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Energy Efficiency Services - EU legal framework, available support programmes and good practices from Member States

Energy Performance Contracting benefits

Source: CODEMA, EESI

European Commission

A policy framework already supporting the development of Energy Performance Contracts

EED Directive 2012/27/EU

Article 18

- Model contracts
- Info on financial instruments
- ESP list/interface
- Quality labels
- Points of contact for final customers
- Removal of barriers impeding EPC uptake
- Independent mechanism to handle complains
- Market intermediaries
- Etc.

...but also

Article 5

Promotion of use of energy services in the public sector (central government renovations)

Article 7

Actors such as ESCOs can contribute towards meeting the end-use target imposed on the energy companies

Article 19

Public purchasing, annual budgeting and accounting to ensure public bodies can use EPCs and TPF

Article 8

Boost for the uptake of energy audits

EED policy support for energy services

Source: JRC analysis based on National Energy Efficiency Action Plans 2014

	Legislative measures	Financial incentives	Info. measures	Registry of ESPs
AT		✓	✓	✓
BE				
BG	✓	✓		
CY	✓		✓	✓
CZ	✓	✓	✓	✓
DE				
DK			✓	✓
EE	✓			
EL	✓		✓	✓
ES	✓	✓	✓	
FI		✓	✓	
FR				
HR	✓	✓	✓	P
HU				

	Legislative measures	Financial incentives	Info. measures	Registry of ESPs
IE			✓	
IT				
LT	✓			
LU				
LV	✓		✓	
MT				
NL			✓	✓
PL	✓			✓
PT				
RO				
SE				P
SI				
SK				P
UK			✓	✓

ESP: Energy Service Providers
P: Planned

Joint Research Centre

European Commission

Proposed Energy Efficiency measures with an impact on the EPC market

Energy Efficiency Directive

THE 30% ENERGY EFFICIENCY TARGET BY 2030

- Give investors the security that it is worth investing in energy efficiency

Art 7 EED: Extending existing energy saving obligations beyond 2020 **(1.5%/year)**

- Attracting private investment for energy efficiency renovations

And the Smart Finance for Smart Buildings Initiative

EPC and accounting rules for national accounts

- "ESA 2010", our accounting framework

- Eurostat, a General Directorate of the EU Commission, responsible for the data assessment and the methodology of the "Excessive Deficit Procedure" statistics since the Maastricht Treaty in 1992

- Eurostat Guidance note on accounting treatment of Energy Performance Contracts from August 2015

- **Task Force meeting on the accounting treatment of energy performance contracts**

- If relevant, an amended guidance note of Eurostat on the impact of energy performance contracts in government accounts

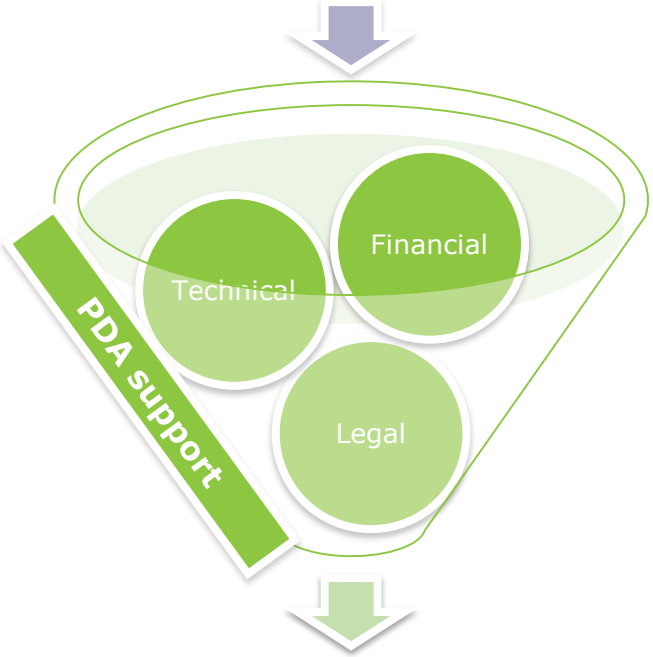
And many other activities

FACTS

- JRC ESCO report
- H2020, the EU programme for research and innovation
- EU Project Development Assistance Facilities
- EFSI – European Fund for Strategic Investment
- ESIF - European Structural and Investment Funds
- EEEF: European Energy Efficiency Fund
- PF4EE: Private Finance for Energy Efficiency

Driving demand with Project Development Assistance (PDA)

Project Promoters with identified investments



Bankable projects

- Develop exemplary and innovative projects & replicable investment models
- Mobilise local actors and increase their competencies
- Accelerate the mass-scale uptake of sustainable energy solutions
- Improve investors' confidence

ELENA in the H2020 WP 2017

Scope:

Support significant bankable investments (> 30 million EUR) in:

- Energy efficiency and distributed renewable energy
- Urban transport and mobility (e.g. use of innovative solutions such as alternative fuel vehicles)

Final beneficiaries:

- Public and private project promoters (e.g. regions, cities, transport operators,)

ELENA budget:

2017

energy: EUR 20 m

transport: EUR 10 m*

* Budget from SC4 WP16/17

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H2020 - EU Support in the energy services market

- **EnPC Code of Conduct:** Transparense
- **EnPC facilitation services:** EESI2020, Streetlight EPC
- **Procurement:** Fresh, ESOLi, Eurocontract, EESI
- **Market analysis:** Transparense, ChangeBest, EESI

☑ Facilitating Energy Performance Contracting

Antwerp, Barcelona, Berlin, Dublin, Graz, Prague, Oslo, Sofia and Zagreb

- 9 European energy agencies and experts from 9 countries
- Focus: Energy performance contracting in buildings in major cities and metropolitan regions across Europe
- Trained 800 (new) contracting facilitators
- Matching demand with supply: triggered nearly 30 mio investment in EPC
- First energy performance contracting on public buildings in Croatia
- **Single point of access to high quality reference guidance: eesi2020.eu**

☑ Facilitating Energy Performance Contracting

- EPC market facilitation key to activate energy performance contracting
- 9 Regions to develop performance contracting for street lighting
- Facilitation services:
  - 50+ regional events with 1.500+ participants
  - 50+ meetings with financing bodies
  - 75 projects supported
  - 30 projects already implemented
- **Reference guidance, Quick checks, FAQs: www.streetlight-epc.eu**

Carlow & Kilkenny County (IRL), Upper Austria (AT), South East Sweden (SE), North-West Croatia (HR), Podravje (SL), South Bohemia (CZ), Macedonia (FYROM), Pomerania (PL), North/Central Spain (ES)

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H2020 – Aggregation and EnPCs

- **Bundling EPC projects:**

  Paride (IT), Accelerate (ES), ENSAMB (NO), BEAM-GRAZ (AT), GLEE AM (PT), MARTE (IT), 2020TOGETHER (IT), BEENERGI (ES), FESTA (IT)

- **EPC in housing:**

  POSIT'IF (FR), SUNSHINE (LV), PadovaFIT (IT)

- **Other Public-Private ESCO schemes:**

  ESCOLIMBURG (BE), PSEE Alsace (FR), NewInRetro (UK)

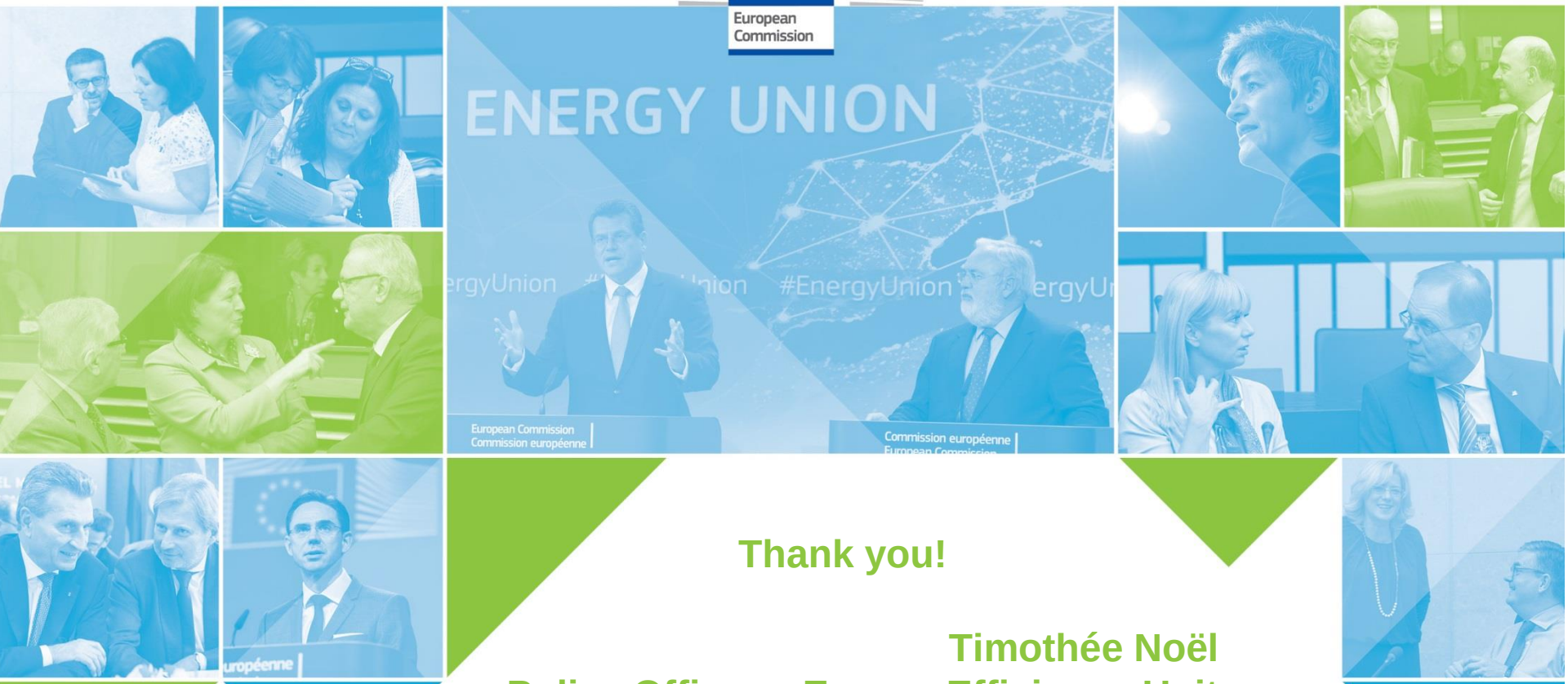
Example of Project Development Assistance

- Launch of a public-private venture to develop an Energy Service Company (ESCO)
- Deep retrofit programme for condominiums, social housing and public buildings
- All-inclusive "Design-Implement-Operate" package with guaranteed energy savings (>40%) and Third Party Financing to condominiums
- EU grant: 1.5 M€ (leading to at least 40 M€ of EE investments)
- http://www.energiespositif.fr/

Énergies POSIT'IF
Rénovation énergétique et énergies renouvelables

Résidence Lançon (64% savings)

European Commission



Thank you!

Timothée Noël
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DG ENER, European Commission

https://ec.europa.eu/energy/en/news/commission-proposes-new-rules-consumer-centred-clean-energy-transition