



Delivering energy efficiency investment through Energy Service Companies (ESCOs) with the support of FIs

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Energy efficiency in public building using EPC – the Slovenian experience

Damir Staničič

Senior Researcher, Jožef Stefan Institute, Slovenia

SI: Combination of EnPC and performance based grants

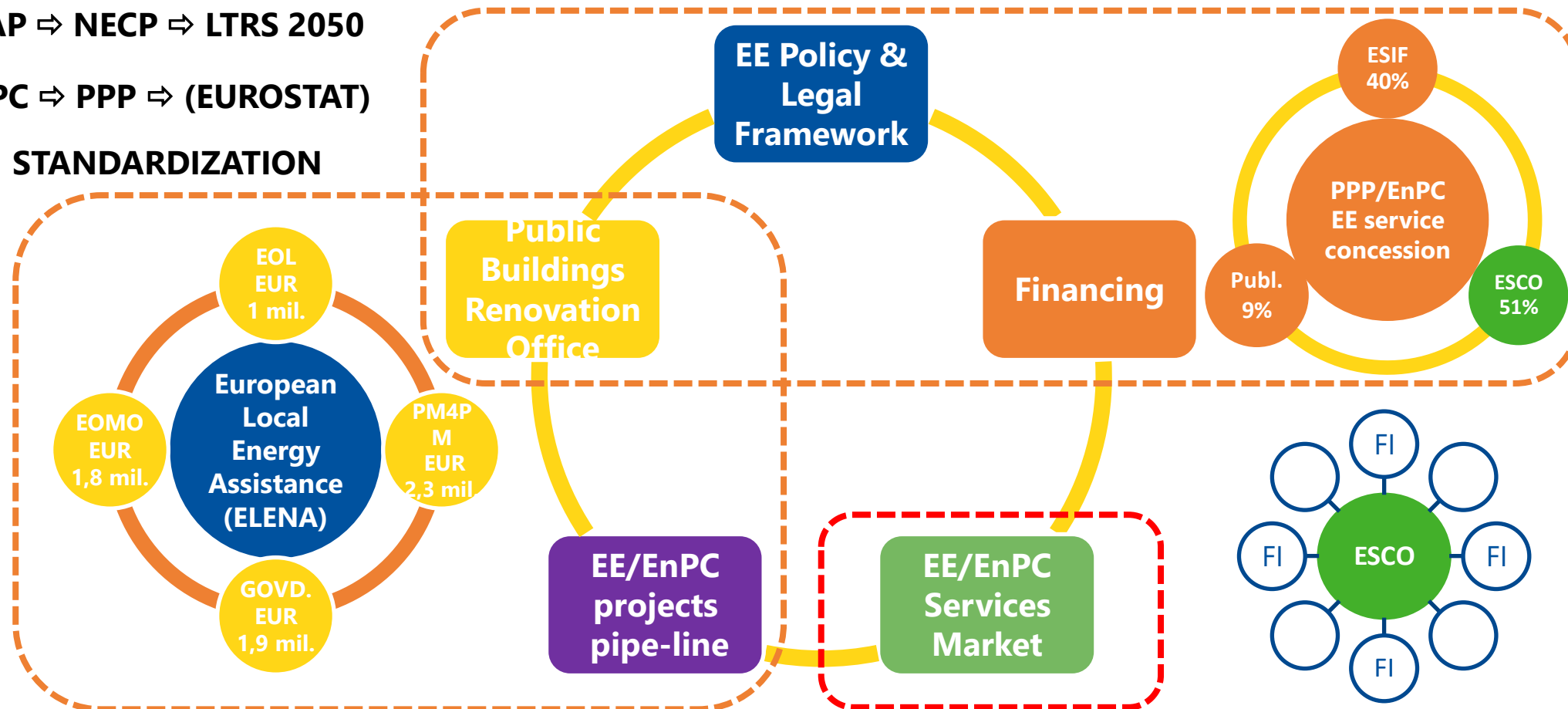
Public sector deep renovations / 2014-2020 programming period / one operation



NEEAP ⇒ NECP ⇒ LTRS 2050

EnPC ⇒ PPP ⇒ (EUROSTAT)

STANDARDIZATION



TECHNICAL SUPPORT

EQUITY PRODUCTS / FORFAITING



2017-2022: 262 buildings (696.091 m²; EUR 170,5 mil.) / leverage factor 3 / savings 57,6 GWh/a





EPC invest platform in the Czech Republic

Čestmír Hrdinka

Director of the ELENA Department, Národní rozvojová banka (NRB), Czech Republic



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EPC Investment platform in the Czech Republic

EPC project preparation through ELENA technical assistance



EPC projects in the Czech Republic

- **Experience of 30 years**
- **275 EPC projects realised**
- **Energy savings of 233 million EUR**

EPC Investment platform

- **Loans from banks to ESCO; forfaiting**
- **NRB onlends EIB financing**
- **Grants for EPC projects from ERDF and CF**
- **Clients own resources**

Support provided by NRB

- **EPC suitability analyses**
- **Support for EU grant application**
- **Support for tendering EPC**

Results

- **900+ public buildings evaluated**
- **700+ buildings will be renovated**
- **EE Investments of 82 mil. EUR**



Combining ERDF grants and financial instruments for EPC projects: Energy efficiency in the health sector

Cinzia Colangelo

Senior Officer, Regione Marche, Italy

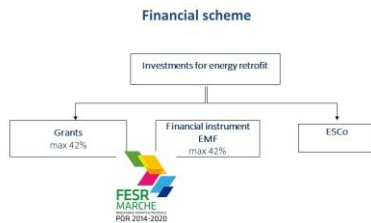


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Energy efficiency in the health sector

Going beyond the lack of financial and economic means – Marche Region's experience



The strategy and the financial model

- EPC for energy retrofit and comprehensive renovation
 - Combining ESIF grants, ESIF FI and ESCO own resources
 - The start: 2014-2017 a project (MARTE) supported by IEE grant

A complex scheme

- OP grant paid to the beneficiary that will pass it to the ESCOs
 - OP interest-free loan for the ESCOs directly
 - Contracts length: 15 years (signed in 2017)

A successful project

- 3 hospitals and 2 polyclinics-nursing homes (interventions ended in 2021).
 - Around € 12 million investments
 - Checking procedures and expenditures: hard task!



Building Energy Efficiency Facilities ("BEEFs") First Private Sector Sustainable Finance for Renovation of Buildings

Nicholas Stancioff

Director, Funding for Future B.V., Latvia



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Delivering dEEp renovations through Service Providers

Supported by Financial Instruments

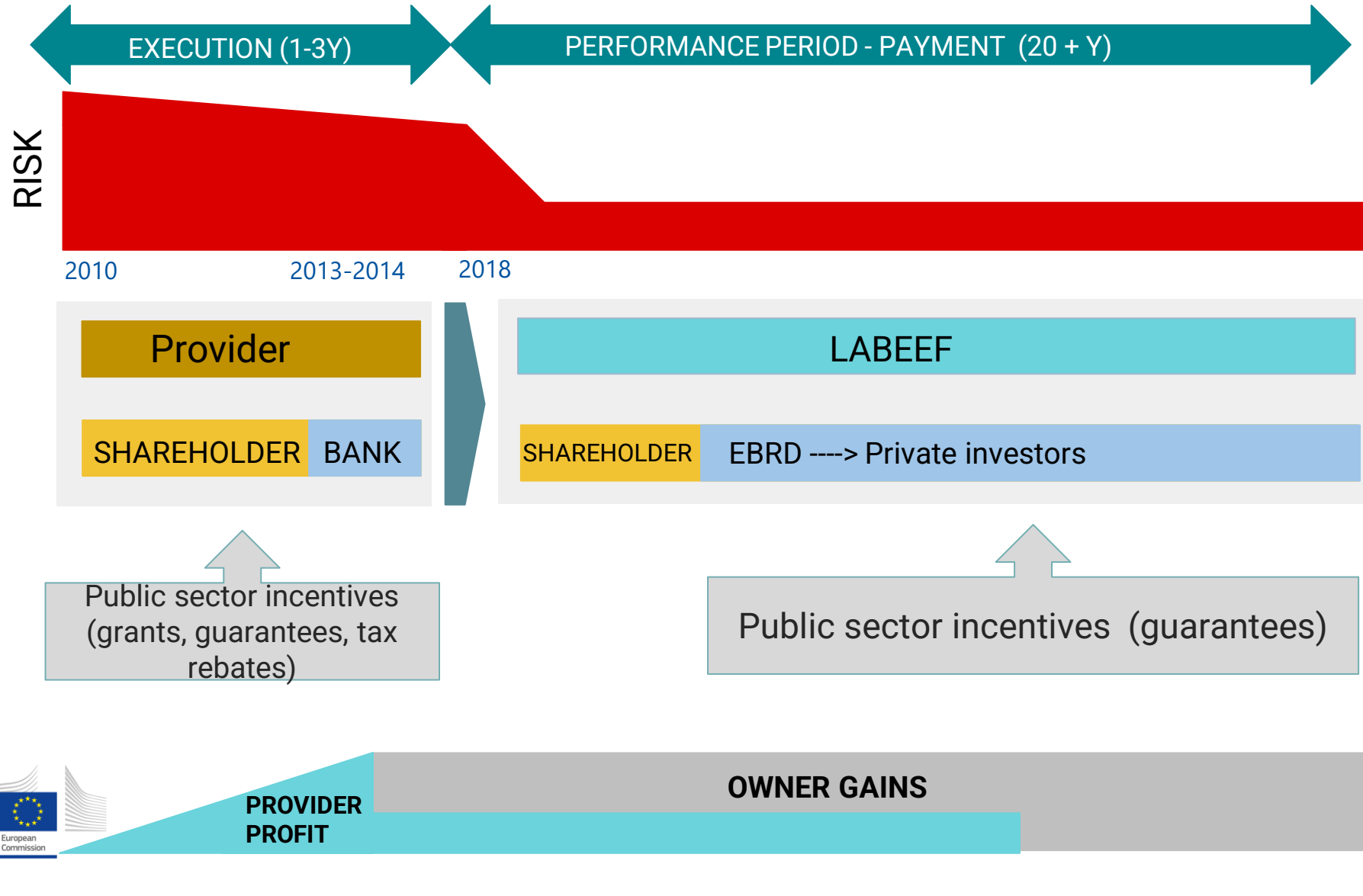


LABEEF

Latvijas Ēku
Energoefektivitātes Fonds

Latvian Building Energy
Efficiency Facility

GUARANTEED SAFETY, HEALTH AND COMFORT™



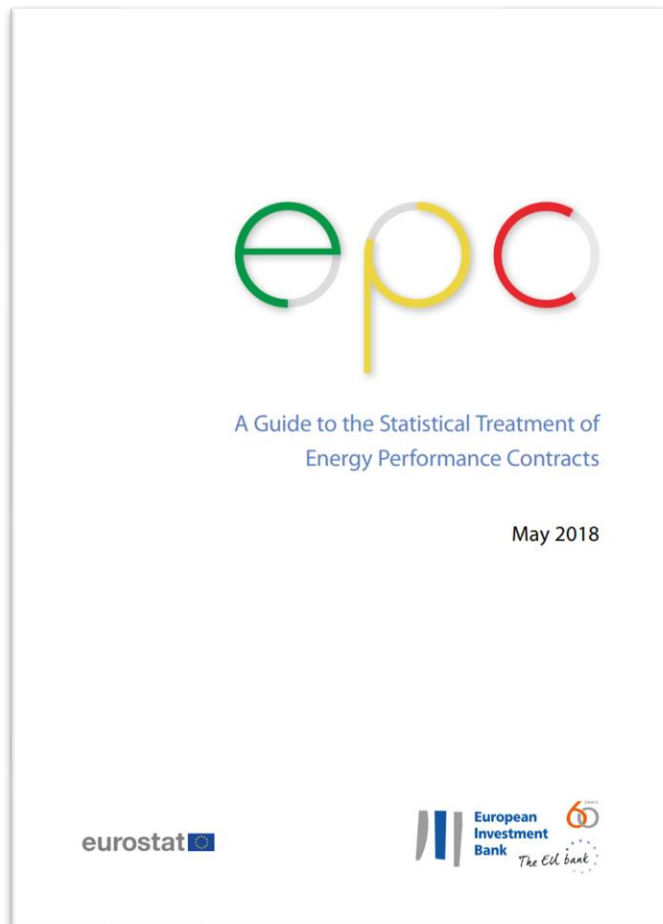


Publications on EPC and shared management funds

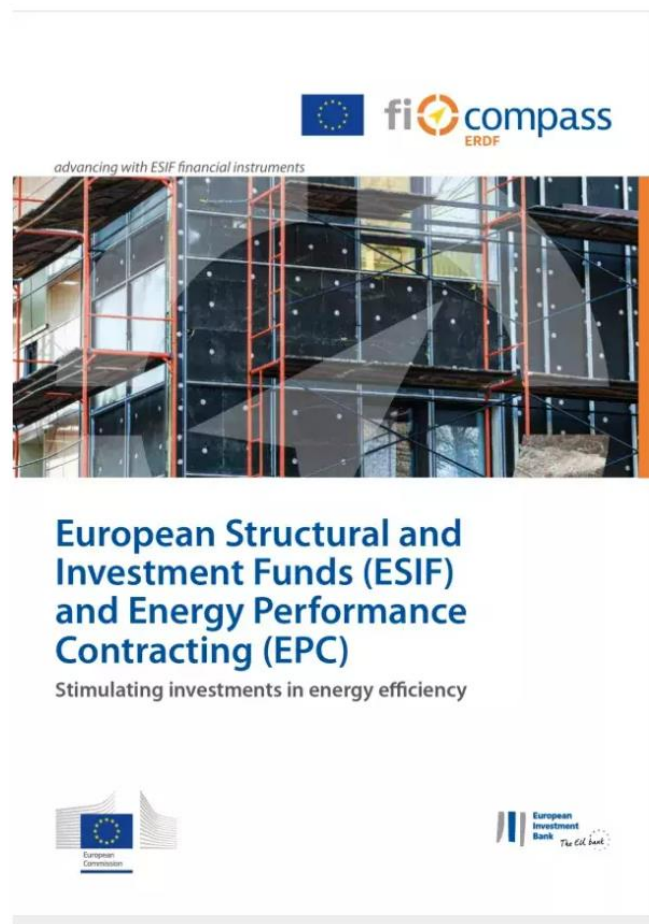
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Additional resources



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