PROGRAM FOR ENERGY EFFICIENCY IN BUILDINGS IN MEDITERRANEAN REGION (PEEB MED)

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meetMED Week
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Outline

- Context & Who we are

- PEEB Med
  - Objectives and scope of the program
  - Actors and implementation scheme
  - Financing Plan
  - Expected results

- Q&A
Context
THE PROBLEM A BOOMING CARBON-INTENSIVE SECTOR

Buildings and construction account for almost 40% of global CO2 emissions from energy.

By 2060, the built floor area will double.
Energy needs for cooling are predicted to triple by 2050.

Residential buildings in hot and tropical countries are a key driver.

85% of the buildings’ cost occurs during its lifetime, after construction.
Context
THE GLOBAL COST APPROACH

- Conventional buildings:
  - Long-term cost & CO₂ savings

- Energy-efficient buildings

- Small additional investment

Costs vs. Building lifetime:
- 30-80 years

Time
Context
THE GLOBAL COST APPROACH

Global cost = investment + maintenance + usage
Energy needs for cooling are predicted to triple by 2050. Residential buildings in hot and tropical countries are a key driver. 85% of the buildings’ cost occurs during its lifetime, after construction.

PEEB is transforming the sector through financing, policy and capacity-building with the vision to achieve a zero emissions and resilient buildings sector.
PEEB
An HOLISTIC APPROACH

PEEB combines financing and policy to bring projects to scale for long-lasting sector transformation.

- Development of large-scale green building projects by financing and expert support (Investment Facility).
- Improving strategies and regulations for resilient and efficient buildings through policy advice, capacity building and international awareness (Enabling Facility).

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Meet Med
PEEB Med

Objectives and Scope of the program

- **Objectives**
  - Energy savings and GHG emissions reduction
  - Adaptation to climate change, particularly thermal comfort improvement
  - Driving transformational change in the building and construction sector.

- **Scope of the program**
  - *TECHNICAL ASSISTANCE*: technical and financial feasibility study, architectural programming, climate risk assessment, carbon footprint, ESIA,…
    - EU: EFSD+ Guarantee scheme study for Loan
  - *INVESTMENT GRANT* partially covering costs generated by EE design measures
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Objectives and Scope of the program

PEEB MED approach to cover incremental costs of energy efficient measures

- Business as usual project
- Sustainable building
- Sustainable building supported by PEEB MED

- Capital and financing costs financed by PEEB MED
- Capital and financing costs

Costs coverage by the investment grant

Improvement of energy performance:

| ≥ 30% | 50% |
| ≥ 35% | 60% |
| ≥ 40% | 70% |
| ≥ 45% | 80% |

PEEB MED contribution rate to EE overcosts:
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Implementation and eligibility

Related to AFD Financing opportunity with a building component (renovation or new construction) : Hospital, training center, schools, control center, etc…

Technical Assistance: AFD PEEB Project Implementation Unit in charge of TA procurement

Investment Grant: AFD Technical Division + PEEB PIU in charge of appraisal and supervision

Signed in December 2022 for 10 years implementation period

Eligibility:
- Minimum 30% Energy savings ambition
- Official request letter from national counterpart
- No minimum or maximum amount per Country
### Indicative Financing Plan (in MEUR)

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>EU</th>
<th>AFD*</th>
<th>Other*</th>
<th>TOTAL</th>
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<tbody>
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<td>Component 1</td>
<td>Technical Assistance: F/S, supervision, EFSD+</td>
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<td>Component 2</td>
<td>Project Investment</td>
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<td>Component 3</td>
<td>PIU, Communication, Evaluation</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td>30</td>
<td>380</td>
<td>50</td>
<td>460</td>
</tr>
</tbody>
</table>

*Based on AFD indicative Pipe
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Expected Results and indicative pipeline

- **Expected results**
  - Energy savings: 37,800 MWh / year
  - GHG Emissions reduction: 20,000 tCO2eq / year
  - Renovated or constructed areas: 820,000 m2
  - Total direct + indirect beneficiaries: 29 Millions people

- **Indicative pipeline**
  - Palestine: St Joseph hospital renovation and extension in East Jerusalem
  - Palestine: Nurse school construction in Naplouse
  - Tunisia: Office Marine Marchande et des Ports (OMMP)
  - Algeria: prospection
  - …
Thank you for your attention

Q&A