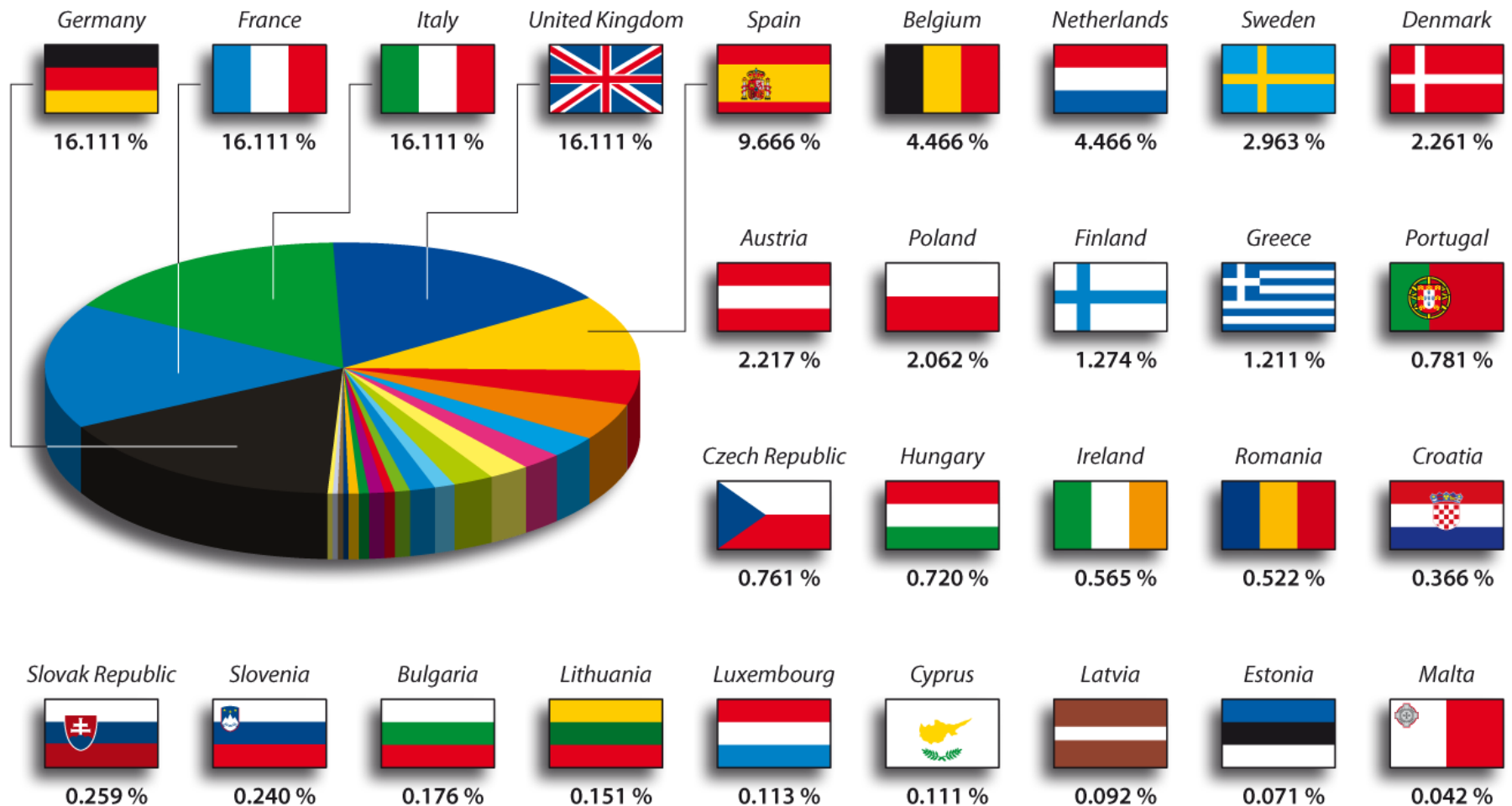


# Support for Energy Efficiency by the European Investment Bank

*Riga, 11 November 2016*

# The EIB: the EU bank since 1958



# We focus on our **key priorities**



**ENVIRONMENT**

**EUR 19.6bn**



**INFRASTRUCTURE**

**EUR 19.1bn**



**INNOVATION**

**EUR 18.7bn**



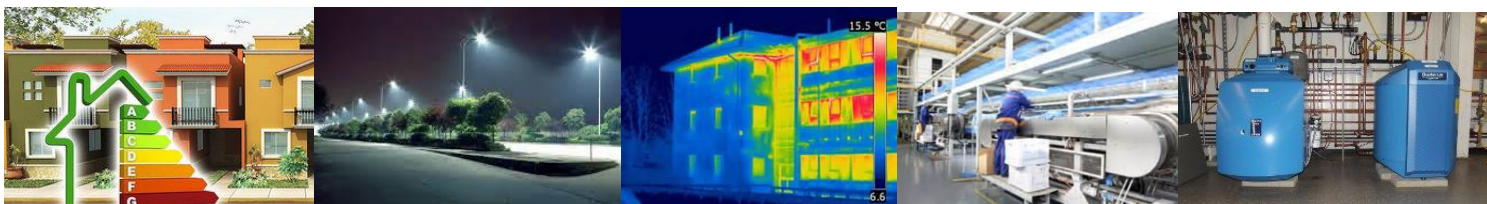
**SMEs**

**EUR 28.4bn**

# EIB products

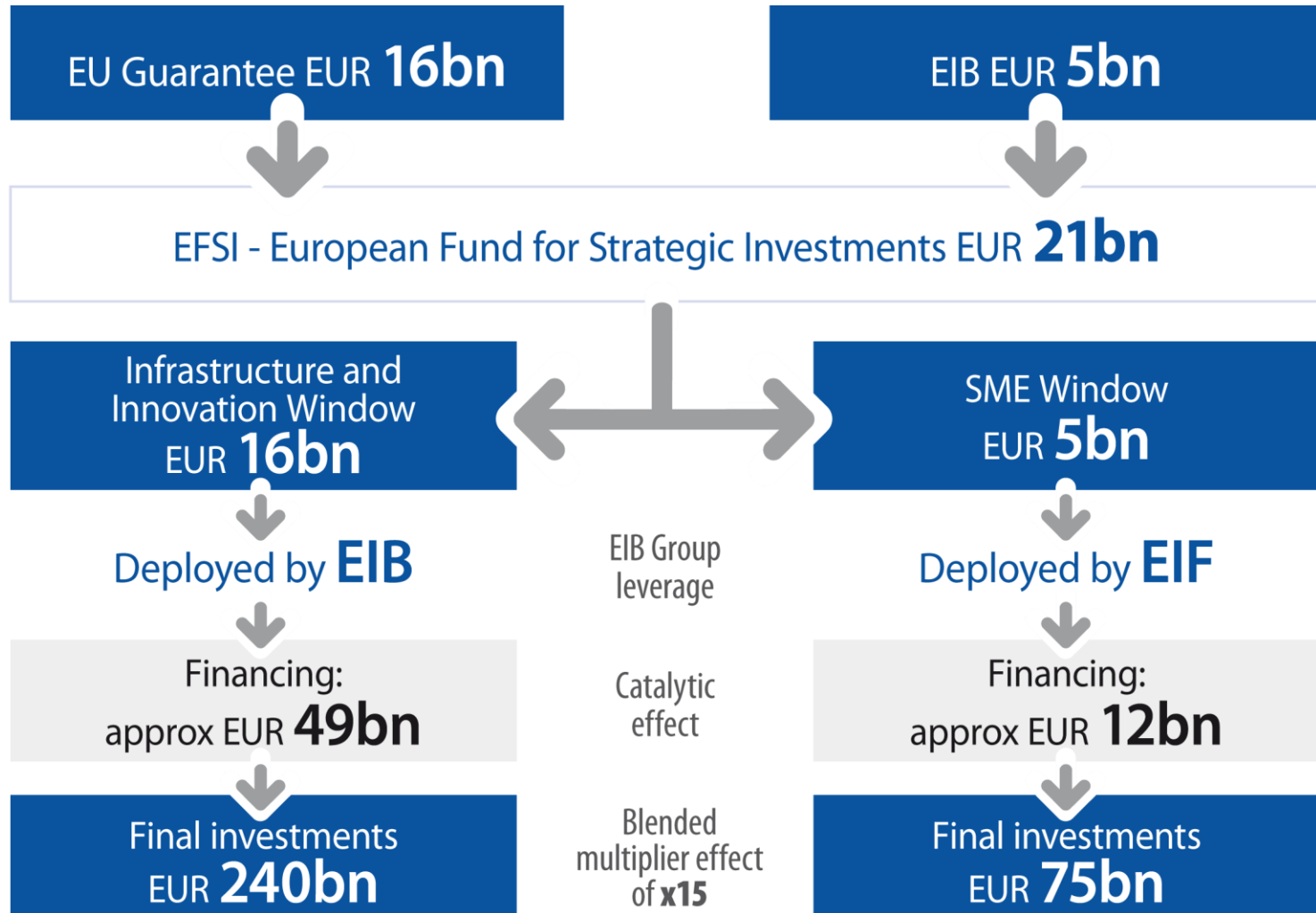
We help catalyse investment

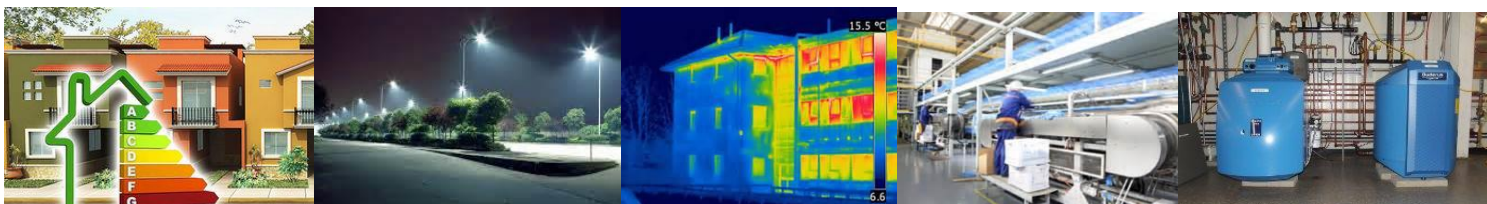
LENDING	BLENDING	ADVISING
Loans But also:  Guarantees  Equity participation	Higher risk projects for energy efficiency & RES (PF4EE, DFI)  Higher risk projects for innovation (InnovFin)	Share best practices for DFI (FI COMPASS)  Support technical assistance for energy efficiency (ELENA)
Attracting FUNDING for long-term growth		



# European Fund for Strategic Investments (EFSI)

# European Fund for Strategic Investments (EFSI)





**PF<sub>4</sub>EE**



# PF4EE Objectives

The European Union energy efficiency sector is experiencing sub-optimal levels of investment mainly because of:

- high investment costs,
- limited access to credit,
- too long payback times and
- credit risks.

PF4EE aims :

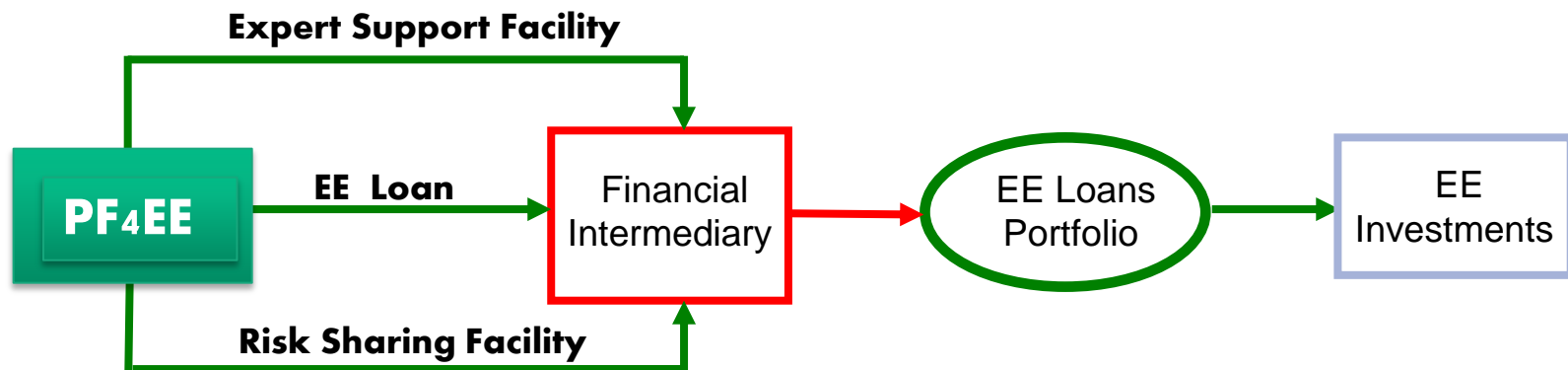
1. To make energy efficiency lending a more sustainable activity across European financial institutions;
2. To encourage private commercial banks and other financial intermediaries to address the energy efficiency sector as a distinct market segment;
3. To increase lending for energy efficiency in response to priorities identified by Member States' National Energy Efficiency Action Plans.

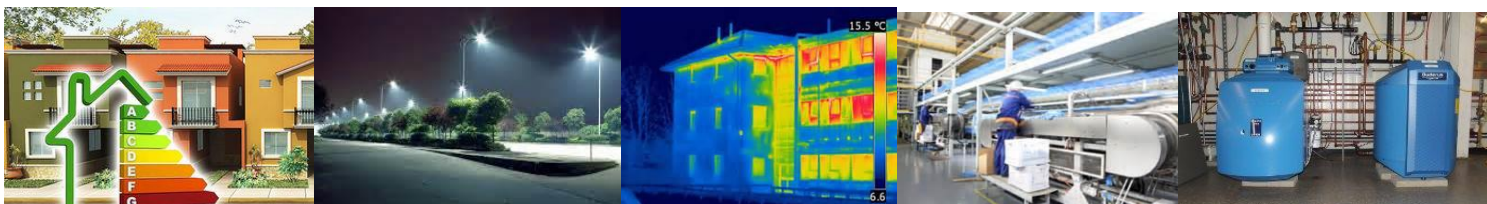




## PF<sub>4</sub>EE comprises three components

- A loan to a commercial bank to be on-lent for financing of energy efficiency investments (“**EE Loan**”)
- A risk mitigation mechanism, which covers losses incurred in the portfolio of EE loans granted by the commercial bank to on-lend the EE Loan (“**Risk Sharing Facility**”)
- Consultancy services aiming at supporting the commercial bank to create the abovementioned EE loans portfolio (“**Expert Support Facility**”)





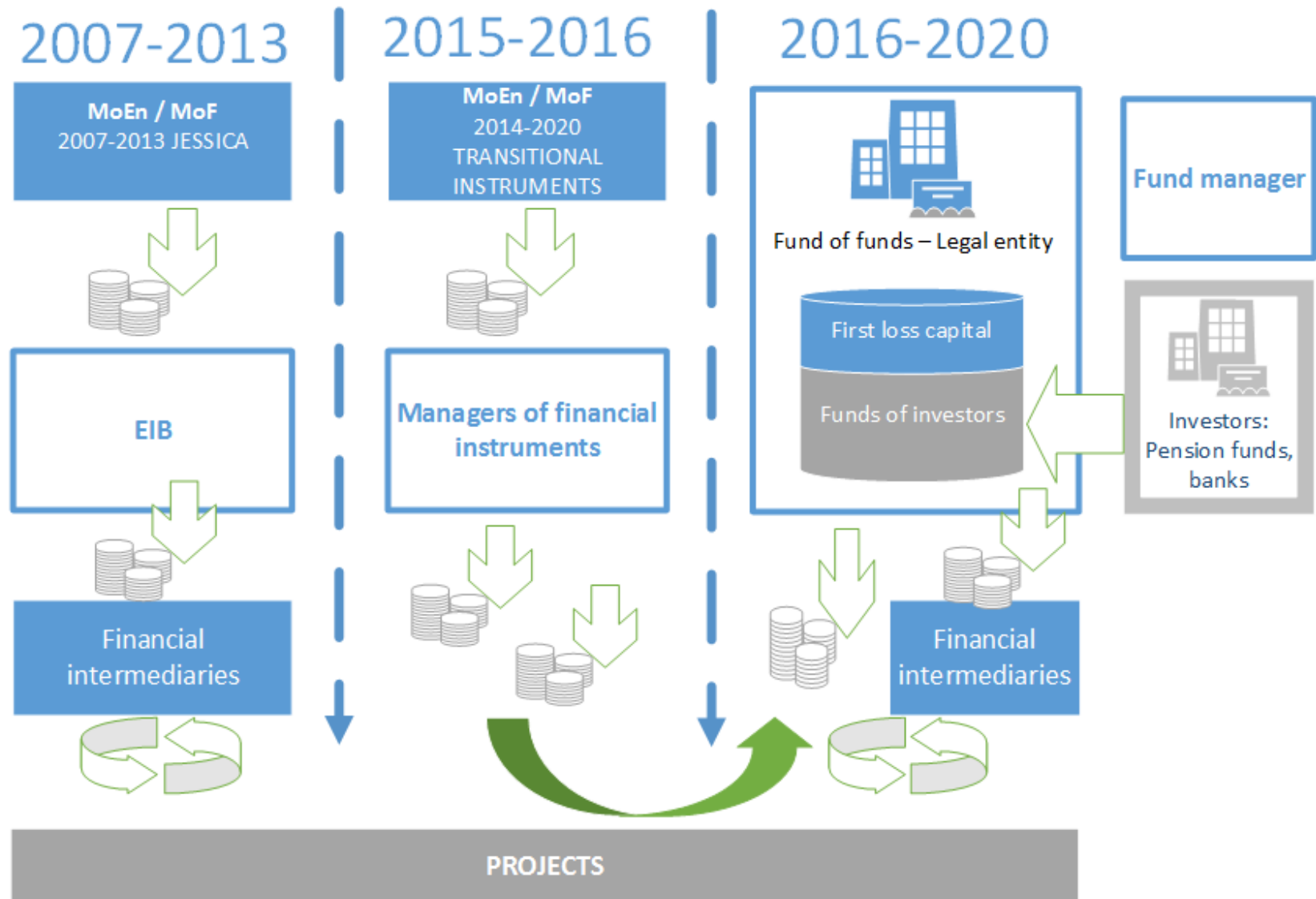
# Financial Instruments

# Experience with JESSICA – project example



<b>Area of the apartment</b>	539,82 m <sup>2</sup>
<b>No of floors</b>	3
<b>No of flats</b>	11
<b>Construction year</b>	1959
<b>Renovation completion date</b>	17 July 2014
<b>Renovation cost</b>	77 365 EUR
<b>Energy efficiency class</b>	Before renovation – E planned – C <b>Reached– B</b>
<b>Heating cost before renovation</b>	264,34 kWh/m <sup>2</sup>
<b>Heating cost after renovation</b>	54,06 kWh/m <sup>2</sup>
<b>Energy savings</b>	<b>79,55 %</b>

# Scheme for multi-apartment buildings





# ELENA

# European Local ENergy Assistance

- Grants to prepare investment programmes covering up to 90% of eligible costs
- Area: Renewable Energy, Energy Efficiency and Sustainable Transport
- Sector: buildings, transport, urban infrastructure
- Local character (city, municipality, region)
- 3 years (4 for transport projects) to implement the programme
- Minimum leverage factor of 20 (10 for transport projects)
- Minimum project size of 30 MEUR

# ELENA - overview

## **ELENA** **(Project Development Services)**

Support to Final Beneficiaries with:

- Feasibility studies
- Business Plans
- Technical studies (energy audits)
- Procurement/tendering/contracting
- Additional technical staff
- Financial structuring
- Legal advice

## **INVESTMENT PROGRAMME**

- **EE and RES investments** in public and private buildings, including social housing and street and traffic lighting
- **DH networks**
- **Decentralised CHP**
- **Sustainable transport** to support the use of alternative fuels and increase energy efficiency
- **Local energy infrastructure** to support developments in these sectors



# FI-COMPASS



# fi-compass: what do we offer?

1

Step-by-step process guidance and manuals

throughout the entire FI life cycle consistent with regulatory provisions, evidence-based practice and the realities of ESIF Managing Authorities. This includes ESI Fund-specific guidance.

► fi-compass offers: *Information brochures, handbooks, case studies and examples of best practice, audio-visual materials*

2

Learning opportunities

to further the necessary understanding & skills in the market

► fi-compass offers: *face-to-face training and e-learning opportunities*

3

Awareness raising and networking

for Managing Authorities, the general public, potential bodies implementing FIs, private and public investors interested in co-investment opportunities, entrepreneurs or enterprises, or for other potential final recipients.

► fi-compass offers: *public events (EU conferences, thematic seminars/workshops, networking events), but also promotional campaigns (social media), etc.*

4

Access to a single knowledge platform

to ensure (timely and targeted) availability of information and methodological advice.

► fi-compass offers: *knowledge management web portal, newsletters, FAQ support, specialised publications, etc.*

# Thank you!

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