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Energy Efficiency Centre

EPC+ PROJECT

Energy Performance Contracting Plus

START DATE | MARCH 2015
DURATION | 36 MONTHS
EU CONTRIBUTION | 1 486 018 EUR
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WEBSITE | WWW.EPCPLUS.ORG

BACKGROUND

- Energy Performance Contracting (EPC) is generally looked upon favourably, but the implementation can be complicated and lengthy. One reason are heavy procurement law provisions and complex contracts which impede a wider spread of EPCs in the public and private sector. The other main barriers for the implementation of EPC in Small and Medium sized Enterprises (SME's) are:
 - The transaction costs for procuring energy services are too high
 - Investments and project sizes are too small
 - It is difficult to obtain financing for such small projects
 - High costs for guarantees
 - High costs for measurement and verification procedures.



GOALS

- The development and establishment of, at least one, SPIN (SME Partnerships for Innovative Energy Services) in each participant country/region. A SPIN is a cluster of independent energy service providers that supply EPC services through a structured, long-term collaboration with common agreed objectives.
- The development of an EPC+ International Platform: an international 'market place' where its members can safely exchange valuable know-how and develop EPC-models and SPIN-concepts.
- The provision of a new EPC+ service through the standardization and simplification of existing energy performance contracting models.
- The implementation of at least 33 pilot projects to display the performance and efficacy of the new EPC+ service.

EPC+ SERVICE DEFINITION

- Is realized by a SPIN
- Is performance-based
- Is innovative, by implementing either: (1) an existing service in a new sector, (e.g. in the sector of SME's or multifamily buildings), (2) an innovative service in a sector where performance-based projects are already realized and (3) a combination of both.

ACHIEVEMENTS

- Generic business plan for EPC+ services developed.
- SPIN collaboration model contracts for the three types of SPINs (simple, complicated and complex) and SPIN establishment guidebook developed.
- 16 SPINs in the 12 participant countries/regions established, one in each country/region except for Belgium (3 SPINs), Germany (2 SPINs) and Spain (2 SPINs).



- SPIN training courses implemented in 11 countries/regions.
- EPC+ International platform developed (www.energyefficiencynetwork.eu) with 15 members currently participating in the platform.
- Technical toolboxes developed with simplified, standardized technical solutions for EPC+ services consisting of 10 energy efficiency measures (e.g. indoor lighting, modernization of heat pumps and electrical motors, BEMS and HVAC optimization, replacement of heating boilers, industrial boiler optimization) and 6 renewable energy measures (e.g. solar DHW, PV, Heat pumps).
- Financial toolbox developed for the financial analysis of the proposed measures.
- EPC+ presentations, leaflets, newsletters.
- Modular EPC+ model contract developed.
- 29 pilot project clients already recruited.
- 7 EPC+ contracts already signed.

FURTHER INFO

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