



Subsidies for industrial heat pumps in Europe

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Industrial heat pumps are a key solution in Europe's path towards decarbonisation and meeting energy and climate targets.

Over 60% of industrial energy consumption goes on heating, so increasing the use renewable energy sources through industrial heat pumps offers a promising way to reduce carbon emissions.

These heat pumps serve a wide range of sectors, including food and drink, plastics, textiles, wood products, appliance and machinery manufacturing, which together account for a significant proportion of Europe's heat demand.

However, despite their short- and long-term benefits, there are several barriers to the the widespread adoption of industrial heat pumps that must be addressed.

One major obstacle is upfront cost. It is critical that governments support the uptake of industrial heat pumps through subsidies. Yet such subsidies vary from country to country. In this report, we provide an overview of the subsidies available for industrial heat pumps in Europe.

The [EHPA Policy Manifesto 2024-2029](#) calls on policymakers to:

- Increase awareness about large-scale heat pump applications, for example by putting them as a key area to develop for the system integration strategy evaluation.
- Prioritise grid connection for industrial heat pumps to avoid delaying projects.
- Make large heat pumps default for industrial heat up to 200°C.
- Regulate the use of on-site waste heat recovery by requiring all types of waste heat to be recovered. This could be done by incentivising the extension of existing cooling equipment with additional heat exchangers to make use of the waste heat, for example.

What is an industrial heat pump?

Used in industrial processes, these heat pumps are usually custom-built systems designed to meet specific requirements. They are used to raise heat from its surroundings (including water, or waste process heat) from a lower temperature level to a higher one. For the purposes of this report, we consider industrial heat pumps to be those with a capacity above 200kW and allowing useful heat of above 100°C.

Subsidies for industrial heat pumps in Europe - details per country



Austria

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Wärmerückgewinnung ≥ 100 kW Heat recovery ≥ 100 kW More information.	Subsidy for heat recovery systems and related energy efficiency measures. It includes incentives for using heat pumps to recover low-temperature waste heat and optimising heating systems in existing buildings.	Grant	The funding is calculated as a percentage of the investment cost and depends on the size of the company.	Nominal capacity of ≥ 100 kW The refrigerant used in the heat pump must have a Global Warming Potential (GWP) of less than 2,000. The heat pump must achieve a minimum seasonal performance factor (SPF) of 3.8.	Planning and installation costs are also eligible for subsidies.	2016 – ongoing
Wärmepumpe ≥ 100 kW Heat pump ≥ 100 kW More information.	Funding for electrically operated heat pumps with a nominal heat output of 100 kW or more, using ambient heat as a heat source, which are used primarily to provide heating, hot water or process heat or to supply heating networks.	Grant	The amount depends on the type of heat pump and its capacity.	Electrically operated heat pumps with a nominal thermal output of 100 kW or more. The heat pumps must use ambient heat as their heat source. <ul style="list-style-type: none"> • Ground/water • Water/water • Air 	The refrigerant used in the heat pump must have a GWP of less than 2,000 and the annual performance factor (APF) of the heat pump system must be at least 3.8. The heat pump must be designed primarily to provide heat. Planning and installation costs are also eligible for subsidies.	2016 – ongoing

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Austria

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Innovative klimaneutrale Prozesswärme und -kälte in Betrieben <i>Innovative climate-neutral process heating and cooling in companies</i> More information.	Funding programme aimed at companies with operations in Austria that require process energy to produce goods and/or provide services. Areas of application range from deep freezing to hot steam generation.	Grant	There are two modules within the funding program, each with specific funding amounts: <ul style="list-style-type: none"> • Module A (Innovative Decarbonization Concepts for SMEs): Offers funding up to 50,000 euros or a maximum of 50% of the net costs. • Module B (Investment Funding for Pilot Projects for Decarbonizing Process Heat and Cold): Provides up to 4.5 million euros or a maximum of 50% of the additional investment costs. 			2024 – ongoing
Transformation der Industrie <i>Transformation of the industry</i> More information.	Funding program to support the maximum possible reduction of greenhouse gas emissions from fossil fuel combustion or directly from industrial production processes.	Grant	The funding is awarded through a competitive tendering process, and it is specified per achievable environmental protection or energy unit (euros per ton of greenhouse gas emissions saved or euros per megawatt hour saved).			2023 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
<p>Déduction fiscale pour investissements économeurs d'énergie dans les entreprises</p> <p><i>Tax deduction for energy-saving investments in businesses</i></p> <p>More information.</p>	Tax deductions for energy-saving investments including waste heat recovery.	Tax deduction	For investments made during 2024 tax year, the following percentage applies: 20.5%	<p>Nominal capacity of ≥ 100 kW</p> <p>The refrigerant used in the heat pump must have a Global Warming Potential (GWP) of less than 2,000.</p> <p>The heat pump must achieve a minimum seasonal performance factor (SPF) of 3.8.</p>	Planning and installation costs are also eligible for subsidies.	1992 – ongoing
<p>Aides à la transition énergétique</p> <p><i>Aid for the energy transition</i></p> <p>More information.</p>	Set of financial instruments to support the energy transition.	Multiple (grant, subsidy, tax rebate, debt, equity, guarantee, technical assistance)	Depends on the subsidy		Funding is offered through six programmes: <ol style="list-style-type: none"> Chèques-énergie Dispositif AMUREBA Aides UDE Dispositif Easy'Green du Groupe SOWALFIN Demainvest Prêts WalEnergie de la SRIW 	2016 – ongoing

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Pilootoproep faciliteren industriële transitie naar low-carbon-processen in Vlaamse basisindustrie <i>Pilot call to facilitate industrial transition to low-carbon processes</i> More information.	The subsidy allocates funds to support sustainable industrial processes, specifically for electric boilers and industrial heat pumps.	Combination of direct and indirect subsidy: Project grants + contracts for difference (CFD).	€70 million over ten years, for three to four projects of 1 to 2 million euros per year.			2024 – ongoing
Ecologiepremie+ <i>Ecology premium+</i> More information.	Support for a specific set of ecology investments on a list of technologies for cooling, transport, heat/heating, water and miscellaneous. It aims to encourage companies to organise their processes in a sustainable, climate-friendly, circular and energy-efficient way.	Grant	Maximum support is €1 million every three years, or 6.75-41.25% of total investment depending on various rules.			2022 – ongoing
GREEN investeringssteun <i>Green investment subsidy</i> More information.	Support for companies switching from fossil fuels to a green energy source.	Grant	Maximum support is €1 million, which amounts to 20-40% of the total investment.			2024 – ongoing
Call voor groene warmte <i>Call green heat</i> More information.	Call for companies and other applicants who invest in installations for the production of green heat, the use of residual heat or for heating networks in the Flemish Region.	Grant	Maximum support is €1 million, which amounts to 30-65% of the total investment.			2023 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Fonds de transition économique Economic Transition Fund More information.	Financial support aimed at all Brussels companies (start-ups, scale-ups, SMEs) wishing to make investments related to the energy transition.	Multiple (loans, bank co-financing, quasi-equity debt or minority equity stakes in companies)	Investments are a minimum of €80,000 and a maximum of €1,500,000.		For loans, the following conditions apply: <ul style="list-style-type: none"> • Total duration of maximum 10 years • Capital exemption of maximum 36 months • Possibility to finance 100% of the financing requirement 	2022 – ongoing

Subsidies for industrial heat pumps in Europe - details per country

Bulgaria

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Фонд Енергийна ефективност и възобновяеми източници <i>Energy Efficiency and Renewable Sources Fund</i> More information.	Funding for projects on energy efficiency and renewable sources targeted at municipalities, corporate clients, and individuals.	Loans and cessions.	Loans are available from €30,000 to €3 million for up to 10 years.			2019 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Czech Republic

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
HEAT – Modernisation of heating systems More information.	Funding is offered to support modernisation and reconstruction of existing heat supply systems.	Grant			<p>The types of projects supported include:</p> <ul style="list-style-type: none"> - Modernisation (replacement or related reconstruction) of the heat source in a thermal energy supply system. This means the energy source used must change to one of the following: <ul style="list-style-type: none"> • renewable energy sources; • energy use of waste, always in combination with high-efficiency combined heat and power (CHP); • natural gas and other natural and synthetic gases with a lower emission factor; • energy of the surrounding environment (e.g. heat pump); • electricity; waste heat energy. - Renovation or construction of new heat distribution within Thermal Energy Storage Systems, including heat exchangers and measurement and control system 	2022 – 2027

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Energieeffektiviseringer Business subsidy for energy efficiency improvements More information.	Funding for energy and CO2 saving projects with up to 50%, including the replacement of gas boilers for heat pumps.	Grant	Minimum of approximately €1,300 and up to approximately €15,000,000. The greater the energy or CO2 savings the project creates, the greater the subsidy.			2023 – 2029

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Finland

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Energiatuki Energy Aid More information.	Funding for energy and CO2 saving projects with up to 50%, including the replacement of gas boilers for heat pumps.	Grant	The grant paid is a percentage of the total costs and depends on the actual costs reported by the organisation and the type of project.		To apply for funding, the investment costs of the project must be at least €10,000 for energy efficiency projects; or €30,000 for renewable energy and new technology projects. Projects costs must not exceed €5,000,000.	2022 – ongoing
Tutkimus, kehitys ja pilotointi Research, development and piloting for large companies More information.	Funding for large companies that allows them to reform or develop completely new products or services, production methods and business models, or to pilot the functionality of new innovations.	Grant and loan	Loan: The loan can cover up to 50% of the project's total costs. Grant: The grant can account for 50% or 40% of the total eligible project costs, depending on the size of the company.			
Tutkimus, kehitys ja pilotointi Research, development and piloting for SMEs More information.	Funding for companies seeking international markets can update their products, services, production methods or business models, or develop completely new ones.	Grant and loan	Loan: The loan can cover up to 50% of the project's total costs. For a justified reason, the loan can account for up to 70% of project's total costs. Grant: The grant can account for 60%, 50% or 40% of the total eligible project costs, depending on the size of the company..			

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Fonds Chaleur Heat Fund More information.	Support aimed at the replacement of fossil fuel-based installations with renewable heat and cooling production equipment, possibly linked to heat and cooling networks.	Grant	<p>Funding can cover up to 65% of the cost of the installation and/or feasibility study.</p> <p>Rates are calculated on a case-by-case basis, depending on the project and the renewable energy source used.</p>	<ul style="list-style-type: none"> • Geothermal heat pump • Industrial heat pumps for waste heat recovery 	To apply for funding, the investment costs of the project must be at least €10,000 for energy efficiency projects; or €30,000 for renewable energy and new technology projects. Projects costs must not exceed €5,000,000.	2009 – ongoing
Certificats d'Économies d'Énergie (CEE) – fiche IND-UT-137 Energy Savings Certificates More information.	The Energy Saving Certificates (ESC) system offers industries carrying out energy saving work the possibility of receiving financial aid. In particular, the fiche IND-UT-137 targets the installation of a heat pump system to raise the temperature of recovered waste heat.	Energy saving certificate	<ul style="list-style-type: none"> • Air-to-air heat pump • Air-to-water heat pump • Water-to-water heat pump 			2006 – ongoing
Prêt Energie Environnement Energy Environment Loan More information.	Financing for renewable energy and environmental projects through different types of bridging loans.	Debt financing (VAT pre-financing, subsidies and equity bridging loans).				2022 – ongoing

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Prêt Vert Green Loan More information.	Financing for the development of an ecological and energy transition project	Loan	From €50,000 to €5,000,000.	<ul style="list-style-type: none"> • Geothermal heat pump • Industrial heat pumps for waste heat recovery 	The Prêt Vert finances the implementation of an action plan aimed at: <ul style="list-style-type: none"> • optimising processes, or improving performance (energy, water, materials) in order to better control or reduce impacts on the environment; • promoting “zero carbon” mobility for employees, goods and products; • innovating to bring to market products or services in the areas of environmental protection, circular economy and/ or enabling a reduction in resource consumption; • promoting a more virtuous energy mix by integrating more renewable energy 	2014 – ongoing

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Bundesförderung für Energieeffizienz in der Wirtschaft – Modul 2: Prozesswärme aus Erneuerbaren Energien <i>Federal Funding for Energy Efficiency in Industry – Module 2: Process heat from renewable energies</i> More information.	Subsidies for the purchase and installation of systems for generating process heat from renewable energies	Grant and low-interest loan	Max. €20,000,000. The amount of funding based on the costs of the eligible investment is 60% for small companies, 50% for medium-sized companies and 40% for companies without SME (small and medium-sized enterprises) status.	<ul style="list-style-type: none"> • Air source heat pumps • Water source heat pumps • Ground source heat pumps • Max. 50% Excess heat usage 	Heat pumps that can qualify for the funding are those with: <ul style="list-style-type: none"> • Effective coefficient of performance (COP) of at least 2.0 • Quality grade of at least 0.4 at the intended operating point. • Sorption heat pumps, if they achieve a heating coefficient of performance (PER) of 1.4 for the intended application. 	2006 – ongoing
Bundesförderung für Energie- und Ressourceneffizienz in der Wirtschaft – Modul 4: Energie- und ressourcenbezogene Optimierung von Anlagen und Prozessen– Premiumförderung und Dekarbonisierungsbonus <i>Federal Funding for Energy Efficiency in the Economy – Module 4: Energy and resource-related optimization of plants and processes – premium funding and decarbonization bonus</i> More information.	Largely technology-neutral funding for measures to increase the energy and resource efficiency of industrial/ commercial processes.	Grant and low-interest loan	Max. €20,000,000. The funding amount can be up to 45% for small companies, up to 35% for medium-sized companies and up to 25% of the eligible investment costs for companies without SME status. An extra decarbonisation bonus of 5% or 10% can be granted depending on specific criteria.			2006 – ongoing

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Bundesförderung für Energieeffizienz in der Wirtschaft – Förderwettbewerb EEW <i>Federal Funding for Energy Efficiency in Industry – Sponsorship competition</i> More information.	Technology-neutral decarbonisation based on a savings concept (including energy and resource efficiency, electrification of processes, waste heat utilisation)	Grant	Max. €20,000,000 per project.	<ul style="list-style-type: none"> • Air source heat pumps • Water source heat pumps • Ground source heat pumps • Max. 50% Excess heat usage 		2006 – ongoing
Bundesförderung für effiziente Wärmenetze – Modul 3: Einzelmaßnahmen <i>Federal funding for energy efficient heating networks – Module 3: Individual measures</i> More information.	Subsidies for the purchase and installation of systems for generating heat from renewable energies	Grant	The maximum funding amount is 100 million euros per application	<ul style="list-style-type: none"> • Air source heat pumps • Water source heat pumps • Ground source heat pumps 		2022 – ongoing
Bundesförderung für effiziente Wärmenetze – Modul 4: Betriebskostenförderung <i>Federal funding for energy efficient heating networks – Module 4: Operating Costs Funding</i> More information.	Subsidies for the purchase and installation of systems for generating heat from renewable energies.	Grant (Allowance for heat produced)	Up to 9.5€ct per thermal kWh for 10 years.			2022 – ongoing

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Innovative KWK Innovative CHP More information.	Subsidies for purchase and installation of systems that combine CHP and heat pump in one district heating network.	Grant (Allowance for produced electricity from CHP plant).	The payment is made for the electricity produced by innovative CHP systems for a total of 45,000 operating hours. The amount paid is based on the bid value for the CHP electricity as specified in the legal framework.	<ul style="list-style-type: none"> • Air source heat pumps • Water source heat pumps • Ground source heat pumps No excess heat usage		2018 – ongoing
Förderung von Kälte- und Klimaanlage des BAFA Funding for refrigeration and air conditioners systems More information.	Funding programme for investments in energy-efficient refrigeration and air conditioning technology.	Grant	Up to €200,000, mainly de minimis (minimal) aid.		Eligible if more than 50% of input electricity is used for refrigeration.	2015 – ongoing

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
KfW-Energieeffizienzprogramm – Produktionsanlagen/-prozesse KfW Energy Efficiency Program More information.	Finance investments in energy efficiency measures. The support of measures that improve energy efficiency in industrial processes.	Loan	Up to €25 million, per project.	Examples of investment measures: <ul style="list-style-type: none"> • Electric drives and pumps • Process cooling and process heat • Heat recovery and waste heat utilisation for production processes 		2015 – ongoing
Umweltinnovationsprogramm Environmental Innovation Programme More information.	Support pilot projects that demonstrate innovative environmental technologies in industrial applications.	Grant	Depending on the project's environmental impact and innovation level, funding rates and amounts vary.		Funding provided for model investments to prevent and reduce environmental pollution in: <ul style="list-style-type: none"> • Energy saving, energy efficiency, utilisation of renewable energies 	2011 – ongoing

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
<p>Νέος αναπτυξιακός νόμος 4887/2022 - Πράσινη μετάβαση</p> <p><i>New Development Law 4887/2022 - Green Transition</i></p> <p>More information.</p>	<p>Funding offered to businesses for expenses related to green transition, including costs for innovation, R&D projects, energy efficiency investments, recycling and waste reuse, high-efficiency energy cogeneration from renewable sources, and energy production from renewables.</p>	<p>Multiple (tax exemptions, subsidies, leasing subsidies, wage subsidies, and risk financing)</p>	<p>The maximum amount of aid for each investment plan amounts to €10,000,000, with some exceptions.</p>			<p>2022 – ongoing</p>

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Energiahatékonysági kötelezettségi rendszer EEOS - White Certificate Scheme More information.	Incentive scheme for the implementation of programmes and measures that result in proven energy savings on the end user's side.	Energy saving certificate	White certificates worth approximately €40-50/GJ.	All types of heat pumps.	Other technical requirements: Ecodesign minimum energy efficiency requirements.	2021 – 2030
TAO kedvezmény energiahatékonysági beruházásokhoz TAO discount for energy efficiency investments More information.	Funding in the form of a credit on income tax to companies investing in energy efficiency improvements.	Tax incentives	A maximum of 70% of corporate tax - in the form of a tax discount - can be spent on energy efficiency investments. The tax benefit can be used in the form of tax withholding. The amount of tax relief that can be used by the taxpayer may not exceed the following: <ul style="list-style-type: none"> • in the case of small businesses, 50% of the total cost of the investment • in the case of medium-sized enterprises, 40% of the total cost of the investment • for large companies, 30% of the total cost of the investment 			2017 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
EXEED Certified grant More information.	Support for organisations who are planning an energy investment project that will optimise energy performance, reduce operational energy costs and carbon emissions, improve competitiveness or demonstrate commitment to sustainability, which could also bring a reputational boost.	Grant	Support of up to €3,000,000 is available per project.			2021 - 2024

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
TEE Titoli Efficienza Energetica White Certificates More information.	Incentive scheme aimed at reducing energy consumption by increasing the efficiency in industrial processes.	Energy saving certificate	Each certificate represents a savings of one Tonne of Oil Equivalent (TOE). The economic value of the certificates is defined in the market trading sessions.			2005 – ongoing
Transizione 5.0 Transition 5.0 More information.	Incentive aimed at fostering the transformation of companies' production processes, responding to the challenges posed by the digital and energy transitions	Tax credit proportional to the expenditure incurred on new investments in production facilities located in Italy.	The amount depends on the investment and the energy savings achieved. It varies from a minimum 5% to a maximum 45%.	The tax credit is granted provided that a reduction in energy consumption of at least 3% is achieved for the production facility or, alternatively, at least 5% of the process affected by the investment.		2024 – 2025

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
TEE Titoli Efficienza Energetica (White Certificates) More information.	Energy efficiency obligation scheme aimed at achieving the state's mandatory end-use energy savings goal.	Energy saving certificate				2018 – ongoing
Loan for energy efficiency and sustainability More information.	Loan to promote growth and sustainability for businesses by improved energy efficiency, thereby fostering long-term financial benefits and improved competitiveness.	Loan	Up to €5,000,000			2022 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
<p>Iškastinio kuro naudojimo mažinimas įmonėse (2023-09; Nr. KK-AM-KMI01)</p> <p><i>Financial support for industrial enterprises</i></p> <p>More information.</p>	<p>Funding for the purchase and installation of technologies that replace fossil fuels with renewable energy sources to reduce greenhouse gas emissions.</p>	Grant	<p>€10 million available. The maximum amount of subsidy per applicant cannot exceed €200,000.</p>	<ul style="list-style-type: none"> • Air to water • Water to water • Ground to water 	<ul style="list-style-type: none"> • Heat pumps must meet specific requirements in accordance with the Ecodesign legislation. • Heat pumps with a GWP greater than 150 will not be financed. 	2023 – ongoing

Subsidies for industrial heat pumps in Europe - details per country

Luxembourg

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
<p>Iškastinio kuro naudojimo mažinimas įmonėse (2023-09; Nr. KK-AM-KMI01)</p> <p>Financial support for industrial enterprises</p> <p>More information.</p>	<p>Funding for the purchase and installation of technologies that replace fossil fuels with renewable energy sources to reduce greenhouse gas emissions.</p>	Grant	<p>€10 million available. The maximum amount of subsidy per applicant cannot exceed €200,000.</p>	<ul style="list-style-type: none"> • Air to water • Water to water • Ground to water 	<ul style="list-style-type: none"> • Heat pumps must meet specific requirements in accordance with the Ecodesign legislation. • Heat pumps with a GWP greater than 150 will not be financed. 	2023 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Versnelde klimaatinvesteringen industrie (VEKI) Accelerated Climate Investments Industry More information.	Subsidy for investments in equipment, systems or techniques that fit under the following themes: <ul style="list-style-type: none"> • Energy efficiency. • Circular economy. • Projects focused on infrastructure for waste heat and for hydrogen. • Other CO₂ reduction measures. 	The maximum subsidy amount is €30 million. The amount of subsidy may not exceed €80 per tonne of CO ₂ reduction. This applies to the 15 years from the commissioning of the investment or to the entire lifespan of the asset if it is shorter than 15 years.	€10 million available. The maximum amount of subsidy per applicant cannot exceed €200,000.		The project must lead to an absolute decrease in CO ₂ emissions in the Netherlands compared to the current CO ₂ emissions of industry.	2019 – 2025
Stimulerend Duurzame Energieproductie en Klimaattransitie (SDE++) Stimulation of Sustainable Energy Production and Climate Transition (SDE++) More information.	Subsidies for projects generating large-scale renewable energy or that uses a technique that reduces CO ₂ emissions.	Grant	<ul style="list-style-type: none"> • Phase 1: €75/ tonne of CO₂ • Phase 2: €150/ tonne of CO₂ • Phase 3: €225/ tonne of CO₂ • Phase 4: €300/ tonne of CO₂ • Phase 5: €400/ tonne of CO₂ 	<ul style="list-style-type: none"> • Industrial heat pumps for reusing residual heat • Geothermal heat pumps • Air-water heat pumps • Heat pumps combined with solar thermal panels (PVT-panels) 		2020 – 2025

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Demonstratie Energie-en Klimaatinnovatie (DEI+) Demonstration Energy and Climate Innovation (DEI+) More information.	Subsidy for entrepreneurs who want to test an innovative technology within their company in a pilot project or demonstrate in a demonstration project. The innovation must reduce CO ₂ emissions.	Financial support			The DEI+ is one of the subsidies for energy innovation from the Top Sector Energy (TSE). This means that for this subsidy you must also meet the general conditions that apply to all Top Sector Energy schemes.	2019 – ongoing
Energie-investeringsaftrek (EIA) voor ondernemers Energy investment deduction (EIA) for entrepreneurs More information.	Scheme for companies investing in assets that reduce CO ₂ emissions, promote energy efficiency, or aims to invest in sustainable energy. Companies can deduct 40% of the investment costs from the profit, reducing their taxable profit.	Tax deduction	The scheme gives an average benefit of 10%. The applicant would also have the usual depreciation for their investment and a lower energy bill.	<ul style="list-style-type: none"> • Air-to-water heat pumps • Water-to-water heat pumps • Ground source heat pumps (geothermal) To be eligible for the EIA, heat pumps must meet certain energy efficiency criteria and technical specifications outlined in the Energy List.	The EIA is for entrepreneurs, government organisations, foundations or associations subject to income tax or corporate tax. The investment must meet the description under one of the codes of the Energy List .	2017 – ongoing

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Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Store klima- og energisatsinger i industrien <i>Major climate and energy investments in industry</i> More information.	Support for the utilisation of excess energy for heating purposes internally or externally.	Grant	<p>The amount of support is assessed per project. It depends on the support needed to realise the project, the content and how large the company is.</p> <p>Max support that can be awarded under this programme is €30 million.</p>		The project must improve an existing situation (no establishment of new industrial production). Applicants must be established industrial production enterprises or established enterprises of an industrial nature.	2024 – 2028
Klima- og energisatsinger i industrien <i>Climate and energy initiatives in industry</i> More information.	Support for projects aiming at: <ul style="list-style-type: none"> • Reducing fossil fuels in industrial production-processes • Increased energy efficiency in industry • Increased energy recovery from industrial processes • Reduction of greenhouse gas emissions from production processes 	Grant	<p>The programme offers support for a portion of the extra expense when opting or investigating for climate- or energy-friendly solutions.</p> <p>The amount of support is assessed per project.</p>		The applicant must be a company that has measures linked to an existing industrial production, or to an existing facility with activities that are of an industrial or process-related nature.	2023 – 2024

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Varmesentraler Central heating systems More information.	Support to players who want to invest in central heating to utilise renewable energy sources for heating and/or cooling buildings, sports facilities and industrial purposes.	Grant	<ul style="list-style-type: none"> • €250/kW for groundsource heat pumps with bore holes • €200/kW for heat pumps that obtain energy from excess heat, horizontal geothermal heat, sea and fresh water. • €80/kW for air-to-water heat pumps with accumulator tank Accumulation, connection to district heating and combination with solar collectors qualify for increased support.		<ul style="list-style-type: none"> • Support for installing a central heating unit in an existing building is only provided if the current heating uses fossil oil, fossil gas, or electricity. • No support is given if the current heating solution is district heating, solid or liquid biofuel. • Replacing an existing heat pump with a new one is not eligible for support. 	2023 – 2027
Industri 2050 Industry 2050 More information.	The programme supports projects to reduce emissions from industry and waste incineration. Eligible projects include: <ul style="list-style-type: none"> • Technology and solutions that can reduce the use of fossil energy carriers. • Technology, processes and solutions that can reduce emissions of greenhouse gases from core industrial processes. • Capture, intermediate storage and/or transport of CO₂. 	Grant	The amount of support is assessed per project. It depends on the support needed to realise the project, the content and how large the company is.		<ul style="list-style-type: none"> • For investments in CO₂ capture, intermediate storage, and/or transport, the project must be part of an existing or planned CCS and/or CCU chain. • Applicants must be established industrial production enterprises or established enterprises of an industrial nature. 	2023 – Ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
<p>Pilotering av banebrytende klimateknologi</p> <p><i>Piloting ground-breaking climate technology</i></p> <p>More information.</p>	<p>The programme supports projects that use innovative technology, solutions, or methods that significantly improve upon current practices and contribute to a low-emission society.</p>	Grant	<p>The amount of support is assessed per project. It depends on the support needed to realise the project, the content and how large the company is.</p>		<p>The programme supports projects aimed at advancing technology and solutions in the final development phase. It emphasises testing and verifying the performance of systems that integrate multiple technologies. Supported projects must be linked to business or public end users, with piloting being part of a plan for further implementation of the technology or solution.</p>	2023 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Energia Plus Energy Plus More information.	The aim of the programme is to reduce the negative impact of businesses on the environment, including improving air quality, by supporting investment projects.	Loan	Up to approximately €133,194.			2020 – ongoing *call for applications closed on 30.04.2024, not reopened so far.
Wsparcie dla przemysłu energochłonnego Support for energy-intensive industries More information.	The aim of the programme is to reduce emissions from energy-intensive sectors of Polish industry.	Loan	Up to approximately €939,662.			2018 – ongoing *call for applications closed on 22.12.2023, not reopened so far
System zobowiązujący do efektywności energetycznej (białymi certyfikatami) Energy efficiency obligation scheme More information.	Energy efficiency improvements across all sectors except transport, targeting electricity, gas, and district heating.	Energy saving certificate			Eligible measures include building fabric improvements, heating systems, appliances, lighting, and waste heat recovery.	2011 – ongoing

Subsidies for industrial heat pumps in Europe - details per country

Portugal

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Descarbonização da Indústria <i>Decarbonising Industry</i> More information.	<p>Set of measures that aim to contribute to the objective of carbon neutrality, promoting the energy transition through energy efficiency, supporting renewable energies. They focus on the adoption of low-carbon processes and technologies in industry, the adoption of energy efficiency measures in industry and the incorporation of energy from renewable sources and energy storage.</p>	Grant	<p>Simplified industry decarbonisation projects: Support limit is €200,000 per single company over a three year period.</p> <p>Industry decarbonisation projects: The total support limit is €15,000,000 per company and per project.</p>			2021 – ongoing
Apoio ao Desenvolvimento de uma Indústria Ecológica <i>Support for the Development of a Green Industry</i> More information.	<p>This measure aims to support projects that accelerate and have a clear and evident contribution to improving energy efficiency, decarbonisation, and the production and storage of renewable energies.</p>	Grant	<p>Total budget of €50,000,000. The maximum indicative incentive per project is €10,000,000.</p>			2024 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Slovakia

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Zelená podnikom Green by business More information.	Provision of vouchers for the installation of equipment for the use of renewables in SMEs.	Grant	Max. €70,000.	All types of heat pumps.	Subsidies are limited for self-employed, micro, small and medium-sized companies.	2024 – 2027

Subsidies for industrial heat pumps in Europe - details per country



Slovenia

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Učinkovita raba energije <i>Efficient use of energy</i> More information.	Non-refundable financial incentives for new investments in efficient use of energy and renewable energy sources for business entities.	Grant	The grant covers up to 20% of eligible investment costs.			2023 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Orden ITU/1434/2023 More information.	<p>The aim is to promote the decarbonisation of the manufacturing industry's production processes in Spain. The project must have at least one of the following objectives:</p> <ul style="list-style-type: none"> • Reduction of direct emissions from the facility. • Substantial improvement of energy efficiency for electric energy savings. 	Grant and loan	The amount depends on the type of project and company size.			2023 – 2024

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Klimatklivet <i>The climate step</i> More information.	<ul style="list-style-type: none"> Investment support for companies, municipalities, regions and organisations in Sweden to reduce climate impact. 	Grant	<p>Companies can receive 20-65% of the investment cost. Support for companies cannot exceed 70%.</p> <p>Municipalities, non-profit associations, and other type of organisations that are not counted as companies, can receive a maximum of 50% of the investment cost.</p>		The measures that are estimated to provide the greatest reduction in greenhouse gases per kroner invested are those that receive support.	2023 – ongoing

Subsidies for industrial heat pumps in Europe - details per country

Switzerland

Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
<p>Subvention pour les pompes à chaleur pour chaleur industrielle</p> <p><i>Subsidy for heat pumps for industrial heating</i></p> <p>More information.</p>	Support for companies in a project to integrate a heat pump into its industrial production.	Grant	Up to 40% of the total engineering costs and additional costs for installation and assembly.		The heat pump must be used primarily to produce heat for industrial processes at a minimum temperature of 95°C.	2024 – ongoing
<p>Subvention pour les feuilles de route décarbonation</p> <p>Grant for decarbonization roadmaps</p> <p>More information.</p>	Financial support to industries seeking advice on net-zero emissions.	Grant	Up to 40% of the total costs, up to a maximum amount of approximately €25,000 for businesses in the industrial sector and approximately €15,500 for those in the service sector.		Emission-reduction measures are initially based on avoiding emissions, for example by replacing fossil fuels, increasing energy efficiency, avoiding waste and recycling, procuring environmentally friendly products, etc. Measures relating to carbon capture and utilisation (CCU) and carbon capture and storage (CCS) should only be considered for emissions that are difficult to avoid; funding for reduction measures in these areas may amount to a maximum of 5% of the total costs.	2024 – ongoing

Subsidies for industrial heat pumps in Europe - details per country



Subsidy Name	Description	Type of subsidy	Amount granted (€)	Type of heat pump	Extra info	Start & end dates
Industrial Energy Transformation Fund (IETF) More information.	Support for the development and deployment of technologies that enable businesses with high energy use to transition to a low carbon future.	Grant	Approximately €590 millions of funding available up until 2028, allocated through consecutive application windows split into three phases.		The IETF supports the installation of heat pumps where these either: <ul style="list-style-type: none"> • recover waste heat from the industrial process and utilise this waste heat primarily in another industrial process(es) onsite; or • where the heat pump sources heat from the natural environment to be used primarily in an industrial process(es) onsite. This can include geothermal technologies. 	2020 – 2028

Examples of financial mechanisms to support decarbonisation efforts at EU level

Name	Focus	Type of instrument	Budget
The European Fund for Strategic Investments (EFSI)	Cross-cutting research and innovation scheme: maximising the energy efficiency of cross-sector industrial components in a cost-efficient manner.	Equity finance, guarantees, debt financing	€21 billion
Programme for Competitiveness of Enterprises and Small and Medium-sized Enterprises (COSME)	Electricity efficiency; heat efficiency and recovery; carbon capture and storage; sustainable infrastructure; renewable energy	Equity finance, guarantees	€2.3 billion
Horizon Europe	Cross-cutting research and innovation (R&I): improving system integration, optimal design, intelligent and flexible operation, including industrial symbiosis to increase energy and resource efficiency	Grant/subsidies	€93.5 billion
Just Transition Fund	Reduce emerging regional disparities caused by the transition towards a climate neutral economy. Investments in SMEs, R&I, deployment of technology and infrastructure, digitalisation, circular economy and job search assistance and consultation	Various	€19.32 billion
Innovation Fund	Sector-specific R&I: increasing the cost effectiveness of not yet economically viable technologies	Grant/subsidies	The Innovation Fund's total funding depends on the carbon price, and it may amount to about €40 billion from 2020 to 2030, calculated by using a carbon price of €75/tCO ₂
Recovery and Resilience Facility	Electricity efficiency; heat efficiency and recovery; carbon capture and storage; sustainable infrastructure; renewable energy	Debt financing, grant/ subsidies	€648 billion

EHPA is involved in several [EU-funded projects](#) which cover industrial heat pump development.



EHPA has also published a report on [subsidies for residential heat pumps](#) (March 2023)






The **European Heat Pump Association (EHPA)** represents the European heat pump sector. Our 230 members include heat pump and component manufacturers, research institutes, universities, testing labs and energy agencies.


EHPA advocates, communicates and provides policy, technical and economic expertise to European, national and local authorities, and to our members.

We organise high level events and manage or partner in multiple projects.

We work to shape EU policy that allows the heat pump sector to flourish, and to become the number one heating and cooling choice by 2030. Heat pumps will be a central part of a renewable, sustainable and smart energy system in a future decarbonised Europe.

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