

AFD
AGENCE FRANÇAISE
DE DÉVELOPPEMENT



Co-funded by
the European Union



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

Guillaume Monceaux

meetMED Week

09-11 May 2023



#MondeEnCommun
AGENCE FRANÇAISE DE DÉVELOPPEMENT

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**.

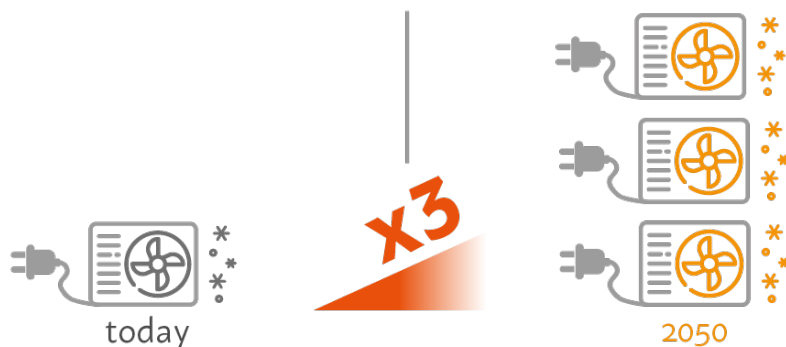


Context

THE PROBLEM A BOOMING ENERGY-INTENSIVE SECTOR



Energy demand from the building sector



Energy needs for space cooling

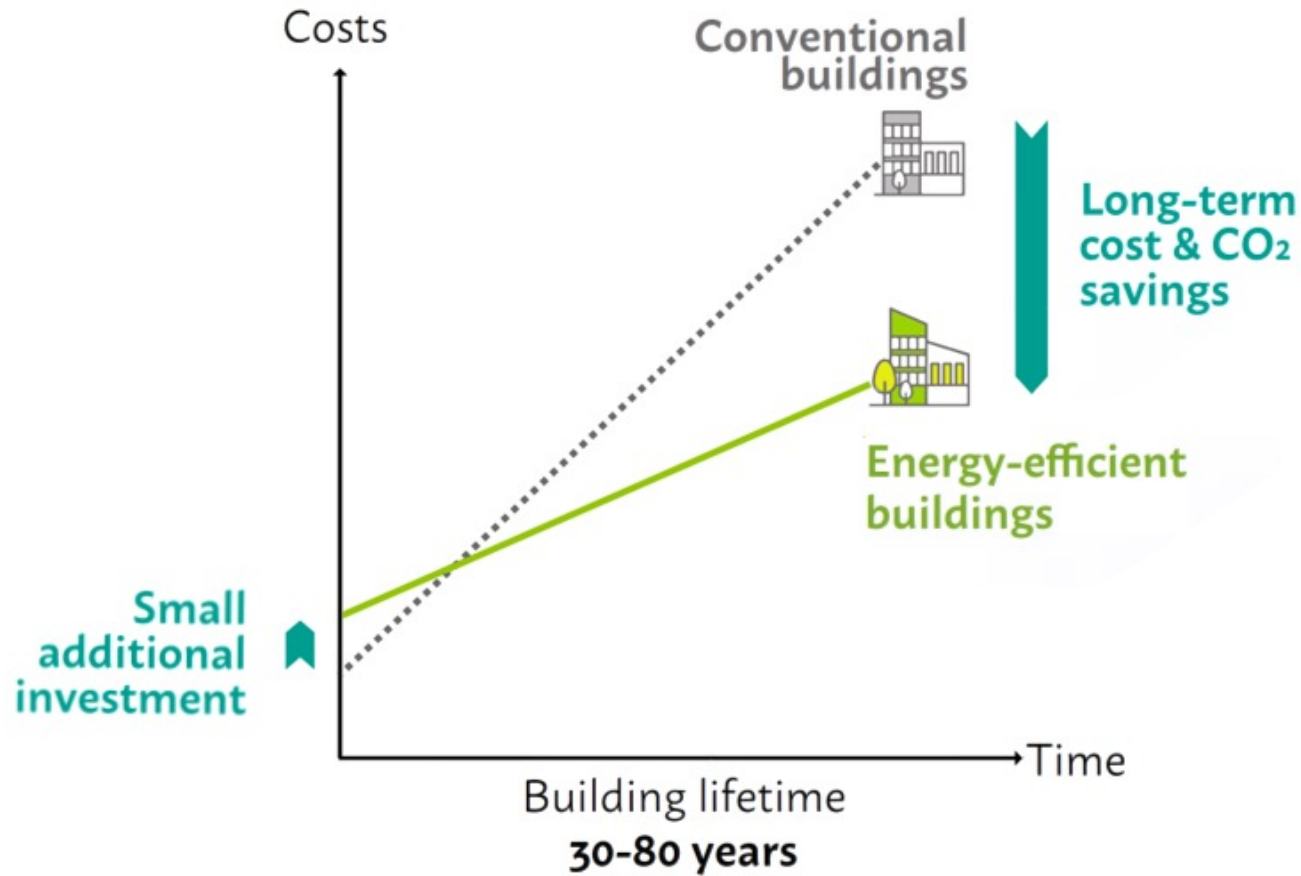
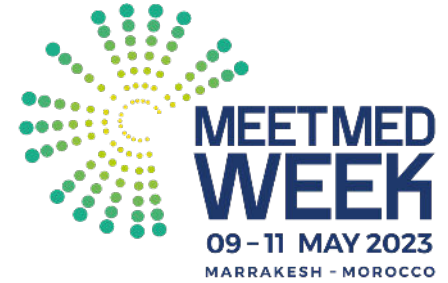
Energy needs for **cooling** are predicted to **triple** by 2050.

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

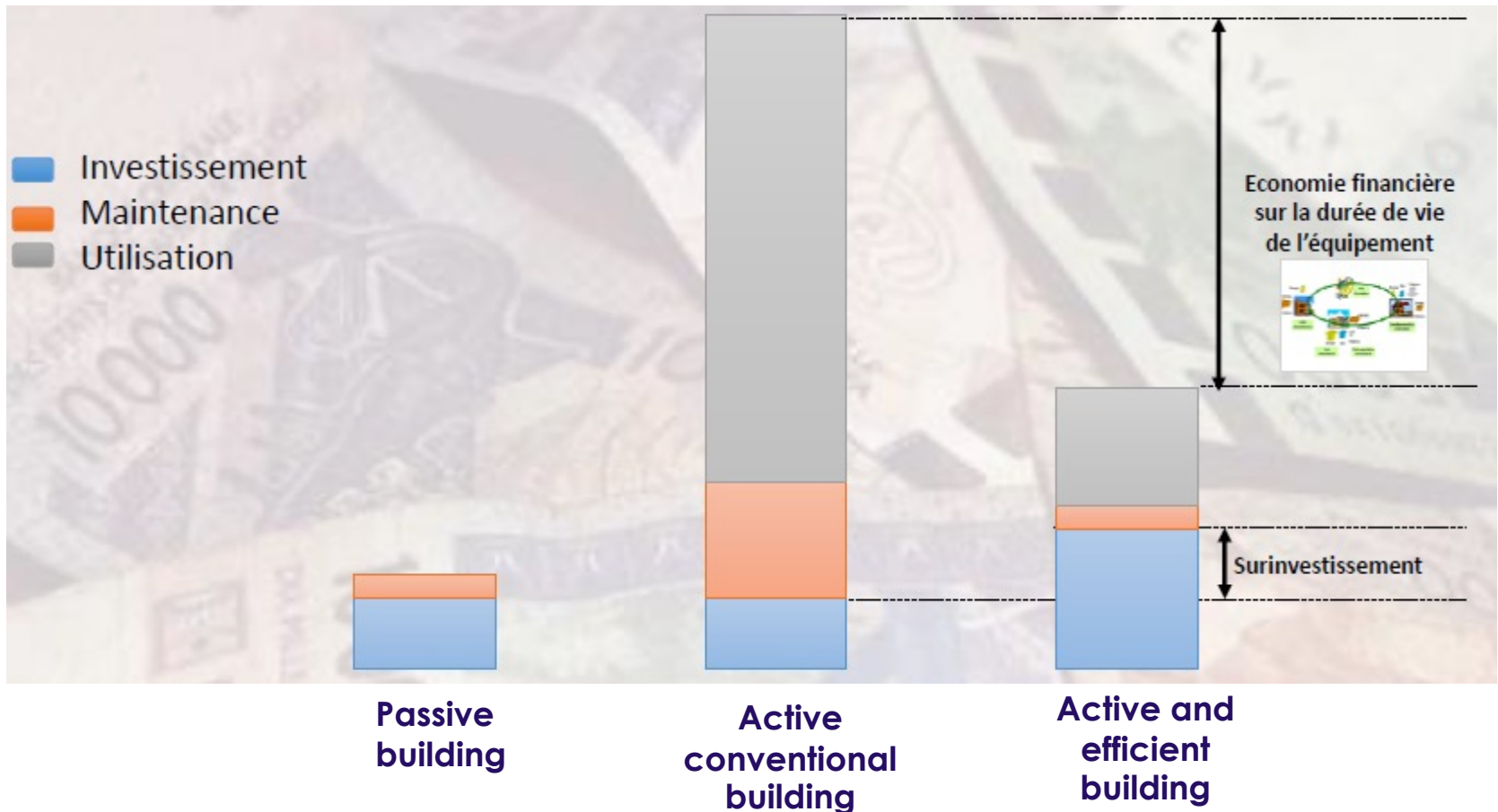


Context

THE GLOBAL COST APPROACH



Global cost = investment + maintenance + usage



PEEB

Who we are



Launched in 2016, the Programme for Energy Efficiency in Buildings is funded by



Co-funded by the European Union



Implemented by



Supporting



May 8, 2023 **PEEB Med**

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.

Investment Facility

Supporting large-scale construction projects

Project preparation and design

Project investment funding

PEEB Med

Enabling Facility

Policies and capacity for the buildings transition

Sectoral investment frameworks

Public policies

Capacity building

Knowledge

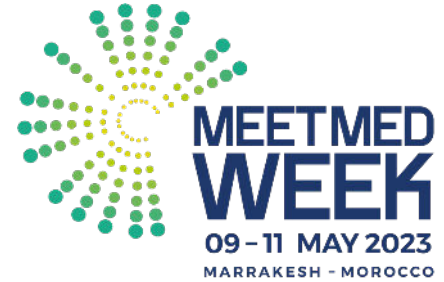
Meet Med

- 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).

PEEB 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

PEEB Med

Objectives and Scope of the program



PEEB MED approach to cover incremental costs of energy efficient measures



Costs coverage by the investment grant	Improvement of energy performance:	PEEB MED contribution rate to EE overcosts:
	≥ 30%	50%
	≥ 35%	60%
	≥ 40%	70%
	≥ 45%	80%

PEEB Med



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**

PEEB Med

Indicative Financing Plan (in MEUR)

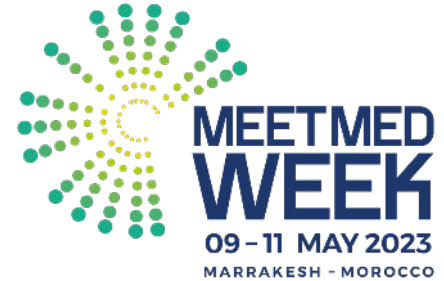


Component	Description	EU	AFD*	Other*	TOTAL
Component 1	Technical Assistance: F/S, supervision, EFSD+	6.1			6,1
Component 2	Project Investment	21.8	380	50	451.8
Component 3	PIU, Communication, Evaluation	2.1			2.1
Total		30	380	50	460

**Based on AFD indicative Pipe*

PEEB Med

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

