



# Renewable Heating & Cooling

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## European Technology and Innovation Platform

### Online projects' database

Finalisation of projects' database, with the relevant information, and definition of next steps to ensure continuous inclusion of relevant information.

## Deliverable 5.6

### WP5 - T5.1.2

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Prepared by: Dan Stefanica (EHPA)

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### ABBREVIATIONS

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

**RHC:** Renewable Heating and Cooling

**FP7:** Seventh Framework Programme

**H2020:** Horizon 2020,

**HE:** Horizon Europe

**LIFE:** L'Instrument Financier pour l'Environnement, European Union's funding instrument for the environment and climate action

**HWGs:** Horizontal Working Groups

**TPs:** Technology Panels

**SET Plan:** Strategic Energy Technology Plan

**IWG:** Implementation Working Group

### PARTNERS

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

**AEBIOM:** Association Européenne pour la Biomasse

**EGEC:** European Energy Council

**EHP:** Euroheat & Power

**ESTIF:** European Solar Industry Federation

**EHPA:** European Heat Pump Association

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# 1. Introduction

Deliverable 5.6 “Online projects’ database: Finalisation of projects’ database, with the relevant information, and definition of next steps to ensure continuous inclusion of relevant information” presents the RHC-ETIP projects’ online database, building upon and expanding the RHC tender PP-2041/2014 “Supporting the activities of the European Technology Platform on Renewable Heating and Cooling”. Developing a comprehensive tool to track the ongoing projects in the area of renewable heating and cooling, with a focus on those which are funded at European Union level via various funding schemes (e.g. FP7, H2020, HE, LIFE, Interreg). Including the objectives, technologies and results and their relation to the Key Performance Indicators, as defined in the tender Deliverable 1.3 - Third report on the status of the implementation of the five roadmaps, a joint document by EUREC, AEBIOM, EGEC, EHPA and ESTIF.

The database, being started early in the project with the support of all the consortium partners and continually updated, both in terms of features, as well as data entries (new project additions). With this document detailing: the methodology and data gathering processes employed; the visibility and dissemination of the tool both internally (RHC ETIP membership, consortium meetings, membership of associations involved in the project) and externally (matchmaking and networking events, National round tables, RHC ETIP annual conference); the results achieved and the next steps towards the expansion of the database; the conclusions as well as a set of annexes that show the iterations and constant improvements of the tool.

## 2. Methodology and data gathering

### 2.1 Stakeholders

The role of the secretariat is to assist the stakeholders of the RHC ETIP in coordinating activities related to the definition and implementation of an innovation strategy to increase the use of renewable energy sources for heating and cooling, and to foster the growth and the market uptake of the relevant industries. The secretariat provides support to the structure of the RHC ETIP, by organising meetings, events, and relevant consultations, and by assisting with the preparation of relevant documents (both of technical and of political nature) to raise the profile and importance of the renewable heating and cooling sector, and its related technologies. Acting as a repository of expertise and replicable, already running projects and initiatives, that are gathered and freely shared in a specialised projects database. Moreover, the platform is supporting interactions between diverse stakeholders representing industry, research and academia, from different renewable heating and cooling technologies, and by gradually including complementary sectors and expertise, the RHC ETIP assists the RHC sector in strengthening its growth and competitiveness both vis-à-vis traditional heating and cooling technologies, as well as with respect to competitors coming from non-EU countries. With European Union funded projects, and the consortiums behind them, exemplifying such an interaction.

In order to ensure appropriate coordination of a large number of different stakeholders, involved in competing sectors and technologies, the secretariat is composed of sectoral associations, which ensure the active involvement of the renewable heating and cooling industries, and is led by EUREC, a research association covering all types of renewable energy technologies. Such a configuration ensures a broad representation of the different renewable heating and cooling stakeholders, and this is replicated in the RHC projects database, with all technologies and processes being exemplified by a multitude of examples, business models, implementation strategies, scope and geographical reach. Additionally, the large reach and membership of the platform, its HWGs, TPs, consortium partners and their individual membership, consortium partners and their individual participation in projects and networks of projects, making the data gathering and targeted dissemination of the projects database, a very efficient and expansive process.

### 2.2 Process and methodology

The process of data gathering and database expansion, includes several steps and continual project additions, as well as feature and user interface improvement processes. These are detailed below and arranged in a timeline and supporting actions manner, as follows:

- **Key information per project on the database:** The first step in designing the database, was to analyse based on a consensus with the consortium partners, RHC experts and members, the data that was already available (e.g. on portals such as CORDIS - the Community Research and

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Development Information Service). Selecting, the data points of interest as to establish a comprehensive database, that included as much relevant information as possible per each project, while providing a link/s towards the project website for a deeper and updated understanding of the initiative and its progress towards its stated goals. As such, the data points that were settled upon were: Name of the Project; Acronym; Partners involved (highlighting coordinator where possible); Area/s of application (e.g. buildings); main RHC technology/es involved (e.g. district heating); Solution/s developed; Main result/s obtained or expected; Technology Readiness Level or TRL (e.g. 5 to 6); Funding programme and type (e.g. H2020-LCE-2017-RES-IA); Overall budget (in EUR); Link to website/s and/or CORDIS portal (for very new projects that did not have a functioning website at the moment of data entry); Grant Agreement number/ID (e.g. 963550); Logo (if available); Pictures (if available).

- **Data from consortium partners, HWGs, TPs and RHC ETIP membership:** With the structure of the database being established, a template (Annex I) was circulated to consortium partners. With the consortium partners, adding the suitable projects that they were involved in, as well as disseminating the template to their networks for additional data gathering. Additionally, a data collection form was made available, collecting 29 entries.
- **Comprehensive excel database:** With the initial data gathering yielding (after multiple checks for relevance, availability of data/missing data and deletion of duplicate projects) 82 suitable projects. These being consolidated in an excel database as to: offer an added mode of filtering the results, make additions on the website easier, have a different format database for easy sharing (e.g. with the SET plan IWG), and to act as a backup document from where the data can be recovered in case of a website error. This process (of adding new projects both on the website and on the database, being continued all along the project duration).
- **Data publishing on the RHC ETIP website:** The next step being represented by the addition of a website page related to the database of projects, as well as a backend procedure/process (Annex 2) of uploading the data to the database. The data range matching the ones explained in previous points. The functionality of the database also being considered (e.g. the use of filters for easy data selection; a shorter version of a project description as well as a more detailed one if selected by the user).
- **Data gathering every six months by EHPA:** With the previous point and the procedure in place, EHPA started to conduct research every six months (as per the funding cycle) and add the newly funded projects to the database. Adding on average 12 projects every six months after careful checks that the entries meet the previous criteria. With a use of the Kaila by Zabala tool (a project that has been funded by the Government of Navarra and the European Regional Development Fund (ERDF): <https://kaila.eu/> ) for the last data entries, during the project extension in February 2022.
- **Initial self-submission procedure during add-on plugin work on the website:** With the first projects being added to the database, it became necessary to allow the users directly (with checks done by EHPA for submission suitability beforehand) to have an option/s to submit their work directly. As such, three ways of adding the work via self-submission were designed: 1. A link to the project on CORDIS, area of application, TRL, RHC solution developed and logo

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(all of them to be sent to a dedicated email address: [projects@ehpa.org](mailto:projects@ehpa.org)); 2. Sending the template per request sent to EHPA, consortium partners or to the project email ([info@rhc-platform.org](mailto:info@rhc-platform.org)) and 3. Emailing EHPA or any other consortium partner for “Editor” rights on the RHC website backend. With all of these procedures, as well as the database itself being presented at the 100% Renewable Heating and Cooling for a Sustainable Future: Conference and workshop in Helsinki, Finland 28 October 2019.

- **Auto submit and verification procedure:** However, the previous point being a stop gap measure until the self-submission procedure (described in Annex III) was implemented on the RHC website. This being done by the creation of a specially designed WordPress plug-in that added upon the previous work by: entering the data in a form (described below), the data being checked, the data being published, the author being encouraged to add additional projects or join the other activities of the platform. This work, being part of the D5.1 Updated RHC-ETIP website (Month 6 - EUREC). Revamped RHC-ETIP website, including the feature related to the online projects’ database, to be developed together with EHPA.
- **Key information on submission form:** Using one of the specially designed “Submit Project” buttons on the RHC ETIP website, prompting a form that the user can fill-in. Any project submitted prompting an alert via email to EHPA and EUREC, that can check the suitability of the entry and/or ask for additional information on the project. With the user receiving an email that their submission was sent to the RHC project partners and that it was successful and an additional email when their project was published and available on the RHC projects database.
- **Welcoming stakeholders into the community:** With project submitters being welcomed to the RHC community and made aware of the other services and resources of the platform, especially opportunities for collaboration (e.g. platform membership).

### 3. Visibility and dissemination

As the objective of the database is to track the ongoing projects in the area of renewable heating and cooling, with a focus on those which are funded at EU level, with the tool being part of the communication and dissemination activities of Work Package (WP) 5, its relevance is linked to the RHC ETIP stakeholders engaging with it (using it and submitting their work to be published on it). With the dissemination of the tool, its purpose and functionality taking place via a multitude of mediums and in a continues manner.

#### 3.1 Website articles

A particular dissemination tool was represented by articles on the RHC platform website (e.g. Annex IV welcoming the launch of the self-submission tool), that was shared via the consortium partner communication and dissemination tools and updated as to reflect the scope of the database and its



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goals. This being supported by social media posts, as well as RHC platform member emails and the addition of such articles in the RHC newsletter.

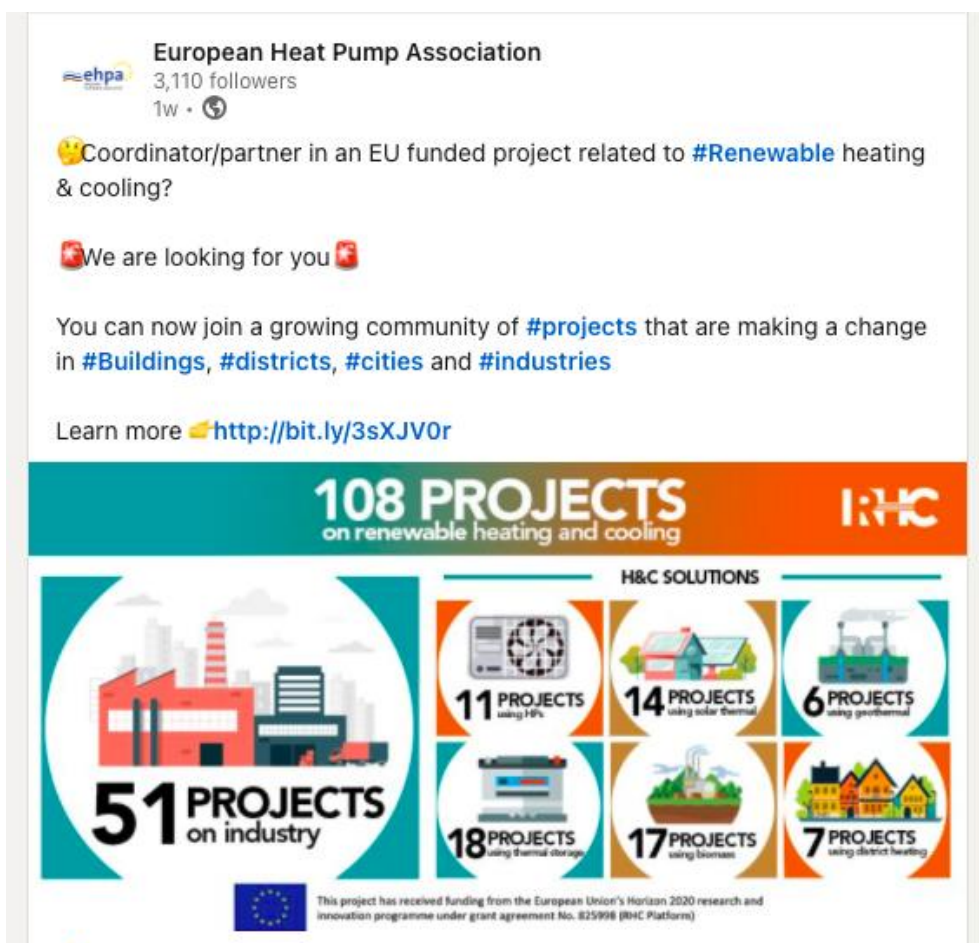
### 3.2 Social media: database infographics

A communication campaign being designed and implemented on social media (Twitter and LinkedIn) that continually kept track of the total project entries and the entries per each category. In this sense, stakeholders being reminded or familiarised with the database, while showcasing its scope and encouraging self-submissions. The media posts, being shared on the platforms of the project, the consortium partners, as well as groups (e.g. the European Heat Pump Association LinkedIn group). With a few examples of such infographics below:



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**European Heat Pump Association**  
 3,110 followers  
 1w • 🌐

👤 Coordinator/partner in an EU funded project related to **#Renewable** heating & cooling?

🔴 We are looking for you 🔴

You can now join a growing community of **#projects** that are making a change in **#Buildings**, **#districts**, **#cities** and **#industries**

Learn more 📄 <http://bit.ly/3sXJV0r>

**108 PROJECTS**  
on renewable heating and cooling

**51 PROJECTS**  
on industry

**H&C SOLUTIONS**

- 11 PROJECTS using HPs
- 14 PROJECTS using solar thermal
- 6 PROJECTS using geothermal
- 18 PROJECTS using thermal storage
- 17 PROJECTS using biomass
- 7 PROJECTS using district heating

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 825998 (RHC Platform)

### 3.3 Events: internal and external

The dissemination and communication portals, being completed and enhanced via the onsite and online events, in which the database was showcased. Internal events are represented by meetings/events where members of the RHC ETIP are present (e.g. Executive meetings, Board meetings, Consortium meetings); where the database is presented to members of an association that is part of the ETIP-RHC project consortium (e.g. the Manufacturers Committee of EHPA). Though, a worthwhile endeavour, especially for stakeholders that are less connected to the platform, internal events, must be complemented by external event communications, these representing a far better way of increasing the reach of the tool. Additionally, both internal and external meetings/events, were meant to present RHC as a whole, as such, the projects database inclusion, being made in a very efficient way. A few examples of the external events that were designed and implemented during the project are:

Matchmaking events: meant to connect diverse stakeholders in the RHC sector and encourage collaboration and further connections. Examples include: 1. The EHPA Matchmaking Heat Pumps and

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Stakeholders: Research, Innovation and Projects (recording available here: <https://www.youtube.com/watch?v=-MG8UcNYdDo&t=30s> with 145 registrations and 84 participants); 2. EHPA Matchmaking Heat Pumps and Stakeholders no. 2: Research, Innovation and Projects (recording available here: [https://www.youtube.com/watch?v=NNXdxkf\\_Ylk](https://www.youtube.com/watch?v=NNXdxkf_Ylk) with 108 registrations and 60 participants);

National Round Tables: A series of panel debates offering a platform for discussion involving policymakers and relevant stakeholders from EU Member States. The speakers, providing their vision for 100% Renewable Heating and Cooling in Europe and outlining the main challenges in achieving this goal, with a detailed focus on the work being done in a particular country. (e.g. Estonia, Finland, Lithuania, The Netherlands, Portugal). Examples include: 1. The EHPA Renewable heating and cooling; The Portugal Perspective (recording available here: <https://www.youtube.com/watch?v=URQ7Yz-jRZ4&t=4s> with 109 registrations and 70 participants); 2. EHPA The way towards a 100% renewable heating & cooling. From Local to European: The Croatian perspective (recording available here: <https://www.youtube.com/watch?v=hwqlh1FzdTE&t=217s> with 95 registrations and 73 participants);

Presentation at industry events, such as the 2021 Sustainable Places "Renewable Heating and Cooling Solutions for Buildings and Industry 2.0" workshop with the recording available here: <https://www.youtube.com/watch?v=JOyczJMglCE>

## 4. Results, next steps and expansion

### 4.1 Metrics for: Area of application, Technology Readiness Level (TRL) & Heating and Cooling solutions deployed

Area of application: Buildings	65 Project entries
Area of application: Cities	52 Project entries
Area of application: Industry	71 Project entries
Area of application: District	61 Project entries
TRL 1-3: Basic Research	18 Project entries
TRL 3-5: First Level Demonstration	17 Project entries
TRL 5-7: Second Level Demonstration	42 Project entries
TRL 7-9: Market Ready Solution	30 Project entries
Heating and Cooling solution deployed: Biomass	29 Project entries
Heating and Cooling solution deployed: District Heating	48 Project entries
Heating and Cooling solution deployed: Geothermal	28 Project entries
Heating and Cooling solution deployed: Heat Pumps	52 Project entries
Heating and Cooling solution deployed: Hybrid System	33 Project entries
Heating and Cooling solution deployed: Solar Thermal	35 Project entries
Heating and Cooling solution deployed: Thermal Storage	58 Project entries

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The table above describing the project entries that are part of a certain area described in previous sections of this document. The total number of the entries in the table is higher than the total number of projects submitted, as some entries have more than one area of application and/or use a combination of solutions and technologies (e.g. District heating that uses heat pumps and thermal storage).

### 4.2 Results versus goals comparison

As described in the project proposal, the online database will include the information retrieved by the RHC-secretariat as a Deliverable of the RHC tender PP-2041/2014 “Supporting the activities of the European Technology Platform on Renewable Heating and Cooling. EHPA, with the support from other associations, involving the RHC-ETIP Technology Panels (Task 3.1), will be in charge of developing and populating such a database. The objective of such a database is to track the ongoing projects in the area of renewable heating and cooling, with a focus on those which are funded at EU level. Whenever possible, the projects’ results will also be presented, in terms of Key Performance Indicators, as defined in the tender Deliverable 1.3- Third report on the status of the implementation of the five roadmaps, which is currently being drafted by EUREC, AEBIOM, EGEC, EHPA and ESTIF, and which will be finalised by the end of 2018/ beginning of 2019. With two Milestones of: 1. Increase by 50% in number of projects registered in RHC database by month 24 of the project in comparison to the number of projects in database (starting point: number of projects collected via the RHC-tender) 2. Doubling of number of projects in RHC database by month 36 (due to project extension, 14 entries were made after month 36) in comparison to the number of projects in database (starting point: number of projects collected via the RHC-tender). After checking against the pre-conditions explained in previous sections of this document (e.g. that data is available for all sections of the database), 82 projects were selected from the tender and uploaded to the RHC website database in August 2019 and 10 more were new ones that were added at the same time. Making the additions until month 24 at 30, shy of the 50% goal of 40, due to the fact that the previous data gathering was made already very close to the date and most of the projects were still running and/or extended, yet to be replaced by new ones. As per the 2<sup>nd</sup> milestone, the doubling of the projects database entries was achieved, from 82 to 165, with the addition of 85 projects on top of the ones selected (these were added to the database in batches or at the time of direct submission by a stakeholder).

### 4.3 Expansion and next steps

As examined in the previous sections, the online database of projects in the renewable heating and cooling sector is an important component of the RHC portal, offering a one stop shop with a user-friendly interface that can be easily sorted and is continually added upon (by EHPA data gathering, consortium partners submissions and directly via a form). This makes the database, a reference point for the whole renewable heating and cooling community at European and International levels. As the process of collection, dissemination and management has been established, tested and continually improved in the current project cycle, a suggestion of further expansion was made via the “Support to the activities of the ETIPs and technology areas of the SET Plan” Horizon Europe Framework

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Programme (HORIZON), TOPIC ID: HORIZON-CL5-2021-D3-02-15 call. Proposing an approach that will go beyond and expand upon the capabilities of the database by offering additional services to its members while continuing to expand project participation. By implementing robust outreach actions spanning across the EU and associated countries (e.g. developing a webinar series with other ETIPs and IWGs). The additional services will focus on actions designed to facilitate cooperation across Europe between the database members, ensuring the accessibility and reusability of data produced in the course of the projects and establishing synergies between them (e.g. online networking events centred on establishing synergies between stakeholders and matching project consortia from RHC-ETIP projects database already online). Current and future projects in the RHC field and beyond would therefore be encouraged to cooperate and more efficiently use resources, thereby contributing to the sustainability plan for future continuation beyond the lifetime of the proposal as a new collaboration service. With an objective of doubling the projects database entries and culminating in a deliverable that looks into the RHC projects database from a trends, projects and collaboration standpoint.

## 5. Conclusions

The RHC Projects Database has proven to be an important and freely available tool for the RHC ETIP membership, consortium members and any other relevant stakeholders. Over the duration of the project, it has been constantly improving and benefiting from new features, while continually adding the latest EU funded projects of the sector. Moreover, this service complements and expands upon the other opportunities offered by the Secretariat of RHC ETIP, while introducing new and relevant stakeholders to the work of the platform. Reinforced by the dissemination of the tool via external and internal events, social media and website entries, with ambitious plans for its expansion (both in scope and services) already planned for a potential new project cycle. With everything already employed and tested, the database has all the tools and experience behind it to diversify, grow and become one of the principal services of the platform.



## 6. Annexes

Annex I: Projects collection template

### Project collection for the RHC-Platform project database

Please fill in the table with all the relevant information (you should use this template for each project you wish to add).

Name of the project
Sun coupled innovative Heat pumps

Acronym
SunHorizon

Partners involved (including their country of origin)		
21 partners:		
1	RINA CONSULTING SPA	IT
2	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR
3	Exergy Netherlands B.V.	NL
4	Schneider Electric SPA	IT
5	BOOSTHEAT	FR
6	CONSIGLIO NAZIONALE DELLE RICERCHE – CNR ITAE	IT
7	FAHRENHEIT AG	DE
8	FUNDACION CARTIF	ES
9	IES R& D	IE
10	IVL SVENSKA MILJOEINSTITUTET AB	SE
11	EUROPEAN HEAT PUMP ASSOCIATION	BE
12	TVP SOLAR SA	CH
13	DualSun	FR
14	CheckWatt AB	Sweden
15	AJUNTAMIENTO DE SANT CUGAT DEL VALLES	Spain
16	GROUPEMENT DE REDEPLOIEMENT ECONOMIQUE DU PAYS DE LIEGE	BE
17	BDR THERMEA GROUP BV	NL

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19	VEOLIA	ES
20	RIGAS TEHNISKA UNIVERSITATE	LV
21	EMPRESA MUNICIPAL DE LA VIVIENDA Y SUELO DE MADRID SA - EMVS	ES

### Area of application (Multiple choices possible)

- Building (RESIDENTIAL AND TERTIARY BUILDINGS)

### Main heating and cooling technologies involved (Multiple choices possible)

- Biomass
- District heating
- Geothermal
- Heat Pumps
- Hybrid system
- Solar Thermal
- Thermal storage
- (Add new category)

### Solutions developed (Brief description of the project)

Heat Pump and solar appliances are the most socially accepted residential Renewable Energy based energy systems. SunHorizon will demonstrate up to TRL 7 innovative, reliable, cost-effective coupling of solar and HP technologies. SunHorizon addresses three main research pillars that interact each other towards project objectives achievement, demonstration and replication: i) OPTIMIZED DESIGN, ENGINEERING AND MANUFACTURING OF SUNHORIZON TECHNOLOGIES, ii) SMART FUNCTIONAL MONITORING FOR H&C, iii) KPI DRIVEN MANAGEMENT AND DEMONSTRATION.

The main objective of SunHorizon is to demonstrate up to TRL 7 innovative and reliable Heat Pump solutions (thermal compression, adsorption, reversible) that acting properly coupled and managed with advanced solar panels (PV, Hybrid, thermal) can provide heating and cooling to residential and tertiary building with lower emissions, energy bills and fossil fuel dependency. A cloud-based functional monitoring platform will be realised in the project to be the “performance data mine” for the development of Data Driven/KPI oriented optimized algorithms and tools for predictive maintenance, optimize the management towards maximisation of solar exploitation and give to the manufacturer inputs for new installation design.

### Main results obtained or expected


The project will analyze heat pumps and building integrated solar solution specifics and their individual challenges towards performance increasing, cost reduction (optimized size, installation cost reduction etc.), increased reliability (lifetime and reduced maintenance) as well as their integration in 5 Technology packages that will be demonstrated in the 8 SunHorizon demosites. The integration between solar and heat pumps technology aims to cover the whole H&C demand of the building, to maximize solar self-consumption and guarantee adequate internal comfort.



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Technology readiness level
TRL 5 at the beginning of the project. ( at the end of the project we foresee up to TRL7/8)

Pictures
<p>Max 3</p> 

Funding programme
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Overall budget
8999815,38 euro

Link to website or relevant contact
<a href="http://www.sunhorizon-project.eu/">http://www.sunhorizon-project.eu/</a> PROJECT COORDINATOR: alessandra.cuneo@rina.org

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Grant Agreement N. 818329

**Logo**



Annex II: Cherry pulp document on adding a project to the website  
(Wordpress Manual)



# Wordpress Manual

Eurec



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## Preface

The purpose of this document is to familiarize you with the Wordpress online publishing platform.

This document is intended exclusively for Cherry Pulp clients. **Any abusive and unauthorized reproduction is prohibited.**



## Wordpress

### Login

To log in to the administration interface of your website, you must go to :

<http://eurec.lademo.be/wp-admin> (demo version)



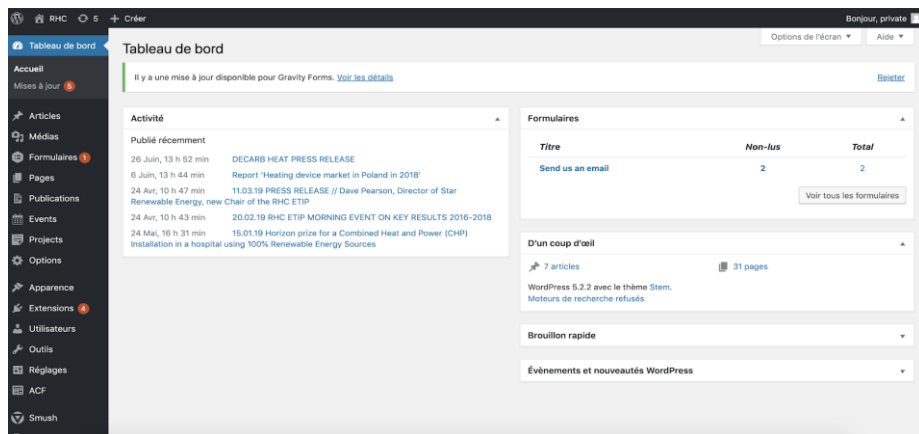
You will be asked to enter your username and password to log on to the management interface.

### The dashboard

Once connected, you will then arrive on the website's dashboard which looks like this :

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

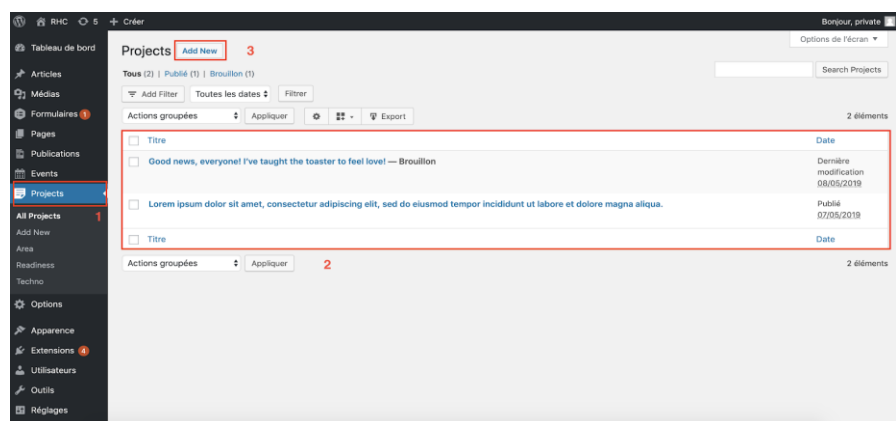


## Projects

To add a new project, you have to go on the “**project section**” in the admin of the website. (See n°1 on the screenshot)

You will then arrive on a page that includes a **list of all the encoded projects**. (See n°2 on the screenshot)

In order to **create a new project**, you must click on the “**add new**” button (See n°3 on the screenshot)



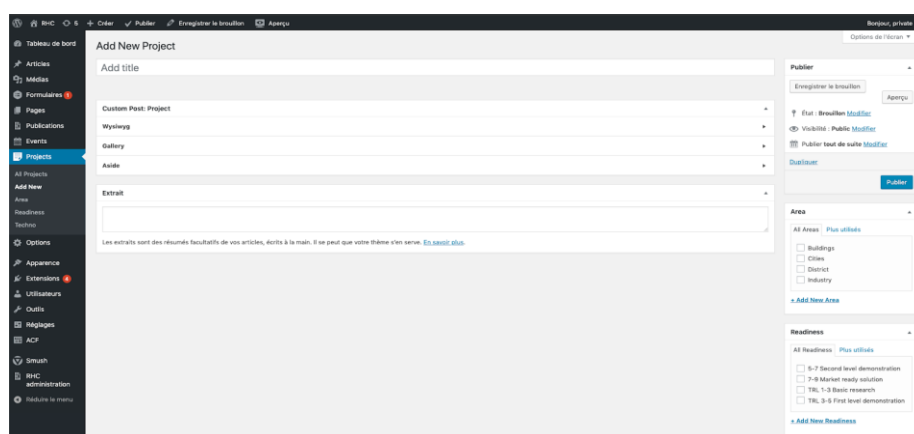
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When you click on “ **Add new**” you will reach a blank page like this one. The page contains 5 main categories.

- 1) Project title
- 2) Wysiwyg
- 3) Gallery
- 4) Aside
- 5) Extrait/Extract



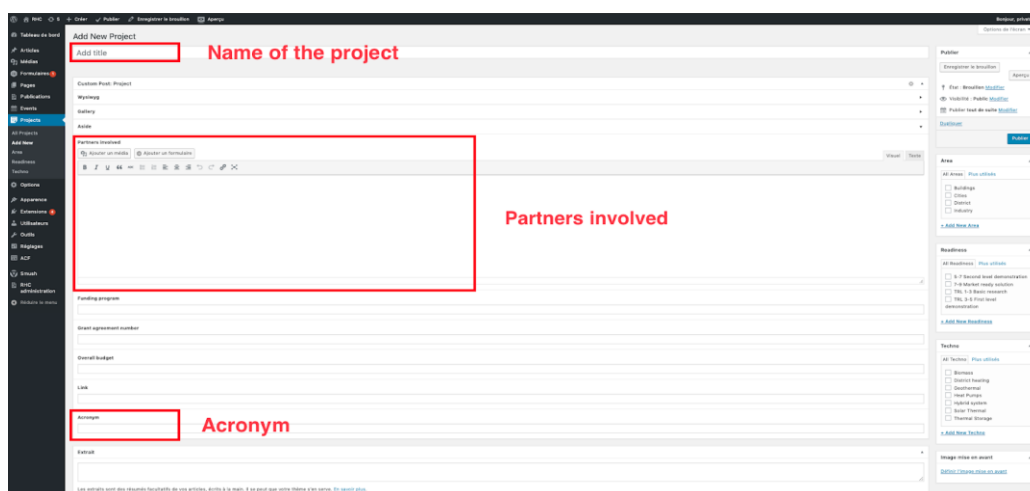
According to your document, you have to fulfill the different categories as follows :

**Name of the project** > Fill in the field “**Add title**”

For the **acronym**, you must click on the **category** “ **Aside**” and fill in the field “Acronym”

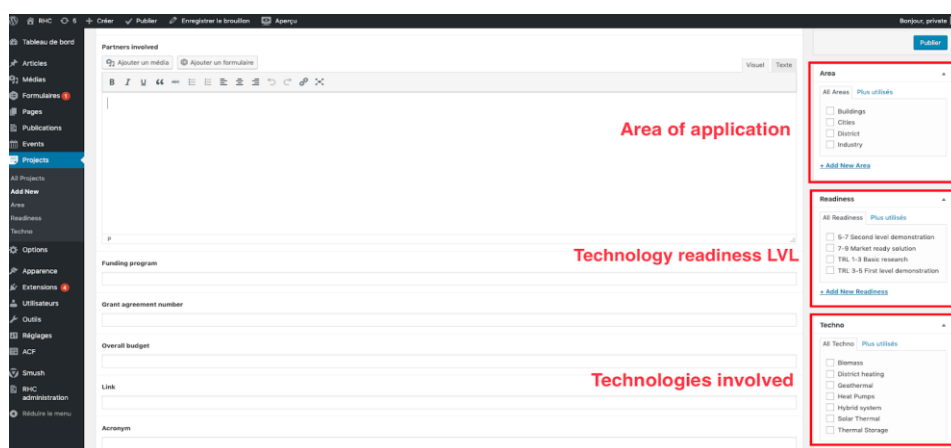
On this page, you can also fill in the text field for “**Partners involved**”

**You must also complete the field “Extrait” by a small extract/summary of the project.**

To fulfill the “**area of application**” you have to tick the corresponding **box on the right**.

You must repeat the **same process** for the **technologies involved** AND the **technology readiness LVL**.



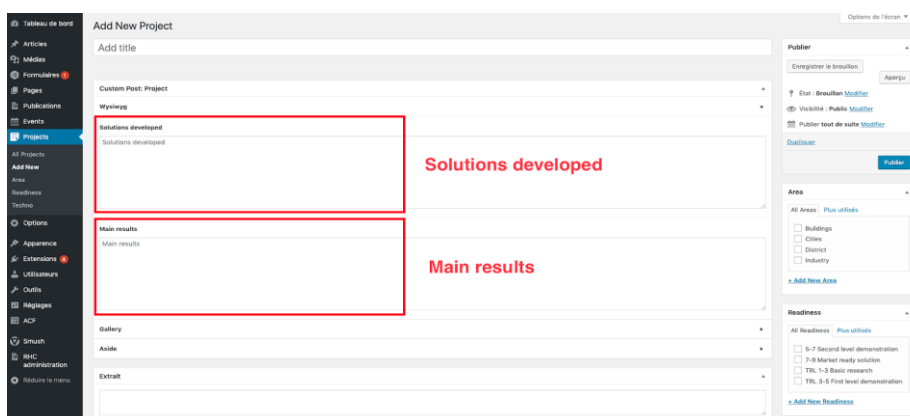


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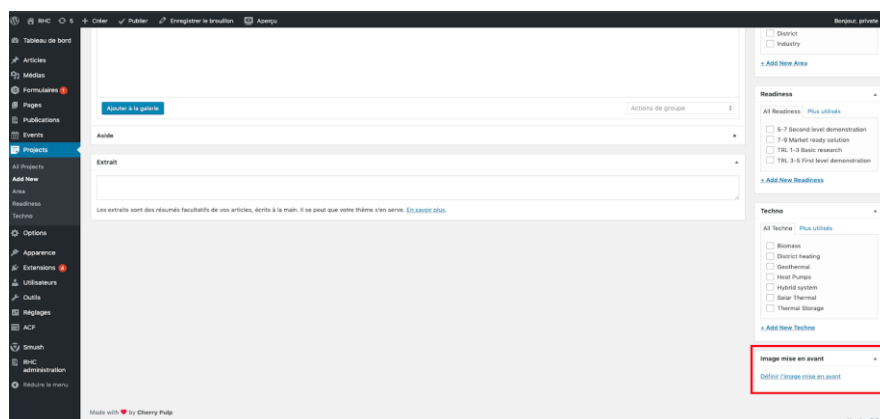
## European Technology and Innovation Platform on Renewable Heating and Cooling



In order to fulfill the fields “**solutions developed**” and “**main results**” you must click on the “**Wysiwyg**” category.



For the pictures, you can click on the “**gallery category**” to create an image gallery. Otherwise, if you want to add a picture that will appear on the top of your project, you must set an “**in the picture**” image right there :



**Note:** Pay attention to the weight of the images. Each picture shouldn't exceed **300 KB maximum**. Otherwise, it will have a negative impact of your website's performance.

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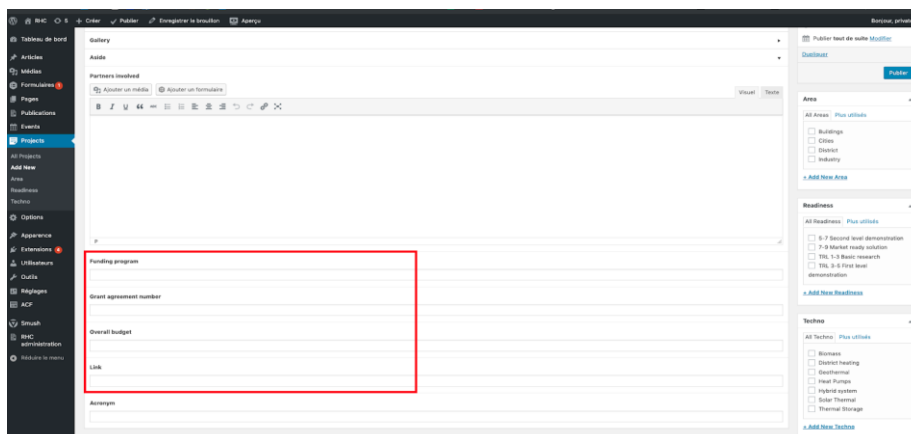
## European Technology and Innovation Platform on Renewable Heating and Cooling



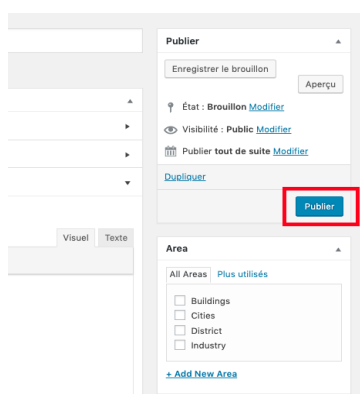
To fill in these fields :

- **Funding programme**
- **Overall budget**
- **Link**
- **Grand agreement number**

You have to click on the “**aside**” category.



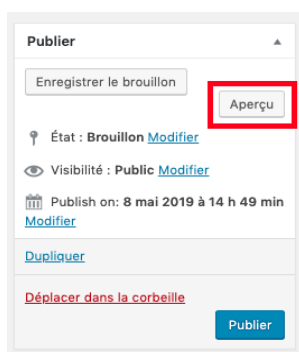
Once, every fields are completed, you can publish the project by clicking on the blue button “**Publier**” on the right of the window.



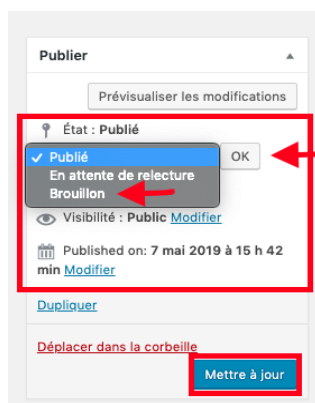


## Additional tips

You can get an overview of your project, while you are editing it, by clicking on the “**Aperçu**” (overview) button.



When a project is published, if you want to put it back in draft (brouillon), you have to click on the “**Etat-brouillon**” button and then, on the “**Mettre à jour**” (update) button.



Annex III: RHC Project Submission Form and Other V0.3. (06.03.2020)

# RHC Project Submission Form and Other

V0.3. (06.03.2020)

## Content

1. RHC ETIP Projects' database update overview
2. Button to 'Submit' projects and 'Extra information' in section Title
  - 2.1. On Home page
  - 2.2. On Projects tab
  - 2.3. On website Footer
3. User Form
4. After Form is completed
  - 4.1. Message to user
  - 4.2. Information flow
  - 4.3. Data validation
  - 4.4. Message to user
5. Changes/updates

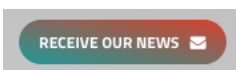

### 1. RHC ETIP Projects' database update overview:

Projects database update 2020: give the possibility for users to integrate projects and the timing/ planning. Update features:

- **Button** on the website linked to a form the user can fill in to submit his/her project.
- **Create an embedded form**, based on the filters/sections you created to add the previous projects plus 2 others (link on Cordis and mandatory field to upload logo).
- **'Submit project'** button. Idea: [info@rhc-platform.org](mailto:info@rhc-platform.org) would receive the project application that EUREC will forward to EHPA for validation: check and validate or ask the user to add the missing or correct information. The applicant would receive an email to confirm reception of project application.
- **Validation**: When a new project is validated the user receives the confirmation via email indicating the user can submit more projects, that user can contact RHC ETIP for changes or questions and 'follow us'. EUREC will forward emails related to project changes to EHPA, in charge of doing the projects' updates/ changes.
- **Planning**: update done by March 2020

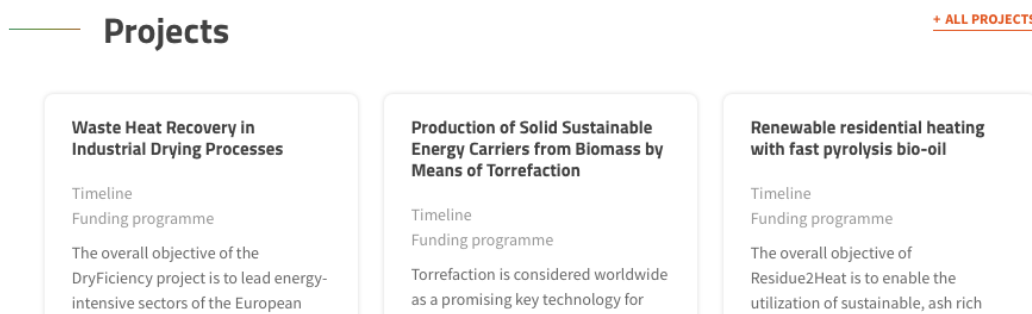
Document	D5.6 T5.1.2.		
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2. **Button to ‘Submit your project’:** A button to ‘Submit your project’ will be embedded on the RHC ETIP website.: homepage (projects section before the footer) and the Projects section of the website. The button should be clearly visible and have the same style and design as the rest of the visual identity.

E.g.:  (use this style) – Replace ‘RECEIVE OUR NEWS’ with ‘SUBMIT YOUR PROJECT’; Replace ‘email icon’ with ‘floppy disk’/‘save’ icon 

### 2.1. Button to ‘Submit your project’ in the Home page

Extra information should be added to the ‘Projects’ title:



#### Content + ‘Submit your project’ button:

The RHC ETIP projects database tracks the past, ongoing and upcoming initiatives in the area of Renewable Heating and Cooling. It focuses on projects which are funded at EU level (e.g. Horizon 2020), showcasing relevant information (e.g. Technology Readiness Level) and whenever possible, presents the project results in terms of Key Performance Indicators and/or Deliverables.

### 2.2. Page with embedded form SUBMIT YOUR RHC PROJECT

Text + form + submit: Fill in the form below and submit your project on renewable heating and cooling to showcase it on the RHC ETIP’s online projects database.

### 2.3. Button to ‘Submit your project’ on Projects tab

Projects (drop down menu)

- Database
- Submit your RHC project

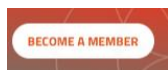



### 2.4. Current Projects page (database)

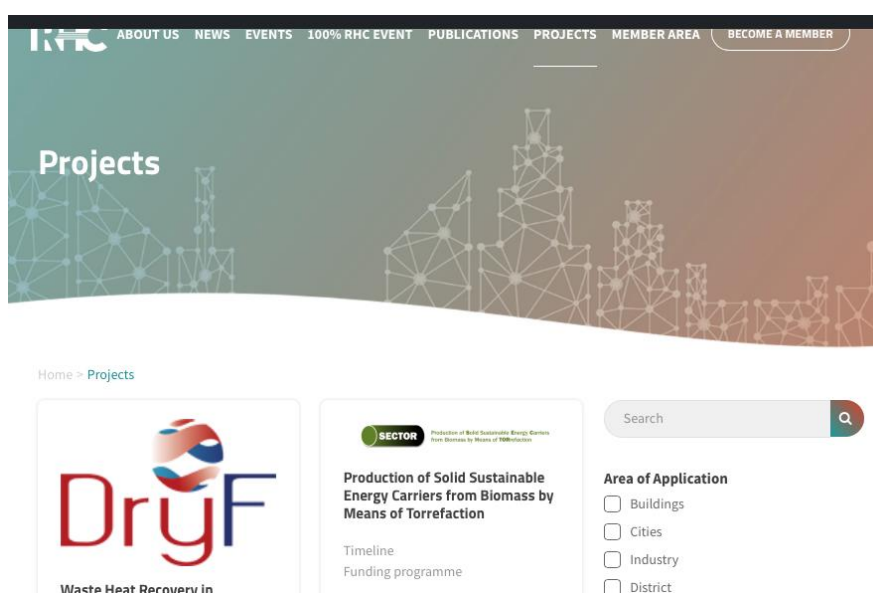
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## European Technology and Innovation Platform on Renewable Heating and Cooling

The updated section title should be followed by the 'Submit your project' button: either after text or below it. Note that due to background, the style of the button would need to be changed into:



- 'SUBMIT YOUR PROJECT'; Add 'floppy disk'/'save' icon 



Text content to be added to this section before the list of projects:

The RHC ETIP projects database tracks the past, ongoing and upcoming initiatives in the area of Renewable Heating and Cooling. It focuses on projects which are funded at EU level (e.g. Horizon 2020), showcasing relevant information (e.g. Technology Readiness Level) and whenever possible, presents the project results in terms of Key Performance Indicators and/or Deliverables.

### 3. User form to submit the project

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

The embedded form will be used to collect the necessary data for project submission. It must have 'mandatory' sections, sections that require the user to upload a picture (in this case the project logo) and sections where the user 'ticks' the suitable box.

The following draft structure should be considered:

1. Name of the project (mandatory)
2. Short name of the project/Acronym
3. Partners involved (mandatory)
4. Funding Programme e.g. Horizon 2020 (mandatory)
5. Overall budget of the project (mandatory)
6. Link to website or Cordis page (mandatory)
7. Grant agreement number (mandatory)
8. Short description of the Project (mandatory)
9. Area of application – Tick correct box (mandatory) (multiple field selection possible)  
Boxes as follows: 1. Buildings 2. Cities 3. District 4. Industry
10. Technology Readiness Level (TRL) Tick correct box (mandatory) (multiple field selection possible)  
Boxes as follows: 1. TRL 1-3 Basic research 2. TRL 3-5 First level 3. 5-7 Second level demonstration 4. 7-9 Market ready solution
11. Technology/Technologies used Tick correct box (mandatory) (multiple field selection possible)  
Boxes as follows: 1. Biomass 2. District Heating 3. Geothermal 4. Heat Pumps 5. Hybrid System 6. Solar Thermal 7. Thermal Storage
12. Short description of the Solutions Developed (mandatory)
13. Short description of Main Results (mandatory)
14. Email of uploader (to be used only to confirm when the project has been uploaded or to ask for additional information/clarification) (mandatory)
15. Upload project logo (no more than 300 Kb)

\*GDPR compliant

Note: Fields are followed by button to confirm information and submit (red field if mandatory field data not entered and error message)

#### 4. After Form is completed (and user clicks 'Submit' button)

##### 4.1. Screen message and automatic email to user

- If mandatory field not filled in or other errors: (red field if mandatory field data not entered and error message)

<b>Document</b>	D5.6 T5.1.2.		
<b>Author</b>	EHPA	<b>Version:</b>	1
<b>Reference</b>	D5.6 RHC ETIP ID GA 825998	<b>Date</b>	3/5/22

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

- If information filled in correctly:

Thank you for your submission,

The form has been sent to the RHC ETIP Secretariat and is currently under evaluation (for any spelling mistakes or data formatting errors). Please feel free to submit other projects that showcase Renewable Heating and Cooling.

For any additional information, please contact [info@rhc-platform.org](mailto:info@rhc-platform.org).

Note: Once the project and its information has been validated and made available on the website, you will receive an email from [info@rhc-platform.org](mailto:info@rhc-platform.org) on your indicated email address.

To stay informed about the RHC ETIP news & events, follow us on Twitter (@EtipRhc) and subscribe to the RHC ETIP newsletter ([here](#)).

Kind regards,  
The RHC ETIP Secretariat



### 4.2. Information flow

All information (information pack) from the form (including logo) should be sent to [info@rhc-platform.org](mailto:info@rhc-platform.org) under the subject 'NEW RHC PROJECT APPLICATION'

### 4.3. Data validation

From [info@rhc-platform.org](mailto:info@rhc-platform.org), the information pack will be forwarded to EHPA where it will be validated. If all correct, website should display the information (information on backend, after validation it becomes visible with no other tweaks from RHC/EHPA).

EHPA will validate the project through the website and the after validation, an automatic email / message to user is sent to the 'user /uploader'.

### 4.4. Message to user

Uploader receives an email.

Dear (email address),



<b>Document</b>	D5.6 T5.1.2.		
<b>Author</b>	EHPA	<b>Version:</b>	1
<b>Reference</b>	D5.6 RHC ETIP ID GA 825998	<b>Date</b>	3/5/22

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

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Thank you for sharing your project and work with the RHC ETIP Network. The data is now available for the RHC Projects database users and public.

Please, let us know if any change or updates occur, so that the information is kept up to date.

Please feel free to upload additional projects.

To stay informed about the RHC ETIP news & events, follow us on Twitter (@EtipRhc) and subscribe to the RHC ETIP newsletter ([here](#)).

Kind regards,  
The RHC ETIP Secretariat

### 5. Changes/updates

Any changes or updates should be sent to [info@rhc-platform.org](mailto:info@rhc-platform.org), clearly mentioning the project name. RHC ETIP will forward the changes to EHPA to take care of the update.

<b>Document</b>	D5.6 T5.1.2.		
<b>Author</b>	EHPA	<b>Version:</b>	1
<b>Reference</b>	D5.6 RHC ETIP ID GA 825998	<b>Date</b>	3/5/22

### Annex IV: Website article example

RHC ETIP Online Projects database – Join our Renewable Heating and Cooling Community!

Are you a Coordinator or a Partner in an EU funded project relating to Renewable Heating and Cooling?

Share your hard work, results and solutions developed in your EU funded project while ensuring that it is built upon, replicated and disseminated to relevant stakeholders and likeminded initiatives. Join a growing community of more than 120 past, current and future projects in the area of renewable heating and cooling, that are making a real and tangible difference in the areas of Buildings, Districts, Cities and Industries.

Showcase the technology readiness level (1-9) and describe the process, planning, resources and innovations being worked on to achieve the desired TRL.

Highlight the technology and the solutions being developed, be it: Biomass, District Heating, Geothermal, Heat Pumps, Solar Thermal or a Hybrid system that uses and combines more technologies as well as their storage mediums.

Need inspiration? Consult the projects that are already showcased, use the quick filter options to easily hone in on the information you are looking for [HERE](#).

Use the 'SUBMIT YOUR PROJECT' button to easily add your project to our community. Doing so will underline its benefits, ideas and tools, not only disseminating them to policy makers, regional/national/transnational associations, research centers, experts in the field and multipliers, but also to future potential consortium partners that may be able to take the project and its methodology to the next stage of its development.

Looking forwards to reading about your project,

The RHC ETIP Team