

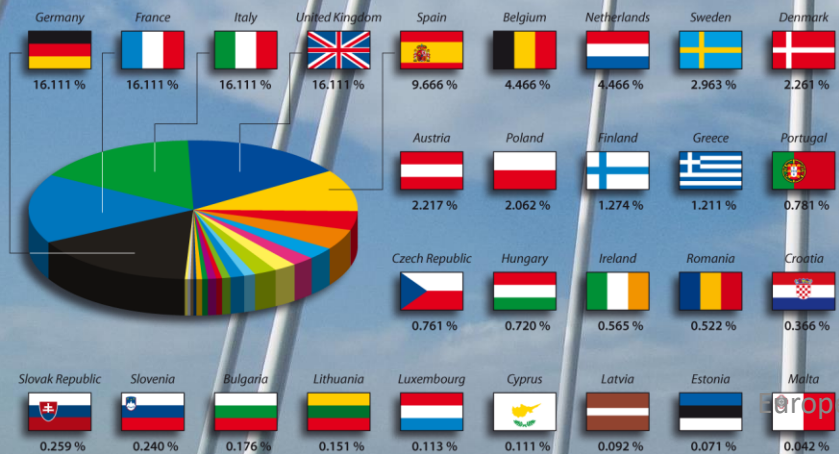
European Investment Bank supporting energy efficiency and affordable housing

Reinhard Six
Energy Efficiency Division
Project Directorate

Lyon 07/06/2019

The EIB: the EU bank

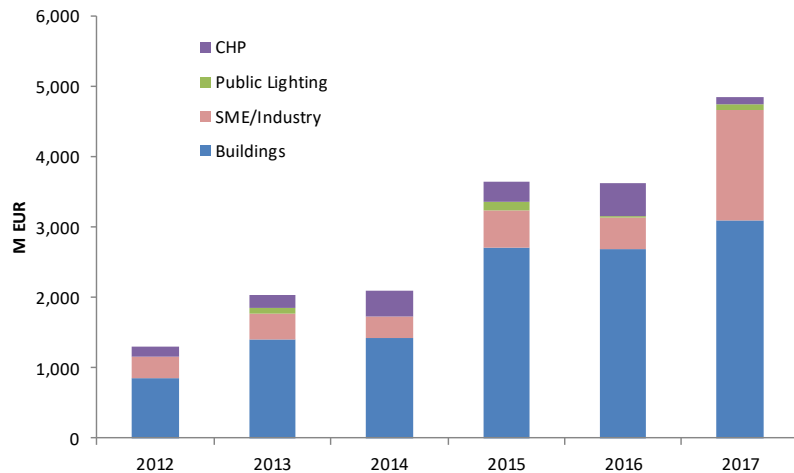
- ▶ The world's largest multilateral lender (EUR 55,6bn in 2018) and the biggest provider of climate finance.
- ▶ Around 90% of lending is within the EU, EUR 2,2bn in Mediterranean and EUR 1,7bn in ACP countries
- ▶ Loans, blending, equity, guarantees, advisory
- ▶ Governed by the EU Member States



Improving the quality of life for people in Europe and beyond

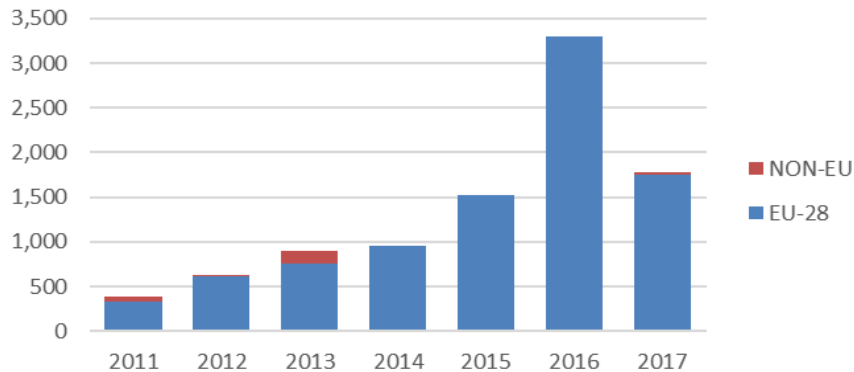
EIB Lending in the two sectors

EE Lending Breakdown per year



- ▶ Buildings is the largest EE sub-sector, in line with EU and EIB priorities
- ▶ EE part of Climate Action lending >25% of total lending volume

EIB financing of housing (2011-2017)
Total EUR 9.5 bn



Why does the EIB contribute?

- ▶ Social and affordable housing are key to integrated urban development, an EIB priority
- ▶ Contribute to inclusive growth
- ▶ Contributes to social and economic cohesion by enabling balanced growth

EIB products available

LENDING	BLENDING	ADVISING
<ul style="list-style-type: none"> ▪ Long term debt ▪ Subordinated loans ▪ Project finance ▪ Equity type ▪ Guarantee ▪ Securitisation ▪ Venture capital ▪ Growth finance <p>Specific tools:</p> <ul style="list-style-type: none"> ▪ SFSB ▪ EFSI ▪ PF4EE 	<ul style="list-style-type: none"> ➤ Combining EIB finance with EU budget (e.g. ESIF) ➤ Higher risk projects for innovation (InnovFin) 	<ul style="list-style-type: none"> ✓ ELENA (European Local Energy Assistance) ✓ JASPERS (Structural Funds assistance) ✓ EIAH (European Investment Advisory Hub)

Attracting FUNDING for long-term growth

Social housing in Hamburg

- Retrofitted housing with additional new construction including space for community/social activities on the ground floor
- Care services for elderly / disabled tenants
- EE KfW 70 standard



- In 2015 EIB signed a second loan with the city's social housing company SAGA GWG to finance integrated social and affordable housing across Hamburg.

Housing in Bucharest S6 district

- 270 buildings with 23,000 app.
- Current consumption 190 kWh/(m²a)
- 50% average energy savings
- Investment costs of 140 MEUR
- Financing:
 - State, district: 50%
 - EIB loan: 50%
- Similar projects with other Districts (S1, S2, S3, S4):
 - Buildings with some 138,600 apartments refurbished or in process of
 - Total investment: 887 MEUR
 - EIB co-financing: 557 MEUR

Project: BUCHAREST S6 THERMAL REHABILITATION - Romania



N° 20090557

European Investment Bank - Graphic Workshop 1348 RSG/761 11/2009

ELENA in short

European Local Energy Assistance

- EC-EIB cooperation to support public and private entities to implement ambitious EE investment programmes
- Technical Assistance facility: grants for increasing capacity and use of external expertise
- Project development support for energy efficiency in buildings; local renewables; clean urban transport
- Market replication focus (min. investment EUR 30 m)
- Investment leverage required (ratio 20/10; claw back possibility)
- 90% funding rate (grant); First come, first served rule
- Budget allocation: 30-40 million EUR per year

ELENA



Savings Identification



Energy Savings & Reduction of CO₂ Emissions

Technical Assistance Support

Eligible Investment Programmes

Eligible Costs
(up to 90%)

Expertise

Energy Efficiency & Renewable Energy
in residential sector

- Feasibility & market studies
- Programme structuring
- Business plans
- Energy audits
- Financial structuring
- Tendering procedure
- Contractual arrangement

- Recruit additional staff
- Hire experts and advisors
- Costs of personnel assigned to the project

- EE renovations of public and private buildings
- Integration of renewable energy sources into the single family buildings
- Investments in heating
- Renewable Energy installations



Thank you for your attention!

Further information:

EIB www.eib.org

ELENA www.eib.org/elena