



European Technology and Innovation Platform

Inventory of funding instruments

Deliverable 4.2

WP4 - RD&I framework for the RHC-sector

T4.2 Financing research and innovation

Grant agreement: 825998

From December 2018 to November 2021

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European Technology and Innovation Platform on Renewable Heating and Cooling

ABBREVIATIONS

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

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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INTRODUCTION

This Strategic document is part of Task 4.2 “Financing research and innovation” within the Work Package 4 - RD&I framework for the RHC-sector. It is intended to provide basis for the preparation of a comprehensive strategy to finance research and innovation for the RHC sector.

It presents a collection of funding instruments for RD&I, encompassing EU and national funding, and private financing, such as insurance and loan mechanisms, which are presented in the form of factsheets. The aim of the mapping exercise is to develop a comprehensive overview of the type and the size of funding instruments for RHC in Europe. This will lead to the creation of a funding instruments’ inventory that will provide the basis to identify gaps in funding and to provide recommendations both at EU and national level.

This collection will serve as a basis for the preparation of recommendations for research, development and demonstration funding in the timeframe of ‘Horizon Europe’ and in line with the wider EU 2030 Energy and Climate Framework. Based on the work done in Task 4.2, the strategy will be used as a basis for discussion with the RHC-ETIP Board (link with Task 1.1), with national representatives (Task 3.2), and with other relevant stakeholders (Task 3.3).

SCOPE

The funding instruments considered include:

- Grants from public and private organisation, 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 organisation and major financial institutions, including loans and guarantees
- Subsidies and support schemes to privates or companies (e.g. tax deduction, fiscal incentives, etc.)

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STAKEHOLDERS

Stakeholders considered in the mapping exercise are funding authorities, such as:

- EU institutions (Commission, BEI, FEI)
- National institutions
- Research and energy national agencies
- Regional institutions (in case of federal states)
- Research and energy regional agencies (in case of federal states)

GEOGRAPHICAL COVERAGE

The mapping exercise takes into consideration relevant funding instrument in the highest possible number of MSs according to the available resources. Mapping funding instruments in certain countries is problematic because of the linguistic barrier.

METHODOLOGY AND PARTNER ROLES

Information has been gathered through desk research, survey with associations' members, national stakeholders and direct contacts with managing authorities.

EUREC has coordinated partners' activities and carried out the mapping at EU level and one MS. Partners organisations have been respectively assigned a few MSs taking into consideration the resources available (nationality and languages spoken by the staff).

INVENTORY

The inventory is organised as a matrix cross-referencing the institutional level (International organisation, EU, MSs) and the type of funding (grants, equity, financial schemes, etc.) as illustrated in Annex I.

For each funding instrument, a fact sheet has been developed withing a set template uniform for all fact sheets as illustrated in Annex II.

The funding instruments' fact sheets constitute the foundation for analysing the funding instruments currently available in the Renewable Heating and Cooling sector and are subject to the information that was available at the date of creation of this document (22/03/2019 – 29/05/2020). Some instruments will be phased out or their scope will become more limited in the upcoming timeframe, while others will appear or will have their funding and scope increased.

AVAILABLE FUNDING FOR H&C

Country	Estimated No of funding instruments	Type of instrument					
		Grant	Loan	Guarantee	Equity	Subsidy	Other
EU	26	18	5	6	3	1	1
Austria	14	13	1	0	0	2	0
Belgium	11	2	3	2	0	9	0
Cyprus	4	1	0	0	0	2	1
Denmark	5	0	1	0	0	1	3
Finland	7	7	0	0	0	0	0
France	5	2	2	1	1	2	3
Germany	18	7	3	0	1	6	4
Ireland	5	4	0	0	0	1	1
Italy	5	2	2	1	0	0	1
Luxembourg	4	2	2	0	0	0	0
Netherlands	6	0	0	0	0	5	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
Spain	2	0	0	0	0	0	2
Sweden	2	1	0	0	0	0	1
UK	8	7	2	0	0	0	1

Figure 1 - Overview of number and type of funding instruments

The information collected and presented in the first set of factsheets (Annex II) is a crude representation of the selected Member States' funding available for H&C sector and no definitive conclusions (e.g. comparison of funding among MSs' funding) can be drawn at this moment. Further research needs to be done to complete the inventory with missing EU MSs, as well as update included instruments with any missing data on budgets (i.e. resources) of the funding instruments and their timeframe (i.e. period of funding). Information presented in Figure 1 shows the number of funding

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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”. Analysis that will be undertaken with the complete inventory of funding instruments will also consider comparing the EU funding with that of other countries from outside the EU to inform future funding decisions and to examine possible replication of success stories from other parts of the world.

CONCLUSIONS

This Inventory of funding instruments document presents the first collection of funding instruments for RD&I, encompassing EU and national funding, such as grants, loan mechanisms, equity funds, financial schemes and subsidies. Presented in the form of factsheets, it serves as a basis for preparing a comprehensive strategy to finance research and innovation for the RHC sector by helping identify gaps in funding and to provide recommendations both at EU and national level. This collection will serve as a basis for the preparation of recommendations for research, development and demonstration funding in the timeframe of ‘Horizon Europe and in line with the wider EU 2030 Energy and Climate Framework delivered at the end of the project. The updated collection of funding instruments for RD&I, together with analysis and recommendations will be presented in Deliverable 4.5 at the end of the project.

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ANNEX I – INVENTORY STRUCTURE

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

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	EIT Climate-KIC	COSME	European Investment Fund			
	EIT InnoEnergy		InnovFin			
	LIFE Environment					
	LIFE Climate Action					
	INTERREG: European Territorial Co-operation (ETC)					
	CEF - Energy					
	ELENA					
	Horizon 2020 Topic LC-SC3-B4E-13-2020					

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
	Urban Innovative Actions (UIA)					
	NER300/Innovation Fund					
	EUREKA					
	Eurostars					
AUSTRIA	Era-net Smart Energy systems	FFG General Programme			FFG Feasibility Studies	
	FFG General Programme				State of Vienna – Renewable energy	
	Vorzeigeregion Energie (Model Region Energy)					

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
	Smart Cities Demo					
	Stadt der Zukunft (City of the future)					
	Energieforschung (Energy research)					
	BRIDGE					
	COIN					
	Promotion of Thermal Solar Systems					
	Promotion of micro district heating network based on biomass					

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
	Connection to district / local heating of less than 100 kW connected load					
	State of Vienna – Renewable energy					
	Austria Wirtschaftsservice – Energy & Climate					
BELGIUM	Aid for energy research	Easy'green	Aid for renewable energy investment		Transition fund	Tax credit for research and development
	Aid for research and technological innovation	CWALity DE 2019	Financial support for the development or implementation of		Aid for energy research	

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
			your innovative R & D project			
		Tax credit for research and development			Aid for renewable energy investment	
					Aid for research and technological innovation	
					Financial support for the development or implementation of your innovative R & D project	
					Innovative starters award	
					CWALity DE 2019	

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
					Financial support for the realization of an innovation	
					Research project	
CYPRUS	Grant Scheme for Installation or Replacement of Solar thermal Systems				Scheme for Promoting Saving and Upgrading of Households	Support Scheme for installation of High-efficiency Cogeneration Units for Own Power Consumption of up to 5MW
					Sponsorship Plan - Upgrade Homes	
DENMARK		Danish Green Investment Fund			“Energiteknologisk Udviklings- og	Tax regulation mechanism

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
					Demonstrationsprogram” (EUDP)	
						Financial risk coverage in connection with geothermal drilling
						Danish Eco-Innovation Programme (MUDP)
FINLAND	SE Finland – Russia CBC					
	Kolarctic CBC					
	6Aika					
	Structuralfunds.fi					
	Business Finland					

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
	Finland Ukraine Trust Fund					
	Sitra					
FRANCE	Bourse French Tech	Aid for the development of innovation			Research and Development Program	Aid for the development of innovation
						Research tax credit (CIR)
						Research and Development Program
	Investments for the future Program 3					
GERMANY	Umwelt Innovations Programm (Environmental)	IKK - Energetic Urban Redevelopment		Thuringian Development Bank	Wärmenetzsysteme 4.0	Heating with Renewable Energies

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
	Innovation Program)					
	Federal funding for efficient buildings	Renewable Energies - Standard			KWKG - Innovative KWK-systeme	Commerzbank -Green Bonds
	CORNET	IB.SH			KWKG - KWK Zuschlag für Wärme/ Kälte Speicher	NRW.BANK - Green Bond Framework
	IFB Hamburg - Renewable Heat				KWKG - Wärme- und Kältenetze	Marktanreizprogramm 2020 - Fernwärme
	IB.SH				Umwelt Innovations Programm (Environmental Innovation Program)	
	RL Klima / 2014				IKK - Energetic Urban Redevelopment	

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
	NBank - Energy and Environment				NBank - Energy and Environment	
IRELAND	Support Scheme Renewable Heat (SSRH)				Support Scheme Renewable Heat (SSRH)	Accelerated Capital Allowance scheme (ACA)
	Better Energy Communities 2020 (SEAI Community Grant)					
	Home Energy Grants – Heat Pumps					
	Home Energy Grants – Solar Water Heating					

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
ITALY	Conto termico	Fondo nazionale efficienza energetica				Fondo nazionale per l'innovazione
	Programme Operativo Nazionale (PON) Ricerca e Innovazione 2014-2020	Fondo per la crescita sostenibile				
LUXEMBOURG	Industrial Fellowships	Direct loan for Research, Development and Innovation				
	Aide pour des projets de recherche et développement	Loan for innovative enterprises				

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
NETHERLANDS					TKI Urban Energy	Cover risks for geothermal energy
					Mission-driven Research, Development and Innovation subsidy scheme (MOOI)	
					Stimulation of Sustainable Energy Production SDE+	
					Market introduction of energy innovations (MEI)	
					Sustainable energy investment subsidy (ISDE)	

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
PORTUGAL	<u>Programa Casa Eficiente</u>					
	<u>Programa Solar em Edifícios</u>					
	<u>R&D project: Investigação Científica e Desenvolvimento Tecnológico</u>					
	<u>Valorizar 2020 - III - Eficiência energética nas empresas</u>					
	<u>Reabilitação nos Bairros Sociais</u>					

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
ROMANIA					Subsidy Measure 4 “Investments in physical assets”	Support scheme for less exploited energy sources
					The national programme for installation of heating systems using renewable energy, including the replacement or completion of the old heating systems	
SLOVAKIA	Quality of environment Programme				Green light to households II	
	Environmental fund					
SPAIN						Programme for Large Thermal Plants (GIT) -

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
						GEOTCASA Programme
						PAREER - CRECE Programme
SWEDEN	Klimatlivet					ROT-avdrag
UK	Domestic Renewable Heat Incentive (RHI)	The Green Deal				Domestic Renewable Heat Incentive (RHI)
	Energy Entrepreneurs Fund (EEF)	Heat Networks Investment				
	Electrification of Heat Demonstration Project					

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	GRANTS	LOAN	GUARANTEE	EQUITY	SUBSIDIES	OTHER
	<u>Low-Carbon Heating Technology Innovation Fund (LCHTIF)</u>					
	<u>Heat Networks Investment</u>					
	<u>EPSRC - Decarbonising Heating and Cooling</u>					
	<u>ISCF's Prospering from the Energy Revolution challenge</u>					

ANNEX II – FACT SHEET

EUROPEAN UNION

PROGRAMME	<i>Horizon 2020 / Horizon Europe</i>
SUB-PROGRAMME	10. Secure, clean and efficient energy
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	Research and Innovation Actions, Innovation Actions, Coordination and Support Actions
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration

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

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

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

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	<input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	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
RANGE OF FUNDING PER PROJECT	Phase I (Feasibility Assessment (optional)) – EUR 50k (lump sum) Phase II – EUR 0.5 – 2.5 million (higher or lower amounts can be requested)
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input checked="" type="checkbox"/> European Union <input type="checkbox"/> MSs: <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:

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

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

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	<ul style="list-style-type: none"> – Stimulating the participation of first-time applicants to EU research and innovation funding – Increasing private sector investment in research and innovation
SUPPORTED ACTIONS	Close-to-market innovation activities (TRL 6-8)
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	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
RANGE OF FUNDING PER PROJECT	Up to EUR 3 million
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company

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

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

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

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

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

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

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

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

PROGRAMME	European Institute of Innovation and Technology (EIT)
SUB-PROGRAMME	<i>EIT InnoEnergy</i>
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: risk investment
OBJECTIVES	<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"> • the reduction of the cost in the energy value chain (supply, transport, storage, distribution and retail); • the increase of security (autonomy vis-à-vis the resource holders, intrinsic operational security); and • the reduction of CO2 and other greenhouse gas emissions.

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

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

PROGRAMME	LIFE
SUB-PROGRAMME	<i>LIFE Environment</i>
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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,

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	communication and awareness raising campaigns in line with the priorities of the 7 th Environment Action Programme
SUPPORTED ACTIONS	Innovative projects that demonstrate new techniques and methods (mainly demonstration and market uptake projects)
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <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"> – 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.
COFINANCING or INTEREST RATE	60% of total eligible costs
RANGE OF FUNDING PER PROJECT	<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>
BENEFICIARIES	<input checked="" type="checkbox"/> university

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

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PROGRAMME	LIFE
SUB-PROGRAMME	<i>LIFE Climate Action</i>
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Support for projects focusing on reduction of greenhouse gas emissions, increasing resilience to climate change and/or promoting awareness raising on climate matters.
SUPPORTED ACTIONS	Type of actions/projects supported by the programme
TEHNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <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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	States for further mainstreaming climate and energy into macro-economic policies
COFINANCING or INTEREST RATE	60% of total eligible costs
RANGE OF FUNDING PER PROJECT	No fixed minimum size for project budgets Large projects (i.e. over EUR 5 million total costs) Small projects (below EUR 500k) with limited output are rarely selected
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input checked="" type="checkbox"/> European Union <input type="checkbox"/> MSs: <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2014-2020 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'
RESOURCES	<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>
COUNTRY	EU
MANAGING AUTHORITY	Public authority – The Executive Agency for Small and Medium-sized Enterprises (EASME)
CONTACT	<p>LIFE National Contact Point;</p> <p>easme-life@ec.europa.eu</p>
WEBSITE	https://ec.europa.eu/easme/en/life

PROGRAMME	<i>INTERREG: European Territorial Co-operation (ETC)</i>
SUB-PROGRAMME	<p>Cross-Border Cooperation (INTERREG A)</p> <p>Transnational Cooperation (INTERREG B)</p> <p>Interregional Cooperation (INTERREG C)</p>
TYPE OF INSTRUMENT	<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>
OBJECTIVES	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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	<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>
SUPPORTED ACTIONS	Cooperation projects tackling common challenges on innovation, research, sustainable energy, climate adaptation and transport
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	<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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<p>RANGE OF FUNDING PER PROJECT</p>	<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>
<p>BENEFICIARIES</p>	<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"> - Public authorities on local, regional and national levels; - Institutions governed by public law (e.g. regional development agencies, business support organisations, universities); - Private non-profit bodies. <p><u>INTERREG B & C:</u></p> <ul style="list-style-type: none"> - Public authorities on local, regional and national levels; - Managing authorities and intermediate bodies in charge of the 'Investment for Growth and Jobs' or 'European Territorial Cooperation' programmes; - 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.

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

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

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	<input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Project bonds
OBJECTIVES	<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> <ol style="list-style-type: none"> 1) Increasing competitiveness by promoting the further integration of the internal energy market and the interoperability of electricity and gas networks across borders; 2) Enhancing the EU's security of energy supply; 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.
SUPPORTED ACTIONS	Technologies in the demonstration phase (TRL 9), i.e, Projects of Common Interest for the whole Europe
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:

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COFINANCING or INTEREST RATE	<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>
RANGE OF FUNDING PER PROJECT	No range requirements regarding the requested financial contribution
BENEFICIARIES	<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"> – One or more Member States; – International organisations, joint undertakings, or public or private undertakings or bodies established in Member States (with the agreement of the Member States concerned) – Where necessary, 3rd countries and entities established in 3rd countries may participate as well
TARGET AREA	<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>
TIMEFRAME	2014 – 2020

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

PROGRAMME	Project Development Assistance (PDA)
SUB-PROGRAMME	ELENA
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Support for technical assistance focused on the implementation of energy efficiency, distributed renewable energy and urban transport projects and programmes.
SUPPORTED ACTIONS	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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TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	<p>Up to 90% of eligible project development costs</p> <p>The beneficiary is expected to put up a percentage (minimum 10%)</p>
RANGE OF FUNDING PER PROJECT	<p>Typically, projects above EUR 30 million are supported</p> <p>Smaller projects are supported when they are integrated into larger investment programmes</p>
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Any public or private entity/project promoters such as local, regional or national authorities, transport authorities and operators,

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

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

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OBJECTIVES	<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"> • Existing public and private buildings including social housing, with the aim to significantly decrease energy consumption in heating/cooling and electricity; • 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 • Energy efficiency in existing infrastructures such as street lighting, district heating/cooling and water/wastewater services.
SUPPORTED ACTIONS	<p>Coordination and Support Actions (TRL 9)</p> <p>Actions with innovative financing and organisation of the project</p>
TEHNOLOGIES COVERED	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <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
COFINANCING or INTEREST RATE	The EU funds 100% of eligible costs

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RANGE OF FUNDING PER PROJECT	<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>
BENEFICIARIES	<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>
TARGET AREA	<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>
TIMEFRAME	<p>2020</p> <p>The PDA call is expected to continue in 2021 – 2027</p>
RESOURCES	EUR 16 million (2020)
COUNTRY	EU

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

PROGRAMME	URBACT III
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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
SUPPORTED ACTIONS	Activities such as capacity building for urban stakeholders, expertise at project and programme level and National URBACT points
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump

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	<input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: Energy related solutions could be a topic under this programme, however, projects implementing solutions are not eligible
COFINANCING or INTEREST RATE	<ul style="list-style-type: none"> • less developed and transition regions receive up to 85 % ERDF contribution • more developed regions receive up to 70 % ERDF contribution; • partners from Switzerland shall be co-financed at up to 50 % by a Swiss national fund; • Norway is a partner state of the URBACT programme and Norwegian cities may participate in Transfer Network at their own cost
RANGE OF FUNDING PER PROJECT	EUR 600k – 750k for the activity to share good practice within the Transfer network
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <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>
TARGET AREA	<input checked="" type="checkbox"/> European Union <input type="checkbox"/> MSs: <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	<p>2014 – 2020</p> <p>It is expected that URBACT will continue in 2021 – 2027 in reorganised format</p>
RESOURCES	EUR 96.3 million
COUNTRY	EU
MANAGING AUTHORITY	Public Authority (The Commissariat Général à l'Égalité des Territoires (General Commissariat for Territorial Equality))
CONTACT	https://urbact.eu/contact
WEBSITE	https://urbact.eu/

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

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

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

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

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	<input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	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)
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	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)
RANGE OF FUNDING PER PROJECT	EUR 7 to EUR 203 million
BENEFICIARIES	<input checked="" type="checkbox"/> university

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

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

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COFINANCING or INTEREST RATE	<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>
RANGE OF FUNDING PER PROJECT	<p>~ EUR 1.74 million</p> <p>EUR 2 - 15 million for the average size EUREKA network cluster project</p>
BENEFICIARIES	<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>
TARGET AREA	<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>
TIMEFRAME	<p>2018 – 2020</p> <p>2021 – 2027 continuation of the programme is planned</p>
RESOURCES	N/A due to the combination of public and private funding

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COUNTRY	EU
MANAGING AUTHORITY	Public authority
CONTACT	info@eurekanetwork.org
WEBSITE	https://www.eurekanetwork.org/

PROGRAMME	<i>Eurostars</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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
SUPPORTED ACTIONS	Market-driven and innovative projects
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump

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

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RESOURCES	EUR 1.14 billion
COUNTRY	EU
MANAGING AUTHORITY	Public authority
CONTACT	https://www.eurostars-eureka.eu/contact-eureka-secretariat-0
WEBSITE	https://www.eurostars-eureka.eu/

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

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	<input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	Up to 75 % of the capital cost of eligible investments
RANGE OF FUNDING PER PROJECT	EUR 40,000 to EUR 1.125 million Up to EUR 5 million in exceptional cases
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Private individuals
TARGET AREA	<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] <input type="checkbox"/> MSs: <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:

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TIMEFRAME	2014 – 2020
RESOURCES	EUR 480 million
COUNTRY	EU
MANAGING AUTHORITY	Public authority (European Investment Bank)
CONTACT	https://pf4ee.eib.org/contact
WEBSITE	https://pf4ee.eib.org/

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

AUSTRIA

PROGRAMME	<i>Era-net Smart Energy systems</i>
SUB-PROGRAMME	JOINT CALL 2019 ON ENERGY STORAGE SOLUTIONS (MICALL19)
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Develop integrated storage systems
SUPPORTED ACTIONS	RDD projects
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A

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RANGE OF FUNDING PER PROJECT	EUR 2.9 million
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Austria</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	EUR 22 million
COUNTRY	Austria
MANAGING AUTHORITY	Austrian Research Promotion Agency
CONTACT	Urban Peyker
WEBSITE	https://www.eranet-smartenergysystems.eu/Calls/SG_Plus_Calls/SG_Joint_Call_2019

PROGRAMME	<i>FFG General Programme</i>
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SUB-PROGRAMME	Research and Development in the Austrian economy
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input checked="" type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Strengthen the competitiveness of companies based in Austria by funding the development
SUPPORTED ACTIONS	New products, processes and services
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	50-70%
RANGE OF FUNDING PER PROJECT	EUR 3 million
BENEFICIARIES	<input checked="" type="checkbox"/> university

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

PROGRAMME	<i>Vorzeigeregion Energie (Model Region Energy)</i>
SUB-PROGRAMME	NEFI GreenEnergyLab WIVA P & G

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

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

PROGRAMME	<i>Smart Cities Demo</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee

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

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

PROGRAMME	<i>Stadt der Zukunft (City of the future)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:

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OBJECTIVES	Develop new technologies, technological (sub) systems, urban services
SUPPORTED ACTIONS	Innovative additional costs
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: Resource efficiency
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	EUR 2 million
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:

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

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

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

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	<input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	EUR 5 million
COUNTRY	Austria
MANAGING AUTHORITY	FFG
CONTACT	Manuel Binder Maria Bürgermeister
WEBSITE	https://www.ffg.at/programm/energieforschung-das-programm

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

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	<input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	80%
RANGE OF FUNDING PER PROJECT	EUR 360,000
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Austria</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A

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RESOURCES	N/A
COUNTRY	Austria
MANAGING AUTHORITY	Austrian Research Promotion Agency – FFG
CONTACT	Gabriele Küssler Karin Ruzak
WEBSITE	https://www.ffg.at/en/programme/bridge

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

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	<input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	35% - 60%
RANGE OF FUNDING PER PROJECT	EUR 500,000
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Austria</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	1-2 years
RESOURCES	N/A
COUNTRY	Austria
MANAGING AUTHORITY	Federal Ministry of Austria Digital and Economic Affairs

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CONTACT	Martin Reishofer Brigitte Bednar
WEBSITE	https://www.ffg.at/en/program/coin-cooperation-and-innovation-0

PROGRAMME	<i>FFG Feasibility Studies</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Support the creation of feasibility studies (proof of concept)
SUPPORTED ACTIONS	Feasibility studies
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:

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COFINANCING or INTEREST RATE	60%
RANGE OF FUNDING PER PROJECT	EUR 48,000
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Austria</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	EUR 80,000
COUNTRY	Austria
MANAGING AUTHORITY	FFG
CONTACT	N/A
WEBSITE	https://www.ffg.at/en/programme/feasibility

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PROGRAMME	<i>Promotion of Thermal Solar Systems</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Promote the installation of high-quality thermal solar systems and expansion of the collector area.
SUPPORTED ACTIONS	System installation
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	30%

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RANGE OF FUNDING PER PROJECT	Depends on gross collector area
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input type="checkbox"/> MSs: <input checked="" type="checkbox"/> MSs' region/s: Salzburg <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	N/A
COUNTRY	Austria
MANAGING AUTHORITY	State of Salzburg
CONTACT	DI Dr. Gerhard Löffler - gerhard.loeffler@salzburg.gv.at
WEBSITE	https://www.salzburg.gv.at/themen/energie/energie_foerderung/thermische-solaranlagen

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PROGRAMME	<i>Promotion of micro district heating network based on biomass</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	System construction
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	30%

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RANGE OF FUNDING PER PROJECT	EUR 2,500 - €4,500
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input type="checkbox"/> MSs: <input checked="" type="checkbox"/> MSs' region/s: Salzburg <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	N/A
COUNTRY	Austria
MANAGING AUTHORITY	State of Salzburg
CONTACT	DI Dr. Gerhard Löffler - gerhard.loeffler@salzburg.gv.at
WEBSITE	https://www.salzburg.gv.at/themen/energie/energie_foerderung/mikro-fernwaermenetz

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PROGRAMME	<i>Connection to district / local heating of less than 100 kW connected load</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	N/A
SUPPORTED ACTIONS	Connection to network
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	50%
RANGE OF FUNDING PER PROJECT	N/A

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

PROGRAMME	<i>State of Vienna</i>
SUB-PROGRAMME	Renewable Energy
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant

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

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

PROGRAMME	<i>Austria Wirtschaftsservice</i>
SUB-PROGRAMME	Energy & Climate
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee

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	<input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Help smaller and medium-sized companies to introduce an energy management system and build up energy know-how
SUPPORTED ACTIONS	Setting up energy management systems
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	50%
RANGE OF FUNDING PER PROJECT	Up to EUR 50,000
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME

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	<input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Austria</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	Up to 2 years
RESOURCES	N/A
COUNTRY	Austria
MANAGING AUTHORITY	Federal Ministry
CONTACT	Contact person for the programme
WEBSITE	https://www.aws.at/en/aws-energy-climate/

BELGIUM

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

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

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

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

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	raymond.montfort@spw.wallonie.be
WEBSITE	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

PROGRAMME	<i>Aide à l'investissement en matière d'énergies renouvelables (cogénération ou process)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input checked="" type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other: an investment premium and exemption from property tax
OBJECTIVES	Promoting environment protection and renewable & sustainable energy
SUPPORTED ACTIONS	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.
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling

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

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

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

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

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

PROGRAMME	<i>Financial support for the development or implementation of your innovative R & D project</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input checked="" type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	<ul style="list-style-type: none"> • Industrial research • Experimental development • Process or organizational innovation
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal

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

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

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

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

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RESOURCES	EUR 1.5 million
COUNTRY	Belgium
MANAGING AUTHORITY	Brussels-Capital Region (public)
CONTACT	dlittre@innoviris.brussels
WEBSITE	https://innoviris.brussels/fr/innovative-starters-award

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

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

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COUNTRY	Belgium
MANAGING AUTHORITY	Novallia
CONTACT	info@novallia.be
WEBSITE	http://www.novallia.be/reussir-ma-transition-energetique/easygreen-cest-quoi

PROGRAMME	<i>CWALity DE 2019</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input checked="" type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Associate companies and research centers to develop new activities within the first mentioned.
SUPPORTED ACTIONS	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.
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump

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

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COUNTRY	Belgium
MANAGING AUTHORITY	Public Service of Wallonia
CONTACT	cwality.dgo6@spw.wallonie.be
WEBSITE	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

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

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

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

PROGRAMME	<i>Onderzoeksproject (Research project)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Expansion or strengthening of their research and development activities.
SUPPORTED ACTIONS	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.
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal

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

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

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

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

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RESOURCES	N/A
COUNTRY	Belgium
MANAGING AUTHORITY	Omgeving Vlaanderen (public)
CONTACT	attestOenO. Omgeving@vlaanderen.be
WEBSITE	https://www.vlaio.be/nl/subsidies-financiering/subsidedatabank/belastingkrediet-voor-onderzoek-en-ontwikkeling

CYPRUS

PROGRAMME	<i>Grant Scheme for Installation or Replacement of Solar thermal Systems</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	<p>Actions:</p> <ul style="list-style-type: none"> • 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) • 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) <p>Restrictions:</p> <ul style="list-style-type: none"> • 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) • If the hot water cylinder has a capacity of above 150Lt (according to its energy label), it must be at least energy grade C

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

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	<input type="checkbox"/> MSs: <input type="checkbox"/> MSs' region/s: <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.
TIMEFRAME	Until the budget run out
RESOURCES	EUR 300,000
COUNTRY	Cyprus
MANAGING AUTHORITY	Public Authority
CONTACT	Energy Service, Ministry of Energy, Commerce and Industry
WEBSITE	http://www.mcit.gov.cy/mcit/EnergySe.nsf/All/462B2B82CB8C7901C2258363002C7CC1?OpenDocument

PROGRAMME	<i>Support Scheme for installation of High-efficiency Cogeneration Units for Own Power Consumption of up to 5MW</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Support Scheme under the methodology of net-billing
OBJECTIVES	This Support scheme aims to promote high-efficiency electricity and heat generation units
SUPPORTED ACTIONS	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

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	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.
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	<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>
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities

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

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

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	<input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	The purpose is to renovate households to improve energy efficiency thanks to financial aid.
SUPPORTED ACTIONS	<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>
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:

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

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WEBSITE	http://www.mcit.gov.cy/mcit/sit/sit.nsf/32177ee11d0d6003c225816f001d4b05/b8725d5eeeb19230c225819200406dd5?OpenDocument
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PROGRAMME	<i>Sponsorship Plan - Upgrade Homes</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	The purpose is to improve energy use in existing buildings owned by permanent citizens of Cyprus.
SUPPORTED ACTIONS	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.
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions

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



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WEBSITE	http://www.mcit.gov.cy/mcit/sit/sit.nsf/dab57a092c36651fc225816f001d2b7f/ceb345ece6c854afc22581670038aefb?OpenDocument
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DENMARK

PROGRAMME	<i>Tax regulation mechanism</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: State Regulation Mechanism
OBJECTIVES	Heating from renewable sources is exempt from these taxes. Companies producing, processing, possessing, receiving or dispatching renewable energy products are exempt from paying tax.
SUPPORTED ACTIONS	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.
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration

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

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CONTACT	+45 33 92 33 92; skm@skm.dk
WEBSITE	https://www.skm.dk/foreign

PROGRAMME	<i>Financial risk coverage in connection with geothermal drilling</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Financial scheme supported by the state
OBJECTIVES	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.
SUPPORTED ACTIONS	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.

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

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	<input checked="" type="checkbox"/> MSs: <i>Denmark</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2017 - Ongoing
RESOURCES	N/A
COUNTRY	Denmark
MANAGING AUTHORITY	Danish Energy Agency
CONTACT	ens@ens.dk
WEBSITE	https://ens.dk/en

PROGRAMME	<i>“Energiteknologisk Udviklings- og Demonstrationsprogram” (EUDP)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.

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

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	<input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Denmark</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2007 - Ongoing
RESOURCES	The general EUDP pool offers DKK 250 million. kr.
COUNTRY	Denmark
MANAGING AUTHORITY	Danish Energy Agency
CONTACT	ens@ens.dk
WEBSITE	https://ens.dk/en

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

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OBJECTIVES	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.
SUPPORTED ACTIONS	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.
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	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).
RANGE OF FUNDING PER PROJECT	N/A
BENEFICIARIES	<input checked="" type="checkbox"/> university

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	<input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Denmark</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2014 - Ongoing
RESOURCES	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.
COUNTRY	Denmark
MANAGING AUTHORITY	The Danish Green Investment Fund
CONTACT	mzo@gronfond.dk
WEBSITE	https://gronfond.dk/en/om-fonden/

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

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TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Public funded scheme
OBJECTIVES	<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>
SUPPORTED ACTIONS	<p>The initiatives on eco-innovation include three main activities:</p> <ul style="list-style-type: none"> – Development, testing, and demonstration of eco-efficient technology (subsidy scheme) – Environmental cooperation and green exports – Partnerships for eco-innovation <p>The subsidy scheme targets Danish companies (private and public); stakeholders; and institutions working with environmental technology.</p>
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:

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

FINLAND

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

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

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PROGRAMME	<i>Kolarctic</i>
SUB-PROGRAMME	Cross Border Cooperation
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Promote a viable economy and the attractiveness of the region
SUPPORTED ACTIONS	Projects that align with the programme priorities
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: Climate change mitigation
COFINANCING or INTEREST RATE	100%

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

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

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

PROGRAMME	<i>structuralfunds.fi</i>
SUB-PROGRAMME	Low-carbon approach in structural fund projects

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TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Service for authorities and other parties applying to EU funding
SUPPORTED ACTIONS	Financing from the European Regional Development Fund (ERDF) and the European Social Fund (ESF)
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: Renewable energy
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	N/A
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre

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

PROGRAMME	<i>Business Finland</i>
SUB-PROGRAMME	Energy Aid
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan

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

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

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

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	<input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	Projects (consultancy services and investments)
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	100%
RANGE OF FUNDING PER PROJECT	N/A
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up

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

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

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

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

FRANCE

PROGRAMME	<i>Aide pour le développement de l'innovation (Aid for the development of innovation)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input checked="" type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Recoverable advance
OBJECTIVES	Help companies that carry out innovation projects involving industrial research and / or experimental development
SUPPORTED ACTIONS	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.
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions

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

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CONTACT	https://www.bpifrance.fr/Contactez-nous
WEBSITE	https://www.bpifrance.fr/Toutes-nos-solutions/Aides-concours-et-labels/Aides-a-l-innovation-projets-individuels/Aide-pour-le-developpement-de-l-innovation

PROGRAMME	<i>Crédit d'impôt recherche (CIR) (Research tax credit)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Tax credit
OBJECTIVES	Promote R&D
SUPPORTED ACTIONS	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.
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration

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

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CONTACT	ciragement@recherche.gouv.fr
WEBSITE	https://www.service-public.fr/professionnels-entreprises/vosdroits/F23533

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

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

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WEBSITE	https://www.bpifrance.fr/Toutes-nos-solutions/Aides-concours-et-labels/Aides-a-l-innovation-projets-individuels/Bourse-French-Tech
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PROGRAMME	Programme Recherche et Développement (Research and Development Program)
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Repayable aid
OBJECTIVES	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.
SUPPORTED ACTIONS	Development - experimental implementation - action research - prenormative research
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage

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

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MANAGING AUTHORITY	Ademe (public)
CONTACT	https://www.ademe.fr/content/contacter
WEBSITE	https://www.ademe.fr/recherche-innovation/financer-theses-recherche-linnovation/dossier/financer-projet-recherche/systeme-daide-rdi

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

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

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

GERMANY¹

PROGRAMME	<i>Wärmenetzsysteme 4.0 (Heating network systems 4.0)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	N/A
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: Overall system with high share of renewable energy (>50%).

¹ Data provided by Upgrade DH project (grant agreement No 785014)

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COFINANCING or INTEREST RATE	<p>Module 1 – Feasibility max. 60 %</p> <p>Module 2 – Realisation max. 50 %</p> <p>Module 3 – Customer Information max. 80 %</p> <p>Module 4 – Capacity building NA</p>
RANGE OF FUNDING PER PROJECT	<p>Module 1 – Feasibility max. EUR 600,000</p> <p>Module 2 – Realisation max. EUR 15,000,000</p> <p>Module 3 – Customer Information max. EUR 200,000</p> <p>Module 4 – Capacity building max. EUR 1,000,000</p>
BENEFICIARIES	<p><input checked="" type="checkbox"/> university</p> <p><input checked="" 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 checked="" type="checkbox"/> NGO</p> <p><input type="checkbox"/> Other:</p>
TARGET AREA	<p><input type="checkbox"/> European Union</p> <p><input checked="" type="checkbox"/> MSs: <i>Germany</i></p> <p><input type="checkbox"/> MSs' region/s:</p> <p><input type="checkbox"/> Other:</p>
TIMEFRAME	N/A
RESOURCES	N/A

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

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

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

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

PROGRAMME	<i>Kraft-Wärme-Kopplungsgesetz (KWKG)</i>
SUB-PROGRAMME	<i>KWK Zuschlag für Wärme/ Kälte Speicher</i>
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	<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>
SUPPORTED ACTIONS	Approved storages 2009 -2018 (link)
TEHNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:

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

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

PROGRAMME	<i>Kraft-Wärme-Kopplungsgesetz (KWKG)</i>
SUB-PROGRAMME	<i>Wärme- und Kältenetze</i>
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	Approved storages 2009 -2018 (link)
TEHNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal

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	<input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: DHC networks
COFINANCING or INTEREST RATE	<p>Average pipeline diameter \leq 100 mm: 100 Euro/m_{pipeline} and max. 40 % of eligible investment costs</p> <p>Average pipeline diameter $>$ 100 mm: max. 30 % of eligible investment costs</p>
RANGE OF FUNDING PER PROJECT	In total max. 20,000,000 € per project
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <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)
TARGET AREA	<input type="checkbox"/> European Union

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

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

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

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

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

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

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European Technology and Innovation Platform on Renewable Heating and Cooling

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

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

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

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

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

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

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

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

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

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

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

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

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	<input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: Germany <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2 years
RESOURCES	N/A
COUNTRY	Germany
MANAGING AUTHORITY	AiF
CONTACT	Viktorija Cvetković
WEBSITE	https://www.aif.de/english/cornet/about-cornet.html

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

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

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

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

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

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	<input type="checkbox"/> MSs' region/s: <input checked="" type="checkbox"/> Other: North and South America
TIMEFRAME	N/A
RESOURCES	EUR 1.1 billion
COUNTRY	Germany
MANAGING AUTHORITY	Commerzbank
CONTACT	N/A
WEBSITE	https://www.commerzbank.de/en/nachhaltigkeit/markt_kunden/mittelstand/green_bonds/greenbonds.html

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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	<input checked="" type="checkbox"/> Other: Repayment bonus
OBJECTIVES	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.
SUPPORTED ACTIONS	N/A
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal (programme 272) <input checked="" type="checkbox"/> solar thermal (> 40 m ²) <input checked="" type="checkbox"/> biomass (> 100 kW) <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump (>100 kW _{th}) <input checked="" type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: Biomass-fired CHP, pipelines for crude biogas
COFINANCING or INTEREST RATE	<p>Solar thermal (supply heat grid) – 40 % of the eligible costs or 0,45 €/kWh</p> <p>Bio Mass – 20 €/kW_{th} basic - (+ 20 €/kW_{th} for low dust emissions; + 10 €/kW_{th} for buffer storage;) or 40 €/kW_{th} for Biomass CHP)</p> <p>Heat pump – 80 €/kW_{th} (+ Drilling <400 m – 4€/m; >400 m – 6€/m)</p> <p>Geothermal - 200 €/kW_{th} (+ Drilling depends on depth 375-750 €/m) or for CHP $\left(1 - \frac{P}{Q}\right) * 200 \text{ €/kWh}_{th}$</p>

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	<p>DH Grid (feed with renewables) – 60 €/m_{Trace} additional House-Substations – 1,800 €/ per station</p> <p>Big heat storage (>10m³, predominant feed with renewables) – 250 €/m³</p>
RANGE OF FUNDING PER PROJECT	<p>Up to 100% of the eligible costs - max. credit amount 25,000,000 €</p> <p>If deep geothermal energy is used, a maximum of 80% of the eligible net investment costs will be co-financed.</p> <p>Solar thermal - NA</p> <p>Bio Mass – max. 50,000 € basic, or 100- 2,000 kW_{th} for Biomass CHP= 4.000-80.000 €</p> <p>Heat pump – min. 10,000 € - max. 100,000 €</p> <p>Geothermal - max. 2,000,000 € (additional variable max. € for Drilling) for CHP max. 1,000,000 €</p> <p>DH Grid (feed with renewables) –1,000,000 € (up to 1,5 Mio. € in combination with deep geothermal source)</p> <p>Big heat storage – up to 30% of the eligible cots and a max. of 1,000,000 €</p>
BENEFICIARIES	<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>

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

IRELAND

PROGRAMME	Support Scheme Renewable Heat (SSRH)
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	<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"> – Bridge the gap between the installation and operating costs of renewable heating systems and the conventional fossil fuel alternatives; and – Incentivise the development and supply of renewable heat. <p>The Scheme will support</p>

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	<ul style="list-style-type: none"> - An installation grant - On-going operational support
SUPPORTED ACTIONS	<p>Applicants must be able to demonstrate that:</p> <ul style="list-style-type: none"> - Proposed heat use is eligible and adheres to verified energy efficiency criteria - 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 - Designers and Installers are competent to carry out works - Recipients of payments meet tax clearance requirements <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"> - Air source heat pumps - Ground source heat pumps - Water source heat pumps.
TEHCNOLOGIES COVERED	<ul style="list-style-type: none"> <input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions

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	<input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	<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"> – Biomass boiler or biomass HE CHP heating systems – Biogas (anaerobic digestion) boiler or biogas HE CHP heating systems <p>The Tariff will be made available to successful applicants for a period of up to 15 years.</p>
RANGE OF FUNDING PER PROJECT	Depends on variable factors
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <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
TARGET AREA	<input type="checkbox"/> European Union

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	<input checked="" type="checkbox"/> MSs: <i>Ireland</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	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.
RESOURCES	EUR 300 million
COUNTRY	Ireland
MANAGING AUTHORITY	Public - Sustainable Energy Authority of Ireland
CONTACT	Queries should be addressed to: SSRH@SEAI.ie Phone: 01 2484982
WEBSITE	https://www.seai.ie/business-and-public-sector/business-grants-and-supports/support-scheme-renewable-heat/

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

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	<p><input checked="" type="checkbox"/> Other: The Accelerated Capital Allowance (ACA) is a tax incentive scheme that promotes investment in energy efficient products & equipment</p>
OBJECTIVES	<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>
SUPPORTED ACTIONS	<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>
TEHNOLOGIES COVERED	<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 checked="" type="checkbox"/> Cogeneration</p> <p><input checked="" type="checkbox"/> Integrated solutions</p>

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	<input checked="" type="checkbox"/> Other: Wind Turbines; Power Management etc (Triple E equipment and systems are listed under 10 broad categories and 52 associated technologies - https://www.seai.ie/business-and-public-sector/triple-e-register-for-products/categories-and-criteria/)
COFINANCING or INTEREST RATE	<p>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. https://www.seai.ie/business-and-public-sector/triple-e-register-for-products/categories-and-criteria/</p>
RANGE OF FUNDING PER PROJECT	EUR 1,000 - €5,000
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Sole traders, and farmers that operate and pay corporation tax in Ireland
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Ireland</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:

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TIMEFRAME	Ongoing
RESOURCES	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€)
COUNTRY	Ireland
MANAGING AUTHORITY	Public - Sustainable Energy Authority of Ireland
CONTACT	Email triplee@seai.ie / Call 01 808 2100
WEBSITE	https://www.seai.ie/business-and-public-sector/business-grants-and-supports/accelerated-capital-allowance/

PROGRAMME	<i>Better Energy Communities 2020 (SEAI Community Grant)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.

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<p>SUPPORTED ACTIONS</p>	<p>The SEAI Community Grant supports energy efficiency community projects through capital funding, partnerships, and technical support.</p> <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>
<p>TEHNOLOGIES COVERED</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: Energy efficiency community projects
<p>COFINANCING or INTEREST RATE</p>	<p>BEC 2020 funding levels Residential:</p> <ul style="list-style-type: none"> – Private - Fuel Poor - Up to 80% – Private - Non-Fuel Poor -Up to 35% – Local Authority - Up to 35% – Housing Association - Up to 50% <p>BEC 2020 funding levels – Non-residential:</p> <ul style="list-style-type: none"> – Not-for-profit/community – Up to 50%

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	<ul style="list-style-type: none"> – Private and public sector – Up to 30% – Public sector (exemplar) > 30% ≤ 50%
RANGE OF FUNDING PER PROJECT	Variable depending on technology and scope
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Ireland</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	Ongoing/yearly (The deadline for applications to the Community Grants 2020 programme was 1pm on the 31st of January 2020).
RESOURCES	Up to EUR 20 million for 2020, funding of EUR 25.3 million for 2019
COUNTRY	Ireland
MANAGING AUTHORITY	Public - Sustainable Energy Authority of Ireland
CONTACT	Email bec@seai.ie / Call 01 808 2162

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WEBSITE	https://www.seai.ie/grants/community-grants/
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PROGRAMME	<i>Home Energy Grants</i>
SUB-PROGRAMME	Heat Pumps
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	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.
TEHCHNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration

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	<input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	<p>Heat pump system grant values:</p> <ul style="list-style-type: none"> – Air to Water €3,500 – Ground Source to Water €3,500 – Exhaust Air to Water €3,500 – Water to Water €3,500 – Air to Air €600 <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>
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company

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

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

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OBJECTIVES	<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. https://www.seai.ie/grants/supports-for-contractors/</p>
SUPPORTED ACTIONS	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.
TEHNOLOGIES COVERED	<input type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	€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.
BENEFICIARIES	<input type="checkbox"/> university

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

ITALY

PROGRAMME	<i>Conto termico (Thermal account)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	<ul style="list-style-type: none"> • Substitution of an existing installation with a heat pump • Substitution of an existing installation with a biomass boiler • New installation solar thermal heating and cooling system
TEHNOLOGIES COVERED	<input type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions

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	<input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	Maximum reimbursement per installation is of 400.000€ per activity. Co-financing rate of 40%
RANGE OF FUNDING PER PROJECT	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 Guidelines , where a maximum cost per area, according to the type of intervention, is also identified.
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Individuals, ESCOs
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Italy</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2016- ongoing
RESOURCES	EUR 900 million (EUR 200 million for public authorities)
COUNTRY	Italy

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MANAGING AUTHORITY	GSE (Gestore Servizi Energetici)
CONTACT	N/A
WEBSITE	https://www.gse.it/servizi-per-te/efficienza-energetica/conto-termico

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

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

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COUNTRY	Italy
MANAGING AUTHORITY	Invitalia
CONTACT	N/A
WEBSITE	https://www.invitalia.it/cosa-facciamo/rafforziamo-le-imprese/fnee

PROGRAMME	Programma Operativo Nazionale (PON) Ricerca e Innovazione 2014-2020 <i>(National Operational Plan for Research and Innovation (2014-2020))</i>
SUB-PROGRAMME	Energy
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	<ul style="list-style-type: none"> • Area 1 - Actions for human capital • Area 2 - Thematic projects (innovative demonstrators; clusters; innolabs) • Area 3 - Technical support

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

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

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

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

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

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

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

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

LUXEMBOURG

PROGRAMME	<i>Industrial fellowships</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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
SUPPORTED ACTIONS	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
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions

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	<input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	Cofinancing or interest rate (depending on the type of instrument) applied in the programme
RANGE OF FUNDING PER PROJECT	EUR 46,258 – 65,315/year
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Luxembourg</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	1-4 years
RESOURCES	N/A
COUNTRY	Luxembourg
MANAGING AUTHORITY	FNR (public)

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CONTACT	jill.mousel@fnr.lu
WEBSITE	https://www.fnr.lu/funding-instruments/industrial-fellowships/

PROGRAMME	<i>Aide pour des projets de recherche et développement (R&D) (Aid for research and development projects)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	N/A
SUPPORTED ACTIONS	<ul style="list-style-type: none"> • Experimental development • Fundamental research • Industrial research
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration

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	<input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	25%-80%
BENEFICIARIES	<input type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Luxembourg</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	N/A
COUNTRY	Luxembourg
MANAGING AUTHORITY	Ministère de l'Economie (public)

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CONTACT	pascal.fabing@luxinnovation.lu loi.rdi@eco.etat.lu
WEBSITE	http://www.innovation.public.lu/en/financer/competitivite/grants/meco-projets-programmes-rd/index.html

PROGRAMME	<i>Direct loan for Research, Development and Innovation</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input checked="" type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Encourage and help innovative small and medium-sized enterprises (SMEs)
SUPPORTED ACTIONS	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
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage

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	<input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	Max. 40% (Max. EUR 250,000)
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Luxembourg</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	10 years
RESOURCES	N/A
COUNTRY	Luxembourg

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MANAGING AUTHORITY	Société Nationale de Crédit et d'Investissement (SNCI) (public)
CONTACT	snci@snci.lu
WEBSITE	http://www.innovation.public.lu/en/financer/competitivite/loans/snci-pret-direct-rdi/index.html

PROGRAMME	<i>Loan for innovative enterprises</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input checked="" type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Encourage and help young and innovative small and medium-sized enterprises (SMEs).
SUPPORTED ACTIONS	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.
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass

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	<input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	EUR 1,500,000 without exceeding 35% of eligible costs
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Luxembourg</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:

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TIMEFRAME	N/A
RESOURCES	N/A
COUNTRY	Luxembourg
MANAGING AUTHORITY	Société Nationale de Crédit et d'Investissement (SNCI) (public)
CONTACT	snci@snci.lu
WEBSITE	http://www.innovation.public.lu/en/financer/competitivite/loans/snci-pret-entreprises-novatrices/index.html

NETHERLANDS

PROGRAMME	<i>TKI Urban Energy</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Innovation programme in heating and cooling
SUPPORTED ACTIONS	Support for innovative projects in heat pumps, thermal storage (small- and large-scale) and low and medium heat district heating.
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:

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COFINANCING or INTEREST RATE	Cofinancing or interest rate (depending on the type of instrument) applied in the programme
RANGE OF FUNDING PER PROJECT	N/A
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: depends on the project team
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: the Netherlands <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	N/A
COUNTRY	The Netherlands
MANAGING AUTHORITY	Topsector Energie (programme of the Dutch government, consortium of companies and public research institutes)
CONTACT	030-747 00 27 E-mail: info@tki-urbanenergy.nl

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WEBSITE	https://www.topsectorenergie.nl/tki-urban-energy (EN and DT)
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PROGRAMME	<i>Mission-driven Research, Development and Innovation subsidy scheme (MOOI)</i>
SUB-PROGRAMME	'Gebouwde omgeving'/'Built environment'
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Reduce the costs of getting to a natural gas-free built environment (at least 20% lower) and improve the reliability of the energy system
SUPPORTED ACTIONS	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
TEHNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions

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	<input checked="" type="checkbox"/> Other: heating and cooling and electricity solutions in general
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	Up to 65% of the total cost
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company (at least 3 companies have to be involved) <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: the Netherlands <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	EUR 27 million
COUNTRY	The Netherlands
MANAGING AUTHORITY	Public authority
CONTACT	+31 70 379 80 00, governmental contact form

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WEBSITE	https://www.rvo.nl/subsidie-en-financieringswijzer/mooi/mooi-gebouwde-omgeving (DT)
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PROGRAMME	<i>Stimulation of Sustainable Energy Production SDE+</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	Financial compensation for generated renewable energy, in producing electricity, heat, etc..
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions

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	<input checked="" type="checkbox"/> Other: water, wind
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	Based on the base energy price
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other: depends on the project team
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: the Netherlands <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	From 12 to 15 years
RESOURCES	Around €5 billion
COUNTRY	The Netherlands
MANAGING AUTHORITY	Public authority – Minister of Economic affairs and climate policy
CONTACT	Governmental office +31 70 379 80 00
WEBSITE	https://english.rvo.nl/subsidies-programmes/sde

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PROGRAMME	<i>Marktintroductie energie-innovaties glastuinbouw/Market introduction of energy innovations (MEI)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Supports investments in sustainable energy system and innovations to reduce greenhouse gas emissions. Limited to horticulture sector.
SUPPORTED ACTIONS	Financing construction, improvement of immovable property, purchase of new machines, patents or permits, and reimbursement of 40% for SME who invest in renewable energy.
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: ocean, wind, biogas

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COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	Between €125,000 and €1,5 million
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: horticulture companies, SME or large ones
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: the Netherlands, horticulture sector <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	3 years
RESOURCES	Around €5 million
COUNTRY	The Netherlands
MANAGING AUTHORITY	Public authority – Minister of Agriculture, Nature and Food Quality; also commissioned by the European Commission
CONTACT	Governmental office +31 70 379 80 00
WEBSITE	https://www.rvo.nl/subsidie-en-financieringswijzer/marktintroductie-energie-innovaties-mei

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PROGRAMME	<i>Risico's dekken voor aardwarmte/Cover risks for geothermal energy</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: insurance subsidy/reimbursement
OBJECTIVES	Offer financial support for geothermal heat projects by compensating companies in case a drilling in a geothermal heat project is disappointing.
SUPPORTED ACTIONS	Geothermal heat projects stimulation, promoting geothermal energy
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A

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RANGE OF FUNDING PER PROJECT	On regular projects: maximum of €11.05 million, on “deep” projects : maximum €18.7 million
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: the Netherlands <input type="checkbox"/> MSs’ region/s: <input type="checkbox"/> Other:
TIMEFRAME	At least 1 year, depends on each drilling and drillings’ results/reports
RESOURCES	€66.6 million
COUNTRY	The Netherlands
MANAGING AUTHORITY	Ministry of Economic affairs and climate
CONTACT	Governmental office +31 70 379 80 00
WEBSITE	https://www.rvo.nl/subsidie-en-financieringswijzer/risicos-dekken-voor-aardwarmte-2019

PROGRAMME	<i>Investeringssubsidie duurzame energie/Sustainable energy investment subsidy (ISDE)</i>
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SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Encourage households and businesses in the Netherlands to use more sustainable sources of heat, and contribute to the reduction of CO ₂ emissions.
SUPPORTED ACTIONS	Offer an allowance for the purchase of solar boilers and heat pumps, either for individuals or businesses.
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: solar boilers
COFINANCING or INTEREST RATE	N/A

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RANGE OF FUNDING PER PROJECT	Funding depends on the device purchased, between €500 and €2,500
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: provinces, associations, commercial landlords
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: the Netherlands <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	Application within 6 months of the purchase in order to obtain the subsidy
RESOURCES	€100 million
COUNTRY	The Netherlands
MANAGING AUTHORITY	Dutch government
CONTACT	Governmental office +31 70 379 80 00
WEBSITE	https://www.rvo.nl/subsidie-en-financieringswijzer/isde

PORTUGAL

PROGRAMME	<ul style="list-style-type: none"> • Programa Casa Eficiente (Efficient Home) • Programa Solar em Edifícios (Solar Buildings) <p>Included in the new 2020 state budget of the government of Portugal</p>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	<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</p>

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	other services (eg, vehicle loading) , in partnership with the municipalities.
SUPPORTED ACTIONS	N/A
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: buildings
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	N/A
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO

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	<input checked="" type="checkbox"/> Other: Residential buildings
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: Portugal <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	EUR 200 million
COUNTRY	Portugal
MANAGING AUTHORITY	Portuguese government
CONTACT	N/A
WEBSITE	https://casaeficiente2020.pt/sobre-o-programa/

PROGRAMME	<i>R&D project: Investigação Científica e Desenvolvimento Tecnológico (IC&DT)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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

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SUPPORTED ACTIONS	Financing science projects in all areas
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: science and technology in general
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	Maximum EUR 250,000
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: private companies' R&D units

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TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: Portugal <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	36 months
RESOURCES	EUR 75 million
COUNTRY	Portugal
MANAGING AUTHORITY	Fundação para a Ciência e a Tecnologia (FCT), national funding agency
CONTACT	Concursosprojetos@fct.pt
WEBSITE	https://www.fct.pt/apoios/projectos/concursos/ICDT/index.phtml.en

PROGRAMME	<i>Valorizar 2020 – III – Eficiência energética nas empresas (Energy efficiency in companies)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Encourage energy efficiency and the use of renewable energy in companies, support their implementation, support energy efficiency measures and projects
SUPPORTED ACTIONS	Project grant for companies supporting renewable energy and energy efficiency

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TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	No
RANGE OF FUNDING PER PROJECT	Maximum EUR 20,000 per project
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:

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TARGET AREA	<input type="checkbox"/> European Union <input type="checkbox"/> MSs: <input checked="" type="checkbox"/> MSs' region/s: Portugal, autonomous region of Madeira <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	EUR 2,485,882.35 total, 85% from FEDER, 15% from the region
COUNTRY	Portugal
MANAGING AUTHORITY	Madeira Management Authority
CONTACT	Regional development institute idr@madeira.gov.pt ; + 351 291 214 000
WEBSITE	https://www.portugal2020.pt/tem-uma-ideia?at=15

PROGRAMME	Reabilitação nos Bairros Sociais (Rehabilitation in social neighborhoods)
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Renovate housing and public buildings, reduce energy poverty and improve energy efficiency
SUPPORTED ACTIONS	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

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

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TARGET AREA	<input type="checkbox"/> European Union <input type="checkbox"/> MSs: <input checked="" type="checkbox"/> MSs' region/s: Lisboa area <input type="checkbox"/> Other:
TIMEFRAME	24 months
RESOURCES	EUR 20 million (FEDER)
COUNTRY	Portugal
MANAGING AUTHORITY	Autoridade de Gestão do LISBOA 2020
CONTACT	Lisboa 2020 program office : lisboa2020@ccdr-lvt.pt
WEBSITE	https://www.portugal2020.pt/tem-uma-ideia?at=15

ROMANIA

PROGRAMME	<p>Support scheme for less exploited energy sources</p> <p><i>(Schema de ajutor de stat avand ca obiectiv sprijinirea investitiilor destinate promovarii productiei de energie din surse regenerabile mai putin exploatare, respectiv biomasa, biogaz, energie geotermala)</i></p>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Support scheme
OBJECTIVES	<p>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).</p>
SUPPORTED ACTIONS	<p>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</p>
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling

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	<input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: biogas
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	<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>
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO

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	<input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Romanian regions</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	From 2017 until 2023
RESOURCES	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.
COUNTRY	Romania
MANAGING AUTHORITY	Ministry of Regional Development and Public Administration (art. 13 Government Decision no. 216/2017, public authority)
CONTACT	Ministry of Regional Development and Public Administration, info@mdrap.ro
WEBSITE	https://www.mdrap.ro/

PROGRAMME	<i>Subsidy Measure 4 "Investments in physical assets"</i>
SUB-PROGRAMME	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>
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity

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	<input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	N/A
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: biogas
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	The subsidy is to a certain percent (30 to 50%) irredeemable. The percentage depends on the size of the farm or the project.
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up

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	<input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Farmers and agricultural cooperatives
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Romanian regions</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	The National Rural Development Programme's new financing period operates from 2014 to 2020
RESOURCES	The maximum eligible sum is EUR 2 million for sub-measure 4.1 and is EUR 2.5 million for sub-measure 4.2
COUNTRY	Romania
MANAGING AUTHORITY	Ministry of Regional Development and Public Administration (art. 13 Government Decision no. 216/2017, public authority)
CONTACT	Romanian Ministry of Agriculture and Rural Development, feadr@madr.ro
WEBSITE	https://www.madr.ro/

PROGRAMME	<i>The national programme for installation of heating systems using renewable energy, including the replacement or completion of the old heating systems</i>
SUB-PROGRAMME	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).
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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.
SUPPORTED ACTIONS	N/A
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: Aerothermal, hydrothermal energy

COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	The sum allocated for each session will be distributed among the Romanian counties according to their population number.
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: physical persons, citizens of Romania
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Romanian counties</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	The National Rural Development Programme's new financing period operates from 2014 to 2020
RESOURCES	The budget for the 2016 session is 80 million RON (approx. EUR 18 million) (Art. 3. par 3 Annex Order No. 1817/2016).
COUNTRY	Romania
MANAGING AUTHORITY	AFM – National Administration of the Environmental Fund
CONTACT	+4 021 319 48 49, afm@afm.ro



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WEBSITE	https://www.afm.ro/
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SLOVAKIA

PROGRAMME	<i>OP Kvalita životného prostredia (Quality of environment)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	This programme contains 5 investment priorities aimed at transition to a low-carbon economy by using renewable energy sources and improving energy efficiency
SUPPORTED ACTIONS	<ul style="list-style-type: none"> • Construction of biomass devices through reconstruction and modernization of existing energy devices with max. heat input of 20 MW based on fossil fuels • Use of aerothermal, hydrothermal or geothermal energy using a heat pump • Use of geothermal energy by direct use for heat production and possibly also in combination with a heat pump • Installation of small RES for heat productions such as solar collectors, biomass boilers, heat pumps, etc. • Modernisation of heating / air-conditioning systems, hot water preparation systems to reduce energy consumption • Installation of new heat distribution systems • Reconstruction and modernisation of existing heat distribution systems

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	<ul style="list-style-type: none"> • Installation of new high-efficiency cogeneration devices with a maximum heat input of 20MW • Reconstruction and modernisation of existing high-efficiency cogeneration devices with a maximum heat input of 20MW
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	National co-financing of selected projects (public and private) on average 20%
RANGE OF FUNDING PER PROJECT	N/A
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company

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	<input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Slovakia</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2014 – 2020
RESOURCES	EUR 940 million
COUNTRY	Slovakia
MANAGING AUTHORITY	Ministry of Environment of the Slovak Republic
CONTACT	https://www.op-kzp.sk/
WEBSITE	https://www.op-kzp.sk/en/

PROGRAMME	<i>OP Kvalita životného prostredia (Quality of environment)</i>
SUB-PROGRAMME	Zelená domácnostiam (Green light to households II)
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	The aim is to increase the share of RES utilization in households and related reduction of greenhouse gas emissions

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SUPPORTED ACTIONS	<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"> • Small electricity generating installations (with an output of less than 10 kW): photovoltaic panels and wind turbines; • Heat generating installations that cover energy consumption in a family or apartment house: solar collectors, biomass boilers and heat pumps.
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	Support shall not exceed 50% of the eligible cost
RANGE OF FUNDING PER PROJECT	<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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BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: natural persons – home owners
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Slovakia</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2019 – 2023
RESOURCES	EUR 48 million
COUNTRY	Slovakia
MANAGING AUTHORITY	The Slovak Innovation and Energy Agency
CONTACT	https://zelenadomacnostiam.sk/sk/pracoviska-siea/
WEBSITE	http://zelenadomacnostiam.sk/sk/

PROGRAMME	<i>Environmentálny fond (Environmental fund)</i>
SUB-PROGRAMME	N/A

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TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input checked="" type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	Promoting the production of heat, hot water and electricity through exploitation of RES
SUPPORTED ACTIONS	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
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	0.1% interest rate for loan Up to 95% co-financing for grant
RANGE OF FUNDING PER PROJECT	Max. EUR 200,000

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BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: Slovakia <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2014 – 2020
RESOURCES	EUR 200 million
COUNTRY	Slovakia
MANAGING AUTHORITY	Ministry of Environment of the Slovak Republic
CONTACT	http://www.envirofond.sk/sk/kontakt
WEBSITE	http://www.envirofond.sk

SPAIN

PROGRAMME	<i>Programme for Large Thermal Plants (GIT) - GEOTCASA Programme</i>
SUB-PROGRAMME	Financing of pre-qualified companies for Large Thermal Installations in buildings, based on renewable sources
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Funding programme
OBJECTIVES	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).
SUPPORTED ACTIONS	N/A
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions

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	<input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	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.
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Spain</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	N/A
RESOURCES	To launch the programme, the IDAE has contributed a budget of EUR 17 million for the financing of the projects presented by the ESCOs (Energy Service Companies) pre-qualified to execute large projects that meet the requirements of the Programme.

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COUNTRY	Spain
MANAGING AUTHORITY	Ministry for the Ecological Transition
CONTACT	Ministry for the Ecological Transition, informacionma@miteco.es
WEBSITE	https://www.idae.es/en/ahorra-energia/renovables-de-uso-domestico/git-programme

PROGRAMME	<i>PAREER - CRECE Programme</i>
SUB-PROGRAMME	Aid Program for actions of energy rehabilitation of existing buildings (PAREER II)
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Financial programme
OBJECTIVES	Energy rehabilitation of existing buildings
SUPPORTED ACTIONS	<p>Typology of actions subject of aid: those which allow for a reduction in emissions of CO₂ and final energy consumption by one or more of the following types:</p> <ul style="list-style-type: none"> – Improvement of the energy efficiency of the thermal envelope – Improvement of the energy efficiency of thermal and lighting installations – Replacing conventional energy with solar thermal energy – Replacing conventional energy with geothermal energy

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

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	<p>a) The owners of existing buildings intended for any use, provided they have legal personality of a private or public nature.</p> <p>b) The communities of owners or groups of communities of owners of residential buildings for residential use, constituted as Horizontal Property.</p> <p>c) Owners who collectively own buildings and have not granted the title constituting horizontal property.</p>
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Spain</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2014-2020
RESOURCES	EUR 204,000,000 originating in the National Energy Efficiency Fund
COUNTRY	Spain
MANAGING AUTHORITY	Service Centre for Energy Efficiency and Renewable Energy (SICER)
CONTACT	ciudadano@idae.es
WEBSITE	https://www.idae.es/en/node/12955

SWEDEN

PROGRAMME	<i>Klimatklivet</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	<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: https://wibax.com/en/klimatklivet-ett-stod-till-lokala-och-regionala-klimatsatsningar/</p>
SUPPORTED ACTIONS	<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>
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage

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	<input checked="" type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	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.
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Sweden</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2017 - Ongoing
RESOURCES	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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COUNTRY	Sweden
MANAGING AUTHORITY	Public: Swedish Environmental Protection Agency
CONTACT	kundtjanst@naturvardsverket.se
WEBSITE	https://www.naturvardsverket.se/Stod-i-miljoarbetet/Bidrag/Klimatklivet/For-dig-som-vill-soka-stod/

PROGRAMME	ROT-avdrag
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Tax rebate
OBJECTIVES	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.
SUPPORTED ACTIONS	<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>
TEHCNOLOGIES COVERED	<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>
COFINANCING or INTEREST RATE	<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>
RANGE OF FUNDING PER PROJECT	<p>Highly variable</p>

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BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Private individuals
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Sweden</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	Ongoing
RESOURCES	Highly variable depending on applications
COUNTRY	Sweden
MANAGING AUTHORITY	Public - Skatteverket
CONTACT	Online form or tel.: 0771-567567
WEBSITE	www.skatterverket.se

UK

PROGRAMME	<i>Domestic Renewable Heat Incentive (RHI)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input checked="" type="checkbox"/> Other: Financial incentive
OBJECTIVES	<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: https://www.ofgem.gov.uk/environmental-programmes/domestic-rhi/about-domestic-rhi/case-studies</p>
SUPPORTED ACTIONS	Funds towards renewable heating costs in homes
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass

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	<input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	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 HERE
RANGE OF FUNDING PER PROJECT	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.
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Open to anyone living in England, Scotland or Wales. Conditions: <ol style="list-style-type: none"> 1. own your home 2. be a private or social landlord

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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>
TARGET AREA	<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>
TIMEFRAME	April 2014 - 31 March 2021
RESOURCES	Depends on the year (e.g. EUR 17 million for 2018)
COUNTRY	United Kingdom
MANAGING AUTHORITY	Public: Ofgem
CONTACT	DomesticRHI@ofgem.gov.uk
WEBSITE	https://www.ofgem.gov.uk/environmental-programmes/domestic-rhi

PROGRAMME	<i>The Green Deal</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<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>

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<p>OBJECTIVES</p>	<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>
<p>SUPPORTED ACTIONS</p>	<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>
<p>TEHNOLOGIES COVERED</p>	<ul style="list-style-type: none"> <input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions

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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.
COFINANCING or INTEREST RATE	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.
RANGE OF FUNDING PER PROJECT	Highly varied depending on technology used, assessment of dwelling, loan repayment calculation.
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Home owners
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>The UK</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	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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RESOURCES	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.
COUNTRY	United Kingdom
MANAGING AUTHORITY	The original Green Deal scheme was government-funded. Now the Green Deal Finance Company (GDFC) is backed by private investors.
CONTACT	<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>
WEBSITE	https://www.gov.uk/green-deal-energy-saving-measures

PROGRAMME	<i>Energy Entrepreneurs Fund (EEF)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee

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	<input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	<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>
SUPPORTED ACTIONS	<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"> • the potential impact of the innovation on 2050 low carbon targets or security of energy supply • the technical viability of their innovation and a coherent development plan that will commercially progress the innovation • value for money, including cost reduction potential • the size and nature of the business opportunity
TEHCNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage

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	<input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <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.
COFINANCING or INTEREST RATE	<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>
RANGE OF FUNDING PER PROJECT	<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>
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <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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	including start-ups. Those companies that are selected will receive additional funding for incubation support.
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>The UK</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2012 - ongoing
RESOURCES	£75 million of grant money in over 130 companies since 2012
COUNTRY	United Kingdom
MANAGING AUTHORITY	Public - Department for Business, Energy & Industrial Strategy
CONTACT	entrepreneur@beis.gov.uk
WEBSITE	https://www.gov.uk/government/publications/energy-entrepreneurs-fund-phase-7

PROGRAMME	<i>Electrification of Heat Demonstration Project</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:

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OBJECTIVES	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.
SUPPORTED ACTIONS	This project looks to demonstrate the feasibility of a large-scale roll-out of heat pumps in a representative range of British homes.
TEHCNOLOGIES COVERED	<input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <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.
COFINANCING or INTEREST RATE	Finance of 100% (project will install free heat pumps and energy efficiency upgrades (where appropriate))
RANGE OF FUNDING PER PROJECT	N/A
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre

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	<input type="checkbox"/> public authorities <input type="checkbox"/> start-up <input type="checkbox"/> SME <input type="checkbox"/> mid-cap company <input type="checkbox"/> large company <input type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: Members of the public
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>Great Britain</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2019 - ongoing
RESOURCES	Approximately £16.5 million
COUNTRY	United Kingdom
MANAGING AUTHORITY	Public - Department for Business, Energy & Industrial Strategy
CONTACT	heatpumpdemo@beis.gov.uk
WEBSITE	https://www.gov.uk/guidance/electrification-of-heat-demonstration-project

PROGRAMME	<i>Low-Carbon Heating Technology Innovation Fund (LCHTIF)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan

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	<input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	<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>
SUPPORTED ACTIONS	<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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TEHNOLOGIES COVERED	<input type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <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.
COFINANCING or INTEREST RATE	Companies can apply for up to £2 million and will be required to provide a significant level of matched funding
RANGE OF FUNDING PER PROJECT	Up to £2 million
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO

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	<input type="checkbox"/> Other:
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>The UK</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	2017 – onward (a 2nd funding cycle may become available)
RESOURCES	£8.49m were offered
COUNTRY	United Kingdom
MANAGING AUTHORITY	Public - Department for Business, Energy & Industrial Strategy
CONTACT	BuiltEnvironmentInnovation@beis.gov.uk
WEBSITE	https://www.gov.uk/government/publications/low-carbon-heating-technology-innovation-grant-scheme

PROGRAMME	<i>Heat Networks Investment Project (HNIP)</i>
SUB-PROGRAMME	N/A
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input checked="" type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	The Heat Networks Investment Project (HNIP) is a government funding programme that aims to:

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	<ol style="list-style-type: none"> 1. increase the number of heat networks being built 2. deliver carbon savings 3. help create the conditions necessary for a sustainable heat network market to develop
SUPPORTED ACTIONS	<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 CO₂ 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>
TEHNOLOGIES COVERED	<ul style="list-style-type: none"> <input type="checkbox"/> geothermal <input type="checkbox"/> solar thermal <input type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input type="checkbox"/> Heat pump <input type="checkbox"/> Thermal energy storage <input type="checkbox"/> Cogeneration <input type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	<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"> 1. Any HNIP award per project must be within the following limits: <ol style="list-style-type: none"> a) Grants between £ 0 and £5 million;

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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>
RANGE OF FUNDING PER PROJECT	Dependent on Cofinancing
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME

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	<input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <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.
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <input checked="" type="checkbox"/> MSs' region/s: England, Wales <input type="checkbox"/> Other:
TIMEFRAME	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
RESOURCES	£320 million
COUNTRY	United Kingdom
MANAGING AUTHORITY	Public - Department for Business, Energy & Industrial Strategy
CONTACT	enquiries@tp-heatnetworks.org
WEBSITE	https://www.gov.uk/government/publications/heat-networks-investment-project-hnip

PROGRAMME	<i>EPSRC - Decarbonising Heating and Cooling</i>
SUB-PROGRAMME	Standard grant/Network plus grant

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TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	<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>
SUPPORTED ACTIONS	<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>
TEHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump

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	<input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input checked="" type="checkbox"/> Other: A wide range of potential solutions that can fit the goals of the call
COFINANCING or INTEREST RATE	N/A
RANGE OF FUNDING PER PROJECT	Between £500K and £2M of funding
BENEFICIARIES	<input type="checkbox"/> university <input type="checkbox"/> research centre <input type="checkbox"/> public authorities <input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input type="checkbox"/> NGO <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.
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>The UK</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:

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TIMEFRAME	Call opening date: June 2019; Grant start date April 2020 - onwards
RESOURCES	Approximately £8 Million (80% FEC)
COUNTRY	United Kingdom
MANAGING AUTHORITY	Public - Engineering and Physical Sciences Research Council (EPSRC)
CONTACT	Gerard Davies - Gerard.Davies@epsrc.ukri.org - 01793 444233 Ruhina Miller - Ruhina.Miller@epsrc.ukri.org - 01793 444348 Energy Team - EnergyTeam@epsrc.ac.uk
WEBSITE	https://epsrc.ukri.org/files/funding/calls/2019/decarbonising-heating-and-cooling-2019-full-call-document/

PROGRAMME	<i>ISCF's Prospering from the Energy Revolution challenge</i>
SUB-PROGRAMME	Detailed designs of smart, local energy systems
TYPE OF INSTRUMENT	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Subsidy <input type="checkbox"/> Other:
OBJECTIVES	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

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	to fund a portfolio of projects, across a variety of technologies, markets, technological maturities and research categories.
SUPPORTED ACTIONS	<ul style="list-style-type: none"> – Develop revolutionary market and business model approaches for the provision of smart energy systems – Develop a detailed understanding of energy supply, distribution and consumption patterns locally – Understand the current and future energy assets, networks and consumer needs locally – Integrate new energy technologies across heat, power and transport in a way that is replicable and scalable to multiple areas across the UK – Reduce the whole system costs of energy provision, resulting in significantly smaller bills for the end consumer – Validate the revenue streams and value proposition of the proposed business model – 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 – Show an integrated approach to managing energy supply, distribution and consumption across heat, power and transport – Consider the future role of gas as well as electricity systems – 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 – Consider the policy and regulatory conditions needed to design the local energy system

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TECHNOLOGIES COVERED	<input checked="" type="checkbox"/> geothermal <input checked="" type="checkbox"/> solar thermal <input checked="" type="checkbox"/> biomass <input checked="" type="checkbox"/> District heating and cooling <input checked="" type="checkbox"/> Heat pump <input checked="" type="checkbox"/> Thermal energy storage <input checked="" type="checkbox"/> Cogeneration <input checked="" type="checkbox"/> Integrated solutions <input type="checkbox"/> Other:
COFINANCING or INTEREST RATE	<p>Eligible project funding costs of:</p> <ul style="list-style-type: none"> – up to 70% for a micro or small business – up to 60% for a medium-sized business – up to 50% for a large business <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>
RANGE OF FUNDING PER PROJECT	Up to £3 million in grant funding. Project total eligible costs must be between £2 million and £20 million.
BENEFICIARIES	<input checked="" type="checkbox"/> university <input checked="" type="checkbox"/> research centre <input checked="" type="checkbox"/> public authorities

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	<input checked="" type="checkbox"/> start-up <input checked="" type="checkbox"/> SME <input checked="" type="checkbox"/> mid-cap company <input checked="" type="checkbox"/> large company <input checked="" type="checkbox"/> NGO <input checked="" type="checkbox"/> Other: <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>
TARGET AREA	<input type="checkbox"/> European Union <input checked="" type="checkbox"/> MSs: <i>The UK</i> <input type="checkbox"/> MSs' region/s: <input type="checkbox"/> Other:
TIMEFRAME	Projects must start on 1 January 2020 and end by 31 December 2021. All projects should last no longer than 24 months.
RESOURCES	Up to £30 million
COUNTRY	United Kingdom
MANAGING AUTHORITY	Public - UK Research and Innovation (UKRI)



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CONTACT	support@innovateuk.ukri.org or 0300 321 4357.
WEBSITE	https://apply-for-innovation-funding.service.gov.uk/competition/350/overview#summary