



EU support to the energy services market

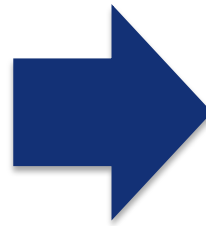
**Selection of relevant projects funded under
Intelligent Energy Europe (IEE) & Horizon 2020**

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EASME



European
Commission

Executive Agency for
Small and Medium-sized Enterprises



IEE (2007-2013)

- € 730 million
- 500+ projects

Horizon 2020 (2014-2020)

- € 80 bn in total for R&I
- € 6 bn for energy

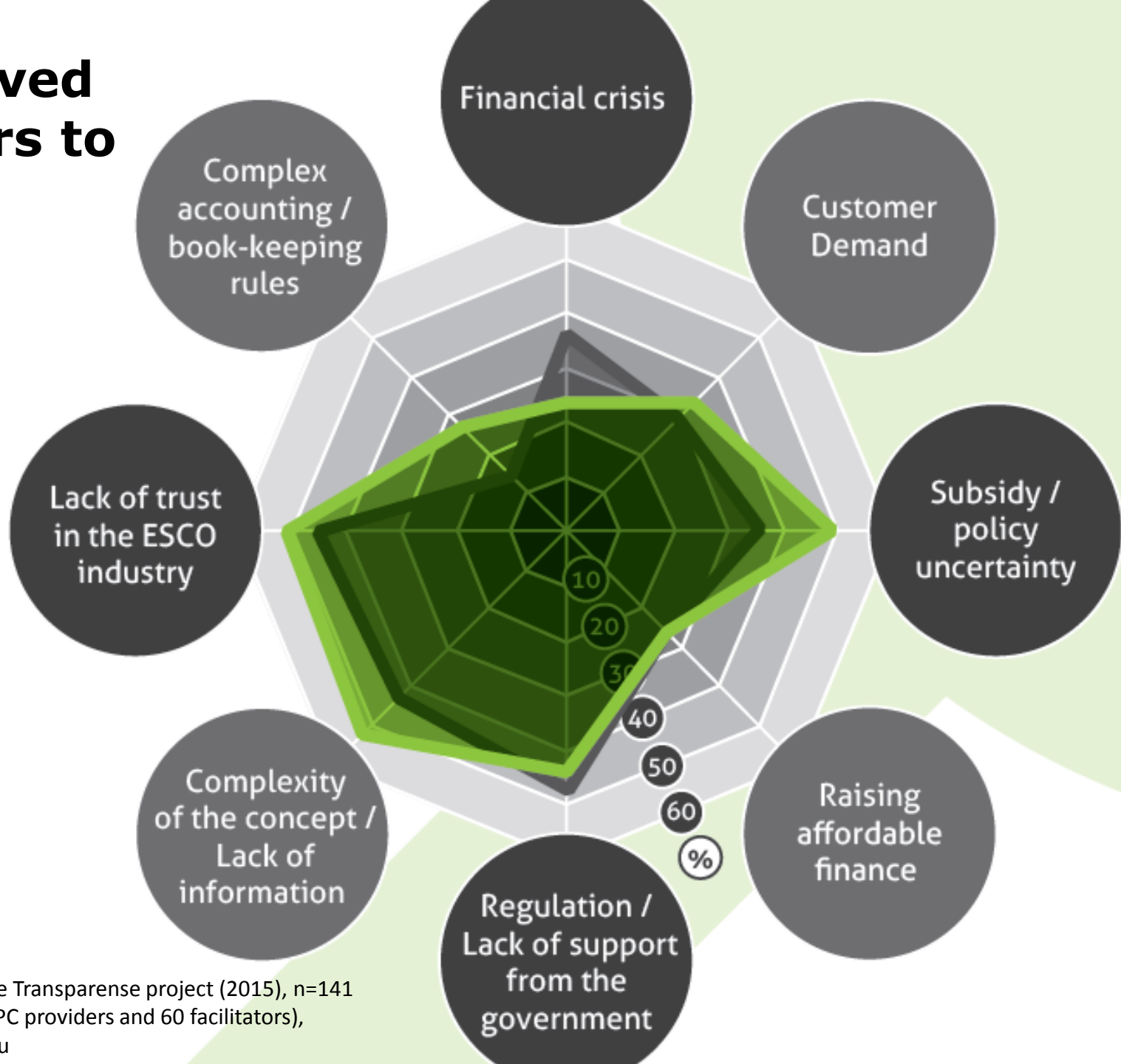
Perceived barriers to EPC



2013



2015



Source: Results of the Transparense project (2015), n=141 market players (81 EPC providers and 60 facilitators), www.transparense.eu



Energy Efficiency
Financial Institutions Group

What is needed acc. to financial institutions

To roll-out Energy Performance Contracts (EPC):

- Proper implementation of the EE Directive
- Capacity building
- Standardisation
- Market facilitation and aggregation
- Grouping of SMEs to offer EPC
- Addressing the supply of finance

Supporting the EE Directive implementation



Concerted Action for
Member State
implementing bodies
(28+1 countries)

Covers 8 Core Themes,
including: *Energy services
and ESCOs, energy
auditing, solving
administrative barriers*

www.ca-eed.eu

Building capacity, standards and trust

- EPC Code of Conduct: *Transparens*
- Market facilitation, model contracts: *EESI2020; ESOLi; Streetlight EPC; FRESH; Eurocontract*
- Capacity building: *EnPC-INTRANS, CITYNVEST*
- Standardisation: *EPC PLUS*
- M&V: *PERMANENT*
- Market analysis: *Transparens, ChangeBest*



Supporting project aggregation

- Project Development Assistance with leverage factor of at least 1:15
- Sectors: public buildings and street lighting
- Bundling between municipalities: *PARIDE (IT)*, *FESTA (IT)*, *ACCELERATE (ES)*, *BEENERGI (ES)*, *GLEE AM (PT)*, *ENSAMB (NO)*, *ESCOLIMBURG (BE)*
- Within municipalities: *BEAM-GRAZ (AT)*, *2020TOGETHER (IT)*
- Healthcare bdgs: *MARTE (IT)*



Example: PARIDE project (IT)

- Street lighting upgrade with EUR 17m investment
- Bundling of 34 municipalities into 3 project associations who launch joint calls
- Province of Teramo and energy agency in charge of data gathering, performance specifications and tender preparation
- Contracts will be procured jointly but signed individually

Supporting ESCO in the residential sector

- Improving market conditions for ESCOs:
 - *SUNSHINE (LV), PadovaFIT (IT)*
- On-bill finance / on-tax schemes:
 - *NewInRetro (UK), PSEE Alsace (FR)*
- Semi-public ESCO scheme:
 - *POSIT'IF (FR)*

Example: POSIT'IF project (FR)

- Deep retrofit of condominiums in Paris region
- Establishment of semi-public ESCO offering project design/implementation, guaranteed savings and financing for each household
- Results to date: 1 600 dwellings with investment of €18m
- Expected investments of €40m for 2014-2016 (leverage 1:19)
- Identification for EFSI participation

Example: SUNSHINE project (LV)

- Rennovating privately owned condominiums with RENESCO-model in Latvia: 50-60% savings, 20 year contracts
- But ESCOs have limited balance sheet capacity and can't support long term debt
- => Scheme to re-finance ESCOs by selling future cash flows (receivables) by a forfeiting transaction
- Forfeiting fund in discussion with EBRD



More resources on EPC



Project factsheets,
training materials,
handbooks, decision-
making tools, model
contracts, tender
documents, case
studies, etc.



Database of EPC tools

<http://ec.europa.eu/energy/intelligent/in-action/energy-performance-contracting>



2016 Call for Proposals



Energy Efficiency Call 2016

Deadline

Likely start date of projects

EE-22: Project Development
Assistance

EE-24: Making the EE market
investible

EE25: Development and roll-out of
innovative energy efficiency services

**15 Sept.
2016**

May
2017



More info on the EE Call 2016

- Info Day on 8 Dec 2015
- EASME Energy Efficiency webpage: <http://ec.europa.eu/easme/en/energy>
- Practical information on H2020: <http://ec.europa.eu/programmes/horizon2020/en/how-get-funding>
- For questions on the energy efficiency call: EASME-Energy@ec.europa.eu
- National Contact Points: http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html



Thank you for your attention



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