



EIB support to District Heating

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European Investment Bank

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EIB AT A GLANCE

One of the world's largest multilateral lenders and borrowers

- We raise our funds on the international capital markets.
- We pass on favourable borrowing conditions to clients.

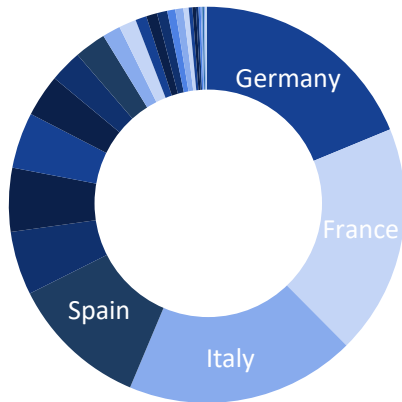
Over **€1.5 trillion** invested since 1958

- More than **14 000 projects** in over **160 countries**.
- Crowding-in bank: **€4.9 trillion** overall investment supported.


Headquartered in Luxembourg

- Around **4 273 staff**: In addition to finance professionals, we have engineers, economists and socio-environmental experts.
- **60 offices** around the world.

THE BANK'S SHAREHOLDERS



The 27 Member States of the European Union are the EIB's shareholders

	Germany	18.78%		Hungary	0.84%
	France	18.78%		Ireland	0.66%
	Italy	18.78%		Romania	0.66%
	Spain	11.27%		Croatia	0.43%
	Netherlands	5.2%		Slovakia	0.3%
	Belgium	5.2%		Slovenia	0.28%
	Poland	4.57%		Bulgaria	0.21%
	Sweden	3.45%		Lithuania	0.18%
	Denmark	2.64%		Luxembourg	0.13%
	Austria	2.58%		Cyprus	0.13%
	Finland	1.48%		Latvia	0.11%
	Greece	1.41%		Estonia	0.08%
	Portugal	0.91%		Malta	0.05%
	Czech Republic	0.89%			

EIB GROUP FINANCING IN 2023*

€87.85 billion



* The EIB Group total financing figure excludes a small overlap due to joint engagements of the EIB and the EIF.

POLICY PRIORITY AREAS

**INNOVATION,
DIGITAL AND
HUMAN CAPITAL**

€19.76
billion

**SUSTAINABLE
ENERGY AND
NATURAL
RESOURCES**

€26.80
billion

**SUSTAINABLE
CITIES AND
REGIONS**

€21.33
billion

**SMEs
AND
MID-CAPS**

€19.96
billion



ENERGY

In 2023 the Bank provided more than

€21 billion for **energy-related projects**



€8.35 billion
for energy efficiency

- of which **€5.50 billion**
for energy-efficient buildings



€9.14 billion
for renewables

- of which more than **€3.38 billion**
for onshore and offshore wind
- of which more than **€4.18 billion**
for solar photovoltaic energy



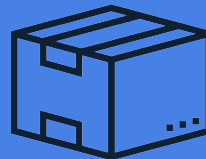
€3.79 billion
for electricity grids and
storage financing

EIB PRODUCTS CATALYSE INVESTMENT

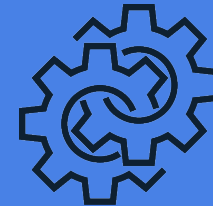
Each transaction is tailored to the needs of the project



We offer loans, guarantees, equity investments and advisory services



The products can be combined or blended with other sources of public financing



EIB offer

- Financing.
- Advisory:
 - JASPERS,
 - TARGET,
 - ELENA (embedded in InvestEU Advisory Hub),
 - InvestEU Advisory Hub.

DH eligibility criteria

Sources of heat:

- Heating and cooling technologies using electricity (electric heat pumps, electric chillers, or electric peak/reserve boilers), renewable energy, renewable and low-carbon fuels, waste heat, or combined cooling/heating and power (CCHP, CHP) generation are eligible for Bank support.
- Peak/reserve boilers operating on natural gas (or oil, if gas is not available), when part of a renewable energy plant (for example, biomass or CSP), or an eligible district heating and cooling (DH/DC) system.
- In the case of gas-fired co/tri-generation, the project is eligible for Bank support if it results in emissions in the production of electricity of less than 250 g CO₂ per kWh_e (the calculation is as following: annual total emissions of CO₂/(annual production of electricity + annual production of useful heat)).

Networks:

- The Bank will support the rehabilitation or extension of existing networks, or construction of new networks if, as a result of the project, there will be no increase in combustion of solid or liquid fossil fuels or non-organic waste on an annual basis.
- Thermal storage facilities are considered to be a network investment.

Project examples

- Project examples: Opole, Bydgoszcz, Lublin, Kaunas, Vilnius, Brno, Ukraine DH FL.
- Typical scope: networks, gas CHP, biomass.
- CAPEX usually in the order of EUR 100 m.



Advisory: JASPERS, TARGET

- Partnership between EIB and EC.
- Support to prepare projects.
- JASPERS mandate: ERDF, CF and JTF.
- TARGET mandate: coal transition regions.
- Expert TA – support provided by EIB experts or external consultants managed by the EIB.
- Free of charge.
- <https://jaspers.eib.org/>
- [TARGET \(Technical assistance for a green energy transition\)](#)

Advisory: ELENA

- Partnership between EIB and EC.
- Support to prepare projects.
- Grant based TA – financing of up to 90% of eligible project preparation costs.
- Eligible costs include cost of staff and external services.
- Minimum CAPEX required of EUR 30 m.
- 3-4 years to prepare project.
- Usually a grant of EUR 1-2 m (1:20).
- [ELENA – European Local ENergy Assistance](#)

Project examples (TARGET)

- Review and comments for the **DH action plan** in Velenje, **Slovenia**
- Identification and analysis of **DH decarbonization options** in Eger, **Hungary**
- Preparation of the **Feasibility Study for decarbonization** of heating systems in Prievidza, **Slovenia**
- Preparation of the **Feasibility Study for rehabilitation** of the DH system in Craiova, **Romania**
- Preparation of **Feasibility Studies** to identify **clean energy supply options** for DH in Bogatynia and Piotrkow Trybunalski, **Poland**

Project examples (ELENA)

- The National Integrator of Investment Processes in District Heating Companies in Poland (KAPE)
- WIEN GEOTHERMAL POWER AND STORAGE (WIEN GEOPOST)
- Sustainable Homes and Sustainable Heat in Zuid-Holland

Summary

- EIB offer includes financing and advisory.
- We finance modernisation of networks, RE and taxonomy aligned gas CHP. Financing is offered at favourable terms.
- Concerning advisory, we offer support in project preparation including expert TA (JASPERS, TARGET) and financial TA (ELENA).

Thank you for your attention

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For info on this webinar and details on the activities of the JASPERS Networking Platform please visit the following websites::

<https://jaspers.eib.org/knowledge/index>

<http://jaspers.eib.org/>

Or write us at jaspersnetwork@eib.org