#H2020Energy

Horizon 2020 Work Programme for Research & Innovation 2018-2020

"Project Development Assistance" and more

Martin EIBL
B.1.3 H2020 Energy - Public Authorities, Energy Services and Financing
EASME
## Energy Efficiency – Call 2018 topics

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### EU Support: 70%
3 to 30 M€ / project

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### EU Support: 100%
0.5 to 2 M€ / project

**DT-ICT-10**
Project Development Assistance (PDA) in a nutshell

• Started in 2011 under the Intelligent Energy Europe programme and continued under H2020 programme

• Build capacity and a project pipeline across Europe

• 33 projects funded triggering >€798m investments

What?

- Launch of concrete sustainable energy investment projects
- Building technical, economic and legal expertise

Who?

- Public and private project promoters (e.g. public authorities or their groupings, public/private infrastructure operators and bodies, energy service companies, retail chains, large property owners and services/industry)
- Proposals from 1 single entity are eligible!

Sectors targeted?

- Existing public & private buildings including social housing
- Street lighting
- Water / Wastewater services
- Retrofitting of existing district heating/cooling
- Industry and services
- Urban Transport
Main features?

• Lead to investments launched before end of the action (i.e. signed contracts for sustainable energy investment – e.g. construction work, energy performance contract, turnkey contracts)

• Every million Euro of H2020 support should trigger investments worth at least EUR 15 million (1:15)

• Have an exemplary/showcase dimension in their ambition (i.e. reduced energy consumption and/or investment size)

• Deliver organisational innovation in financial engineering (e.g. on-bill financing schemes, guarantee funds, factoring funds) and/or mobilisation of investment programme (e.g. bundling, pooling, stakeholder engagement)

• Demonstrate high degree of replicability and include clear action plan to communicate experiences/results across EU towards potential replicators

• Build on the experiences from previous PDA
'Investment costs' refers to

- Investments which are directly related to or required for energy savings and/or renewable energy generation ("energy investment costs")

- Other measures should not be included in the proposed investments

- For example in a building refurbishment:
  - energy costs could include changing windows, insulating the façade and painting it after insulation,
  - but not painting the hallways or changing the bath tub.

- Investment costs should include VAT only for entities which cannot reclaim it

Size of investment portfolio: EUR 7.5 million – EUR 50 million
Large scale investment projects: see ELENA programme
Other topics of interest
EE-2-2018-2019: Integrated home renovation services (CSA)

Specific Challenge

- Many project promoters lack the skills and capacity to set up, implement and finance ambitious low-energy and clean energy building projects

Scope

- Create or replicate innovative local or regional "integrated home renovation services" covering the whole "customer journey" from technical and social diagnosis, technical offer, contracting of works, structuring and provision of finance, to the monitoring of works and quality assurance
- Services should be operational at the end of the project and create more demand for holistic approaches

Expected impact

- Implementation and upscaling of economically viable business models, ultimately running without the need for public subsidies
- Availability of adequate financing offer for integrated renovation services
- Strong and trustworthy partnerships with local actors and quality of the proposed services recognized by market actors
- Development of large, locally-developed investment pipelines for home renovation, connecting the supply of finance with demand for it
- Uptake of home energy renovation at local level
Energy Efficiency – Call 2018

EE-17-2019: European City facility - European Cities as key innovation hubs to unlock finance for energy efficiency (CSA)

**Specific Challenge**

• Despite a tremendous potential, too few cities and communities in Europe succeed in developing and scaling up investment packages due to **lack of capacity and resources** of public authorities, especially of small and medium-sized municipalities, to transform their overall long-term strategies (e.g. Sustainable Action Plan or similar) into **credible investment concepts**

**Scope**

• Set up/operation of a 'European City Facility' as an intermediary offering financial support and services to large number of cities and municipalities (or groupings) to:
  • Develop innovative investment concepts (identification of the potential project pipeline, financing strategy, governance analysis, design of the process for launching investments, etc.)
  • Within a limited period of time
  • Via "cascade funding" (i.e. "lump sums")

**Expected impact**

• Investment concepts; tangible sustainable energy investments; increased leveraging of finance into energy efficiency investments by public authorities; for every million Euro of Horizon 2020 support trigger energy efficiency investments worth at least EUR 20 million; increased capacity of public authority staff for developing investible energy efficiency projects; innovation uptake by potential replicators; primary energy savings; renewable energy production

Opening: 1 August 2018 – Deadline: 5 February 2019
More information and help


In-depth presentations of a large number of ongoing and closed PDA projects.
11 PDA projects

- supported under Horizon 2020 since 2014
- 2017 PDA projects: contract under preparation

22 MLEI projects

- supported under Intelligent Energy Europe from 2011-2013
Start early ... start now!

Call opening: 25 January 2018

Submission deadline: 4 September 2018
(except EE-17)
Thank you!

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