Solar Bankability

Standardization and benchmarking to mainstream sustainable energy finance

Final Public Workshop
Brussels (Belgium), 08/02/2017

Björn Zapfel, European Commission - EASME
2030 Framework for Climate and Energy

2020
-20% Greenhouse Gas Emissions

20% Renewable Energy

20% Energy Efficiency

10% Interconnection

2030
≤ - 40% Greenhouse Gas Emissions

≥ 27% Renewable Energy

≥ 27%* Energy Efficiency

15% Interconnection

* To be reviewed by 2020, having in mind an EU level of 30%

Investments needed in the European energy system
> €200 billion per year
> 120 participants from finance sector/other key stakeholders

=> "Energy Efficiency – the first fuel for the EU Economy. How to drive new finance for energy efficiency investments"

- Commonly accepted underwriting procedures, contract elements, protocols
- Tracking projects' energy/financial performance to increase trust in financial viability

- Standards and common investment language
- Standard (underwriting) investment procedures
- Standardisation of energy performance contracting
- Operational performance database
- Project ratings/benchmarks/best practice models
- Optimised use of public funds (e.g. ERDF)
- Technical assistance to identify investments and create project pipelines
- R&D to reduce cost and improve up-take of investments
- Skills to assess investments (and knowledge of technologies)
Financing sustainable energy investments

Filling the gap through EU programmes

More effective use of public funds

Intelligent Energy Europe & Horizon 2020

Assistance and aggregation

Financial sector

EU structural funds & European Fund for Strategic investments

Innovative financing schemes

Energy performance contracts

Project development assistance

Project developers

Awareness raising & dialogue & capacity building

Standardisation & benchmarking

De-risking

Adapted from C. MILIN, ECEEE 2013
Support to the best use of public funds

- Facilitating Energy Performance Contracting
- Innovative Financing Schemes
Support to Technical Assistance (PDA) and aggregation

- Creating capacity and demand at local level
- Retrofit of public buildings (EPC bundling)
- EPC in the rental social housing sector or multi-family houses
- One-Stop-shops, home renovation
- Retrofit of public lighting
- Retrofit of District Heating

€700 mill. of investment

€20 mill. funding to 28 Project Promoters
Support to de-risk sustainable energy investments

- Improved data, standard risk assessment and project documentation, reliable cash flows, reduced transaction cost, quality labels
- Improve valuation processes
Solar Bankability

Mainstreaming sustainable energy finance by standardization and benchmarking

- Enhancement of bankability/financeability of PV investments
- Data bases for the evaluation of technical risks
- Simplification, standardization and common practice of technical/financial risk assessment
- Improvement of profitability modelling
- Reduction of investor uncertainty
- Best practice guidelines
Horizon 2020 support - new opportunities
Call Deadline: 7 June 2017 (17:00 CET)

EE22 - Project Development Assistance
EE23 - Innovative financing schemes
EE24 - Making the energy efficiency market investible

H2020 Energy Efficiency Call 2017
Call texts: http://bit.ly/1oWPNoX
Thank you

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https://ec.europa.eu/easme