Project Development Assistance (PDA)

Project Development Assistance for sustainable energy investments

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Project Development Assistance

Sustainable Energy Investment Pipeline - Ambition and Scale
Objectives

• Highly ambitious sustainable energy project pipeline (ready-to-finance / bankable projects)

• Innovative approach (financial and/or organisational)
  • Mobilization of private finance (incl. blending)
  • Long-term and scalable financial instruments
  • Removal of legal and structural barriers (administrative, market etc.)
  • Structuring / aggregating (pooling, bundling) investment projects (to reach critical size)

• Build technical, economic and legal expertise needed for project development and implementation

• High degree of replicability
Public and private project promoters

- Public authorities (incl. groupings)
- Public/private infrastructure operators and bodies
- Energy agencies
- Energy service companies
- Large property owners
- Retail chains
- Services
- Industry
Preparation and launch of investment pipelines of sustainable energy projects

- Organisational innovation and/or
- Financial engineering
- Removal of existing barriers
Scope

Demonstration of clear **showcase dimension** in delivering replicable solutions to accelerate sustainable energy investments across Europe:

- **Organisational innovation** in the mobilization of the investment programme, e.g.:
  - Set-up of project development units;
  - Establishment of efficient procurement procedures;
  - Large-scale bundling and pooling of (mixed) assets etc.

**AND/OR**
Scope

Financial engineering with focus on enhanced levels of private investment and improved combination of existing funds, including e.g.:

- Energy Performance Contracting;
- Dedicated financial instruments;
- Blended funds;
- Innovative on-bill / on-tax payment schemes;
- Community-based financing schemes etc.
High ambition levels for energy savings and decarbonisation, e.g.:

- Deep renovation;
- Nearly zero-energy building (nZEB) or zero-emission building (ZEB) standards, incl. building-integrated renewables;
- Positive energy buildings or districts;
- Highly energy efficient infrastructure etc.
### Target sectors

**BUILDINGS**
- Existing residential (incl. large social housing operators, district-level renovation approaches)
- Existing non-residential (commercial and public: e.g. offices, hospitals, academies, defence facilities)

**DISTRICT HEATING / COOLING NETWORKS**
Decarbonisation and modernization (incl. extension of existing networks fully based on low-temperature renewable energy or waste heat)

**INFRA-STRUCTURE**
Existing public infrastructure (e.g. water, wastewater, lighting)

**BUSINESSES**
Enhanced energy efficiency of industry and services (incl. SMEs e.g. via market facilitators)

**RENEWABLES**
Renewable energy production by energy communities or other citizen-led initiatives

**MOBILITY**
- Clean and energy efficient urban transport infrastructure
- Low emission urban mobility solutions
- Integration of smart recharging infrastructures in buildings

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Facts and figures

- Tangible **investments** (incl. scalable financing solution) **launched before** the end of the action (signed work or investment contracts)!
- Leverage ratio: **1:15 / 1:10** for **exclusive** investments in residential buildings
- Contribution to **increased skills and capacity** to deliver further sustainable energy investments
- Proposals by **single applicant** or **applicants from a single eligible country** are eligible!
- **Expected project size**: € 1 – 1.5 million
Impacts + Indicators

Proposals should demonstrate how project results will contribute to expected impacts.

- Proposals should (as relevant):
  1. Address impacts related to common indicators for the LIFE-CET subprogramme
  2. Quantify impacts using the provided topic-specific indicators
  3. Propose additional indicators which are specific to the proposed activities (activity-specific)

- Quantification for project end/duration and for 5 years after project end

- Detailed analysis of starting point, definition of well-substantiated underlying assumptions and establishment of clear, causal links between activity results and expected impacts
Impacts

EXPECTED IMPACTS

- Staff of project promoter organisations with increased skills
- Primary and final energy savings / renewable energy generation triggered
- Reduction of GHG emissions
- Investments in sustainable energy triggered by the project
- Jobs directly / indirectly created
- Organisations with increased capacity

Activity-specific impacts
Key features of a successful PDA proposal

Adequate starting point
Identified targeted investments, market needs and barriers, commitment from key stakeholders

Clear concept
Steps to reach the planned investments, financial engineering (e.g. Energy Performance Contracting), procurement process

Solid impact
Credible quantitative and qualitative estimations (incl. sound baseline), realistic assumptions, clear focus on monitoring and reporting

Proven engagement
of final investment beneficiaries at proposal stage and during whole duration of the action
PEDIA - Promoting Energy Efficiency & Developing Innovative Approaches in Schools

- **Horizon 2020 PDA**
- Renovation of 25 schools to nZEB standard in Cyprus
- Urban, rural and mountainous school buildings all across Cyprus
- **EUR 20m dedicated fund** from EU Cohesion Fund
- **Bundling** of projects and **central procurement** by Cyprus Energy Agency
- Collaboration with Ministry of Education with potential to reach out to all 700 schools
COHEAT2 - Enabling South-Denmark Climate Ambition

- **LIFE PDA**
- **Green heating** (individual heat pumps, local microgrids, district heating) and **energy renovation**
- Coordination by the **Region of South-Denmark**
- 7 municipalities + replication in 15 others
- **EUR 31,9m** investments (for EUR 1.5m EU funding)
Examples of previous PDA projects

- **Horizon 2020:**
  - [https://cordis.europa.eu/](https://cordis.europa.eu/)

- **LIFE:**
  - Call 2021: [https://europa.eu/!XTMXRt](https://europa.eu/!XTMXRt)
  - Call 2022: [https://europa.eu/!YPM4Gy](https://europa.eu/!YPM4Gy)
Keep in touch with us

Any questions on CET call topics? Email us on: CINEA-LIFE-CET@ec.europa.eu

https://cinea.ec.europa.eu/life_en
Thank you very much!

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