

Interreg



CENTRAL EUROPE
European Union
European Regional
Development Fund

Dynamic Light

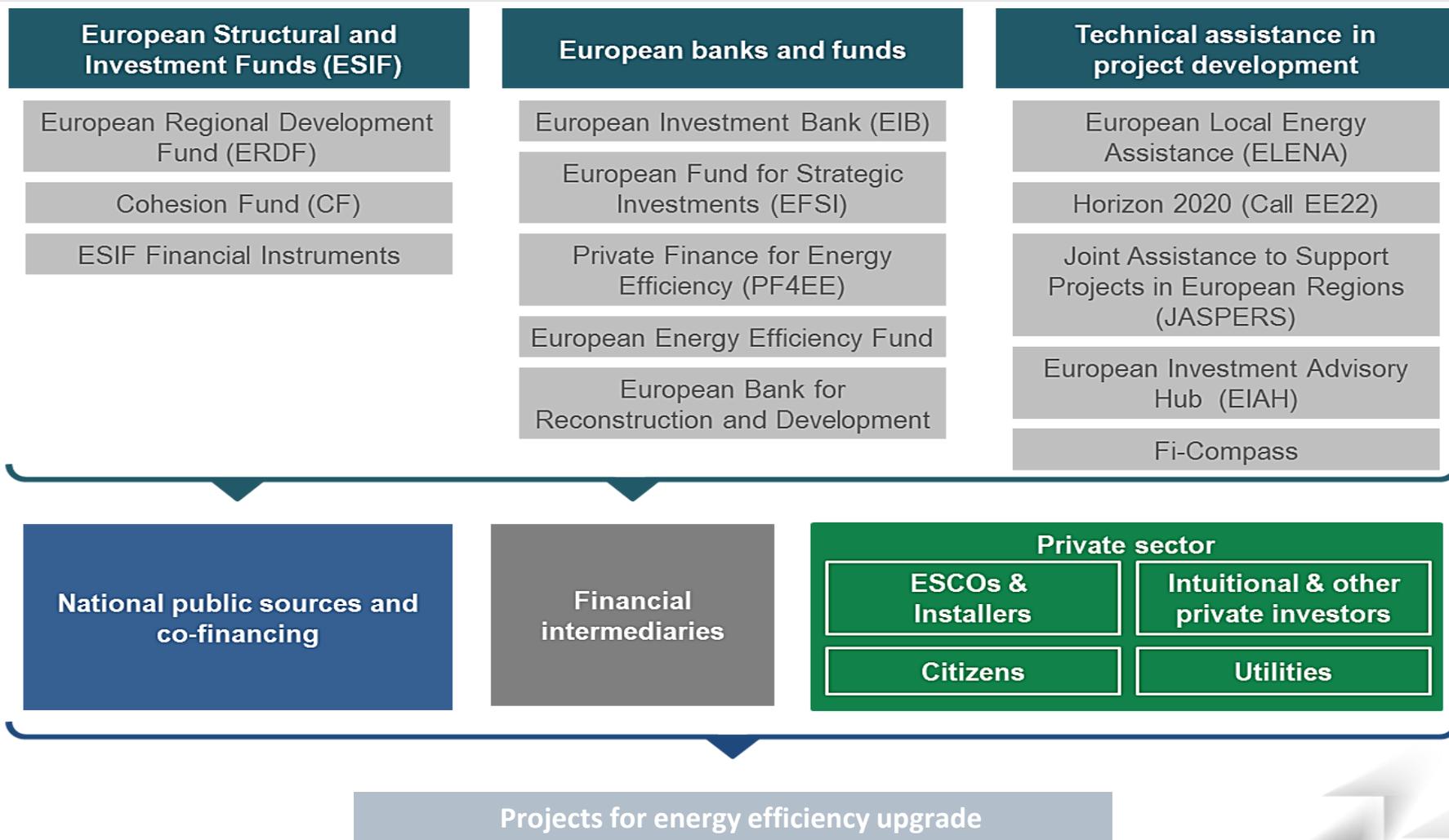
TAKING
COOPERATION
FORWARD

 Project Meeting, 22-24 October 2018, Cesena, ITALY

 **WPT2: “Finding a suitable funding source and financing model for energy efficiency upgrade of street lighting infrastructure”**

 Irina Stamo, Institute for Climate Protection, Energy and Mobility, Berlin, Germany **IKEM**

Funding sources map



1. European funds, banks and assistance



European Structural and Investment Funds (ESIF)

European Regional Development
Fund (ERDF)

Cohesion Fund (CF)

ESIF Financial Instruments



Objectives:	To promote economic and social cohesion between regions.
Financial instruments:	<ul style="list-style-type: none">• Grant funding: grants up 75% of eligible costs.• Non-grant funding: equity, low-interest loans, guarantees, microcredit.• Specific financial instruments and amounts are listed in programmes of each EU MS.
Beneficiaries:	<ul style="list-style-type: none">• In EU-28: public bodies, local, regional, and national authorities, social, cultural and educational institutions, companies, small and medium-sized enterprises (SMEs), associations, non-governmental organisations.• Foreign firms based in the region also may apply.
Timeline:	2014-2020

How to apply to the ERDF:

- Find ERDF Operational Programmes available in your country:
http://ec.europa.eu/regional_policy/en/atlas/programmes/
- Find your managing authority, which will evaluate your proposal:
http://ec.europa.eu/regional_policy/en/atlas/managing-authorities/
- If you are a small business, you may consult the Enterprise Europe Network.



Objectives:	Promoting economic and social cohesion in countries with low Gross National Income.
Financial instruments:	<ul style="list-style-type: none">• Loans.• Guarantees.• Equity. → offered in combination with technical support, interest rate subsidies or guarantee fee subsidies. Funding can cover up to 85% of eligible costs.
Beneficiaries:	Local and regional authorities.
Timeline:	2014-2020

How to apply to the CF:

Find CF Operational Programmes available in your country:

http://ec.europa.eu/regional_policy/en/atlas/programmes/

Find your managing authority, which will evaluate your proposal:

http://ec.europa.eu/regional_policy/en/atlas/managing-authorities/

If you are a small business, you may consult the Enterprise Europe Network.



ESIF Financial Instruments (FI) - technical assistance for ESIF use (formerly JESSICA)

Objective:	Enhancing the efficient use of EU funds.
Financial Instruments:	Grants for technical assistance to cover up to 90% of eligible costs for necessary preparation of investment projects.
Beneficiaries:	Public authorities.
Timeline:	2014 - 2020

How to apply:

- Find and contact the responsible managing authority in your country:
http://ec.europa.eu/regional_policy/en/atlas/managing-authorities/



Objectives:	To strengthen regional development capacity in Central Europe.
Financial instruments:	Grants (covering up to 85% of eligible project costs). There is no minimum project size.
Beneficiaries:	Public authorities, regional development and innovation agencies, enterprises, chambers of commerce and associations, financial institutions, energy supplies and management institutions, education and training organisations, NGOs.
Timeline:	2014-2020.

How to apply:

- Register and send your application through the online platform at:
<https://ems.interreg-central.eu/app/main?execution=e1s1>
- Check and submit documents at:
<http://www.interreg-central.eu/Content.Node/apply/documents.html>



European banks and funds

European Investment Bank (EIB)

European Fund for Strategic
Investments (EFSI)

Private Finance for Energy
Efficiency (PF4EE)

European Energy Efficiency Fund

European Bank for
Reconstruction and Development



Objectives:	To support EU policy goals in Europe and beyond.
Financial instruments:	<ul style="list-style-type: none"> • Loans and Municipal framework. • Guarantees. • Microfinance. • Equity investment. <p>Funding available for up to 50% of eligible costs.</p>
Beneficiaries:	<p>Public authorities for investment mobilisation and implementation of their SEAPs.</p> <p>Public and private project promoters, including municipalities, regions, public/private infrastructure or transport operators, energy service companies, retail chains, estate managers, SMEs, and industry.</p>

How to apply to the EIB:

Contact the financial intermediary in your country for projects under EUR 25 million:

<http://www.eib.org/products/lending/intermediated/list/index.htm>

For projects above EUR 25 million, please confirm mutual interest at:

http://www.eib.org/projects/cycle/applying_loan/index.htm

Once the confirmation is obtained, please submit the application at:

<http://www.eib.org/infocentre/publications/all/application-document-for-an-eib-loan.htm>



Objectives:	To decrease the investment gap in the EU by mobilising private finance for strategic investment projects and promote growth and job creation.
Financial instruments:	<p>The eligibility to apply for a specific financial instrument depends on the beneficiary. The following instruments are available:</p> <ul style="list-style-type: none"> • Grants. • Loans. • Guarantees. • Equity. • Venture capital.
Beneficiaries:	<ul style="list-style-type: none"> • Private sector entities - large corporations, special purpose vehicles or mid-cap companies and SMEs. • Public sector entities - local authorities, public sector companies or other government-related entities. • Banks, national promotional banks or other financial institutions. • Funds and any other form of collective investment vehicles.

How to apply to the EFSI:

Submit your request for financing to the EIB or to an EIF partner institution in your country at:

http://www.eib.org/projects/cycle/applying_loan/index.htm



Private Finance for Energy Efficiency (PF4EE) Instrument

Objectives:	To provide access to affordable debt financing in the area of energy efficiency
Financial instruments:	<p>Loans (EIB Loans for Energy Efficiency).</p> <ul style="list-style-type: none">• A portfolio-based credit risk protection (PF4EE Risk Sharing Facility).• Expert support services for financial intermediaries to support the implementation of the PF4EE Instrument (PF4EE Expert Support Facility).
Beneficiaries:	Public sector and private sector financial institutions.

How to apply to the PF4EE:

- Financial institutions that function as one legal entity may submit a joint application.
- Express preliminary interest, ask questions and apply at: PF4EE_Instrument@eib.org



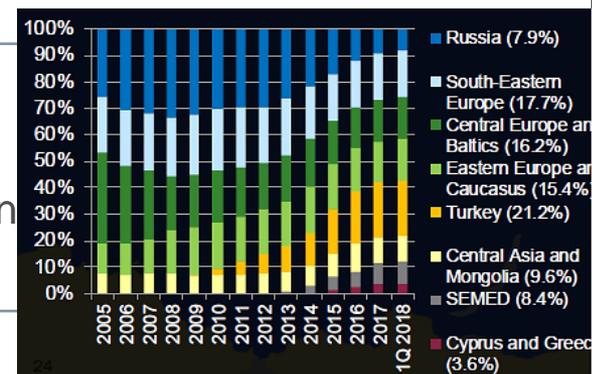
Objectives:	To foster 20-20-20 goals, promoting a sustainable energy market and climate protection.
Financial instruments:	<ul style="list-style-type: none">• Senior debt.• Subordinated debt.• Guarantees.• Mezzanine instruments.• Leasing structures.• Forfeiting loans.
Beneficiaries:	Municipal, local and regional authorities, as well as entities acting on behalf of those authorities, public transportation providers, social housing associations, energy service companies.

How to apply to the eeef:

- Find out whether your project is eligible: <http://www.eeef.lu/eligibility-check.html>
- Contact investments@eeef.eu or technical_assistance@eeef.eu for technical assistance (eeef is always open for TA project proposals: no deadline)



Objectives:	To develop a sound investment and promote environmentally and socially sustainable development.
Financial instruments:	<ul style="list-style-type: none"> • Loans of EUR 5 - 250 million. • Equity investments of EUR 2 - 100 million • Guarantees to promote trade.
Beneficiaries:	Public and private project promoters, including municipalities, regions, public/private infrastructure or transport operators, energy service companies, retail chains, estate managers, SMEs, and industry.



How to apply:

Use the eligibility checker to find out whether your project is eligible or not: <http://www.ebrd.com/work-with-us/project-finance/funding-adviser.html>

For assistance, potential applicants for street lighting projects may contact [Mr. Toivo Miller](#)



Technical assistance in project development

European Local Energy
Assistance (ELENA)

Horizon 2020 (Call EE22)

Joint Assistance to Support
Projects in European Regions
(JASPERS)

European Investment Advisory
Hub (EIAH)

Fi-Compass



European Local Energy Assistance (ELENA)

Objectives:	To strengthen the technical expertise and organisational capacity of beneficiaries.
Financial instruments:	Grants to cover up to 90% of technical assistance or/and project development costs for projects of at least EUR 30 million.
Beneficiaries:	Public and private project promoters, including municipalities, regions, public/private infrastructure or transport operators, energy service companies, estate managers, SMEs. In particular, public authorities for the mobilisation of investments and implementation of their sustainable energy action plans (SEAPs).
Timeline:	Updates will be posted on the ELENA webpage.

How to apply to the ELENA:

Contact ELENA staff directly by email at elena@eib.org. Attach the following to your email:

- A brief description of the applicant and the planned investment programme/project
- A brief description of the need for technical assistance and the amount requested for it.



Objectives:	Build the technical, economic and legal expertise that is needed to develop projects and stimulate concrete investments.
Financial instruments:	<ul style="list-style-type: none">• Grants covering 100% of eligible costs for project development assistance in the range of EUR 0.5 – 1.5 million.• Submission of proposals requesting other amounts is allowed.• The call focusses on small and medium-sized investment projects of EUR 7.5 - 50 million.
Beneficiaries:	Public authorities or their groupings, public/private infrastructure operators and bodies, energy service companies, retail chains, estate managers and services/industry.
Timeline:	A few deadlines per year

How to apply:

Online guide outlining procedures: from proposal submission to managing your grant:

<http://ec.europa.eu/research/participants/portal4/desktop/en/funding/guide.html>



Joint Assistance to Support Projects in European Regions (JASPERS)

Objectives:	Improve the quality of investment allocated by ESIF.
Financial instruments:	Free-of-charge technical assistance in the form of project preparation and capacity-building support and quality review.
Beneficiaries:	Public authorities.
Timeline:	Since 2006.

How to apply to JASPERS:

Identify the national authority in your country:

http://ec.europa.eu/regional_policy/en/atlas/managing-authorities/

Managing Authorities can contact the JASPERS staff directly by email.



Objectives:	To encourage investment in the environment by addressing the main financial and non-financial obstacles.
Financial instruments:	Free-of-charge advisory and technical assistance programmes and initiatives, including technical project support, project structuring, financial advice, capacity building and policy advice.
Beneficiaries:	Public and private sector; managing, procuring authorities; national promotional banks and institutions.

How to contact the EIAH:

Fill out the contact form here: <http://www.eib.org/eiah/contact/index.htm>



Objectives:	To provide practical know-how and learning tools on ESIF FIs.
Financial instruments:	Technical assistance.
Beneficiaries:	ESIF managing authorities, EaSI microfinance providers, other stakeholders.



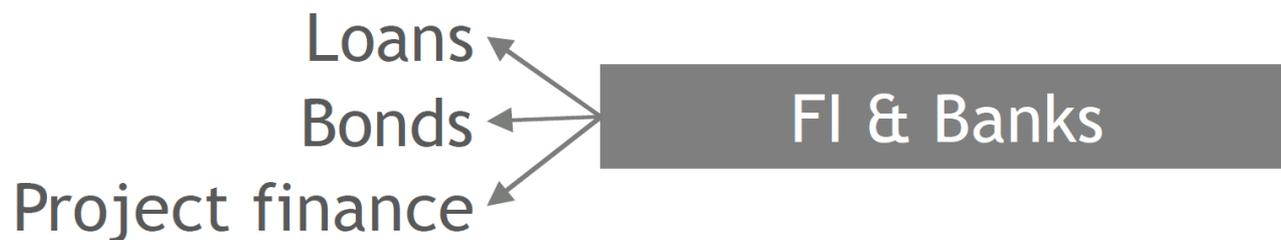
2. National Public Financing Sources

Austria	<ul style="list-style-type: none">Climate and Energy Funds, state funding„Energie-Contracting-Programme“	<ul style="list-style-type: none">Federal Programmes: „Klimaschutz in Gemeinden“ and „Energiesparen in Betrieben“
Croatia	<ul style="list-style-type: none">Fund for the Environmental Protection and Energy EfficiencyRegional Energy Efficiency Programme for the Western Balkans (REEPWB)Green for Growth Fund Southeast Europe (GGF)	
Czechia	<ul style="list-style-type: none">EFEKT ProgrammeOperational Programmes of ERDF	<ul style="list-style-type: none">National Environmental Programme
Germany	<ul style="list-style-type: none">KfW ProgrammesNational Climate Initiative (NKI) Programme („Förderprogramm Kommunalrichtlinien“)	
Hungary	<ul style="list-style-type: none">Only European sources available	
Italy	<ul style="list-style-type: none">White Certificates Scheme	
Poland	<ul style="list-style-type: none">National Fund for Environmental Protection and Water Management	
Slovakia	<ul style="list-style-type: none">Slovak Rural Development Programme	<ul style="list-style-type: none">SlovSEFF
Slovenia	<ul style="list-style-type: none">Slovenian Environmental Public Fund (Eco Fund)Energy Efficiency Obligation SchemeSlovene Export and Development Bank (SID)	

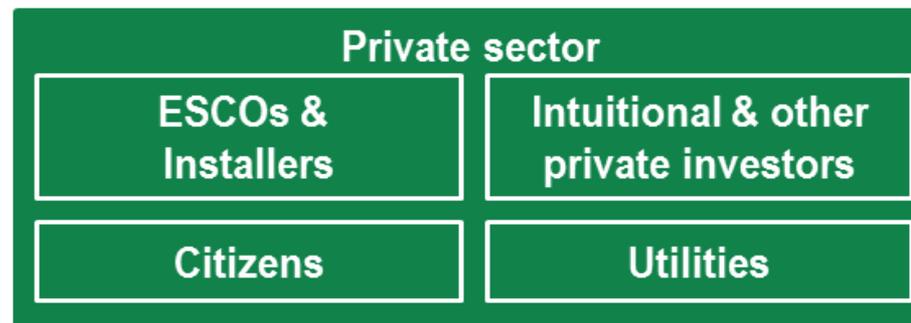


3. Financial intermediaries

- Much stress is put on actions aimed at ensuring loan repayment – projects should be financially sustainable
- Some of the considerations made by commercial banks during the appraisal of a project are:
 - Level of commitment of the sponsors
 - Completion and technical targets of the project’s budget
 - Experience and capabilities of the project management
 - Degree of confidence in the project’s cost and revenue targets will be determined by the reliability of the assumptions on which the inputs supplies and demand projections are based
 - Strength of government support



4. Private Sources



- Cooperative energy funding - community-financed solution for project investment in the energy market:
- Individuals, households, customers and businesses form a development finance institution that provides financial and credit services to markets run by local banks
- **Denmark:** the Danish government has invested financially in the development of local communities by funding energy projects
- **Germany:** more than 600 energy communities
- Facing local opposition in other countries



