            | Mari Pantsar - mari.pantsar@sitra.fi  |
| <b>WEBSITE</b>            | <a href="https://www.sitra.fi/en/topics/project-funding/">https://www.sitra.fi/en/topics/project-funding/</a>   |

### FRANCE

|                            |   |
|----------------------------|---|
| <b>PROGRAMME</b>           | <i>Aide pour le développement de l'innovation (Aid for the development of innovation)</i>   |
| <b>SUB-PROGRAMME</b>       | N/A   |
| <b>TYPE OF INSTRUMENT</b>  | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Recoverable advance   |
| <b>OBJECTIVES</b>          | Help companies that carry out innovation projects involving industrial research and / or experimental development   |
| <b>SUPPORTED ACTIONS</b>   | Any research, development and innovation (RDI) project, collaborative or not, aimed at the development of innovative products, processes or services and presenting concrete prospects for industrialization and commercialization.   |
| <b>TEHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme   |
| <b>RANGE OF FUNDING PER PROJECT</b> | 25-65% (up to EUR 3,000,000)  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>France</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | N/A   |
| <b>COUNTRY</b>                      | France  |
| <b>MANAGING AUTHORITY</b>           | BPI (public)  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                |   |
|----------------|---|
| <b>CONTACT</b> | <a href="https://www.bpifrance.fr/Contactez-nous">https://www.bpifrance.fr/Contactez-nous</a>   |
| <b>WEBSITE</b> | <a href="https://www.bpifrance.fr/Toutes-nos-solutions/Aides-concours-et-labels/Aides-a-l-innovation-projets-individuels/Aide-pour-le-developpement-de-l-innovation">https://www.bpifrance.fr/Toutes-nos-solutions/Aides-concours-et-labels/Aides-a-l-innovation-projets-individuels/Aide-pour-le-developpement-de-l-innovation</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Crédit d'impôt recherche (CIR) (Research tax credit)</i>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Tax credit   |
| <b>OBJECTIVES</b>           | Promote R&D   |
| <b>SUPPORTED ACTIONS</b>    | Activities carried out according to a scientific approach with a view to increasing the amount of knowledge as well as the use of this for new applications.  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | No range   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>France</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | Annual   |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | France   |
| <b>MANAGING AUTHORITY</b>           | Ministère de l'Enseignement supérieur, de la Recherche et de l'innovation (public)   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                |   |
|----------------|---|
| <b>CONTACT</b> | ciragrement@recherche.gouv.fr   |
| <b>WEBSITE</b> | <a href="https://www.service-public.fr/professionnels-entreprises/vosdroits/F23533">https://www.service-public.fr/professionnels-entreprises/vosdroits/F23533</a> |

|                            |   |
|----------------------------|---|
| <b>PROGRAMME</b>           | <i>Bourse French Tech</i>   |
| <b>SUB-PROGRAMME</b>       | N/A   |
| <b>TYPE OF INSTRUMENT</b>  | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>          | Promote young start-ups   |
| <b>SUPPORTED ACTIONS</b>   | Projects requiring a technical-economic maturation and validation phase   |
| <b>TEHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | 70% - Up to EUR 30,000  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>France</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | Annual  |
| <b>RESOURCES</b>                    | N/A   |
| <b>COUNTRY</b>                      | France  |
| <b>MANAGING AUTHORITY</b>           | BPI (public)  |
| <b>CONTACT</b>                      | <a href="https://www.bpifrance.fr/Contactez-nous">https://www.bpifrance.fr/Contactez-nous</a>   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                |   |
|----------------|---|
| <b>WEBSITE</b> | <a href="https://www.bpifrance.fr/Toutes-nos-solutions/Aides-concours-et-labels/Aides-a-l-innovation-projets-individuels/Bourse-French-Tech">https://www.bpifrance.fr/Toutes-nos-solutions/Aides-concours-et-labels/Aides-a-l-innovation-projets-individuels/Bourse-French-Tech</a> |
|----------------|---|

|                              |  |
|------------------------------|--|
| <b>PROGRAMME</b>             | <b><i>Programme Recherche et Développement (Research and Development Program)</i></b>  |
| <b>SUB-PROGRAMME</b>         | N/A  |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Repayable aid  |
| <b>OBJECTIVES</b>            | With a view to promoting the achievement of public policy objectives in favour of energy and the environment, in particular the ecological and energy transition, ADEME is helping to finance research and innovation to increase knowledge and produce those necessary for the realization of new or improved products or services and for their commercial exploitation. |
| <b>SUPPORTED ACTIONS</b>     | Development - experimental implementation - action research - prenormative research  |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage                                      |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme  |
| <b>RANGE OF FUNDING PER PROJECT</b> | 25-75% - EUR 50,000 to 250,000   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>France</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | Annual   |
| <b>RESOURCES</b>                    | EUR 25 million   |
| <b>COUNTRY</b>                      | France   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | Ademe (public)  |
| <b>CONTACT</b>            | <a href="https://www.ademe.fr/content/contacter">https://www.ademe.fr/content/contacter</a>   |
| <b>WEBSITE</b>            | <a href="https://www.ademe.fr/recherche-innovation/financer-theses-recherche-innovation/dossier/financer-projet-recherche/systeme-daide-rdi">https://www.ademe.fr/recherche-innovation/financer-theses-recherche-innovation/dossier/financer-projet-recherche/systeme-daide-rdi</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Programme d'Investissements d'Avenir 3 (Investments for the future Program 3)</i>  |
| <b>SUB-PROGRAMME</b>      | Démonstrateurs et territoires d'innovation de grande ambition   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input checked="" type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>         | <ul style="list-style-type: none"> <li>• Generate growth for the French economy and develop sustainable jobs in the area of ecological and energy transition by reducing the environmental impact;</li> <li>• develop a low-carbon and competitive energy mix;</li> <li>• change production methods and consumption practices while facilitating societal acceptability.</li> </ul> |
| <b>SUPPORTED ACTIONS</b>  | Aims to develop demonstrators of the energy and ecological transition and, moreover, to finance equity capital of innovative infrastructures such as "commercial firsts".   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> MSs: <i>France</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | Duration of the programme   |
| <b>RESOURCES</b>          | EUR 1 billion   |
| <b>COUNTRY</b>            | France  |
| <b>MANAGING AUTHORITY</b> | Ademe (public)  |
| <b>CONTACT</b>            | contact@ademe-investissement.fr   |
| <b>WEBSITE</b>            | <a href="https://www.ademe.fr/recherche-innovation/programme-dinvestissements-davenir/presentation-pia-3">https://www.ademe.fr/recherche-innovation/programme-dinvestissements-davenir/presentation-pia-3</a> |



### GERMANY<sup>2</sup>

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b><i>Wärmenetzsysteme 4.0 (Heating network systems 4.0)</i></b>   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | The federal funding for efficient heating networks (Wärmenetzsysteme 4.0) addresses innovative heating network systems with a predominant share of renewable energies and waste heat.  |
| <b>SUPPORTED ACTIONS</b>    | N/A  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Overall system with high share of renewable energy (>50%). |

<sup>2</sup> Data provided by Upgrade DH project (grant agreement No 785014)

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | Module 1 – Feasibility max. 60 %<br>Module 2 – Realisation max. 50 %<br>Module 3 – Customer Information max. 80 %<br>Module 4 – Capacity building NA   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Module 1 – Feasibility max. EUR 600,000<br>Module 2 – Realisation max. EUR 15,000,000<br>Module 3 – Customer Information max. EUR 200,000<br>Module 4 – Capacity building max. EUR 1,000,000   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Germany</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | N/A  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | <b>Bundesamt für Wirtschaft und Ausfuhrkontrolle</b><br>Referat 513 – Grundsatz MAP – Förderbereich 1<br>Frankfurter Straße 29 – 35 65760 Eschborn  |
| <b>CONTACT</b>            | <b>Technische Fragen</b><br>Telefon: 06196 908-2249 Telefon: 06196 908-2064<br><br><b>Formal-Betriebswirtschaftliche Fragen</b><br>Telefon: 06196 908-2209<br><br><b>Erreichbarkeit</b><br>Montag bis Donnerstag: 08:30 Uhr – 16:00 Uhr<br>Freitag: 08:30 Uhr – 15:00 Uhr |
| <b>WEBSITE</b>            | <a href="https://www.bafa.de/DE/Energie/Energieeffizienz/Waermenetze/waermenetze_node.html">https://www.bafa.de/DE/Energie/Energieeffizienz/Waermenetze/waermenetze_node.html</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Kraft-Wärme-Kopplungsgesetz (KWKG)</i></b>   |
| <b>SUB-PROGRAMME</b>      | <b><i>Innovative KWK-Systeme</i></b>   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | In addition to high efficiency and the integration of renewable energies, innovative CHP systems should also meet the requirements of sector coupling.   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>SUPPORTED ACTIONS</b>            | <b>Tender Awards in 2019</b> <ul style="list-style-type: none"> <li>– Heizkraftwerk Halle-Trotha GmbH - 6.000 kW</li> <li>– BTB Blockheizkraftwerks- Träger- und Betreibergesellschaft mbH Berlin - 8.000 kW</li> <li>– Stadtwerke Rosenheim GmbH &amp; Co. KG - 4.457 kW</li> <li>– Stadtwerke Heidelberg Umwelt GmbH - 2.037 kW</li> <li>– Stadtwerke Bietigheim-Bissingen GmbH - 1.999 kW</li> <li>– Urbana Energiedienste GmbH - 4.600 kW</li> <li>– Stadtwerke Rosenheim GmbH &amp; Co. KG - 4.457 kW</li> <li>– Stadtwerke Rosenheim GmbH &amp; Co. KG - 4.457 kW</li> <li>– Stadtwerke Lemgo GmbH - 4.900 kW</li> <li>– STADTWERKE STEIN GmbH &amp; Co. KG - 2.000 kW</li> </ul> |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass (at most proportionately)<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Power-to-Heat plants (direct electric heat generators)   |
| <b>COFINANCING or INTEREST RATE</b> | Co-financing with a tender procedure for Cogeneration units with a capacity of 1-10MW <sub>el</sub> with a max. of 12 Cent/kWh <sub>el</sub> and max. 45.000 full usage hours   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Max. $0,12 \frac{\text{€}}{\text{kWh}_{el}} * 10.000 \text{ kW}_{el} * 45.000 \text{ h} = 54.000.000 \text{ €}$   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Only operators of innovative CHP systems are entitled to apply |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Germany</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | 2018 -31/12/2025  |
| <b>RESOURCES</b>          | Maximal annual tender volume of 50 MW <sub>el</sub>   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | Bundesnetzagentur (BNetzA)  |
| <b>CONTACT</b>            | <b>Bundesnetzagentur</b><br>Referat 621 - KWK-Ausschreibungen<br>Bundesnetzagentur, Tulpenfeld 4, 53113 Bonn<br>E-Mail: <a href="mailto:kwk-ausschreibungen@bnetza.de">kwk-ausschreibungen@bnetza.de</a>  |
| <b>WEBSITE</b>            | <a href="https://www.solar-district-heating.eu/de/...">https://www.solar-district-heating.eu/de/...</a><br><a href="https://www.bundesnetzagentur.de/DE/...">https://www.bundesnetzagentur.de/DE/...</a><br><a href="https://www.bafa.de/">https://www.bafa.de/</a>   |

|                              |   |
|------------------------------|---|
| <b>PROGRAMME</b>             | <b><i>Kraft-Wärme-Kopplungsgesetz (KWKG)</i></b>  |
| <b>SUB-PROGRAMME</b>         | <b><i>KWK Zuschlag für Wärme/ Kälte Speicher</i></b>  |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>            | <p>CHP plants with heat or cold storage can be operated more flexibly and thus compensate for the volatile electricity generation from renewable energies. This is becoming increasingly important against the background of increasing electricity generation from renewable energies. The funding is therefore intended to stimulate investment in storage technologies.</p>                              |
| <b>SUPPORTED ACTIONS</b>     | Approved storages 2009 -2018 ( <a href="#">link</a> )   |
| <b>TEHCHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing of 250 € / m <sup>3</sup> water equivalent storage volume and max. 30% of the eligible investment costs  |
| <b>RANGE OF FUNDING PER PROJECT</b> | In total max. EUR 10,000,000 per project   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Only operators of CHP systems are entitled to apply (CHP needs to deliver at least 50% of the stored heat/ cold) |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Germany</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | Initial Operation until 31/12/2025   |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | Germany  |
| <b>MANAGING AUTHORITY</b>           | Bundesamt für Wirtschaft und Ausfuhrkontrolle (BAFA)   |
| <b>CONTACT</b>                      | <b>Bundesamt für Wirtschaft und Ausfuhrkontrolle</b><br>Leitungsstab Presse- und Öffentlichkeitsarbeit   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                |  |
|----------------|--|
|                | <p>Frankfurter Str. 29 - 35<br/>65760 Eschborn</p> <p><a href="http://www.bafa.de/">http://www.bafa.de/</a></p> <p>Referat: 424</p> <p>E-Mail: <a href="mailto:kwk-verfahren@bafa.bund.de">kwk-verfahren@bafa.bund.de</a></p> <p>Tel: +49(0)6196 908- 2941 oder - 2502</p> <p>Fax: +49(0)6196 908-1800</p> |
| <b>WEBSITE</b> | <a href="https://www.bafa.de/DE/...">https://www.bafa.de/DE/...</a>  |

|                              |  |
|------------------------------|--|
| <b>PROGRAMME</b>             | <b><i>Kraft-Wärme-Kopplungsgesetz (KWKG)</i></b>   |
| <b>SUB-PROGRAMME</b>         | <b><i>Wärme- und Kältenetze</i></b>  |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>            | <p>In order to increase efficiency in the area of electricity and heat generation, the Federal Government supports the expansion of combined heat and power generation, in particular through the Combined Heat and Power Act (KWKG). In addition to electricity remuneration for CHP plants and the promotion of heat and cold storage facilities, the KWKG provides for investment support for heating and cooling networks.</p> |
| <b>SUPPORTED ACTIONS</b>     | Approved storages 2009 -2018 ( <a href="#">link</a> )  |
| <b>TEHCHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: DHC networks  |
| <b>COFINANCING or INTEREST RATE</b> | Average pipeline diameter $\leq 100$ mm: 100 Euro/m <sub>pipeline</sub> and max. 40 % of eligible investment costs<br><br>Average pipeline diameter $> 100$ mm: max. 30 % of eligible investment costs   |
| <b>RANGE OF FUNDING PER PROJECT</b> | In total max. 20,000,000 € per project   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Grid operator need to cover 75% of the demand with CHP (additional spreads with RES, and industrial surplus heat are possible) |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input checked="" type="checkbox"/> MSs: <i>Germany</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | Initial Operation until 31/12/2025   |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Germany  |
| <b>MANAGING AUTHORITY</b> | Bundesamt für Wirtschaft und Ausfuhrkontrolle (BAFA)   |
| <b>CONTACT</b>            | <b>Bundesamt für Wirtschaft und Ausfuhrkontrolle</b><br>Leitungsstab Presse- und Öffentlichkeitsarbeit<br>Frankfurter Str. 29 - 35<br>65760 Eschborn<br><a href="http://www.bafa.de/">http://www.bafa.de/</a><br>Referat: 424<br>E-Mail: <a href="mailto:kwk-verfahren@bafa.bund.de">kwk-verfahren@bafa.bund.de</a><br>Tel: +49(0)6196 908- 2941 oder - 2502<br>Fax: +49(0)6196 908-1800 |
| <b>WEBSITE</b>            | <a href="https://www.bafa.de/DE/...">https://www.bafa.de/DE/...</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Umwelt Innovations Programm</i></b>   |
| <b>SUB-PROGRAMME</b>      | The environmental innovation program  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Subsidy<br><br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Support large-scale demonstration projects for avoiding or reducing environmental pollution   |
| <b>SUPPORTED ACTIONS</b>            | Expansion/ improvement, commissioning of project, expert reports  |
| <b>TEHCHNOLOGIES COVERED</b>        | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Environmental |
| <b>COFINANCING or INTEREST RATE</b> | 30-70%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Germany</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | N/A  |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Germany  |
| <b>MANAGING AUTHORITY</b> | Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB)  |
| <b>CONTACT</b>            | cornelia.winter@kfw.de   |
| <b>WEBSITE</b>            | <a href="https://www.umweltinnovationsprogramm.de/foerderinformationen">https://www.umweltinnovationsprogramm.de/foerderinformationen</a>  |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Heating with Renewable Energies</i></b>  |
| <b>SUB-PROGRAMME</b>      | Market incentive program / BAFA part   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Other: Market incentive program   |
| <b>OBJECTIVES</b>                   | Promote systems for the use of renewable energies in the heating market.  |
| <b>SUPPORTED ACTIONS</b>            | Financial support for heating system replacement or expansion   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 30-35%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Individual   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Germany<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | Federal Office of Economics and Export Control  |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.bafa.de/DE/Energie/Heizen_mit_Erneuerbaren_Energie_n/Foerderprogramm_im_Ueberblick/foerderprogramm_im_ueberblick_node.html">https://www.bafa.de/DE/Energie/Heizen_mit_Erneuerbaren_Energie_n/Foerderprogramm_im_Ueberblick/foerderprogramm_im_ueberblick_node.html</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Federal funding for efficient buildings</i>  |
| <b>SUB-PROGRAMME</b>      | Heating optimization  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Promote heating optimization through highly efficient pumps and hydraulic balancing.  |
| <b>SUPPORTED ACTIONS</b>            | Replacement of heating circulation pumps and hot water circulation pumps with highly efficient ones   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 30%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 25,000  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Individuals  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Germany</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:                                  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | Federal Office of Economics and Export Control<br>Telephone: 06196 908-1001   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.bafa.de/DE/Energie/Energieeffizienz/Heizungsoptimierung/heizungsoptimierung_node.html">https://www.bafa.de/DE/Energie/Energieeffizienz/Heizungsoptimierung/heizungsoptimierung_node.html</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>IKK - Energetic Urban Redevelopment</i></b>  |
| <b>SUB-PROGRAMME</b>      | District Supply  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy |



## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Invest in energy-efficient supply systems   |
| <b>SUPPORTED ACTIONS</b>            | Investments in efficient systems for heating, cooling, water and waste water  |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Waste heat |
| <b>COFINANCING or INTEREST RATE</b> | 100% cofinancing, 0.01% interest rate   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Community associations   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Germany</i><br><input type="checkbox"/> MSs' region/s:<br><input checked="" type="checkbox"/> Other: Communities   |
| <b>TIMEFRAME</b>          | 30 years  |
| <b>RESOURCES</b>          | No maximum  |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | KfW   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.kfw.de/partner/KfW-Partnerportal/Architekten-Bauingenieure-Energieberater/F%C3%B6rderprodukte/IKK-Energetische-Stadtsanierung-Quartiersversorgung-%28201%29/index.jsp#">https://www.kfw.de/partner/KfW-Partnerportal/Architekten-Bauingenieure-Energieberater/F%C3%B6rderprodukte/IKK-Energetische-Stadtsanierung-Quartiersversorgung-%28201%29/index.jsp#</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Renewable Energies - Standard</i></b>   |
| <b>SUB-PROGRAMME</b>      | The promotional loan for electricity and heat   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | N/A  |
| <b>SUPPORTED ACTIONS</b>            | RES development  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 100% cofinancing   |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 50 million   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Individuals   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Germany</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | Minimum loan term is 2 years  |
| <b>RESOURCES</b>          | €50 million   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | KfW   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.kfw.de/inlandsfoerderung/Unternehmen/Energie-Umwelt/F%C3%B6rderprodukte/Erneuerbare-Energien-Standard-%28270%29/">https://www.kfw.de/inlandsfoerderung/Unternehmen/Energie-Umwelt/F%C3%B6rderprodukte/Erneuerbare-Energien-Standard-%28270%29/</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>CORNET</i></b>   |
| <b>SUB-PROGRAMME</b>      | Industrial Collective Research   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|-------------------------------------|--|
| <b>OBJECTIVES</b>                   | To increase the competitiveness of entire industrial sectors, preferably SMEs.   |
| <b>SUPPORTED ACTIONS</b>            | International Collective Research projects   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Research |
| <b>COFINANCING or INTEREST RATE</b> | 80% - 90%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Germany<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2 years   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | AiF   |
| <b>CONTACT</b>            | Viktoria Cvetković  |
| <b>WEBSITE</b>            | <a href="https://www.aif.de/english/cornet/about-cornet.html">https://www.aif.de/english/cornet/about-cornet.html</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Renewable Heat</i></b>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Provide renewable heat solutions to Hamburg  |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>SUPPORTED ACTIONS</b>            | Measures that reduce energy requirements, improve efficiency and increase the share of renewable energies.   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Replacement of heating systems |
| <b>COFINANCING or INTEREST RATE</b> | 80%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Varies widely depending on technology  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Real estate owners   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input type="checkbox"/> MSs' region/s:<br><input checked="" type="checkbox"/> Other: Hamburg |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | IFB Hamburg   |
| <b>CONTACT</b>            | Anja Bartsch  |
| <b>WEBSITE</b>            | <a href="https://www.ifbhh.de/foerderprogramm/erneuerbare-waerme">https://www.ifbhh.de/foerderprogramm/erneuerbare-waerme</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Green Bonds</i></b>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Bonds |
| <b>OBJECTIVES</b>         | Generate proceeds to serve sustainable projects  |
| <b>SUPPORTED ACTIONS</b>  | Sustainable projects in the field of renewable energies, sustainable waste management, energy efficiency and clean mobility solutions.   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |  |
|-------------------------------------|--|
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:     |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: private individuals, farmers |
| <b>TARGET AREA</b>                  | <input checked="" type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Germany   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> MSs' region/s:<br><input checked="" type="checkbox"/> Other: North and South America   |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | EUR 1.1 billion   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | Commerzbank   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.commerzbank.de/en/nachhaltigkeit/markt_kunden/mittelstand/green_bonds/greenbonds.html">https://www.commerzbank.de/en/nachhaltigkeit/markt_kunden/mittelstand/green_bonds/greenbonds.html</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Green Bond Framework</i></b>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Bonds |
| <b>OBJECTIVES</b>         | Support the North Rhine-Westphalian region   |
| <b>SUPPORTED ACTIONS</b>  | Support for SMEs to stimulate growth, employment and innovation  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |  |
|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Federal State of North Rhine-Westphalia<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | Up to 50 years   |
| <b>RESOURCES</b>          | EUR 13 billion   |
| <b>COUNTRY</b>            | Germany  |
| <b>MANAGING AUTHORITY</b> | NRW.BANK   |
| <b>CONTACT</b>            | N/A  |
| <b>WEBSITE</b>            | <a href="#">NRW Bank Green Bond Framework 2019</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b>IB.SH</b>  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Support the economy, housing and urban development, municipalities, labour market and educational measures, environmental and energy projects   |
| <b>SUPPORTED ACTIONS</b>  | Funding programs  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Energy   |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Banks, Individuals |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|---------------------------|---|
|                           | <input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Schleswig-Holstein<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2014-2020   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | Economy and Energy federal ministry   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.ib-sh.de/">https://www.ib-sh.de/</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>RL Klima / 2014</i>   |
| <b>SUB-PROGRAMME</b>      | Climate Protection   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Reduce long-term CO2 emissions and to tap CO2 savings potential  |
| <b>SUPPORTED ACTIONS</b>  | Investments and projects   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:               |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Saxony<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | NA  |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | Free State of Saxony  |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.sab.sachsen.de/f%C3%B6rderprogramme/sie-planen-kommunale-investitionen/f%C3%B6rderrichtlinie-klimaschutz.jsp#program_conditions">https://www.sab.sachsen.de/f%C3%B6rderprogramme/sie-planen-kommunale-investitionen/f%C3%B6rderrichtlinie-klimaschutz.jsp#program_conditions</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Thuringian Development Bank</i>   |
| <b>SUB-PROGRAMME</b>      | Solar Invest<br>GREEN Invest   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input checked="" type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | Provide investment incentives for the sustainable generation of electricity and heat from solar radiation energy.  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | Enable companies to identify and use potential for energy savings and to promote resource efficiency  |
| <b>SUPPORTED ACTIONS</b>            | Investments, project support, consulting services   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Energy efficiency |
| <b>COFINANCING or INTEREST RATE</b> | Up to 80%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 100,000   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Free State of Thuringia<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | The Thuringian Development Bank   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.aufbaubank.de/Foerderprogramme">https://www.aufbaubank.de/Foerderprogramme</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>NBank - Energy and Environment</i></b>  |
| <b>SUB-PROGRAMME</b>      | Optimization of operational resource and energy management - operational energy efficiency and climate protection networks  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>OBJECTIVES</b>                   | Increase operational energy efficiency and thus want to make a sustainable contribution to reducing CO <sub>2</sub> and improving energy productivity   |
| <b>SUPPORTED ACTIONS</b>            | N/A   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Energy efficiency |
| <b>COFINANCING or INTEREST RATE</b> | 70%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 200,000   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Lower Saxony<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | Lower Saxony Development Bank   |
| <b>CONTACT</b>            | <a href="mailto:efficiency@nbank.de">efficiency@nbank.de</a>  |
| <b>WEBSITE</b>            | <a href="https://www.nbank.de/Unternehmen/Energie-Umwelt/Optimierung-von-betrieblichen-Ressourcen-und-Energiemanagement-Betriebliche-Energieeffizienz-und-Klimaschutz-Netzwerke/index.jsp">https://www.nbank.de/Unternehmen/Energie-Umwelt/Optimierung-von-betrieblichen-Ressourcen-und-Energiemanagement-Betriebliche-Energieeffizienz-und-Klimaschutz-Netzwerke/index.jsp</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Marktanreizprogramm 2020 - Fernwärme</i></b>   |
| <b>SUB-PROGRAMME</b>      | Erneuerbare Energien Premium (271) - Erneuerbare Energien premium- Tiefengeothermie (272)  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Other: Repayment bonus   |
| <b>OBJECTIVES</b>                   | The KfW Renewable Energies "Premium" Programme supports larger systems for the use of renewable energies in the heating market that are particularly worthy of promotion with low-interest loans from KfW and with repayment grants financed by the Federal Ministry of Economics and Energy The KfW Programme is an initiative of the Federal Ministry of Economics and Energy and KfW for a sustainable energy supply for the future and for environmental and climate protection.   |
| <b>SUPPORTED ACTIONS</b>            | N/A  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal (programme 272)<br><input checked="" type="checkbox"/> solar thermal (> 40 m <sup>2</sup> )<br><input checked="" type="checkbox"/> biomass (> 100 kW)<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump (>100 kW <sub>th</sub> )<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Biomass-fired CHP, pipelines for crude biogas |
| <b>COFINANCING or INTEREST RATE</b> | <p><b>Solar thermal</b> (supply heat grid) – 40 % of the eligible costs or 0,45 €/kWh</p> <p><b>Bio Mass</b> – 20 €/kW<sub>th</sub> basic - (+ 20 €/kW<sub>th</sub> for low dust emissions; + 10 €/kW<sub>th</sub> for buffer storage;) or 40 €/kW<sub>th</sub> for Biomass CHP)</p> <p><b>Heat pump</b> – 80 €/kW<sub>th</sub> (+ Drilling &lt;400 m – 4€/m; &gt;400 m – 6€/m)</p> <p><b>Geothermal</b> - 200 €/kW<sub>th</sub> (+ Drilling depends on depth 375-750 €/m) or for CHP <math>\left(1 - \frac{P}{Q}\right) * 200 \text{ €/kWh}_{th}</math></p>   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|---|
|                                     | <p><b>DH Grid (feed with renewables)</b> – 60 €/m<sub>Trace</sub> additional <b>House-Substations</b> – 1,800 €/ per station</p> <p>Big heat storage (&gt;10m<sup>3</sup>, predominant feed with renewables) – 250 €/m<sup>3</sup></p>  |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>Up to 100% of the eligible costs - max. credit amount 25,000,000 €</p> <p>If <b>deep geothermal energy</b> is used, a maximum of 80% of the eligible net investment costs will be co-financed.</p> <p><b>Solar thermal</b> - NA</p> <p><b>Bio Mass</b> – max. 50,000 € basic, or 100- 2,000 kW<sub>th</sub> for Biomass CHP= 4.000-80.000 €</p> <p><b>Heat pump</b> – min. 10,000 € - max. 100,000 €</p> <p><b>Geothermal</b> - max. 2,000,000 € (additional variable max. € for Drilling) for CHP max. 1,000,000 €</p> <p><b>DH Grid</b> (feed with renewables) –1,000,000 € (up to 1,5 Mio. € in combination with deep geothermal source)</p> <p><b>Big heat storage</b> – up to 30% of the eligible costs and a max. of 1,000,000 €</p> |
| <b>BENEFICIARIES</b>                | <p><input type="checkbox"/> university</p> <p><input type="checkbox"/> research centre</p> <p><input checked="" type="checkbox"/> public authorities</p> <p><input type="checkbox"/> start-up</p> <p><input type="checkbox"/> SME</p> <p><input checked="" type="checkbox"/> mid-cap company</p> <p><input checked="" type="checkbox"/> large company</p> <p><input checked="" type="checkbox"/> NGO</p> <p><input checked="" type="checkbox"/> Other: Natural entities, farmers, etc.</p>  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Germany<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2018 – 2021   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Germany   |
| <b>MANAGING AUTHORITY</b> | Kreditanstalt für Wiederaufbau (KfW)  |
| <b>CONTACT</b>            | Kreditanstalt für Wiederaufbau (KfW)<br>Palmengartenstraße5-9<br>60325 Frankfurt<br>Telefon: 069 7431-0<br>Fax: 069 7431-2944<br><a href="http://www.kfw.de">www.kfw.de</a><br>Infocenter<br>Telefon: 0800 539 9001(kostenfrei)<br>Fax: 069 7431-9500 |
| <b>WEBSITE</b>            | <a href="https://www.kfw.de/inlandsfoerderung/...">https://www.kfw.de/inlandsfoerderung/...</a><br><a href="https://www.kfw.de/...">https://www.kfw.de/...</a>  |

### GREECE

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Savings at Home II (Exoikonomo)</i>  |
| <b>SUB-PROGRAMME</b>        | Name of the sub-programme, if relevant  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | The aim is to support energy savings, energy renovations in households.   |
| <b>SUPPORTED ACTIONS</b>    | N/A   |
| <b>TECHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><br>X Other: All relevant technologies for energy savings and renewables are included. |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br>X MSs: Greece<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | The program is on a yearly basis   |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | Greece   |
| <b>MANAGING AUTHORITY</b>           | N/A  |
| <b>CONTACT</b>                      | N/A  |
| <b>WEBSITE</b>                      | <a href="#">Savings at Home II (Exoikonomo)</a>  |

|                                     |   |
|-------------------------------------|---|
| <b>PROGRAMME</b>                    | <i>Solar Thermal Support Scheme</i>   |
| <b>SUB-PROGRAMME</b>                | Name of the sub-programme, if relevant  |
| <b>TYPE OF INSTRUMENT</b>           | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | The aim is to further encourage the use solar thermal technologies for space and water heating, it also includes Energy Labelling support schemes.  |
| <b>SUPPORTED ACTIONS</b>            | The scheme provides subsidies based on the energy generation value of the project.  |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                                     |  |
|-------------------------------------|--|
| <b>RANGE OF FUNDING PER PROJECT</b> | Based on the energy generation value of the project.   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br>X MSs: Greece<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | The scheme started in 2014 and ran until 2020. It is unclear if the scheme was renewed.  |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | Greece   |
| <b>MANAGING AUTHORITY</b>           | N/A  |
| <b>CONTACT</b>                      | N/A  |
| <b>WEBSITE</b>                      | <a href="#">Solar Thermal Support Scheme</a>   |

### HUNGARY

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i>Preferential Green Capital Requirement Treatment for housing loans</i>  |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | The main purpose of this program is promoting climate-friendly financial products and improving the energy efficiency of properties.   |
| <b>SUPPORTED ACTIONS</b>    | <p>Under the Green Preferential Capital Requirement Programme, taking effect from January, 2020, credit institutions may receive a capital requirement deduction (Discount) on loans serving energy efficient home purposes and consumers may receive an interest rate subsidy.</p> <p>Credit institutions may have access to the capital requirement deduction for a four-year transitional period. The Discount base is the gross exposure (on and off-balance sheet) of the Energy efficient mortgages and personal loans disbursed over the Duration to private persons for the purpose of the purchase, construction or modernisation of residential buildings, or to condominiums or housing associations for the purpose of the modernisation of residential buildings calculated on the basis of the volume of performing loans registered at the end of each calendar year within the Duration.</p> |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling  |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call  |
| <b>COFINANCING or INTEREST RATE</b> | 5% for 'BB' energy performance rating or 7% for 'AA' energy performance rating in the case of purchase or construction, and a standard rate of 5% in the case of modernisation  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Depends on total project price/budget.  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (housing associations)<br><input checked="" type="checkbox"/> Other: Private persons, condominiums |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Hungary<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | 1st January 2020 and 31st December 2024   |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Hungary   |
| <b>MANAGING AUTHORITY</b> | Magyar Nemzeti Bank (MNB)   |
| <b>CONTACT</b>            | Communications and Protocol Department<br>Phone: +36 (1) 428 2751<br>Telefax: +36 (1) 429 8000<br>E-mail: <a href="mailto:kommunikacio@mnbb.hu">kommunikacio@mnbb.hu</a>  |
| <b>WEBSITE</b>            | <a href="https://www.mnb.hu/letoltes/notice-preferential-green-capital-requirement.pdf">https://www.mnb.hu/letoltes/notice-preferential-green-capital-requirement.pdf</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Residential Energy Efficiency Loan Programme</i>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | The main purpose of this program is upgrading the energy efficiency capabilities of residential buildings  |
| <b>SUPPORTED ACTIONS</b>  | Upgrading of heating systems, insulation, replacing doors and installation of solar panels.  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call |
| <b>COFINANCING or INTEREST RATE</b> | The maturity of the loan can be up to 20 years, with a maximum amount of HUF 10 million for individuals and an own resource requirement of at least 10%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | The maturity of the loan can be up to 20 years, with a maximum amount of HUF 10 million for individuals and an own resource requirement of at least 10%  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (housing cooperatives)<br><input checked="" type="checkbox"/> Other: Private persons, condominiums  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|---------------------------|---|
|                           | <input checked="" type="checkbox"/> MSs: Hungary<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | Total available budget of HUF 115 billion.  |
| <b>COUNTRY</b>            | Hungary   |
| <b>MANAGING AUTHORITY</b> | Magyar Nemzeti Bank (MNB)   |
| <b>CONTACT</b>            | Communications and Protocol Department<br>Phone: +36 (1) 428 2751<br>Telefax: +36 (1) 429 8000<br>E-mail: <a href="mailto:kommunikacio@mnbb.hu">kommunikacio@mnbb.hu</a>  |
| <b>WEBSITE</b>            | <a href="https://ec.europa.eu/energy/sites/ener/files/documents/sei_forums_budapest_nr_-_background_paper_en_08.10.2020_001.pdf">https://ec.europa.eu/energy/sites/ener/files/documents/sei_forums_budapest_nr_-_background_paper_en_08.10.2020_001.pdf</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Loan scheme of Hungarian Development Bank</i>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | The main purpose of this program is the renovation of family houses' and apartment buildings' energy systems   |



|                                     |  |
|-------------------------------------|--|
| <b>SUPPORTED ACTIONS</b>            | The programme offered support for a wide variety of measures, such as solar thermal and PV installations, biomass boilers, heat pumps, improved insulation and lighting retrofits  |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call |
| <b>COFINANCING or INTEREST RATE</b> | The number of own resources is at least the 10% of the eligible costs.   |
| <b>RANGE OF FUNDING PER PROJECT</b> | The sum of the loan can vary between 500 thousand and 10 million forints in the case of a natural person, and between 500 thousand and 7 million per flat in the case of apartment buildings and housing cooperatives.   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (housing cooperatives)  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|---------------------------|--|
|                           | <input checked="" type="checkbox"/> Other: Private persons, condominiums   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Hungary<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | 2017-2020 (at least)   |
| <b>RESOURCES</b>          | total available budget of HUF 115 billion until 2020   |
| <b>COUNTRY</b>            | Hungary  |
| <b>MANAGING AUTHORITY</b> | Magyar Nemzeti Bank (MNB)  |
| <b>CONTACT</b>            | Communications and Protocol Department<br>Phone: +36 (1) 428 2751<br>Telefax: +36 (1) 429 8000<br>E-mail: <a href="mailto:kommunikacio@mnbb.hu">kommunikacio@mnbb.hu</a>   |
| <b>WEBSITE</b>            | <a href="https://www.solarthermalworld.org/news/hungary-government-strengthens-support-renewables-and-energy-efficiency-residential-market">https://www.solarthermalworld.org/news/hungary-government-strengthens-support-renewables-and-energy-efficiency-residential-market</a><br><a href="https://www.mfbpont.hu/lakossagi-hiteltermek">https://www.mfbpont.hu/lakossagi-hiteltermek</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Otthon Melege (Warm Homes) programme</i>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                                     | <input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | Otthon Melege (Warm Homes) programme is a state incentive scheme suitable for solar thermal energy installation among other efficiency measures for buildings.   |
| <b>SUPPORTED ACTIONS</b>            | Various energy efficient and renewable energy technologies including solar thermal energy systems  |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: doesn't specify |
| <b>COFINANCING or INTEREST RATE</b> | Investment grant of 40% of the eligible gross costs  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Maximum amount of subsidy per application: HUF 700,000 (EUR 2,500)   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company  |

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|------------------|--|-----------------|---------|
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|---------------------------|---|
|                           | <input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (housing cooperatives)<br><input checked="" type="checkbox"/> Other: Private persons,   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Hungary<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2014-2020   |
| <b>RESOURCES</b>          | HUF 20.4 billion (EUR 66 million)   |
| <b>COUNTRY</b>            | Hungary   |
| <b>MANAGING AUTHORITY</b> | National Development and Strategic Institute (NFSI)   |
| <b>CONTACT</b>            | Phone numbers: +36 70 945 4294, +36 70 945 4250<br>Email: <a href="mailto:futes2017@nfsi.hu">futes2017@nfsi.hu</a>  |
| <b>WEBSITE</b>            | <a href="https://www.solarthermalworld.org/content/otthon-melege-warm-homes-programme">https://www.solarthermalworld.org/content/otthon-melege-warm-homes-programme</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Home Renovation Subsidy: Housing Subsidy for Families (CSOK) scheme</i>                            |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|-------------------------------------|---|
|                                     | <input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | subsidising home renovations carried out by households with at least one child  |
| <b>SUPPORTED ACTIONS</b>            | The support covers energy upgrades, bathroom and kitchen renovations, and extensions.   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call |
| <b>COFINANCING or INTEREST RATE</b> | Half of the renovation costs up to a maximum of 3 million forints (EUR 8,400)   |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|-------------------------------------|--|
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>The non-refundable state subsidy is linked to the number of existing or planned children. Even those families can take benefit from the scheme who don't have children yet, but commit to have them within a determined period of time, which depends on the number of planned children: 1 child within 4 years, 2 children within 8 years, 3 or more<sup>2</sup> within 10 years. a. For the purpose of building or purchasing new flats the subsidy is HUF 0.6 million for 1 child, HUF 2.6 million for 2 children and HUF 10 million for 3 or more children. b. For purchasing used flats or the enlargement of existing dwellings the subsidy varies between HUF 0.6 and 2.75 million.</p> <p>For the intermediation of the CSOK subsidy credit institutions are entitled to charge a fee amounting to 2% of the disbursed CSOK subsidy amount. 2. Families with 2 or more children are also eligible for a subsidized loan for buying or building new homes or purchasing used apartments. The loan is disbursed by credit institutions headquartered in Hungary, or by Hungarian affiliates, from their own funding sources. The loan carries a total fixed interest rate that cannot be higher than 5Y Government bond yield * 1.3 + 3%, of which the client pays a fixed 3% rate, whereas the State subsidy cannot exceed 5Y Government bond yield * 1.3. The loan's maturity can be up to 25 years. Families with 2 existing or planned kids are eligible for a preferential housing loan in the amount of HUF 10 million, whereas in the case of families with 3 or more existing or planned children the maximum loan amount was increased to HUF 15 million effective from July 2019.</p> |
| <b>BENEFICIARIES</b>                | <p><input type="checkbox"/> university</p> <p><input type="checkbox"/> research centre</p> <p><input type="checkbox"/> public authorities</p> <p><input type="checkbox"/> start-up</p> <p><input type="checkbox"/> SME</p> <p><input type="checkbox"/> mid-cap company</p> <p><input type="checkbox"/> large company</p> <p><input checked="" type="checkbox"/> NGO (housing cooperatives)</p> <p><input checked="" type="checkbox"/> Other: families</p>  |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|---------------------------|--|
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Hungary<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | From 2021  |
| <b>RESOURCES</b>          | HUF 150 billion-170 billion.   |
| <b>COUNTRY</b>            | Hungary  |
| <b>MANAGING AUTHORITY</b> | The Hungarian Government<br>For all details, see Government Decree 518/2020 published on 25 November 2020.<br>For all details, see Government Decree 641/2020 published on 22 December 2020.   |
| <b>CONTACT</b>            | Banks that are part of the programme   |
| <b>WEBSITE</b>            | <a href="https://hungarytoday.hu/hungary-novak-home-renovation-subsidies/">https://hungarytoday.hu/hungary-novak-home-renovation-subsidies/</a><br><a href="https://www.otpbank.hu/static/portal/sw/file/CSOK_Baby_loan_Renovation_loan_summary.pdf">https://www.otpbank.hu/static/portal/sw/file/CSOK_Baby_loan_Renovation_loan_summary.pdf</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b>KEHOP 5 (Environmental and Energy Efficiency Operational Program)</b>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

|                                     |  |
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| <b>OBJECTIVES</b>                   | The overarching goal of the KEHOP (Environmental and Energy Efficiency Operational Program) is to achieve economic growth based on high value-added production and employment growth in line with the protection of human life and environmental elements, taking into account long-term changes.  |
| <b>SUPPORTED ACTIONS</b>            | <p>Directions of intervention defined by the Operational Program:</p> <ul style="list-style-type: none"> <li>• Adapting to climate change</li> <li>• Development of municipal water supply, sewage drainage and treatment, sewage treatment</li> <li>• Improvements related to waste management and remediation</li> <li>• Nature conservation and wildlife protection developments</li> <li>• Increasing energy efficiency, using renewable energy sources</li> </ul>   |
| <b>TEHCNOLOGIES COVERED</b>         | <p><input checked="" type="checkbox"/> geothermal</p> <p><input checked="" type="checkbox"/> solar thermal</p> <p><input checked="" type="checkbox"/> biomass</p> <p><input checked="" type="checkbox"/> District heating and cooling</p> <p><input checked="" type="checkbox"/> Heat pump</p> <p><input checked="" type="checkbox"/> Thermal energy storage</p> <p><input checked="" type="checkbox"/> Cogeneration</p> <p><input checked="" type="checkbox"/> Integrated solutions</p> <p><input type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call</p> |
| <b>COFINANCING or INTEREST RATE</b> | Municipal EE programme with 100% grant financing   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO (housing cooperatives)<br><input checked="" type="checkbox"/> Other: district heating providers, public non-profit sector |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Hungary<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2014-2020   |
| <b>RESOURCES</b>          | approximately HUF 749 billion in support  |
| <b>COUNTRY</b>            | Hungary   |
| <b>MANAGING AUTHORITY</b> | N/A   |
| <b>CONTACT</b>            | Attila Pablényi : <a href="mailto:info@dft.hu">info@dft.hu</a>  |
| <b>WEBSITE</b>            | <a href="https://www.kehop.hu/">https://www.kehop.hu/</a>   |

### IRELAND

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Support Scheme Renewable Heat (SSRH)</i></b>  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>         | <p>The Support Scheme for Renewable Heat is a government funded initiative designed to increase the energy generated from renewable sources in the heat sector. The scheme is open to commercial, industrial, agricultural, district heating, public sector and other non-domestic heat users.</p> <p>The primary objective of the support scheme for renewable heat is to increase the level of renewable energy in the heat sector. This will contribute to meeting Ireland's 2020 renewable energy targets whilst also reducing greenhouse gas emissions. The government funded scheme will support the adoption of renewable heating systems by commercial, industrial, agricultural, district heating, public sector and other non-domestic heat users not covered by the emissions trading system.</p> <p>The Scheme aims to:</p> <ul style="list-style-type: none"> <li>— Bridge the gap between the installation and operating costs of renewable heating systems and the conventional fossil fuel alternatives; and</li> <li>— Incentivise the development and supply of renewable heat.</li> </ul> <p>The Scheme will support</p> <ul style="list-style-type: none"> <li>— An installation grant</li> </ul> |

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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-----------------------------|---|
|                             | <ul style="list-style-type: none"> <li>– On-going operational support</li> </ul>  |
| <b>SUPPORTED ACTIONS</b>    | <p>Applicants must be able to demonstrate that:</p> <ul style="list-style-type: none"> <li>– Proposed heat use is eligible and adheres to verified energy efficiency criteria</li> <li>– Heat generating technologies and project installations comply with Building Regulations, Construction Products Regulations, EN Standards, efficiency, technology standards and air quality standards in relation to emissions</li> <li>– Designers and Installers are competent to carry out works</li> <li>– Recipients of payments meet tax clearance requirements</li> </ul> <p>Installation Grant</p> <p>Grant to support investment in renewable heating systems that use the following technologies:</p> <ul style="list-style-type: none"> <li>– Air source heat pumps</li> <li>– Ground source heat pumps</li> <li>– Water source heat pumps.</li> </ul> |
| <b>TEHCNOLOGIES COVERED</b> | <ul style="list-style-type: none"> <li><input type="checkbox"/> geothermal</li> <li><input type="checkbox"/> solar thermal</li> <li><input checked="" type="checkbox"/> biomass</li> <li><input checked="" type="checkbox"/> District heating and cooling</li> <li><input checked="" type="checkbox"/> Heat pump</li> <li><input type="checkbox"/> Thermal energy storage</li> <li><input type="checkbox"/> Cogeneration</li> <li><input type="checkbox"/> Integrated solutions</li> </ul>  |

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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | <p>The installation grant provides funding of up to 30% of eligible costs, to successful applicants. 2. Ongoing Operational Support / The Tariff</p> <p>The Scheme offers ongoing operational support (a tariff) based on useable heat output in renewable heating systems, in new installations or installations that currently use a fossil fuel heating system and convert to using the following technologies:</p> <ul style="list-style-type: none"> <li>– Biomass boiler or biomass HE CHP heating systems</li> <li>– Biogas (anaerobic digestion) boiler or biogas HE CHP heating systems</li> </ul> <p>The Tariff will be made available to successful applicants for a period of up to 15 years.</p>    |
| <b>RANGE OF FUNDING PER PROJECT</b> | Depends on variable factors  |
| <b>BENEFICIARIES</b>                | <p><input type="checkbox"/> university</p> <p><input type="checkbox"/> research centre</p> <p><input checked="" type="checkbox"/> public authorities</p> <p><input checked="" type="checkbox"/> start-up</p> <p><input checked="" type="checkbox"/> SME</p> <p><input checked="" type="checkbox"/> mid-cap company</p> <p><input checked="" type="checkbox"/> large company</p> <p><input type="checkbox"/> NGO</p> <p><input checked="" type="checkbox"/> Other: The government funded scheme will support the adoption of renewable heating systems by commercial, industrial, agricultural, district heating, public sector and other non-domestic heat users not covered by the emissions trading system</p> |

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|------------------|--|-----------------|---------|
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|---------------------------|--|
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Ireland</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | The first phase of the SSRH, an installation grant for heat pumps, opened in September 2018 and supports ground, air and water source electric heat pump installations with grant-aid up to 30% of the capital outlay. Under Project Ireland 2040, the National Development Plan sets out an allocation of €300 million for the rollout of the scheme for the period up to 2027. |
| <b>RESOURCES</b>          | EUR 300 million  |
| <b>COUNTRY</b>            | Ireland  |
| <b>MANAGING AUTHORITY</b> | Public - Sustainable Energy Authority of Ireland   |
| <b>CONTACT</b>            | Queries should be addressed to: SSRH@SEAI.ie<br>Phone: 01 2484982  |
| <b>WEBSITE</b>            | <a href="https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/">https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/</a>  |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Accelerated Capital Allowance scheme (ACA)</i></b>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |

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|                             | <input checked="" type="checkbox"/> Other: The Accelerated Capital Allowance (ACA) is a tax incentive scheme that promotes investment in energy efficient products & equipment  |
| <b>OBJECTIVES</b>           | <p>The ACA is based on the long-standing 'Wear and Tear Allowance' for investment in capital plant and machinery, whereby capital depreciation can be compensated through a reduction in an organisation's tax liability.</p>   |
| <b>SUPPORTED ACTIONS</b>    | <p>The ACA scheme allows a sole trader, farmer or company that pays corporation tax in Ireland to deduct the full cost of the equipment (energy efficient equipment) from their profits in the year of purchase. As a result, the reduction in tax paid by the organisation in that year is currently 12.5% of the value of capital expenditure. By contrast, the Wear and Tear Allowance provides the same tax reduction, but this is spread evenly over an eight-year period.</p> <p>Equipment use: The equipment purchased must be new and bought for use in a trade. It cannot be leased, let or hired to any person, body or organisation.</p> <p>Time period: ACA can be claimed for the accounting period in which the equipment was first provided, as long as the equipment is included on the published list at some stage during that accounting period.</p> |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Wind Turbines; Power Management etc (Triple E equipment and systems are listed under 10 broad categories and 52 associated   |

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|                                     | technologies - <a href="https://www.seai.ie/business-and-public-sector/triple-e-register-for-products/categories-and-criteria/">https://www.seai.ie/business-and-public-sector/triple-e-register-for-products/categories-and-criteria/</a> )  |
| <b>COFINANCING or INTEREST RATE</b> | ACA is available for costs directly related to providing the equipment. Expenditure on the technology must be equal to or exceed the minimum amounts for the relevant class of technology. Find the minimum amounts on the categories and criteria for Triple E page. <a href="https://www.seai.ie/business-and-public-sector/triple-e-register-for-products/categories-and-criteria/">https://www.seai.ie/business-and-public-sector/triple-e-register-for-products/categories-and-criteria/</a> |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 1,000 - €5,000  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Sole traders, and farmers that operate and pay corporation tax in Ireland     |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Ireland</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | Ongoing   |

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|---------------------------|---|
| <b>RESOURCES</b>          | Depends on number of claims (e.g. 2015 – tax rebate 1.1 million euros, no. of claims 65, Investment in qualifying ACA equipment 9 million€)   |
| <b>COUNTRY</b>            | Ireland   |
| <b>MANAGING AUTHORITY</b> | Public - Sustainable Energy Authority of Ireland  |
| <b>CONTACT</b>            | Email <a href="mailto:triplee@seai.ie">triplee@seai.ie</a> / Call 01 808 2100   |
| <b>WEBSITE</b>            | <a href="https://www.seai.ie/business-and-public-sector/business-grants-and-supports/accelerated-capital-allowance/">https://www.seai.ie/business-and-public-sector/business-grants-and-supports/accelerated-capital-allowance/</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Better Energy Communities 2020 (SEAI Community Grant)</i></b>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>         | Better Energy Communities is a national retrofit initiative with grant support of up to €20 million for 2020. It supports new approaches to achieving energy efficiency in Irish communities. Upgrades can take place across building types to reduce energy use and costs throughout the community. It aims to deliver energy savings to homeowners, communities, and private sector organisations. All projects should be community oriented with a cross-sectoral approach, and must show that you can sustainably finance the proposed project. |
| <b>SUPPORTED ACTIONS</b>  | The SEAI Community Grant supports energy efficiency community projects through capital funding, partnerships, and technical support.  |



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|------------------|--|-----------------|---------|
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|                                     | <p>Partnership is essential for a successful application. These partnerships can be assisted by SEAI if required.</p> <p>Innovative and pioneering partnerships between sectors are encouraged. This might include collaborations between public and private sectors, residential and non-residential sectors, commercial and not-for-profit organisations, or financing entities and energy suppliers. Projects that are part of a larger energy efficiency project or that engage with other SEAI programmes are welcome.</p>  |
| <b>TECHNOLOGIES COVERED</b>         | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> geothermal</li> <li><input checked="" type="checkbox"/> solar thermal</li> <li><input checked="" type="checkbox"/> biomass</li> <li><input checked="" type="checkbox"/> District heating and cooling</li> <li><input checked="" type="checkbox"/> Heat pump</li> <li><input checked="" type="checkbox"/> Thermal energy storage</li> <li><input checked="" type="checkbox"/> Cogeneration</li> <li><input checked="" type="checkbox"/> Integrated solutions</li> <li><input checked="" type="checkbox"/> Other: Energy efficiency community projects</li> </ul> |
| <b>COFINANCING or INTEREST RATE</b> | <p>BEC 2020 funding levels Residential:</p> <ul style="list-style-type: none"> <li>– Private - Fuel Poor - Up to 80%</li> <li>– Private - Non-Fuel Poor -Up to 35%</li> <li>– Local Authority - Up to 35%</li> <li>– Housing Association - Up to 50%</li> </ul> <p>BEC 2020 funding levels – Non-residential:</p> <ul style="list-style-type: none"> <li>– Not-for-profit/community – Up to 50%</li> <li>– Private and public sector – Up to 30%</li> </ul>  |

|                                     |  |
|-------------------------------------|--|
|                                     | – Public sector (exemplar) > 30% ≤ 50%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Variable depending on technology and scope   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Ireland</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | Ongoing/yearly (The deadline for applications to the Community Grants 2020 programme was 1pm on the 31st of January 2020).   |
| <b>RESOURCES</b>                    | Up to EUR 20 million for 2020, funding of EUR 25.3 million for 2019  |
| <b>COUNTRY</b>                      | Ireland  |
| <b>MANAGING AUTHORITY</b>           | Public - Sustainable Energy Authority of Ireland   |
| <b>CONTACT</b>                      | Email bec@seai.ie / Call 01 808 2162   |
| <b>WEBSITE</b>                      | <a href="https://www.seai.ie/grants/community-grants/">https://www.seai.ie/grants/community-grants/</a>  |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i>Home Energy Grants</i>  |
| <b>SUB-PROGRAMME</b>        | Heat Pumps   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | This type of grant is approved for the energy upgrade being applied to the home. The upgrades are completed based on the average number of people that could live in a home and its size, rather than the actual number of occupants.  |
| <b>SUPPORTED ACTIONS</b>    | All homeowners, including landlords, whose homes were built and occupied before 2011 can apply. This is defined as the date that the electricity meter was installed. Note that this is different to other grant measures where the home must be built before 2006.  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions |

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>Heat pump system grant values:</p> <ul style="list-style-type: none"> <li>– Air to Water €3,500</li> <li>– Ground Source to Water €3,500</li> <li>– Exhaust Air to Water €3,500</li> <li>– Water to Water €3,500</li> <li>– Air to Air €600</li> </ul> <p>If three upgrades are completed, the grant value will be increased by €300. If four upgrades are completed, the grant value will be increased by an additional €100. A total of €400. Grant for technical assessment</p> <p>There is also a €200 grant towards the technical assessment of the dwelling, with this grant only payable in conjunction with the heat pump system grant. To qualify for this funding, stakeholders must choose a Technical Advisor from the list of SEAI registered Technical Advisors, and complete the heat pump system and any upgrades required according to the programme rules.</p> |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company   |

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|---------------------------|--|
|                           | <input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Homeowners, including landlords, whose homes were built and occupied before 2011 can apply            |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Ireland</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | Ongoing  |
| <b>RESOURCES</b>          | Variable depending on applications   |
| <b>COUNTRY</b>            | Ireland  |
| <b>MANAGING AUTHORITY</b> | Public - Sustainable Energy Authority of Ireland   |
| <b>CONTACT</b>            | Call 01 808 2100 / Email <a href="mailto:info@betterenergyhomes.ie">info@betterenergyhomes.ie</a>  |
| <b>WEBSITE</b>            | <a href="https://www.seai.ie/grants/home-energy-grants/heat-pump-systems/">https://www.seai.ie/grants/home-energy-grants/heat-pump-systems/</a>                                  |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Home Energy Grants</i></b>   |
| <b>SUB-PROGRAMME</b>      | Solar Water Heating  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

|                  |  |                 |         |
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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                                     |  |
|-------------------------------------|--|
| <b>OBJECTIVES</b>                   | <p>This type of grant is approved for the energy upgrade being applied to the home. The upgrades are completed based on the average number of people that could live in a home of its size, rather than the actual number of occupants. If enough collectors are not installed this may result in non-payment of the grant. It is important that this compliance check is carried out by the registered Contractor before work starts.</p> <p>For further information, please refer to our Solar Technical Guidance and Compliance Calculator. <a href="https://www.seai.ie/grants/supports-for-contractors/">https://www.seai.ie/grants/supports-for-contractors/</a></p> |
| <b>SUPPORTED ACTIONS</b>            | All homeowners, including landlords, whose homes were built and occupied before 2011 can apply. This is defined as the date that the electricity meter was installed. Note that this is different to other grant measures where the home must be built before 2006.  |
| <b>TEHCHNOLOGIES COVERED</b>        | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | €1200 - If three upgrades are completed, the grant value will be increased by €300. If four upgrades are completed, the grant value will be increased by an additional €100. A total of €400.  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university  |

|                  |  |                 |         |
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|---------------------------|---|
|                           | <input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: All homeowners, including landlords, whose homes were built and occupied before 2011 can apply |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Ireland</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | Ongoing   |
| <b>RESOURCES</b>          | Variable depending on applications  |
| <b>COUNTRY</b>            | Ireland   |
| <b>MANAGING AUTHORITY</b> | Public - Sustainable Energy Authority of Ireland  |
| <b>CONTACT</b>            | Call 01 808 2100 / Email <a href="mailto:info@betterenergyhomes.ie">info@betterenergyhomes.ie</a>   |
| <b>WEBSITE</b>            | <a href="https://www.seai.ie/grants/home-energy-grants/solar-water-heating-grant/">https://www.seai.ie/grants/home-energy-grants/solar-water-heating-grant/</a>   |

### ITALY

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Conto termico (Thermal account)</i>  |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | The objective of the <i>Conto termico</i> is to incentivise actions aiming at increasing energy efficiency and the use of renewable energy by substituting old installations with new ones.   |
| <b>SUPPORTED ACTIONS</b>    | <ul style="list-style-type: none"> <li>• Substitution of an existing installation with a heat pump</li> <li>• Substitution of an existing installation with a biomass boiler</li> <li>• New installation solar thermal heating and cooling system</li> </ul>  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions |



|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Maximum reimbursement per installation is of 400.000€ per activity.<br>Co-financing rate of 40%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | The total of the grant depends on the type of action. In general, its total amount represents 40% of the total expenditure. For more details, please make reference to the summary Table available on page 39 of the <a href="#">Guidelines</a> , where a maximum cost per area, according to the type of intervention, is also identified.  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Individuals, ESCOs |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Italy</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | 2016- ongoing  |
| <b>RESOURCES</b>                    | EUR 900 million (EUR 200 million for public authorities)   |
| <b>COUNTRY</b>                      | Italy  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | GSE (Gestore Servizi Energetici)  |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.gse.it/servizi-per-te/efficienza-energetica/conto-termico">https://www.gse.it/servizi-per-te/efficienza-energetica/conto-termico</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Fondo nazionale efficienza energetica (National Fund for Energy Efficiency)</i>  |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | This fund supports activities aiming at achieving the national energy efficiency targets, set in line with the Kyoto Protocol   |
| <b>SUPPORTED ACTIONS</b>    | Building and construction of district heating and cooling systems   |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Subsidised rate of 0,25%<br>For grants: co-financing of 80%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <ul style="list-style-type: none"> <li>• Co-financing of 80% for projects between EUR 150.000 up to EUR 2.500.000</li> <li>• Covering a maximum of 70% of the costs with a subsidised rate for projects between EUR 250.000 and EUR 4.000.000.</li> </ul>   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: ESCOs |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Italy</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 2017- ongoing   |
| <b>RESOURCES</b>                    | EUR 310 million (30% as guarantee; 70% as a subsidised loan of 0,25%)   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Italy   |
| <b>MANAGING AUTHORITY</b> | Invitalia   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.invitalia.it/cosa-facciamo/rafforziamo-le-imprese/fnee">https://www.invitalia.it/cosa-facciamo/rafforziamo-le-imprese/fnee</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Programma Operativo Nazionale (PON) Ricerca e Innovazione 2014-2020</i></b><br><i>(National Operational Plan for Research and Innovation (2014-2020))</i>  |
| <b>SUB-PROGRAMME</b>      | Energy   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>         | The objective of this fund is to increase the competitiveness and innovation potential of regions in the South of Italy by creating opportunities for local development; by fostering the creation of innovation labs; by strengthening cooperation between business, research and academia; by supporting new skills and expertise. |
| <b>SUPPORTED ACTIONS</b>  | <ul style="list-style-type: none"> <li>Area 1 - Actions for human capital</li> <li>Area 2 - Thematic projects (innovative demonstrators; clusters; innolabs)</li> <li>Area 3 - Technical support</li> </ul>  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | Co-funding between 60 and 80%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Not specified – depending on the project   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: ESCOs                    |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Italy (Abruzzo, Molise, Sardegna, Basilicata, Campania, Calabria, Puglia, Sicilia)<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2014-2020   |
| <b>RESOURCES</b>          | EUR 1.189 million (to be redistributed to 12 priority areas. Energy being one of those)   |
| <b>COUNTRY</b>            | Italy   |
| <b>MANAGING AUTHORITY</b> | Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)-<br><i>Ministry of Education, University and Research</i>   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="http://www.ponricerca.gov.it/pon-ricerca/programma/">http://www.ponricerca.gov.it/pon-ricerca/programma/</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Fondo per la crescita sostenibile (Sustainable Development Fund)</i>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | To support experimental research and activities  |
| <b>SUPPORTED ACTIONS</b>  | <ul style="list-style-type: none"> <li>To support pilot projects, demonstrators and prototypes in areas of strategic interest for the country</li> </ul>   |

|                                     |  |
|-------------------------------------|--|
|                                     | <ul style="list-style-type: none"> <li>To acquire new knowledge with a view to developing new products, and processes</li> <li>To facilitate internationalisation</li> </ul>   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | Co-funding of 50%  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Subsidised loan (with a rate which is 20% the reference financing rate) for projects whose amount is less than EUR 3 million<br><br>Contribution to expenses for a maximum of 20% of total eligible expenses   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Italy</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2014-2020  |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Italy  |
| <b>MANAGING AUTHORITY</b> | MISE (Ministry for Economic Growth)  |
| <b>CONTACT</b>            | antonio.martini@mise.gov.it  |
| <b>WEBSITE</b>            | <a href="https://www.mise.gov.it/index.php/it/component/content/article?id=2003170">https://www.mise.gov.it/index.php/it/component/content/article?id=2003170</a>              |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Fondo nazionale per l'innovazione (National Innovation Fund)</i>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy |



## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Other: Venture capital   |
| <b>OBJECTIVES</b>                   | To support development of highly innovative companies  |
| <b>SUPPORTED ACTIONS</b>            | Strategic investments in innovative start-up, scale-up and SMEs, as well as in capital (Green tech amongst other areas)  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | Direct and indirect investments in some typologies of highly innovative companies  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: scale-up  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Italy</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:      |
| <b>TIMEFRAME</b>          | 2019- 2021  |
| <b>RESOURCES</b>          | EUR 1 billion (covering several areas, not only energy)   |
| <b>COUNTRY</b>            | Italy   |
| <b>MANAGING AUTHORITY</b> | Cassa Depositi e Prestiti   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="https://www.mise.gov.it/index.php/it/incentivi/impresa/fondo-nazionale-innovazione">https://www.mise.gov.it/index.php/it/incentivi/impresa/fondo-nazionale-innovazione</a> |

### LATVIA

|                            |   |
|----------------------------|---|
| <b>PROGRAMME</b>           | <i>Law on the Value Added Tax</i>   |
| <b>SUB-PROGRAMME</b>       | VAT reductions for biogas and solid biomass   |
| <b>TYPE OF INSTRUMENT</b>  | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>VAT reductions   |
| <b>OBJECTIVES</b>          | Promote the use of biomass and biogas for household needs   |
| <b>SUPPORTED ACTIONS</b>   | Companies who are supplying biomass and biogas shall pay a VAT rate reduced from 21% to 12%.  |
| <b>TEHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>Solid biomass and biogas |

|                                     |  |
|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br>.....<br><input type="checkbox"/> MSs' region/s:<br>All of Latvia<br>.....<br><input type="checkbox"/> Other:<br>.....   |
| <b>TIMEFRAME</b>                    | Starting from 01.01.2013   |
| <b>RESOURCES</b>                    | VAT reduction by tax authority from 21% to 12%   |
| <b>COUNTRY</b>                      | Latvia's   |
| <b>MANAGING AUTHORITY</b>           | Latvia's State Revenue Service   |

|                |   |
|----------------|---|
| <b>CONTACT</b> | Valsts ieņēmumu dienests (VID) – State Revenue Service<br>+371 670 01 898<br>VID.konsultanti@vid.gov.lv |
| <b>WEBSITE</b> | <a href="https://www.vid.gov.lv/">https://www.vid.gov.lv/</a>   |

|                            |   |
|----------------------------|---|
| <b>PROGRAMME</b>           | <i>Law on Excise Duties - Par akcīzes nodokli</i>   |
| <b>SUB-PROGRAMME</b>       | Tax allowance for biomethane for heating  |
| <b>TYPE OF INSTRUMENT</b>  | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>Tax reduction  |
| <b>OBJECTIVES</b>          | Make biomethane more affordable for heating purposes  |
| <b>SUPPORTED ACTIONS</b>   | Reduced tax rate for end-users of biomethane.   |
| <b>TEHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration |

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>.....  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br>.....<br><input type="checkbox"/> MSs' region/s:<br>In Latvia<br>.....<br><input type="checkbox"/> Other:<br>.....   |
| <b>TIMEFRAME</b>                    | Law from 01.05.2004  |
| <b>RESOURCES</b>                    | For reference, the tax rate for the year 2018 was € 1.65 per MWh   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
| <b>COUNTRY</b>            | Latvia   |
| <b>MANAGING AUTHORITY</b> | Latvia's State Revenue Service   |
| <b>CONTACT</b>            | Valsts ieņēmumu dienests (VID) – State Revenue Service<br>+371 670 01 898<br>VID.konsultanti(at)vid.gov.lv |
| <b>WEBSITE</b>            | <a href="https://www.vid.gov.lv/">https://www.vid.gov.lv/</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Climate Change Financial Instrument financed by ETS allowances - Regular calls under "Klimata pārmaiņu finanšu instruments (KPFI) "</i>  |
| <b>SUB-PROGRAMME</b>      | Reduction of greenhouse gas emissions - low energy buildings  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>----- |
| <b>OBJECTIVES</b>         | Reduce carbon footprint of private and public buildings   |
| <b>SUPPORTED ACTIONS</b>  | Energy efficiency measures and integration of RES, mainly on buildings.   |

|                                     |  |
|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>..... |
| <b>COFINANCING or INTEREST RATE</b> | Variable   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>.....                          |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <p>Across Latvia</p> <p><input type="checkbox"/> MSs' region/s:</p> <p><input type="checkbox"/> Other:</p>                        |
| <b>TIMEFRAME</b>          | From 2012   |
| <b>RESOURCES</b>          | Depends on carbon price and allowances  |
| <b>COUNTRY</b>            | Latvia  |
| <b>MANAGING AUTHORITY</b> | Climate Change Department   |
| <b>CONTACT</b>            | <p><b><i>Raimonds Kašs</i></b></p> <p>Acting Director of Department Manager</p> <p>67026538</p> <p>raimonds.kass@varam.gov.lv</p> |
| <b>WEBSITE</b>            | <p><a href="#">Par KPFI   Vides aizsardzības un reģionālās attīstības ministrija (varam.gov.lv)</a></p>                           |

### LITHUANIA

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | National Energy Independence Strategy (NEIS)   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>.....  |
| <b>OBJECTIVES</b>           | Ensure Lithuania's energy independence by strengthening Lithuanian's energy security and competitiveness.  |
| <b>SUPPORTED ACTIONS</b>    | Integration of renewable energy sources, energy efficiency improvements  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |

|                                     |  |
|-------------------------------------|--|
|                                     | -----  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>----- |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br>-----<br><input type="checkbox"/> MSs' region/s:<br>-----<br><input type="checkbox"/> Other:<br>-----   |
| <b>TIMEFRAME</b>                    | 2020-2022  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | EUR 775 million   |
| <b>COUNTRY</b>            | Lithuania   |
| <b>MANAGING AUTHORITY</b> | Ministry of Energy  |
| <b>CONTACT</b>            | <a href="mailto:info@enmin.lt">info@enmin.lt</a>                |
| <b>WEBSITE</b>            | <a href="https://enmin.lrv.lt/en/">https://enmin.lrv.lt/en/</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | Eco-inovacijos LT   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>----- |
| <b>OBJECTIVES</b>         | Implementation and promotion of non-technological eco-innovation to reduce the negative consequences of climate change and greenhouse gas emissions   |
| <b>SUPPORTED ACTIONS</b>  | Implementation of environmental management systems, Ecological design, Eco-labelling  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>----- |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>-----   |

|                           |  |
|---------------------------|--|
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br><hr/> <input type="checkbox"/> MSs' region/s:<br><br><hr/> <input type="checkbox"/> Other:<br><br><hr/> |
| <b>TIMEFRAME</b>          | 2018-2023  |
| <b>RESOURCES</b>          | € 4,344,300  |
| <b>COUNTRY</b>            | Lithuania  |
| <b>MANAGING AUTHORITY</b> | Ministry of Economy and Innovation<br>Lithuanian Business Support Agency   |
| <b>CONTACT</b>            | <a href="mailto:kanc@eimin.lt">kanc@eimin.lt</a><br><a href="mailto:info@lvpa.lt">info@lvpa.lt</a>   |
| <b>WEBSITE</b>            | <a href="https://www.esinvesticijos.lt/">https://www.esinvesticijos.lt/</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | Eco-innovations LT +  |
| <b>SUB-PROGRAMME</b>      | EU Structural Fund  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee |

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>.....  |
| <b>OBJECTIVES</b>                   | Implementation and promotion of technological eco-innovation  |
| <b>SUPPORTED ACTIONS</b>            | N/A   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>..... |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br>.....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>.....                               |
| <b>TIMEFRAME</b>          | 2018-2023  |
| <b>RESOURCES</b>          | €86,886,005  |
| <b>COUNTRY</b>            | Lithuania  |
| <b>MANAGING AUTHORITY</b> | Ministry of Economy and Innovation<br>Lithuanian Business Support Agency   |
| <b>CONTACT</b>            | <a href="mailto:kanc@eimin.lt">kanc@eimin.lt</a><br><a href="mailto:info@lvpa.lt">info@lvpa.lt</a>   |
| <b>WEBSITE</b>            | <a href="https://www.esinvesticijos.lt/lt/">https://www.esinvesticijos.lt/lt/</a>  |



|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | Ikiprekybiniai pirkimai LT  |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>-----   |
| <b>OBJECTIVES</b>           | Stimulate the demand for innovation through pre-commercial procurement (encouraging public authorities to purchase R&D services) that creates a new, non-market product, service, material, process or substantially improves an existing product, service, material, process to address socio-economic issues of public concern decision.  |
| <b>SUPPORTED ACTIONS</b>    | Innovation in all areas of public administration  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: |

|                                     |  |
|-------------------------------------|--|
|                                     | Innovative technologies<br>.....   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br>.....<br><input checked="" type="checkbox"/> MSs' region/s:<br>Lithuania<br>.....<br><input type="checkbox"/> Other:<br>.....  |
| <b>TIMEFRAME</b>                    | 2018-2023  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | €15,110,854   |
| <b>COUNTRY</b>            | Lithuania   |
| <b>MANAGING AUTHORITY</b> | Agency for Science, Innovation and Technology (MITA)  |
| <b>CONTACT</b>            | <a href="mailto:info@mita.lt">info@mita.lt</a>  |
| <b>WEBSITE</b>            | <a href="https://www.esinvesticijos.lt/lt//finansavimas/patvirtintos_priemones/ikiprekybiniai-pirkimai-lt">https://www.esinvesticijos.lt/lt//finansavimas/patvirtintos_priemones/ikiprekybiniai-pirkimai-lt</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | INTELEKTAS LT-2   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>..... |
| <b>OBJECTIVES</b>         | Promotion of RDI and the certification of new products and technologies and related activities  |

|                                     |  |
|-------------------------------------|--|
| <b>SUPPORTED ACTIONS</b>            | Start-up investments by enterprises that create new or expand R&D and innovation infrastructure of an existing enterprise and that are not publicly available or in clusters   |
| <b>TEHCHNOLOGIES COVERED</b>        | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: ..... |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: .....   |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | .....  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br>.....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>..... |
| <b>TIMEFRAME</b>          | 2018-2023  |
| <b>RESOURCES</b>          | 12,457,447   |
| <b>COUNTRY</b>            | Lithuania  |
| <b>MANAGING AUTHORITY</b> | Lithuanian Business Support Agency<br>Ministry of Economy and Innovation   |
| <b>CONTACT</b>            | <a href="mailto:info@lvpa.lt">info@lvpa.lt</a><br><a href="mailto:kanc@eimin.lt">kanc@eimin.lt</a>   |
| <b>WEBSITE</b>            | <a href="https://www.esinvesticijos.lt/lt//finansavimas/patvirtintos_priemones/">https://www.esinvesticijos.lt/lt//finansavimas/patvirtintos_priemones/</a>  |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | The joint Baltic-Nordic Energy Research Program                            |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>.....  |
| <b>OBJECTIVES</b>                   | Promote energy research and analysis in the Baltic States and inspire intra-Baltic and Baltic-Nordic collaboration.  |
| <b>SUPPORTED ACTIONS</b>            | Action no 1: Promotion of intra-Baltic and Baltic-Nordic research projects with participation of Baltic researchers,<br>Action no 2: A Baltic-Nordic Doctor of Philosophy (PhD) collaboration,<br>Action no 3: Exchange of energy researchers between the Baltic and Nordic countries.   |
| <b>TEHNOLOGIES COVERED</b>          | <input checked="" type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>..... |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |

|                                     |   |
|-------------------------------------|---|
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Nordic and Baltic states</i><br>.....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>.....   |
| <b>TIMEFRAME</b>                    | 2018-2022   |
| <b>RESOURCES</b>                    | 24 million NOK (2.3 million EUR)  |
| <b>COUNTRY</b>                      | Norway  |
| <b>MANAGING AUTHORITY</b>           | Nordic Energy Research  |

|                |   |
|----------------|---|
| <b>CONTACT</b> | <a href="mailto:kevin.johnsen@nordicenergy.org">kevin.johnsen@nordicenergy.org</a>  |
| <b>WEBSITE</b> | <a href="https://www.nordicenergy.org/programme/the-joint-baltic-nordic-energy-research-programme/">https://www.nordicenergy.org/programme/the-joint-baltic-nordic-energy-research-programme/</a> |

|                              |   |
|------------------------------|---|
| <b>PROGRAMME</b>             | Ignitis Group Smart Energy Venture Capital Fund   |
| <b>SUB-PROGRAMME</b>         | N/A   |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>Venture Capital Fund  |
| <b>OBJECTIVES</b>            | Enable the transformation of the sustainable energy transition sector   |
| <b>SUPPORTED ACTIONS</b>     | Early-stage technology companies with innovative and disruptive energy technology solutions.  |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration |



|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>.....   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br>.....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>.....   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>TIMEFRAME</b>          | From 2017   |
| <b>RESOURCES</b>          | 2 million EUR per year  |
| <b>COUNTRY</b>            | Lithuania   |
| <b>MANAGING AUTHORITY</b> | Contrarian Ventures   |
| <b>CONTACT</b>            | <a href="https://www.cventures.vc/contact/">https://www.cventures.vc/contact/</a><br><a href="mailto:info@ignitisinnovation.com">info@ignitisinnovation.com</a> |
| <b>WEBSITE</b>            | <a href="https://ignitisgrupe.lt/en/Ignitis-Innovation-Fund">https://ignitisgrupe.lt/en/Ignitis-Innovation-Fund</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | Smart Specialization Programme  |
| <b>SUB-PROGRAMME</b>      | Energy and environmental sustainability   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>..... |
| <b>OBJECTIVES</b>         | Energy and sustainable environment  |
| <b>SUPPORTED ACTIONS</b>  | Enhancing interoperability between distributed and centralised generation, networks and energy efficiency<br>Meeting the needs of existing and new end-users, and strengthening energy efficiency and smartness;                    |

|                                     |   |
|-------------------------------------|---|
|                                     | Development of the use of renewable biomass and solar energy sources and the recycling of waste for energy recovery   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>..... |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |

|                           |  |
|---------------------------|--|
|                           | .....  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br>.....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>..... |
| <b>TIMEFRAME</b>          | 2014-2023  |
| <b>RESOURCES</b>          | 68 million EUR   |
| <b>COUNTRY</b>            | Lithuania  |
| <b>MANAGING AUTHORITY</b> | Strata - Government strategic analysis center  |
| <b>CONTACT</b>            | <a href="mailto:info@strata.gov.lt">info@strata.gov.lt</a>   |
| <b>WEBSITE</b>            | <a href="https://strata.gov.lt/en/smart-specialisation">https://strata.gov.lt/en/smart-specialisation</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | EEA and Norway Grants 2014-2021   |
| <b>SUB-PROGRAMME</b>      | Business Development, Innovation and SMEs<br>Environment, Energy, Climate Change  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity |

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>.....   |
| <b>OBJECTIVES</b>                   | Modernising the public sector through cooperation between local authorities and public institutions in Lithuania and Norway<br>Promoting green industry innovation and entrepreneurship  |
| <b>SUPPORTED ACTIONS</b>            | Development of innovative products or technologies that are close to market<br>Commercialisation of innovation activities<br>Modernisation and strengthening of businesses   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>Innovative technologies ..... |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>..... |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br>.....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>.....   |
| <b>TIMEFRAME</b>          | 2014-2021  |
| <b>RESOURCES</b>          | 26 million EUR   |
| <b>COUNTRY</b>            | Norway   |
| <b>MANAGING AUTHORITY</b> | Norway Grants  |
| <b>CONTACT</b>            | <a href="mailto:eeagrants@finmin.lt">eeagrants@finmin.lt</a>   |
| <b>WEBSITE</b>            | <a href="https://eeagrants.org/countries/lithuania">https://eeagrants.org/countries/lithuania</a>  |

|                              |  |
|------------------------------|--|
| <b>PROGRAMME</b>             | Climate Change Program   |
| <b>SUB-PROGRAMME</b>         | N/A  |
| <b>TYPE OF INSTRUMENT</b>    | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>auction allowances  |
| <b>OBJECTIVES</b>            | Mitigation of climate change consequences (quantitative reduction of GHG emissions) and adaptation to changes caused by climate change   |
| <b>SUPPORTED ACTIONS</b>     | Energy consumption and efficiency increase projects<br>Projects promoting the use of renewable energy sources and introducing environmentally friendly technologies  |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |

|                                     |   |
|-------------------------------------|---|
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:<br>Natural persons and legal entities ..... |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i> .....<br><input type="checkbox"/> MSs' region/s:<br>.....<br><input type="checkbox"/> Other:<br>.....   |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | Approved each year and drafted by the Ministry of the Environment   |
| <b>COUNTRY</b>                      | Lithuania   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | Environmental Projects Management Agency (EPMA)   |
| <b>CONTACT</b>            | <a href="mailto:apva@apva.it">apva@apva.it</a>  |
| <b>WEBSITE</b>            | <a href="https://www.apva.it/en/national-investments/climate-change-program/">https://www.apva.it/en/national-investments/climate-change-program/</a> |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | Energy Efficiency Fund   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input checked="" type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>..... |
| <b>OBJECTIVES</b>           | To improve energy efficiency and reduce reliance on external suppliers of oil and gas, lower the energy bills, and help protect the environment  |
| <b>SUPPORTED ACTIONS</b>    | Modernization of central government buildings  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling   |

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>Energy efficiency technologies   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:<br>Central government |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br><input type="checkbox"/> MSs' region/s:  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input type="checkbox"/> Other:<br>.....  |
| <b>TIMEFRAME</b>          | 2015-2030   |
| <b>RESOURCES</b>          | 80 million EUR  |
| <b>COUNTRY</b>            | Lithuania   |
| <b>MANAGING AUTHORITY</b> | Public Investment Development Agency (VIPA)   |
| <b>CONTACT</b>            | <a href="mailto:info@vipa.lt">info@vipa.lt</a>  |
| <b>WEBSITE</b>            | <a href="https://www.cpva.lt/en/energy-efficiency-fund/577">https://www.cpva.lt/en/energy-efficiency-fund/577</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | Municipalities Buildings Fund   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>..... |
| <b>OBJECTIVES</b>         | N/A   |
| <b>SUPPORTED ACTIONS</b>  | N/A   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>TECHNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>Energy efficiency technologies ..... |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>.....  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Lithuania</i><br><hr/> <input type="checkbox"/> MSs' region/s:<br><hr/> <input type="checkbox"/> Other:<br><hr/> |
| <b>TIMEFRAME</b>          | From 2018  |
| <b>RESOURCES</b>          | 37.27 million EUR  |
| <b>COUNTRY</b>            | Lithuania  |
| <b>MANAGING AUTHORITY</b> | Public Investment Development Agency (VIPA)  |
| <b>CONTACT</b>            | <a href="mailto:info@vipa.lt">info@vipa.lt</a>   |
| <b>WEBSITE</b>            | <a href="https://www.vipa.lt/en/home/about-us/services/municipalities-buildings-fund/">https://www.vipa.lt/en/home/about-us/services/municipalities-buildings-fund/</a>                                    |

### LUXEMBOURG

|                              |   |
|------------------------------|---|
| <b>PROGRAMME</b>             | <i>Industrial fellowships</i>   |
| <b>SUB-PROGRAMME</b>         | N/A   |
| <b>TYPE OF INSTRUMENT</b>    | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>            | The aim of the Industrial Fellowships programme (formerly AFR-PPP) is to foster the cooperation between Luxembourg based companies active in R&D and public research institutions in Luxembourg and/or abroad   |
| <b>SUPPORTED ACTIONS</b>     | The scheme awards PhD and Postdoc grants to researchers who carry out their PhD and/or postdoc training in collaboration with a company in Luxembourg. The scheme is open to all scientific domains, and to all researchers, regardless of their nationality  |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 46,258 – 65,315/year   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Luxembourg</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 1-4 years  |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | Luxembourg   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | FNR (public)  |
| <b>CONTACT</b>            | jill.mousel@fnr.lu  |
| <b>WEBSITE</b>            | <a href="https://www.fnr.lu/funding-instruments/industrial-fellowships/">https://www.fnr.lu/funding-instruments/industrial-fellowships/</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Aide pour des projets de recherche et développement (R&amp;D) (Aid for research and development projects)</i>  |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | N/A   |
| <b>SUPPORTED ACTIONS</b>    | <ul style="list-style-type: none"> <li>• Experimental development</li> <li>• Fundamental research</li> <li>• Industrial research</li> </ul>   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | 25%-80%  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Luxembourg</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | N/A  |
| <b>COUNTRY</b>                      | Luxembourg   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | Ministère de l'Economie (public)  |
| <b>CONTACT</b>            | <a href="mailto:pascal.fabing@luxinnovation.lu">pascal.fabing@luxinnovation.lu</a><br><a href="mailto:loi.rdi@eco.etat.lu">loi.rdi@eco.etat.lu</a>  |
| <b>WEBSITE</b>            | <a href="http://www.innovation.public.lu/en/financer/competitivite/grants/meco-projets-programmes-rd/index.html">http://www.innovation.public.lu/en/financer/competitivite/grants/meco-projets-programmes-rd/index.html</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Direct loan for Research, Development and Innovation</i>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | Encourage and help innovative small and medium-sized enterprises (SMEs)   |
| <b>SUPPORTED ACTIONS</b>    | Innovative SMEs which possess a business permit issued pursuant to the law of 2 September 2011 (right of establishment) for at least 4 years and have a substantial impact on national economic development   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Max. 40% (Max. EUR 250,000)   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Luxembourg</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | 10 years  |
| <b>RESOURCES</b>                    | N/A   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Luxembourg  |
| <b>MANAGING AUTHORITY</b> | Société Nationale de Crédit et d'Investissement (SNCI) (public)   |
| <b>CONTACT</b>            | snci@snci.lu  |
| <b>WEBSITE</b>            | <a href="http://www.innovation.public.lu/en/financer/competitivite/loans/snci-pret-direct-rdi/index.html">http://www.innovation.public.lu/en/financer/competitivite/loans/snci-pret-direct-rdi/index.html</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Loan for innovative enterprises</i>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>         | Encourage and help young and innovative small and medium-sized enterprises (SMEs).   |
| <b>SUPPORTED ACTIONS</b>  | The beneficiary is an innovative enterprise, in so far as it can be demonstrated on the basis of a business plan, the development and commercialization of products/services or processes that are new or substantially improved/changed as compared to the state of the art in the concerned industry sector, and which carry a risk of technological or industrial failure. The innovative character of processes should be of a technological nature. The innovative character of products or services should be of a technological, commercial and/or organisational nature. |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | EUR 1,500,000 without exceeding 35% of eligible costs  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> MSs: <i>Luxembourg</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | N/A   |
| <b>RESOURCES</b>          | N/A   |
| <b>COUNTRY</b>            | Luxembourg  |
| <b>MANAGING AUTHORITY</b> | Société Nationale de Crédit et d'Investissement (SNCI) (public)   |
| <b>CONTACT</b>            | snci@snci.lu  |
| <b>WEBSITE</b>            | <a href="http://www.innovation.public.lu/en/financer/competitivite/loans/snci-pre-entreprises-novatrices/index.html">http://www.innovation.public.lu/en/financer/competitivite/loans/snci-pre-entreprises-novatrices/index.html</a> |

### MALTA

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b>2021 Renewable Energy Sources Scheme</b>  |
| <b>SUB-PROGRAMME</b>        | Name of the sub-programme, if relevant   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | The aim is to further encourage the use of photovoltaic systems for residential use  |
| <b>SUPPORTED ACTIONS</b>    | Co-financing of eligible costs of the system and battery storage, to be selected out of a range of 4 grant options.  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Photovoltaic |

|                                     |  |
|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | Grant percentage (depending on the type of instrument)   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Based on the system cost   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br>X MSs: Malta<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | Up to 50% of eligible costs per system, and up to 80% of eligible costs for battery storage solutions  |
| <b>COUNTRY</b>                      | Malta  |
| <b>MANAGING AUTHORITY</b>           | N/A  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                |   |
|----------------|---|
| <b>CONTACT</b> | N/A   |
| <b>WEBSITE</b> | <a href="https://www.rews.org.mt/#/en/sdgr/463-2021-renewable-energy-sources-scheme">https://www.rews.org.mt/#/en/sdgr/463-2021-renewable-energy-sources-scheme</a> |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b><i>Solar Water Heater Scheme</i></b>  |
| <b>SUB-PROGRAMME</b>        | Name of the sub-programme, if relevant   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | The aim is to further encourage the use of Solar Water Heaters in the domestic sector.   |
| <b>SUPPORTED ACTIONS</b>    | Co-financing of eligible costs of the solar water heater, including VAT. Additional grant after 5 years to cover maintenance costs.  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions |

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Grant percentage (depending on the type of instrument)   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Based on the system cost   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br>X MSs: Malta<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | Up to 75% of the solar water heater itself, including VAT, capped at €1.400. Additional grant of €500 to cover maintenance costs after 5 years.  |
| <b>COUNTRY</b>                      | Malta  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | N/A   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="#">Solar Water Heater Grant (gov.mt)</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Heat Pump Water Heater Scheme</i>  |
| <b>SUB-PROGRAMME</b>        | Name of the sub-programme, if relevant  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | The aim is to further encourage the use of Heat Pumps as a means for heating water in the domestic sector.  |
| <b>SUPPORTED ACTIONS</b>    | Co-financing of eligible costs of the water Heat Pump.  |
| <b>TECHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration |

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | Grant percentage (depending on the type of instrument)   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Based on the system cost   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br>X MSs: Malta<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | Up to 50% of the water Heat Pump itself, including VAT, capped at €1.000   |
| <b>COUNTRY</b>                      | Malta  |

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | N/A   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="#">Heat Pump Water Heater Scheme</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Research and Development 2020</i>  |
| <b>SUB-PROGRAMME</b>        | Name of the sub-programme, if relevant  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Tax credits                   |
| <b>OBJECTIVES</b>           | The aim is to support industrial research or experimental development projects leading to the development of innovative products and solutions  |
| <b>SUPPORTED ACTIONS</b>    | Tax credits or cash grants may be given to cover personnel costs, materials, apportioned utility costs, costs of outsourcing activities, depreciation of the plant, machinery and equipment, costs for validating & defending IP rights.                            |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Tax credit or cash grant, an additional 15% of co-financing rates is possible for projects involving effective collaboration.  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Funding can reach up to 80% if they entail effective collaborations.   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br>X MSs: Malta<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | N/A  |

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Malta   |
| <b>MANAGING AUTHORITY</b> | N/A   |
| <b>CONTACT</b>            | N/A   |
| <b>WEBSITE</b>            | <a href="#">Research and Development 2020</a> |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i>Skills Development Scheme 2020</i>  |
| <b>SUB-PROGRAMME</b>        | Name of the sub-programme, if relevant   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Tax credits  |
| <b>OBJECTIVES</b>           | The aim is to support training and knowledge transfer initiatives  |
| <b>SUPPORTED ACTIONS</b>    | Tax credits or cash grants may be given to cover consultancy costs for developing the training programme, wage costs of training service providers, air travel expenses to send trainees to foreign locations or to bring trainers to Malta, rental of training rooms, tools, and equipment. |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | Tax credit or cash grant   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br>X MSs: Malta<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A  |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|                           |  |
|---------------------------|--|
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Malta  |
| <b>MANAGING AUTHORITY</b> | N/A  |
| <b>CONTACT</b>            | N/A  |
| <b>WEBSITE</b>            | <a href="#">Skills Development Scheme 2020</a> |

### NETHERLANDS

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <i>TKI Urban Energy</i>  |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | Innovation programme in heating and cooling  |
| <b>SUPPORTED ACTIONS</b>    | Support for innovative projects in heat pumps, thermal storage (small- and large-scale) and low and medium heat district heating.  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions |

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: depends on the project team |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: the Netherlands<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | N/A   |
| <b>COUNTRY</b>                      | The Netherlands   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | Topsector Energie (programme of the Dutch government, consortium of companies and public research institutes)               |
| <b>CONTACT</b>            | 030-747 00 27<br>E-mail: info@tki-urbanenergy.nl  |
| <b>WEBSITE</b>            | <a href="https://www.topsectorenergie.nl/tki-urban-energy">https://www.topsectorenergie.nl/tki-urban-energy</a> (EN and DT) |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b><i>Mission-driven Research, Development and Innovation subsidy scheme (MOOI)</i></b>   |
| <b>SUB-PROGRAMME</b>        | 'Gebouwde omgeving'/'Built environment'   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:          |
| <b>OBJECTIVES</b>           | Reduce the costs of getting to a natural gas-free built environment (at least 20% lower) and improve the reliability of the energy system   |
| <b>SUPPORTED ACTIONS</b>    | Innovations in: renovation in homes and utility buildings, solutions for making the collective heat and cold supply more sustainable, and smart solutions for the reliability, affordability and fairness of the electricity supply |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump                    |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: heating and cooling and electricity solutions in general   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Up to 65% of the total cost  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company (at least 3 companies have to be involved)<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: the Netherlands<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A  |
| <b>RESOURCES</b>                    | EUR 27 million   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
| <b>COUNTRY</b>            | The Netherlands  |
| <b>MANAGING AUTHORITY</b> | Public authority   |
| <b>CONTACT</b>            | +31 70 379 80 00, governmental contact form  |
| <b>WEBSITE</b>            | <a href="https://www.rvo.nl/subsidie-en-financieringswijzer/mooi/mooi-gebouwde-omgeving">https://www.rvo.nl/subsidie-en-financieringswijzer/mooi/mooi-gebouwde-omgeving</a> (DT) |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Stimulation of Sustainable Energy Production SDE+</i>  |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:                        |
| <b>OBJECTIVES</b>           | The aim is to encourage the development of renewable energy in the Netherlands by compensating a company's lack of profit for some years. The global goal of the program is to reduce CO2 greenhouse gas emissions by 49% by 2030.                |
| <b>SUPPORTED ACTIONS</b>    | Financial compensation for generated renewable energy, in producing electricity, heat, etc..  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: water, wind   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Based on the base energy price  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: depends on the project team |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: the Netherlands<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | From 12 to 15 years   |
| <b>RESOURCES</b>                    | Around €5 billion   |
| <b>COUNTRY</b>                      | The Netherlands   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | Public authority – Minister of Economic affairs and climate policy  |
| <b>CONTACT</b>            | Governmental office +31 70 379 80 00  |
| <b>WEBSITE</b>            | <a href="https://english.rvo.nl/subsidies-programmes/sde">https://english.rvo.nl/subsidies-programmes/sde</a> |

|                              |  |
|------------------------------|--|
| <b>PROGRAMME</b>             | <i>Marktintroductie energie-innovaties glastuinbouw/Market introduction of energy innovations (MEI)</i>  |
| <b>SUB-PROGRAMME</b>         | N/A  |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>            | Supports investments in sustainable energy system and innovations to reduce greenhouse gas emissions. Limited to horticulture sector.  |
| <b>SUPPORTED ACTIONS</b>     | Financing construction, improvement of immovable property, purchase of new machines, patents or permits, and reimbursement of 40% for SME who invest in renewable energy.  |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: ocean, wind, biogas  |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Between €125,000 and €1,5 million   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: horticulture companies, SME or large ones |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: the Netherlands, horticulture sector<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 3 years   |
| <b>RESOURCES</b>                    | Around €5 million   |
| <b>COUNTRY</b>                      | The Netherlands   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>MANAGING AUTHORITY</b> | Public authority – Minister of Agriculture, Nature and Food Quality; also commissioned by the European Commission   |
| <b>CONTACT</b>            | Governmental office +31 70 379 80 00  |
| <b>WEBSITE</b>            | <a href="https://www.rvo.nl/subsidie-en-financieringswijzer/marktintroductie-energie-innovaties-mei">https://www.rvo.nl/subsidie-en-financieringswijzer/marktintroductie-energie-innovaties-mei</a> |

|                            |  |
|----------------------------|--|
| <b>PROGRAMME</b>           | <i>Risico's dekken voor aardwarmte/Cover risks for geothermal energy</i>   |
| <b>SUB-PROGRAMME</b>       | N/A  |
| <b>TYPE OF INSTRUMENT</b>  | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: insurance subsidy/reimbursement                     |
| <b>OBJECTIVES</b>          | Offer financial support for geothermal heat projects by compensating companies in case a drilling in a geothermal heat project is disappointing.   |
| <b>SUPPORTED ACTIONS</b>   | Geothermal heat projects stimulation, promoting geothermal energy  |
| <b>TEHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | On regular projects: maximum of €11.05 million, on “deep” projects : maximum €18.7 million   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: the Netherlands<br><input type="checkbox"/> MSs’ region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | At least 1 year, depends on each drilling and drillings’ results/reports   |
| <b>RESOURCES</b>                    | €66.6 million  |
| <b>COUNTRY</b>                      | The Netherlands  |
| <b>MANAGING AUTHORITY</b>           | Ministry of Economic affairs and climate   |

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|------------------|--|-----------------|---------|
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| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                |   |
|----------------|---|
| <b>CONTACT</b> | Governmental office +31 70 379 80 00  |
| <b>WEBSITE</b> | <a href="https://www.rvo.nl/subsidie-en-financieringswijzer/risicos-dekken-voor-aardwarmte-2019">https://www.rvo.nl/subsidie-en-financieringswijzer/risicos-dekken-voor-aardwarmte-2019</a> |

|                              |   |
|------------------------------|---|
| <b>PROGRAMME</b>             | <i>Investeringssubsidie duurzame energie/Sustainable energy investment subsidy (ISDE)</i>   |
| <b>SUB-PROGRAMME</b>         | N/A   |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>            | Encourage households and businesses in the Netherlands to use more sustainable sources of heat, and contribute to the reduction of CO <sub>2</sub> emissions.   |
| <b>SUPPORTED ACTIONS</b>     | Offer an allowance for the purchase of solar boilers and heat pumps, either for individuals or businesses.  |
| <b>TEHCHNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: solar boilers  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Funding depends on the device purchased, between €500 and €2,500   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: provinces, associations, commercial landlords |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: the Netherlands<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | Application within 6 months of the purchase in order to obtain the subsidy   |
| <b>RESOURCES</b>                    | €100 million   |
| <b>COUNTRY</b>                      | The Netherlands  |
| <b>MANAGING AUTHORITY</b>           | Dutch government   |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|                |   |
|----------------|---|
| <b>CONTACT</b> | Governmental office +31 70 379 80 00  |
| <b>WEBSITE</b> | <a href="https://www.rvo.nl/subsidie-en-financieringswijzer/isde">https://www.rvo.nl/subsidie-en-financieringswijzer/isde</a> |

### POLAND

|                              |  |
|------------------------------|--|
| <b>PROGRAMME</b>             | <i>Thermal rehabilitation grants</i>   |
| <b>SUB-PROGRAMME</b>         | N/A  |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>Support scheme  |
| <b>OBJECTIVES</b>            | <p>The thermal rehabilitation grant scheme supports building renovations which increase energy efficiency or the use of renewable energy sources for heating purposes. Lenders may receive grants to pay off part of the loan taken out to implement such measures.</p> <p>Eligible measures shall reduce a building's annual energy demand, annual energy losses or annual costs of heat production or replace existing heat generation plants with renewable or high-efficiency CHP plants (Art. 3 Act on Thermal Rehabilitation).</p> |
| <b>SUPPORTED ACTIONS</b>     | The approved state aid scheme aims at increasing the electricity and thermal energy production from biomass, biogas and geothermal energy sources by 60MW until 2023   |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage   |

|                                     |  |
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|                                     | <input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>In general, all renewable energy sources used in heat generation are eligible  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | The amount of grant is equal to 20% of the loan received for the implementation of thermal rehabilitation undertakings. However, the subsidy may not exceed 16% of the total costs of the modernisation work and may not exceed twice the amount of the anticipated annual savings in energy costs, identified in the energy audit (Art. 5 Act on Thermal Rehabilitation).   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:<br>The owner or manager of the building in which refurbishment works are conducted (Art. 7 par. 1 in conjunction with Art. 2 No. 1 Act on Thermal Rehabilitation). |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Poland</i><br><input type="checkbox"/> MSs' region/s:  |



|                           |  |
|---------------------------|--|
|                           | <p>-----</p> <p><input type="checkbox"/> Other:</p> <p>-----</p>   |
| <b>TIMEFRAME</b>          | <p>Entry into force - 19.03.2009</p> <p>Last amended on 20.07.2017</p>   |
| <b>RESOURCES</b>          | The costs of the thermal rehabilitation subsidy are financed from the national budget (Art. 24 Act on Thermal rehabilitation).                         |
| <b>COUNTRY</b>            | Poland   |
| <b>MANAGING AUTHORITY</b> | Grants are awarded by the BGK and financed from the Fund for Thermal Rehabilitation and Refurbishments (Art. 12 par. 1 Act on Thermal Rehabilitation). |
| <b>CONTACT</b>            | <p>Ministry of State Assets</p> <p>+ 48 22 693 50 00</p> <p><a href="mailto:me@me.gov.pl">me@me.gov.pl</a></p>   |
| <b>WEBSITE</b>            | <a href="https://www.gov.pl/web/aktywa-panstwowe">https://www.gov.pl/web/aktywa-panstwowe</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Priority programme “Support for low-emission and resource-efficient economy”</i></b>  |
| <b>SUB-PROGRAMME</b>      | Part 3: Efficient heating and cooling systems   |
| <b>TYPE OF INSTRUMENT</b> | <p><input type="checkbox"/> Grant</p> <p><input type="checkbox"/> Loan</p> <p><input type="checkbox"/> Guarantee</p> <p><input type="checkbox"/> Equity</p> |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>National financing programme   |
| <b>OBJECTIVES</b>                   | Part 3 of the priority programme “Support for low-emission and resource-efficient economy” earmarks funds for loans to support projects increasing the efficiency of heating and cooling systems in existing enterprises, including construction or modernisation of generating units as well as connection to the heat distribution or transmission network.  |
| <b>SUPPORTED ACTIONS</b>            | Support is granted to projects implemented in existing enterprise regarding the construction or modernisation of generating units with connection to the distribution / transmission network aimed at upgrading the heating system in which they operate to meet the definition of an efficient heating system, in which heat or cooling generation uses at least: 1) 50% energy from renewable sources, or 2) 50% waste heat, or 3) 75% heat from cogeneration, or 4) A combination of such energy and heat is used in 50%. |
| <b>TEHCHNOLOGIES COVERED</b>        | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>biogas   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |

|                                     |   |
|-------------------------------------|---|
| <b>RANGE OF FUNDING PER PROJECT</b> | The loan shall cover a maximum of 85% of eligible investment costs (7.2 “Efficient heating and cooling systems”). The loan can range from PLN 1 million to PLN 400 million (EUR 93.13 m) (7.3.1 “Efficient heating and cooling systems”). Interest rate of the loan is: WIBOR (Warsaw Interbank Offered Rate) 3M + 50 base points but not less than 2% (7.3.2 “Efficient heating and cooling systems”). The maximal duration of loan support is 15 years (7.3.4 “Efficient heating and cooling systems”). |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>.....  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Poland</i><br>.....<br><input type="checkbox"/> MSs’ region/s:<br>.....<br><input type="checkbox"/> Other:<br>.....   |
| <b>TIMEFRAME</b>                    | The duration of the scheme is 2016-2023 (4. “Efficient heating and cooling systems”), whereas new support will be granted to 2023.  |
| <b>RESOURCES</b>                    | The overall budget of the programme is PLN 3,000 million (€699 million)   |

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|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Poland  |
| <b>MANAGING AUTHORITY</b> | National Fund for Environmental Protection and Water Management   |
| <b>CONTACT</b>            | <a href="mailto:fundusz@nfosigw.gov.pl">fundusz@nfosigw.gov.pl</a>  |
| <b>WEBSITE</b>            | <a href="https://www.gov.pl/web/nfosigw/dane-kontaktowe">https://www.gov.pl/web/nfosigw/dane-kontaktowe</a> |

|                              |   |
|------------------------------|---|
| <b>PROGRAMME</b>             | <i>National Fund for Environmental Protection and Water Management</i>  |
| <b>SUB-PROGRAMME</b>         | 4th Priority Programme RES Stork  |
| <b>TYPE OF INSTRUMENT</b>    | <input type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>..... |
| <b>OBJECTIVES</b>            | The National Fund for Environmental Protection and Water Management grants low interests loans to support the purchase and installation of RES installations (7.1 Priority Programme RES Stork).                                    |
| <b>SUPPORTED ACTIONS</b>     | Support for the purchase and installation of RES installations  |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass  |

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|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
|                                     | <input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>Aerothermal, hydrothermal energy   |
| <b>COFINANCING or INTEREST RATE</b> | <p>The loan may cover a maximum of 85% of eligible investment costs (7.2 Priority Programme RES Stork).</p> <p>The loan amounts to up to PLN 40 million (€ 9.31 m) (7.3.1 Priority Programme RES Stork).</p> <p>Interest rate of the loan is: WIBOR (Warsaw Interbank Offered Rate) 3M – 100 base points but at least 2% (7.3.2 Priority Programme RES Stork).</p> <p>The maximal duration of loan support is 15 years (7.3.4 Priority Programme RES Stork).</p> |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|---------------------------|---|
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Poland</i><br><hr/> <input type="checkbox"/> MSs' region/s:<br><hr/> <input type="checkbox"/> Other:<br><hr/> |
| <b>TIMEFRAME</b>          | The duration of the scheme is 2015-2023, with loans granted till 2020 (4 Priority Programme RES Stork)  |
| <b>RESOURCES</b>          | The overall budget of the programme is PLN 570 million (€ 132.71 m) in 2015-2023 (3 Priority Programme RES Stork).  |
| <b>COUNTRY</b>            | Poland  |
| <b>MANAGING AUTHORITY</b> | National Fund for Environmental Protection and Water Management   |
| <b>CONTACT</b>            | <a href="mailto:fundusz@nfosigw.gov.pl">fundusz@nfosigw.gov.pl</a>  |
| <b>WEBSITE</b>            | <a href="https://www.gov.pl/web/nfosigw/dane-kontaktowe">https://www.gov.pl/web/nfosigw/dane-kontaktowe</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | Clean Air Priority Program Subsidies (Program Czyste Powietrze - dofinansowania)                      |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee |

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|------------------|--|-----------------|---------|
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|-------------------------------------|--|
|                                     | <input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>-----   |
| <b>OBJECTIVES</b>                   | Purpose of the Program is to improve air quality and reduce greenhouse gas emissions by replacing heat sources and improving the energy efficiency of single-family residential buildings.   |
| <b>SUPPORTED ACTIONS</b>            | The programme co-finance the replacement of old and ineffective solid fuel heat sources with efficient ones and other interventions  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>gas and oil condensation boilers<br>-----  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | The amount depends on the technologies: air/water heat pump: 30% of the cost, max PLN 9.000, or 60% and max 18.000 for low-income families; air/water heat pump (higher efficiency class): 45% of the cost, max PLN 13.500, or 60% and max 18.000 for low-income families; air/air heat pump: 30% of the cost, max PLN 3.000, or 60% and max 6.000 for low-income families; ground source heat pump: 45% of the cost, max PLN 20.250, or 60% and max 27.000 for low-income families; gas and oil condensation boiler: 30% of the cost, max PLN 4.500, or 60% and max 9.000 for low-income families; wood gasification boiler: 30% of the cost, |

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|------------------|--|-----------------|---------|
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|                      | max PLN 6.000, or 60% and max 12.000 for low-income families; wood pellet boiler: 30% of the cost, max PLN 6.000, or 60% and max 12.000 for low-income families; wood pellet boiler (best standard): 45% of the cost, max PLN 9.000, or 60% and max 12.000 for low-income families; electric heating: 30% of the cost, max PLN 3.000, or 60% and max 6.000 for low-income families; mechanical ventilation with heat recovery 30% of the cost, max PLN 5.000, or 60% and max 10.000 for low-income families; photovoltaic 50% of the cost, max PLN 5.000, or 50% and max 5.000 for low-income families. |
| <b>BENEFICIARIES</b> | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:<br>Beneficiaries are natural persons who are owners or co-owners of single-family residential buildings, with an annual income not exceeding PLN 100.000  |
| <b>TARGET AREA</b>   | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><i>Poland</i><br><input type="checkbox"/> MSs' region/s:<br><br><input type="checkbox"/> Other:<br><br>  |
| <b>TIMEFRAME</b>     | Launched in 2021  |



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|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                           |  |
|---------------------------|--|
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Poland   |
| <b>MANAGING AUTHORITY</b> | National Fund for Environmental Protection and Water Management  |
| <b>CONTACT</b>            | <a href="mailto:CzystePowiearcie@nfosigw.gov.pl">CzystePowiearcie@nfosigw.gov.pl</a><br><a href="mailto:StopSmog@nfosigw.gov.pl">StopSmog@nfosigw.gov.pl</a> |
| <b>WEBSITE</b>            | <a href="https://czystepowietrze.gov.pl/czyste-powietrze/">https://czystepowietrze.gov.pl/czyste-powietrze/</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Clean Air Priority Program</i>   |
| <b>SUB-PROGRAMME</b>      | Thermomodernization relief (Program Czyste Powietrze – Ulga termomodernizacyjna)  |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other:<br>Central government tax reduction scheme f |
| <b>OBJECTIVES</b>         | The goal of the program is to improve energy efficiency and to reduce dust and other pollutant emissions to the atmosphere from existing single-family residential buildings or to avoid air pollution emissions from newly built single-family residential buildings.  |
| <b>SUPPORTED ACTIONS</b>  | Support for the purchase and installation of RES installations  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |  |
|-------------------------------------|--|
| <b>TECHNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other:<br>fossil fuel boilers |
| <b>COFINANCING or INTEREST RATE</b> | The amount of the deduction cannot exceed PLN 53,000.  |
| <b>RANGE OF FUNDING PER PROJECT</b> | The amount of the deduction cannot exceed PLN 53,000.  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>High subsidies are dedicated to furnace replacement and thermomodernization of single-family homes.                                  |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                           |  |
|---------------------------|--|
|                           | <input checked="" type="checkbox"/> MSs:<br><i>Poland</i><br><hr/> <input type="checkbox"/> MSs' region/s:<br><hr/> <input type="checkbox"/> Other:<br><hr/> |
| <b>TIMEFRAME</b>          | N/A  |
| <b>RESOURCES</b>          | N/A  |
| <b>COUNTRY</b>            | Poland   |
| <b>MANAGING AUTHORITY</b> | National Fund for Environmental Protection and Water Management  |
| <b>CONTACT</b>            | <a href="mailto:fundusz@nfosigw.gov.pl">fundusz@nfosigw.gov.pl</a>   |
| <b>WEBSITE</b>            | <a href="https://czystepowietrze.gov.pl/ulga-termomodernizacyjna/">https://czystepowietrze.gov.pl/ulga-termomodernizacyjna/</a>                              |

## PORTUGAL

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <ul style="list-style-type: none"> <li>• <i>Programa Casa Eficiente (Efficient Home)</i></li> <li>• <i>Programa Solar em Edifícios (Solar Buildings)</i></li> </ul>  |
|                           | Included in the new 2020 state budget of the government of Portugal  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

|                              |  |
|------------------------------|--|
| <b>OBJECTIVES</b>            | <p>Programa Casa Eficiente (Efficient Home)</p> <p>The “Casa Eficiente 2020” program aims to provide loans on favorable terms for operations that promote the improvement of the environmental performance of private housing buildings, with a special focus on energy and water efficiency, as well as on urban waste management. Interventions may affect the building envelope and its systems. Residential building owners or their fractions, as well as the respective condominiums, can apply. The buildings can be located anywhere in the national territory. Transactions may concern private parties or common parties.</p> <p>Programa Solar em Edifícios (Solar Buildings)</p> <p>Aims to take advantage of the space available on roofs with good sun exposure for self-consumption and decentralized energy production, including in public buildings”, as well as encouraging the“ installation of green facades and roofs as a way of promoting energy efficiency, water management, and air quality in structures / buildings”, in addition to" betting on the conversion of public lighting to more efficient solutions (eg LED) and, if possible, allowing the installation of other services (eg, vehicle loading) , in partnership with the municipalities.</p> |
| <b>SUPPORTED ACTIONS</b>     | N/A  |
| <b>TEHCHNOLOGIES COVERED</b> | <ul style="list-style-type: none"> <li><input type="checkbox"/> geothermal</li> <li><input type="checkbox"/> solar thermal</li> <li><input type="checkbox"/> biomass</li> <li><input type="checkbox"/> District heating and cooling</li> <li><input type="checkbox"/> Heat pump</li> <li><input type="checkbox"/> Thermal energy storage</li> <li><input type="checkbox"/> Cogeneration</li> <li><input type="checkbox"/> Integrated solutions</li> </ul>  |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Other: buildings  |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Residential buildings |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Portugal<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | EUR 200 million   |
| <b>COUNTRY</b>                      | Portugal  |
| <b>MANAGING AUTHORITY</b>           | Portuguese government   |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                |   |
|----------------|---|
| <b>CONTACT</b> | N/A   |
| <b>WEBSITE</b> | <a href="https://casaeficiente2020.pt/sobre-o-programa/">https://casaeficiente2020.pt/sobre-o-programa/</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b><i>R&amp;D project: Investigação Científica e Desenvolvimento Tecnológico (IC&amp;DT)</i></b>  |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | Increase the national and international competitiveness of science and technology, and their contribution to innovation and knowledge transfer. Contribute to the realization of the global aspirations of the Sustainable Development Goals  |
| <b>SUPPORTED ACTIONS</b>    | Financing science projects in all areas   |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Other: science and technology in general  |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Maximum EUR 250,000   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: private companies' R&D units |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Portugal<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 36 months   |
| <b>RESOURCES</b>                    | EUR 75 million  |
| <b>COUNTRY</b>                      | Portugal  |
| <b>MANAGING AUTHORITY</b>           | Fundação para a Ciência e a Tecnologia (FCT), national funding agency   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                |   |
|----------------|---|
| <b>CONTACT</b> | <a href="mailto:Concursoprojetos@fct.pt">Concursoprojetos@fct.pt</a>  |
| <b>WEBSITE</b> | <a href="https://www.fct.pt/apoios/projectos/concursos/ICDT/index.phtml.en">https://www.fct.pt/apoios/projectos/concursos/ICDT/index.phtml.en</a> |

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b>Valorizar 2020 – III – Eficiência energética nas empresas (Energy efficiency in companies)</b>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | Encourage energy efficiency and the use of renewable energy in companies, support their implementation, support energy efficiency measures and projects   |
| <b>SUPPORTED ACTIONS</b>    | Project grant for companies supporting renewable energy and energy efficiency   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions |



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|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | No  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Maximum EUR 20,000 per project  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Portugal, autonomous region of Madeira<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | EUR 2,485,882.35 total, 85% from FEDER, 15% from the region   |
| <b>COUNTRY</b>                      | Portugal  |
| <b>MANAGING AUTHORITY</b>           | Madeira Management Authority  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                |  |
|----------------|--|
| <b>CONTACT</b> | Regional development institute<br><a href="mailto:idr@madeira.gov.pt">idr@madeira.gov.pt</a> ; + 351 291 214 000 |
| <b>WEBSITE</b> | <a href="https://www.portugal2020.pt/tem-uma-ideia?at=15">https://www.portugal2020.pt/tem-uma-ideia?at=15</a>    |

|                             |  |
|-----------------------------|--|
| <b>PROGRAMME</b>            | <b>Reabilitação nos Bairros Sociais (Rehabilitation in social neighborhoods)</b>   |
| <b>SUB-PROGRAMME</b>        | N/A  |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>           | Renovate housing and public buildings, reduce energy poverty and improve energy efficiency   |
| <b>SUPPORTED ACTIONS</b>    | Renovation of housings and buildings (walls, floors, roofs), purchase of energy efficiency devices, replacement of hot water and heat systems, promotion of renewable energy, installation of solar thermal panels   |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|-------------------------------------|---|
|                                     | <input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: social housings, public buildings |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: Lisboa area<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | 24 months   |
| <b>RESOURCES</b>                    | EUR 20 million (FEDER)  |
| <b>COUNTRY</b>                      | Portugal  |
| <b>MANAGING AUTHORITY</b>           | Autoridade de Gestão do LISBOA 2020   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|                |   |
|----------------|---|
| <b>CONTACT</b> | Lisboa 2020 program office : lisboa2020@ccdr-lvt.pt   |
| <b>WEBSITE</b> | <a href="https://www.portugal2020.pt/tem-uma-ideia?at=15">https://www.portugal2020.pt/tem-uma-ideia?at=15</a> |

### ROMANIA

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b><i>Support scheme for less exploited energy sources</i></b><br><i>(Schema de ajutor de stat avand ca obiectiv sprijinirea investitiilor destinate promovarii productiei de energie din surse regenerabile mai putin exploatate, respectiv biomasa, biogaz, energie geotermala)</i>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Support scheme   |
| <b>OBJECTIVES</b>           | The state aid scheme has been approved by Government Decision no. 216/2017 in April 2017 to promote energy production from less exploited energy sources, namely biomass, biogas and geothermal energy (art. 8 Government Decision no. 216/2017). The new support scheme aims to increase the electricity and thermal energy production from these sources by 60 MW until the end of 2023 (art. 4 par. 2 and art. 11 letter c) Government Decision no. 216/2017). |
| <b>SUPPORTED ACTIONS</b>    | The approved state aid scheme aims at increasing the electricity and thermal energy production from biomass, biogas and geothermal energy sources by 60MW until 2023  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|                                     |  |
|-------------------------------------|--|
|                                     | <input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: biogas   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>Each project can receive a maximum amount of EUR 15 million of non-refundable costs which cannot exceed 45% from the total amount of eligible expenses (art. 16 par. 1,2 Government Decision no. 216/2017). Small enterprises, including the microenterprises, can benefit from an additional 20 percentage points of non-refundable funding, whereas the medium sized enterprises from an additional 10 percentage points (art. 17 Government Decision no. 216/2017). Additionally, the aid intensity may be increased by 15 percentage points for investments located in assisted areas fulfilling the conditions of Article 107(3)(a) of the Treaty on the Functioning of the European Union. For the same beneficiary and the same eligible costs, the aid received through this support scheme cannot be combined with other state aids (art. 17 par. 1 Government Decision no. 216/2017).</p> |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO   |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                           |  |
|---------------------------|--|
|                           | <input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Romanian regions</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:                    |
| <b>TIMEFRAME</b>          | From 2017 until 2023   |
| <b>RESOURCES</b>          | The budget for the subsidy programme is EUR 100,630,533 (art. 13 Government Decision no. 216/2017) from which 85% are ensured from the European fund for regional development and 15% from the state budget. |
| <b>COUNTRY</b>            | Romania  |
| <b>MANAGING AUTHORITY</b> | Ministry of Regional Development and Public Administration (art. 13 Government Decision no. 216/2017, public authority)  |
| <b>CONTACT</b>            | Ministry of Regional Development and Public Administration, <a href="mailto:info@mdrap.ro">info@mdrap.ro</a>   |
| <b>WEBSITE</b>            | <a href="https://www.mdrap.ro/">https://www.mdrap.ro/</a>  |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b><i>Subsidy Measure 4 "Investments in physical assets"</i></b>  |
| <b>SUB-PROGRAMME</b>      | The subsidy measure 4, encompassing the sub-measures 4.1 - Support for investments in agricultural holdings and 4.2- Support for investments in processing and marketing of agricultural products, is part of the <i>National Rural Development Programme</i> |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity  |

|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Subsidy<br><br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>                   | The programme aims at facilitating access to finance for local farmers and rural entrepreneurs. Under this programme, installations for heat and/or power production from renewable resources, which will be utilised for the farm's own consumption, are eligible for financing.   |
| <b>SUPPORTED ACTIONS</b>            | N/A   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: biogas |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | The subsidy is to a certain percent (30 to 50%) irredeemable. The percentage depends on the size of the farm or the project.  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |  |
|---------------------------|--|
|                           | <input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Farmers and agricultural cooperatives |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Romanian regions</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | The National Rural Development Programme's new financing period operates from 2014 to 2020   |
| <b>RESOURCES</b>          | The maximum eligible sum is EUR 2 million for sub-measure 4.1 and is EUR 2.5 million for sub-measure 4.2   |
| <b>COUNTRY</b>            | Romania  |
| <b>MANAGING AUTHORITY</b> | Ministry of Regional Development and Public Administration (art. 13 Government Decision no. 216/2017, public authority)  |
| <b>CONTACT</b>            | Romanian Ministry of Agriculture and Rural Development, <a href="mailto:feadr@madr.ro">feadr@madr.ro</a>   |
| <b>WEBSITE</b>            | <a href="https://www.madr.ro/">https://www.madr.ro/</a>  |

|                      |   |
|----------------------|---|
| <b>PROGRAMME</b>     | <b><i>The national programme for installation of heating systems using renewable energy, including the replacement or completion of the old heating systems</i></b>   |
| <b>SUB-PROGRAMME</b> | The Romanian Environmental Fund subsidises projects for the protection of the environment. Under the Programme for installing heating systems, using renewable energy sources including replacing or complementing classical heating systems, grants are allocated to |

|                            |  |
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|                            | physical persons that are introducing renewable energy sources for heating and cooling. The programme is designed to run multi-annually within budgetary limits of the Administration of the Environmental Fund (Art 3, par. 2 Annex Order No. 1817/2016).   |
| <b>TYPE OF INSTRUMENT</b>  | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>          | The programme aims at facilitating access to finance for local farmers and rural entrepreneurs. Under this programme, installations for heat and/or power production from renewable resources, which will be utilised for the farm's own consumption, are eligible for financing.  |
| <b>SUPPORTED ACTIONS</b>   | N/A  |
| <b>TEHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Aerothermal, hydrothermal energy |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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|-------------------------------------|--|
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | The sum allocated for each session will be distributed among the Romanian counties according to their population number.   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: physical persons, citizens of Romania |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Romanian counties</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | The National Rural Development Programme's new financing period operates from 2014 to 2020   |
| <b>RESOURCES</b>                    | The budget for the 2016 session is 80 million RON (approx. EUR 18 million) (Art. 3. par 3 Annex Order No. 1817/2016).  |
| <b>COUNTRY</b>                      | Romania  |
| <b>MANAGING AUTHORITY</b>           | AFM – National Administration of the Environmental Fund  |
| <b>CONTACT</b>                      | +4 021 319 48 49, <a href="mailto:afm@afm.ro">afm@afm.ro</a>   |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

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| <b>WEBSITE</b> | <a href="https://www.afm.ro/">https://www.afm.ro/</a> |
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### SLOVAKIA

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|---------------------------|--|
| <b>PROGRAMME</b>          | <b>OP Kvalita životného prostredia (Quality of environment)</b>  |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>         | This programme contains 5 investment priorities aimed at transition to a low-carbon economy by using renewable energy sources and improving energy efficiency  |
| <b>SUPPORTED ACTIONS</b>  | <ul style="list-style-type: none"> <li>• Construction of biomass devices through reconstruction and modernization of existing energy devices with max. heat input of 20 MW based on fossil fuels</li> <li>• Use of aerothermal, hydrothermal or geothermal energy using a heat pump</li> <li>• Use of geothermal energy by direct use for heat production and possibly also in combination with a heat pump</li> <li>• Installation of small RES for heat productions such as solar collectors, biomass boilers, heat pumps, etc.</li> <li>• Modernisation of heating / air-conditioning systems, hot water preparation systems to reduce energy consumption</li> <li>• Installation of new heat distribution systems</li> <li>• Reconstruction and modernisation of existing heat distribution systems</li> </ul> |

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|------------------|--|-----------------|---------|
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| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                                     | <ul style="list-style-type: none"> <li>• Installation of new high-efficiency cogeneration devices with a maximum heat input of 20MW</li> <li>• Reconstruction and modernisation of existing high-efficiency cogeneration devices with a maximum heat input of 20MW</li> </ul>  |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | National co-financing of selected projects (public and private) on average 20%   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company   |

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|------------------|--|-----------------|---------|
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|---------------------------|---|
|                           | <input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other:  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Slovakia</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2014 – 2020   |
| <b>RESOURCES</b>          | EUR 940 million   |
| <b>COUNTRY</b>            | Slovakia  |
| <b>MANAGING AUTHORITY</b> | Ministry of Environment of the Slovak Republic  |
| <b>CONTACT</b>            | <a href="https://www.op-kzp.sk/">https://www.op-kzp.sk/</a>   |
| <b>WEBSITE</b>            | <a href="https://www.op-kzp.sk/en/">https://www.op-kzp.sk/en/</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>OP Kvalita životného prostredia (Quality of environment)</i></b>   |
| <b>SUB-PROGRAMME</b>      | Zelená domácnostiam (Green light to households II)   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input checked="" type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | The aim is to increase the share of RES utilization in households and related reduction of greenhouse gas emissions  |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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| <b>SUPPORTED ACTIONS</b>            | <p>Owners of family houses and apartment buildings apply for financial support in the form of a voucher for the installation of small renewable energy facilities (RES).</p> <p>Financial support is available for households to install the following equipment:</p> <ul style="list-style-type: none"> <li>• Small electricity generating installations (with an output of less than 10 kW): photovoltaic panels and wind turbines;</li> <li>• Heat generating installations that cover energy consumption in a family or apartment house: solar collectors, biomass boilers and heat pumps.</li> </ul> |
| <b>TEHCHNOLOGIES COVERED</b>        | <p><input type="checkbox"/> geothermal</p> <p><input checked="" type="checkbox"/> solar thermal</p> <p><input checked="" type="checkbox"/> biomass</p> <p><input type="checkbox"/> District heating and cooling</p> <p><input checked="" type="checkbox"/> Heat pump</p> <p><input type="checkbox"/> Thermal energy storage</p> <p><input type="checkbox"/> Cogeneration</p> <p><input type="checkbox"/> Integrated solutions</p> <p><input type="checkbox"/> Other:</p>  |
| <b>COFINANCING or INTEREST RATE</b> | Support shall not exceed 50% of the eligible cost   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>The amount of support depends on the performance of the installed device.</p> <p>Solar thermal – €1,500</p> <p>Biomass – €1,500</p> <p>Heat pump – €3,400</p>  |



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|------------------|--|-----------------|---------|
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|---------------------------|---|
| <b>BENEFICIARIES</b>      | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: natural persons – home owners |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Slovakia</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2019 – 2023   |
| <b>RESOURCES</b>          | EUR 48 million  |
| <b>COUNTRY</b>            | Slovakia  |
| <b>MANAGING AUTHORITY</b> | The Slovak Innovation and Energy Agency   |
| <b>CONTACT</b>            | <a href="https://zelenadomacnostiam.sk/sk/pracoviska-siea/">https://zelenadomacnostiam.sk/sk/pracoviska-siea/</a>   |
| <b>WEBSITE</b>            | <a href="http://zelenadomacnostiam.sk/sk/">http://zelenadomacnostiam.sk/sk/</a>   |

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| <b>PROGRAMME</b>     | <i>Environmentálny fond (Environmental fund)</i> |
| <b>SUB-PROGRAMME</b> | N/A  |

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| <b>TYPE OF INSTRUMENT</b>           | <input checked="" type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>                   | Promoting the production of heat, hot water and electricity through exploitation of RES   |
| <b>SUPPORTED ACTIONS</b>            | Building / upgrading / replacing a heat source using renewable energy sources (in case of biomass, only outside areas with deteriorated air quality caused with increased concentration of dust particles) and associated heat and / or warm water distributions  |
| <b>TEHNCOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: |
| <b>COFINANCING or INTEREST RATE</b> | 0.1% interest rate for loan<br>Up to 95% co-financing for grant   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Max. EUR 200,000  |

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|------------------|--|-----------------|---------|
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|---------------------------|--|
| <b>BENEFICIARIES</b>      | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: Slovakia<br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2014 – 2020  |
| <b>RESOURCES</b>          | EUR 200 million  |
| <b>COUNTRY</b>            | Slovakia   |
| <b>MANAGING AUTHORITY</b> | Ministry of Environment of the Slovak Republic   |
| <b>CONTACT</b>            | <a href="http://www.envirofond.sk/sk/kontakt">http://www.envirofond.sk/sk/kontakt</a>  |
| <b>WEBSITE</b>            | <a href="http://www.envirofond.sk">http://www.envirofond.sk</a>  |

### SLOVENIA

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|---------------------------|--|
| <b>PROGRAMME</b>          | <b>DEMO PILOTS II 2018</b>   |
| <b>SUB-PROGRAMME</b>      | Name of the sub-programme, if relevant   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>-----  |
| <b>OBJECTIVES</b>         | <p>The main scope of this program is to promote the implementation of breakthrough and innovative projects in line with the objectives of S4, is to establish PD projects in the fields of S4 application to be carried out by consortia relating to the development and testing of new or improved products, processes or services with high added value and with real-world market potential, resulting in increased competitiveness and references of participating companies . Only PD projects that comply with S4 are eligible for co-financing.</p> <p>The precise definition of the areas of use S4 can be found at the following web link:<br/> <a href="http://www.svrk.gov.si/delovna_podrocja/strategija_pametne_spezializacije/">www.svrk.gov.si/delovna_podrocja/strategija_pametne_spezializacije/</a>.</p> |
| <b>SUPPORTED ACTIONS</b>  | <p>The program supports to types of actions:</p> <ul style="list-style-type: none"> <li>• The first set - pilot development - is intended to develop solutions for the use of techniques or methods that have not yet been used and meet the definition of a pilot project. Experimental development is classified into this phase.</li> <li>• The second strand - the layout and testing of the demonstration - is intended to demonstrate practical application, test evaluation and dissemination of activities, which corresponds to the definition of the demonstration</li> </ul>  |

|                                     |   |
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|                                     | project. The second strand is co-financed under the State aid scheme "Regional State aid scheme ".  |
| <b>TEHNOLOGIES COVERED</b>          | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>----- |
| <b>COFINANCING or INTEREST RATE</b> | Co-financing or interest rate (depending on the type of instrument) applied in the programme. The ratio between the European Union 's contribution to the national contribution to the co-financing of the operation is 80/20.  |
| <b>RANGE OF FUNDING PER PROJECT</b> | 1M€-5M€   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:  |

|                           |  |
|---------------------------|--|
|                           | social enterprises<br>-----  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br>-----<br><input checked="" type="checkbox"/> MSs' region/s:<br>Western Slovenia, Eastern Slovenia<br>-----<br><input type="checkbox"/> Other:<br>----- |
| <b>TIMEFRAME</b>          | Duration of the programme was six years (2014-2020)  |
| <b>RESOURCES</b>          | 73,1 M€  |
| <b>COUNTRY</b>            | Slovenia   |
| <b>MANAGING AUTHORITY</b> | Republic of Slovenia, ministry of economic development and technology, Kotnikova ulica 5, 1000 Ljubljana   |
| <b>CONTACT</b>            | Ministry of Economic Development and Technology<br>Kotnikova ulica 5<br>1000 Ljubljana<br>T: (01) 400 33 11<br>E: gp.mgrt (at) gov.si  |
| <b>WEBSITE</b>            | <a href="http://mgrt.arhiv-spletisc.gov.si/si/razpisi/objavljeni_razpisi/index6d50.html">http://mgrt.arhiv-spletisc.gov.si/si/razpisi/objavljeni_razpisi/index6d50.html</a>  |

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|---------------------------|--|
| <b>PROGRAMME</b>          | <b>INCENTIVES FOR RESEARCH DEVELOPMENT PROJECTS 2</b>                      |
| <b>SUB-PROGRAMME</b>      | Name of the sub-programme, if relevant                                     |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                                     | <input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:<br>.....   |
| <b>OBJECTIVES</b>                   | The objective of the public call with perspective operational program for implementation European cohesion policy is to contribute to specific goal; increase share of innovation in active companies; co finance at least 150 innovative, research development projects from companies or consortia companies, which develop new or improved products, processes, or service with high added value and with market potential.  |
| <b>SUPPORTED ACTIONS</b>            | N/A   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:<br>..... |
| <b>COFINANCING or INTEREST RATE</b> | Cofinancing or interest rate (depending on the type of instrument) applied in the programme   |
| <b>RANGE OF FUNDING PER PROJECT</b> | 100k€-300k€   |

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|------------------|--|-----------------|---------|
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|---------------------------|---|
| <b>BENEFICIARIES</b>      | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other:<br>----- |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input type="checkbox"/> MSs:<br>-----<br><input type="checkbox"/> MSs' region/s:<br>Western Slovenia, Eastern Slovenia<br>-----<br><input type="checkbox"/> Other:<br>-----   |
| <b>TIMEFRAME</b>          | 2014-2020   |
| <b>RESOURCES</b>          | 74,2 M€   |
| <b>COUNTRY</b>            | Slovenia  |
| <b>MANAGING AUTHORITY</b> | Republic of Slovenia, ministry of economic development and technology, Kotnikova ulica 5, 1000 Ljubljana  |
| <b>CONTACT</b>            | Ministry of Economic Development and Technology<br>Kotnikova ulica 5<br>1000 Ljubljana  |



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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

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|                | <p>T: (01) 400 33 11</p> <p>E: gp.mgrt (at) gov.si</p>   |
| <b>WEBSITE</b> | <p><a href="https://www.gov.si/zbirke/javne-objave/javni-razpis-za-spodbude-za-raziskovalno-razvojne-projekte-2/">https://www.gov.si/zbirke/javne-objave/javni-razpis-za-spodbude-za-raziskovalno-razvojne-projekte-2/</a></p> |

### SPAIN

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Programme for Large Thermal Plants (GIT) - GEOTCASA Programme</i>  |
| <b>SUB-PROGRAMME</b>        | Financing of pre-qualified companies for Large Thermal Installations in buildings, based on renewable sources   |
| <b>TYPE OF INSTRUMENT</b>   | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Funding programme  |
| <b>OBJECTIVES</b>           | This financing programme was launched in response to the need to encourage large installations for the production of thermal energy in buildings to be implemented based on the use of renewable energies (biomass, solar thermal and geothermal).  |
| <b>SUPPORTED ACTIONS</b>    | N/A   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> Integrated solutions<br><br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | N/A   |
| <b>RANGE OF FUNDING PER PROJECT</b> | The upper financing limit per project will be 80% of the value of the eligible investment (for thermal generation), with an absolute maximum limit of financing per individual project of € 3 million. The lower financing limit will be € 250,000 for SOLCASA GIT projects and € 350,000 for BIOMCASA GIT and GEOTCASA GIT projects.                                   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Spain</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | N/A   |
| <b>RESOURCES</b>                    | To launch the programme, the IDAE has contributed a budget of EUR 17 million for the financing of the projects presented by the ESCOs   |

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|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
|                           | (Energy Service Companies) pre-qualified to execute large projects that meet the requirements of the Programme.   |
| <b>COUNTRY</b>            | Spain   |
| <b>MANAGING AUTHORITY</b> | Ministry for the Ecological Transition  |
| <b>CONTACT</b>            | Ministry for the Ecological Transition, <a href="mailto:informacionma@miteco.es">informacionma@miteco.es</a>  |
| <b>WEBSITE</b>            | <a href="https://www.idae.es/en/ahorra-energia/renovables-de-uso-domestico/git-programme">https://www.idae.es/en/ahorra-energia/renovables-de-uso-domestico/git-programme</a> |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>PAREER - CRECE Programme</i></b>   |
| <b>SUB-PROGRAMME</b>      | Aid Program for actions of energy rehabilitation of existing buildings (PAREER II)   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Financial programme   |
| <b>OBJECTIVES</b>         | Energy rehabilitation of existing buildings  |
| <b>SUPPORTED ACTIONS</b>  | Typology of actions subject of aid: those which allow for a reduction in emissions of CO <sub>2</sub> and final energy consumption by one or more of the following types: <ul style="list-style-type: none"> <li>– Improvement of the energy efficiency of the thermal envelope</li> <li>– Improvement of the energy efficiency of thermal and lighting installations</li> </ul> |

|                                     |   |
|-------------------------------------|---|
|                                     | <ul style="list-style-type: none"> <li>– Replacing conventional energy with solar thermal energy</li> <li>– Replacing conventional energy with geothermal energy</li> </ul>   |
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other: biogas |
| <b>COFINANCING or INTEREST RATE</b> | The Ministry of Energy, Tourism and Digital Agenda has expanded the initial endowment of 125.6 million euros of the Program by 78 million euros   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO  |

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|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                           |  |
|---------------------------|--|
|                           | <input type="checkbox"/> Other:<br><br>a) The owners of existing buildings intended for any use, provided they have legal personality of a private or public nature.<br><br>b) The communities of owners or groups of communities of owners of residential buildings for residential use, constituted as Horizontal Property.<br><br>c) Owners who collectively own buildings and have not granted the title constituting horizontal property. |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Spain</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2014-2020  |
| <b>RESOURCES</b>          | EUR 204,000,000 originating in the National Energy Efficiency Fund   |
| <b>COUNTRY</b>            | Spain  |
| <b>MANAGING AUTHORITY</b> | Service Centre for Energy Efficiency and Renewable Energy (SICER)  |
| <b>CONTACT</b>            | <a href="mailto:ciudadano@idaes.es">ciudadano@idaes.es</a>   |
| <b>WEBSITE</b>            | <a href="https://www.idaes.es/en/node/12955">https://www.idaes.es/en/node/12955</a>  |

### SWEDEN

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <i>Klimatklivet</i>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | <p>The 'Klimatklivet' initiative is part of the state budget that the Swedish Parliament agreed for 2017. Since 2015 over SEK 1 billion has been allocated to local climate investments, and by 2020 a further SEK 700 million per year will be handed out. Source: <a href="https://wibax.com/en/klimatklivet-ett-stod-till-lokala-och-regionala-klimatsatsningar/">https://wibax.com/en/klimatklivet-ett-stod-till-lokala-och-regionala-klimatsatsningar/</a></p> |
| <b>SUPPORTED ACTIONS</b>    | <p>Energy conversion - Climate change can provide funding for measures where one energy source is replaced by another, which reduces greenhouse gas emissions, so-called energy conversion. The energy solution may have been identified in energy mapping, energy declaration or cost / benefit analyzes.</p>  |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage  |

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|                                     |  |
|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:   |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Since 2015 over SEK 1 billion has been allocated to local climate investments, and by 2020 a further SEK 700 million per year will be handed out.  |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input type="checkbox"/> Other: |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Sweden</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>                    | 2017 - Ongoing   |
| <b>RESOURCES</b>                    | Depends on the budgetary year: Since 2015 over SEK 1 billion has been allocated to local climate investments, and by 2020 a further SEK 700 million per year will be handed out.   |



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|                           |   |
|---------------------------|---|
| <b>COUNTRY</b>            | Sweden  |
| <b>MANAGING AUTHORITY</b> | Public: Swedish Environmental Protection Agency   |
| <b>CONTACT</b>            | <a href="mailto:kundtjanst@naturvardsverket.se">kundtjanst@naturvardsverket.se</a>  |
| <b>WEBSITE</b>            | <a href="https://www.naturvardsverket.se/Stod-i-miljoarbetet/Bidrag/Klimatklivet/For-dig-som-vill-soka-stod/">https://www.naturvardsverket.se/Stod-i-miljoarbetet/Bidrag/Klimatklivet/For-dig-som-vill-soka-stod/</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <b>ROT-avdrag</b>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Tax rebate   |
| <b>OBJECTIVES</b>         | A person that hires a service provider to do ROT (Repairs, Conversion, Extension) or RUT (Cleaning, Maintenance and Laundry) work may get a tax reduction – a ROT or RUT deduction for the labour cost. Material costs and travel expenses arising in connection with the work do not confer entitlement to ROT and RUT tax deductions. Work performed for a person that the service provider is related to does not entitle to ROT or RUT deduction. |
| <b>SUPPORTED ACTIONS</b>  | <p>What is ROT work?</p> <p>Repair and maintenance as well as conversions and extensions are counted as ROT work and are therefore tax deductible, provided that such work is carried out in close connection with a dwelling that the client owns and in which he or she lives. The dwelling may also be a</p>   |

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|                                     | <p>second home (weekend home) or indeed a dwelling that the client owns but that his or her parents happen to live in.</p> <p>On the other hand, the client does not get a tax deduction for building a wholly new house or for the conversion and extension of a new house. A newly built house, in this case, refers to a single or two-family housing unit (småhus) exempt from municipal property tax, i.e. exempt from municipal property tax during the first five years.</p> <p>What is RUT work?</p> <p>Domestic work may entitle you to a RUT deduction if it is carried out in a home that your purchaser lives in or uses as a holiday home, or a home that the purchaser's parents live in or use as holiday home.</p> <p>Examples of domestic work include: cleaning and washing; minor installations and repairs to computers and IT equipment.</p> |
| <b>TEHCNOLOGIES COVERED</b>         | <p><input checked="" type="checkbox"/> geothermal</p> <p><input checked="" type="checkbox"/> solar thermal</p> <p><input checked="" type="checkbox"/> biomass</p> <p><input type="checkbox"/> District heating and cooling</p> <p><input checked="" type="checkbox"/> Heat pump</p> <p><input checked="" type="checkbox"/> Thermal energy storage</p> <p><input type="checkbox"/> Cogeneration</p> <p><input type="checkbox"/> Integrated solutions</p> <p><input type="checkbox"/> Other:</p>  |
| <b>COFINANCING or INTEREST RATE</b> | <p>This instrument is not targeted at renewable heating and cooling or energy at all, it is meant to eliminate “undocumented labour”, but it leads to a tax rebate which, for a (HP installation for example), amounts to around 10% of the total price.</p>  |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>Highly variable</p>  |

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|---------------------------|---|
| <b>BENEFICIARIES</b>      | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Private individuals |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Sweden</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | Ongoing   |
| <b>RESOURCES</b>          | Highly variable depending on applications   |
| <b>COUNTRY</b>            | Sweden  |
| <b>MANAGING AUTHORITY</b> | Public - Skatteverket   |
| <b>CONTACT</b>            | Online form or tel.: 0771-567567  |
| <b>WEBSITE</b>            | <a href="http://www.skatterverket.se">www.skatterverket.se</a>  |

UK

|                             |   |
|-----------------------------|---|
| <b>PROGRAMME</b>            | <b><i>Domestic Renewable Heat Incentive (RHI)</i></b>   |
| <b>SUB-PROGRAMME</b>        | N/A   |
| <b>TYPE OF INSTRUMENT</b>   | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input checked="" type="checkbox"/> Other: Financial incentive   |
| <b>OBJECTIVES</b>           | <p>The Domestic Renewable Heat Incentive (Domestic RHI) is a government financial incentive to promote the use of renewable heat. Switching to heating systems that use eligible energy sources can help the UK reduce its carbon emissions and meet its renewable energy targets.</p> <p>Stakeholders that join the scheme and stick to its rules receive quarterly payments for seven years for the amount of clean, green renewable heat it's estimated their system produces.</p> <p>Since opening in April 2014, the scheme has already seen thousands of people successfully join and receive payments. Case Studies of the scheme: <a href="https://www.ofgem.gov.uk/environmental-programmes/domestic-rhi/about-domestic-rhi/case-studies">https://www.ofgem.gov.uk/environmental-programmes/domestic-rhi/about-domestic-rhi/case-studies</a></p> |
| <b>SUPPORTED ACTIONS</b>    | Funds towards renewable heating costs in homes  |
| <b>TEHCNOLOGIES COVERED</b> | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass   |

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|------------------|--|-----------------|---------|
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|                                     |   |
|-------------------------------------|---|
|                                     | <input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | Varies depending on the amount of renewable heat made by the heating system and the type of heating system used. Example of calculation can be accessed <a href="#">HERE</a>  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Payments are made for 7 years and are based on the amount of renewable heat made by the heating system. The money is paid through the Domestic RHI scheme.  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Open to anyone living in England, Scotland or Wales.<br>Conditions: <ol style="list-style-type: none"> <li>1. own your home</li> <li>2. be a private or social landlord</li> </ol> |

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|------------------|--|-----------------|---------|
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|---------------------------|---|
|                           | <p>New build properties will not normally be eligible. The only exception is if you're building your own home.</p> <p>Funding scheme is also open to: Investors, installers and industry.</p>                   |
| <b>TARGET AREA</b>        | <p><input type="checkbox"/> European Union</p> <p><input checked="" type="checkbox"/> MSs: England, Scotland or Wales</p> <p><input type="checkbox"/> MSs' region/s:</p> <p><input type="checkbox"/> Other:</p> |
| <b>TIMEFRAME</b>          | April 2014 - 31 March 2021  |
| <b>RESOURCES</b>          | Depends on the year (e.g. EUR 17 million for 2018)  |
| <b>COUNTRY</b>            | United Kingdom  |
| <b>MANAGING AUTHORITY</b> | Public: Ofgem   |
| <b>CONTACT</b>            | DomesticRHI@ofgem.gov.uk  |
| <b>WEBSITE</b>            | <a href="https://www.ofgem.gov.uk/environmental-programmes/domestic-rhi">https://www.ofgem.gov.uk/environmental-programmes/domestic-rhi</a>   |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>The Green Deal</i>   |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <p><input type="checkbox"/> Grant</p> <p><input checked="" type="checkbox"/> Loan</p> <p><input type="checkbox"/> Guarantee</p> <p><input type="checkbox"/> Equity</p> <p><input type="checkbox"/> Subsidy</p> <p><input type="checkbox"/> Other:</p> |

|                              |   |
|------------------------------|---|
| <b>OBJECTIVES</b>            | <p>Green Deal loans work differently to a loan from a bank or other credit provider: The Green Deal loan is repaid through customer electricity bill payments. The golden rule of the Green Deal is that loan repayments should never exceed the savings made on the energy bills. However, this golden rule is not a guarantee that the bill savings matched the loan repayments. It's based on estimates of a typical household's energy usage and savings, and doesn't take into account energy price rises. The loan is attached to the property not the customer. If the home is sold, it passes to the new owner. According to the Green Deal Finance Company, there was a one-off loan fee of £63 and a £20 annual finance charge for every loan that was taken out. Green Deal providers had the option of absorbing this cost, or passing it to the customer. The Green Deal Finance Company loans had interest rates ranging from 7.9% APR to 10.3% APR and lasted between 10 and 25 years.</p> |
| <b>SUPPORTED ACTIONS</b>     | <p>Green Deal loans are a way for home owners to fund energy efficiency measures in their home and pay them back through their energy bills. Loans are currently available for the following home energy improvements: 1. new or replacement boilers (condensing and biomass) 2. insulation (solid wall, cavity wall, loft and floor) 3. heating, hot water and lighting controls 4. heating system insulation 5. ground and air-source heat pumps 6. fan-assisted storage heaters 7. flue gas recovery 8. draught proofing 9. innovative hot water systems.</p>  |
| <b>TEHCHNOLOGIES COVERED</b> | <ul style="list-style-type: none"> <li><input type="checkbox"/> geothermal</li> <li><input type="checkbox"/> solar thermal</li> <li><input checked="" type="checkbox"/> biomass</li> <li><input type="checkbox"/> District heating and cooling</li> <li><input checked="" type="checkbox"/> Heat pump</li> <li><input checked="" type="checkbox"/> Thermal energy storage</li> <li><input type="checkbox"/> Cogeneration</li> <li><input type="checkbox"/> Integrated solutions</li> </ul>  |

|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                                     |   |
|-------------------------------------|---|
|                                     | <input checked="" type="checkbox"/> Other: Insulation (solid wall, cavity wall, loft and floor); heating, hot water and lighting controls; heating system insulation; fan-assisted storage heaters; flue gas recovery; draught proofing; innovative hot water systems.  |
| <b>COFINANCING or INTEREST RATE</b> | The Green Deal Finance Company loans had interest rates ranging from 7.9% APR to 10.3% APR and lasted between 10 and 25 years.  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Highly varied depending on technology used, assessment of dwelling, loan repayment calculation.   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Home owners |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>The UK</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>                    | The Green Deal was a government scheme that gave loans for energy-efficient home improvements. The Green Deal opened for new applications again in 2017, after the original scheme closed in 2015 (backed by private investors)   |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
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|                           |   |
|---------------------------|---|
| <b>RESOURCES</b>          | Previous resources when Public funded: Up to £70 million available for release 3, part of the additional £100 million for household energy efficiency announced in October 2014. This funding is in addition to the £450 million already allocated to household energy efficiency from 2014 – 17. Current funding depends on the Private stakeholders involved. |
| <b>COUNTRY</b>            | United Kingdom  |
| <b>MANAGING AUTHORITY</b> | The original Green Deal scheme was government-funded. Now the Green Deal Finance Company (GDFC) is backed by private investors.   |
| <b>CONTACT</b>            | <p>Simple Energy Advice (England or Wales), or Home Energy Scotland (Scotland).</p> <p>Simple Energy Advice</p> <p>Telephone: 0800 444 202</p> <p>Monday to Friday, 8am to 8pm</p> <p>Home Energy Scotland</p> <p>Telephone: 0808 808 2282</p> <p>Monday to Friday, 8am to 8pm</p> <p>Saturday, 9am to 5pm</p>  |
| <b>WEBSITE</b>            | <a href="https://www.gov.uk/green-deal-energy-saving-measures">https://www.gov.uk/green-deal-energy-saving-measures</a>   |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Energy Entrepreneurs Fund (EEF)</i>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee |

|                             |   |
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|                             | <input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>           | <p>The Energy Entrepreneurs Fund is a competitive funding scheme to support the development and demonstration of state of the art technologies, products and processes in the areas of energy efficiency, power generation and heat and electricity storage. The scheme seeks the best ideas, irrespective of source, in these areas from the public and private sector. However, the scheme particularly aims to assist small and medium sized enterprises, including start-ups. Those companies that are selected will receive additional funding for incubation support.</p> |
| <b>SUPPORTED ACTIONS</b>    | <p>Projects that demonstrate a robust evidence based case for funding, which will include but not be limited to:</p> <ul style="list-style-type: none"> <li>• the potential impact of the innovation on 2050 low carbon targets or security of energy supply</li> <li>• the technical viability of their innovation and a coherent development plan that will commercially progress the innovation</li> <li>• value for money, including cost reduction potential</li> <li>• the size and nature of the business opportunity</li> </ul>   |
| <b>TEHCNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage   |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                                     | <input checked="" type="checkbox"/> Cogeneration<br><br><input checked="" type="checkbox"/> Integrated solutions<br><br><input checked="" type="checkbox"/> Other: Any projects that support the development and demonstration of state of the art technologies, products and processes in the areas of energy efficiency, power generation and heat and electricity storage.  |
| <b>COFINANCING or INTEREST RATE</b> | <p>Since 2012 there have been 7 phases of the Energy Entrepreneurs Fund. Over that time around £75 million of grant money were invested in over 130 companies. Those companies have leveraged over £100 million in private funding and are still attracting further investment. Since BEIS is seeking to maximise the impact of government funding, projects looking for public funding intensities that are lower than the applicable maximum are likely to score higher in the appraisal process. Up to £1m of the total £10m will be allocated to projects with a value up to £250,000.</p>   |
| <b>RANGE OF FUNDING PER PROJECT</b> | <p>The total requested grant does not exceed £1m, or £725,000 if applying as a small innovative start-up under Article 22. The maximum total project value must not exceed £2.5m.</p>  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><br><input type="checkbox"/> research centre<br><br><input checked="" type="checkbox"/> public authorities<br><br><input checked="" type="checkbox"/> start-up<br><br><input checked="" type="checkbox"/> SME<br><br><input checked="" type="checkbox"/> mid-cap company<br><br><input checked="" type="checkbox"/> large company<br><br><input type="checkbox"/> NGO<br><br><input checked="" type="checkbox"/> Other: The scheme seeks the best ideas, irrespective of source, in these areas from the public and private sector. However, the scheme particularly aims to assist small and medium sized enterprises, |

|                  |  |                 |         |
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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
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|---------------------------|---|
|                           | including start-ups. Those companies that are selected will receive additional funding for incubation support.  |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>The UK</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other: |
| <b>TIMEFRAME</b>          | 2012 - ongoing  |
| <b>RESOURCES</b>          | £75 million of grant money in over 130 companies since 2012   |
| <b>COUNTRY</b>            | United Kingdom  |
| <b>MANAGING AUTHORITY</b> | Public - Department for Business, Energy & Industrial Strategy  |
| <b>CONTACT</b>            | entrepreneur@beis.gov.uk  |
| <b>WEBSITE</b>            | <a href="https://www.gov.uk/government/publications/energy-entrepreneurs-fund-phase-7">https://www.gov.uk/government/publications/energy-entrepreneurs-fund-phase-7</a>         |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>Electrification of Heat Demonstration Project</i>   |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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| <b>OBJECTIVES</b>                   | The Department for Business, Energy and Industrial Strategy (BEIS) is seeking to procure 3 delivery contractors to deliver the electrification of heat demonstration project. The project aims to help better understand the feasibility of a possible large-scale transition to heat pumps by installing heat pumps in a representative range of domestic properties, alongside innovative products and services designed to overcome barriers to deployment.  |
| <b>SUPPORTED ACTIONS</b>            | This project looks to demonstrate the feasibility of a large-scale roll-out of heat pumps in a representative range of British homes.   |
| <b>TEHCNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: Members of the public will be able to participate in the project, which will install free heat pumps and energy efficiency upgrades (where appropriate) in eligible homes across selected areas of Great Britain. Further details on how to take part will be announced in early 2020. |
| <b>COFINANCING or INTEREST RATE</b> | Finance of 100% (project will install free heat pumps and energy efficiency upgrades (where appropriate))   |
| <b>RANGE OF FUNDING PER PROJECT</b> | N/A   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre   |

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|---------------------------|--|
|                           | <input type="checkbox"/> public authorities<br><input type="checkbox"/> start-up<br><input type="checkbox"/> SME<br><input type="checkbox"/> mid-cap company<br><input type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Members of the public |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>Great Britain</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | 2019 - ongoing   |
| <b>RESOURCES</b>          | Approximately £16.5 million  |
| <b>COUNTRY</b>            | United Kingdom   |
| <b>MANAGING AUTHORITY</b> | Public - Department for Business, Energy & Industrial Strategy   |
| <b>CONTACT</b>            | heatpumpdemo@beis.gov.uk   |
| <b>WEBSITE</b>            | <a href="https://www.gov.uk/guidance/electrification-of-heat-demonstration-project">https://www.gov.uk/guidance/electrification-of-heat-demonstration-project</a>  |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <b><i>Low-Carbon Heating Technology Innovation Fund (LCHTIF)</i></b>       |
| <b>SUB-PROGRAMME</b>      | N/A  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|                          | <input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>        | <p>The LCHTIF was introduced by BEIS in late 2017 and has thus far had one phase. The scheme has the objective of supporting “innovative technologies or processes for producing better ways of providing low-carbon heat in existing buildings”. To be eligible for this scheme, projects had to be based on technologies that were ready for prototype demonstration (TRL 6). Grants totalling approximately £8.5 million were awarded to eight successful applicants.</p>   |
| <b>SUPPORTED ACTIONS</b> | <p>The objective of the Low Carbon Heating Technology Innovation Fund is to support, through capital grants provided by the Department for Business, Energy and Industrial Strategy (BEIS), the development and demonstration of innovative technologies and processes for producing better ways of providing low carbon heat in existing buildings. The Innovation Fund will consider proposals for low carbon heating systems which provide space and/or water heating in any type of existing UK building. The innovation could be a technology, or a process (a way of combining technologies to deliver better low carbon heating), or a tool (e.g. software and/or hardware to reduce the complexity of installation), or some combination of these. We mainly expect gas-driven systems (e.g. gas heat-pumps), hybrid systems (e.g. combining gas and electric heating) and electrical systems (e.g. electric heat-pumps, radiative heating) to be supported, though renewable systems (particularly innovations which incorporate solar thermal in the overall heating system) are in scope. Biomass systems and heat networks are out-of-scope. Activities to support the deployment of low carbon heating technologies which are not innovative (e.g. assistance with taking a market ready technology from an overseas market to the UK market) are out-of-scope.</p> |

|                                     |   |
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| <b>TECHNOLOGIES COVERED</b>         | <input type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input type="checkbox"/> biomass<br><input type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input type="checkbox"/> Thermal energy storage<br><input type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: The innovation could be a technology, or a process (a way of combining technologies to deliver better low carbon heating), or a tool (e.g. software and/or hardware to reduce the complexity of installation), or some combination of these. |
| <b>COFINANCING or INTEREST RATE</b> | Companies can apply for up to £2 million and will be required to provide a significant level of matched funding   |
| <b>RANGE OF FUNDING PER PROJECT</b> | Up to £2 million  |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO   |



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|                           | <input type="checkbox"/> Other:   |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>The UK</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:                                 |
| <b>TIMEFRAME</b>          | 2017 – onward (a 2nd funding cycle may become available)  |
| <b>RESOURCES</b>          | £8.49m were offered   |
| <b>COUNTRY</b>            | United Kingdom  |
| <b>MANAGING AUTHORITY</b> | Public - Department for Business, Energy & Industrial Strategy  |
| <b>CONTACT</b>            | BuiltEnvironmentInnovation@beis.gov.uk  |
| <b>WEBSITE</b>            | <a href="https://www.gov.uk/government/publications/low-carbon-heating-technology-innovation-grant-scheme">https://www.gov.uk/government/publications/low-carbon-heating-technology-innovation-grant-scheme</a> |

|                           |   |
|---------------------------|---|
| <b>PROGRAMME</b>          | <i>Heat Networks Investment Project (HNIP)</i>  |
| <b>SUB-PROGRAMME</b>      | N/A   |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input checked="" type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other: |
| <b>OBJECTIVES</b>         | The Heat Networks Investment Project (HNIP) is a government funding programme that aims to:   |

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|                                     | <ol style="list-style-type: none"> <li>1. increase the number of heat networks being built</li> <li>2. deliver carbon savings</li> <li>3. help create the conditions necessary for a sustainable heat network market to develop</li> </ol>  |
| <b>SUPPORTED ACTIONS</b>            | <p>The supported heat network projects provide heat to approximately 5,000 domestic customers and 50 non-domestic buildings. Of the domestic customers on the supported networks, approximately 2,500 will see bill savings against the counterfactual heat source and, of the non-domestic customers, 19 will see savings. A total of 216,324t CO<sub>2</sub> will be saved over the next 15 years, across all 9 heat networks. Total heat supplied annually by these networks will be around 85,000 MWh/year.</p> |
| <b>TEHCNOLOGIES COVERED</b>         | <ul style="list-style-type: none"> <li><input type="checkbox"/> geothermal</li> <li><input type="checkbox"/> solar thermal</li> <li><input type="checkbox"/> biomass</li> <li><input checked="" type="checkbox"/> District heating and cooling</li> <li><input type="checkbox"/> Heat pump</li> <li><input type="checkbox"/> Thermal energy storage</li> <li><input type="checkbox"/> Cogeneration</li> <li><input type="checkbox"/> Integrated solutions</li> <li><input type="checkbox"/> Other:</li> </ul>       |
| <b>COFINANCING or INTEREST RATE</b> | <p>The Investment Mandate establishes the parameters on which Triple Point Heat Networks Investment Management has delegated authority to act on behalf of BEIS to award HNIP funding. These parameters are outlined below.</p> <ol style="list-style-type: none"> <li>1. Any HNIP award per project must be within the following limits:             <ol style="list-style-type: none"> <li>a) Grants between £ 0 and £5 million;</li> </ol> </li> </ol>   |

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|                                     | <p>b) Loans between £ 25,000 and £10 million; and</p> <p>c) If a combination of grant and loan is awarded as well as complying with points 1(a) and 1(b) the total award must also not exceed a Gross Grant Equivalency of £5million.</p> <p>2. HNIP awards must be less than 50% of the capital expenditure to be incurred for the construction of the project.</p> <p>3. Forecast investor returns must be limited as follows:</p> <p>a) Any individual investor return, in any form, may not exceed the HNIP Internal Rate of Return (IRR) Ceiling;</p> <p>b) All other things being equal where alternative financing structures are proposed for an application, the HNIP Investment Committee must choose the structure that leads to the lowest Gross Grant Equivalent contribution by HNIP.</p> <p>4. The Delivery Partner cannot provide an award where the Project SNPV plus the project's contribution towards the Portfolio Social Net Present Value is less than Zero4 .</p> <p>5. For local authority-controlled projects where the project capex is greater than £2.4m the project must be off the National Accounts, such as through the use of a special purpose vehicle (SPV).</p> <p>6. No award can be made for transactions which are novel or contentious</p> |
| <b>RANGE OF FUNDING PER PROJECT</b> | Dependent on Cofinancing  |
| <b>BENEFICIARIES</b>                | <p><input type="checkbox"/> university</p> <p><input type="checkbox"/> research centre</p> <p><input checked="" type="checkbox"/> public authorities</p> <p><input checked="" type="checkbox"/> start-up</p> <p><input checked="" type="checkbox"/> SME</p>   |

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|                           | <input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Applicants can be any type of public, private or third sector organisation in England and Wales apart from Central Government Departments. Applicants must be either heat network sponsors and/or owners who may also have a role in operation. Entities that are operators only and have therefore been contracted by the owners are not eligible to apply directly for funding. |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs:<br><input checked="" type="checkbox"/> MSs' region/s: England, Wales<br><input type="checkbox"/> Other:  |
| <b>TIMEFRAME</b>          | The main funding round opened and started receiving applications in autumn 2018, with first year funding allocated by March 2019. HNIP capital investment programme is expected to support up to 200 projects by 2021 through grants, loans and other mechanisms   |
| <b>RESOURCES</b>          | £320 million   |
| <b>COUNTRY</b>            | United Kingdom   |
| <b>MANAGING AUTHORITY</b> | Public - Department for Business, Energy & Industrial Strategy   |
| <b>CONTACT</b>            | enquiries@tp-heatnetworks.org  |
| <b>WEBSITE</b>            | <a href="https://www.gov.uk/government/publications/heat-networks-investment-project-hnip">https://www.gov.uk/government/publications/heat-networks-investment-project-hnip</a>  |

|                      |   |
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| <b>PROGRAMME</b>     | <b><i>EPSRC - Decarbonising Heating and Cooling</i></b> |
| <b>SUB-PROGRAMME</b> | Standard grant/Network plus grant                       |

|                              |   |
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| <b>TYPE OF INSTRUMENT</b>    | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:  |
| <b>OBJECTIVES</b>            | <p>This call will take a portfolio approach as there is no consensus as to which approaches will provide the best solution. Therefore the aim is that projects funded by this call should support a wide range of potential solutions and for there not to be a significant proportion of proposals lying in the same area of research. To achieve this portfolio approach EPSRC will put each group of proposals into separate lists at the panel, based on their area of research.</p> <p>Network Plus proposals will also be on a separate list. Each list at the panel meeting will be rank ordered and the scoring will be tensioned across all proposals. Based on the rank ordered lists a funding decision will be made by EPSRC.</p> |
| <b>SUPPORTED ACTIONS</b>     | <p>This call is to fund proposals to support the goal of the decarbonisation of heating and/or cooling. Proposals must be at least 50% within the remit of EPSRC. Proposals can be for a research grant or for a Network Plus grant. The research proposed must clearly address decarbonising heating, decarbonising cooling or decarbonising both heating and cooling.</p>   |
| <b>TEHCHNOLOGIES COVERED</b> | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump   |

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|------------------|--|-----------------|---------|
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|                                     | <input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input checked="" type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call  |
| <b>COFINANCING or INTEREST RATE</b> | N/A  |
| <b>RANGE OF FUNDING PER PROJECT</b> | Between £500K and £2M of funding   |
| <b>BENEFICIARIES</b>                | <input type="checkbox"/> university<br><input type="checkbox"/> research centre<br><input type="checkbox"/> public authorities<br><input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other: Investors and other relevant stakeholders. Industry involvement is not mandatory for proposals but it is encouraged, where appropriate, to provide potential pathways for the outputs of the research to result in decarbonising heating and/or cooling. |
| <b>TARGET AREA</b>                  | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>The UK</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:  |

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| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
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|---------------------------|--|
| <b>TIMEFRAME</b>          | Call opening date: June 2019; Grant start date April 2020 - onwards  |
| <b>RESOURCES</b>          | Approximately £8 Million (80% FEC)   |
| <b>COUNTRY</b>            | United Kingdom   |
| <b>MANAGING AUTHORITY</b> | Public - Engineering and Physical Sciences Research Council (EPSRC)  |
| <b>CONTACT</b>            | Gerard Davies - <a href="mailto:Gerard.Davies@epsrc.ukri.org">Gerard.Davies@epsrc.ukri.org</a> - 01793 444233<br>Ruhina Miller - <a href="mailto:Ruhina.Miller@epsrc.ukri.org">Ruhina.Miller@epsrc.ukri.org</a> - 01793 444348<br>Energy Team - EnergyTeam@epsrc.ac.uk |
| <b>WEBSITE</b>            | <a href="https://epsrc.ukri.org/files/funding/calls/2019/decarbonising-heating-and-cooling-2019-full-call-document/">https://epsrc.ukri.org/files/funding/calls/2019/decarbonising-heating-and-cooling-2019-full-call-document/</a>                                    |

|                           |  |
|---------------------------|--|
| <b>PROGRAMME</b>          | <i>ISCF's Prospering from the Energy Revolution challenge</i>  |
| <b>SUB-PROGRAMME</b>      | Detailed designs of smart, local energy systems  |
| <b>TYPE OF INSTRUMENT</b> | <input checked="" type="checkbox"/> Grant<br><input type="checkbox"/> Loan<br><input type="checkbox"/> Guarantee<br><input type="checkbox"/> Equity<br><input type="checkbox"/> Subsidy<br><input type="checkbox"/> Other:   |
| <b>OBJECTIVES</b>         | UK Research and Innovation (UKRI) will invest up to £30 million in revolutionary designs for local energy systems. Designs must deliver cleaner, cheaper energy services and create more prosperous and resilient communities across the UK. This competition is part of a wider Industrial Strategy Challenge Fund (ISCF) programme called Prospering from the Energy Revolution (PFER). The aim is to create a pipeline of highly innovative, ambitious and investable local energy system designs that will be ready to roll out across the UK in the 2020s. We are looking |

|                          |  |
|--------------------------|--|
|                          | to fund a portfolio of projects, across a variety of technologies, markets, technological maturities and research categories.  |
| <b>SUPPORTED ACTIONS</b> | <ul style="list-style-type: none"> <li>– Develop revolutionary market and business model approaches for the provision of smart energy systems</li> <li>– Develop a detailed understanding of energy supply, distribution and consumption patterns locally</li> <li>– Understand the current and future energy assets, networks and consumer needs locally</li> <li>– Integrate new energy technologies across heat, power and transport in a way that is replicable and scalable to multiple areas across the UK</li> <li>– Reduce the whole system costs of energy provision, resulting in significantly smaller bills for the end consumer</li> <li>– Validate the revenue streams and value proposition of the proposed business model</li> <li>– Write sound financing and investment proposals for the implementation of the energy system design which share the benefits and risks fairly between investors, consumers, utilities and authorities</li> <li>– Show an integrated approach to managing energy supply, distribution and consumption across heat, power and transport</li> <li>– Consider the future role of gas as well as electricity systems</li> <li>– Show understanding of the impact that varied boundaries of local authorities, gas and electricity distribution networks, and mobile energy assets (such as vehicles) have on the national and local energy system</li> <li>– Consider the policy and regulatory conditions needed to design the local energy system</li> </ul> |



|                  |  |                 |         |
|------------------|--|-----------------|---------|
| <b>Document</b>  | D4.5 - Final document on the financing strategy for the RHC sector |                 |         |
| <b>Author</b>    | EUREC  | <b>Version:</b> | 1       |
| <b>Reference</b> | D4.5 RHC ETIP ID GA 825998   | <b>Date</b>     | 10/5/22 |

## European Technology and Innovation Platform on Renewable Heating and Cooling

|                                     |   |
|-------------------------------------|---|
| <b>TEHCNOLOGIES COVERED</b>         | <input checked="" type="checkbox"/> geothermal<br><input checked="" type="checkbox"/> solar thermal<br><input checked="" type="checkbox"/> biomass<br><input checked="" type="checkbox"/> District heating and cooling<br><input checked="" type="checkbox"/> Heat pump<br><input checked="" type="checkbox"/> Thermal energy storage<br><input checked="" type="checkbox"/> Cogeneration<br><input checked="" type="checkbox"/> Integrated solutions<br><input type="checkbox"/> Other:  |
| <b>COFINANCING or INTEREST RATE</b> | <p>Eligible project funding costs of:</p> <ul style="list-style-type: none"> <li>– up to 70% for a micro or small business</li> <li>– up to 60% for a medium-sized business</li> <li>– up to 50% for a large business</li> </ul> <p>The research organisations in the consortium can share up to 30% of the total eligible project costs. If the consortium contains more than one research organisation, this maximum will be shared between them. Proposals wishing to claim in excess of £3 million and up to £5 million in grant funding. This is if the project is of exceptional scale and ambition demonstrates that extra funding will drive substantially higher leverage and value for money.</p> |
| <b>RANGE OF FUNDING PER PROJECT</b> | Up to £3 million in grant funding. Project total eligible costs must be between £2 million and £20 million.   |
| <b>BENEFICIARIES</b>                | <input checked="" type="checkbox"/> university<br><input checked="" type="checkbox"/> research centre<br><input checked="" type="checkbox"/> public authorities   |

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|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

|                           |   |
|---------------------------|---|
|                           | <input checked="" type="checkbox"/> start-up<br><input checked="" type="checkbox"/> SME<br><input checked="" type="checkbox"/> mid-cap company<br><input checked="" type="checkbox"/> large company<br><input checked="" type="checkbox"/> NGO<br><input checked="" type="checkbox"/> Other:<br><p>UK organisations - Any UK business claiming funding must be eligible to receive state aid at the time of the awarded funding. All projects must be collaborative.</p> <p>To collaborate with the lead applicant, the organisation must be a UK based: business; academic institution; charity; public sector organisation; or research and technology organisation (RTO)</p> <p>Projects can include partners that do not receive any funding, such as non-UK businesses, public sector organisations, industry associations, non-governmental organisations (NGOs), or bodies involved in setting regulations, standards or codes. Their commitments will count towards the total project costs but they will not count as collaborators.</p> |
| <b>TARGET AREA</b>        | <input type="checkbox"/> European Union<br><input checked="" type="checkbox"/> MSs: <i>The UK</i><br><input type="checkbox"/> MSs' region/s:<br><input type="checkbox"/> Other:   |
| <b>TIMEFRAME</b>          | Projects must start on 1 January 2020 and end by 31 December 2021. All projects should last no longer than 24 months.   |
| <b>RESOURCES</b>          | Up to £30 million   |
| <b>COUNTRY</b>            | United Kingdom  |
| <b>MANAGING AUTHORITY</b> | Public - UK Research and Innovation (UKRI)  |



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|------------------|--|-----------------|---------|
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## European Technology and Innovation Platform on Renewable Heating and Cooling

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|----------------|---|
| <b>CONTACT</b> | support@innovateuk.ukri.org or 0300 321 4357.   |
| <b>WEBSITE</b> | <a href="https://apply-for-innovation-funding.service.gov.uk/competition/350/overview#summary">https://apply-for-innovation-funding.service.gov.uk/competition/350/overview#summary</a> |