



Shared Prosperity Dignified Life



Upscaling energy efficiency through regional initiatives and collaboration

Radia Sedaoui, Chief Energy, Climate Change and Natural Resource Sustainability Cluster, UNESCWA

Launching meetMED II – Regional cooperation for an energy efficient future

Online workshop - April 7, 2021

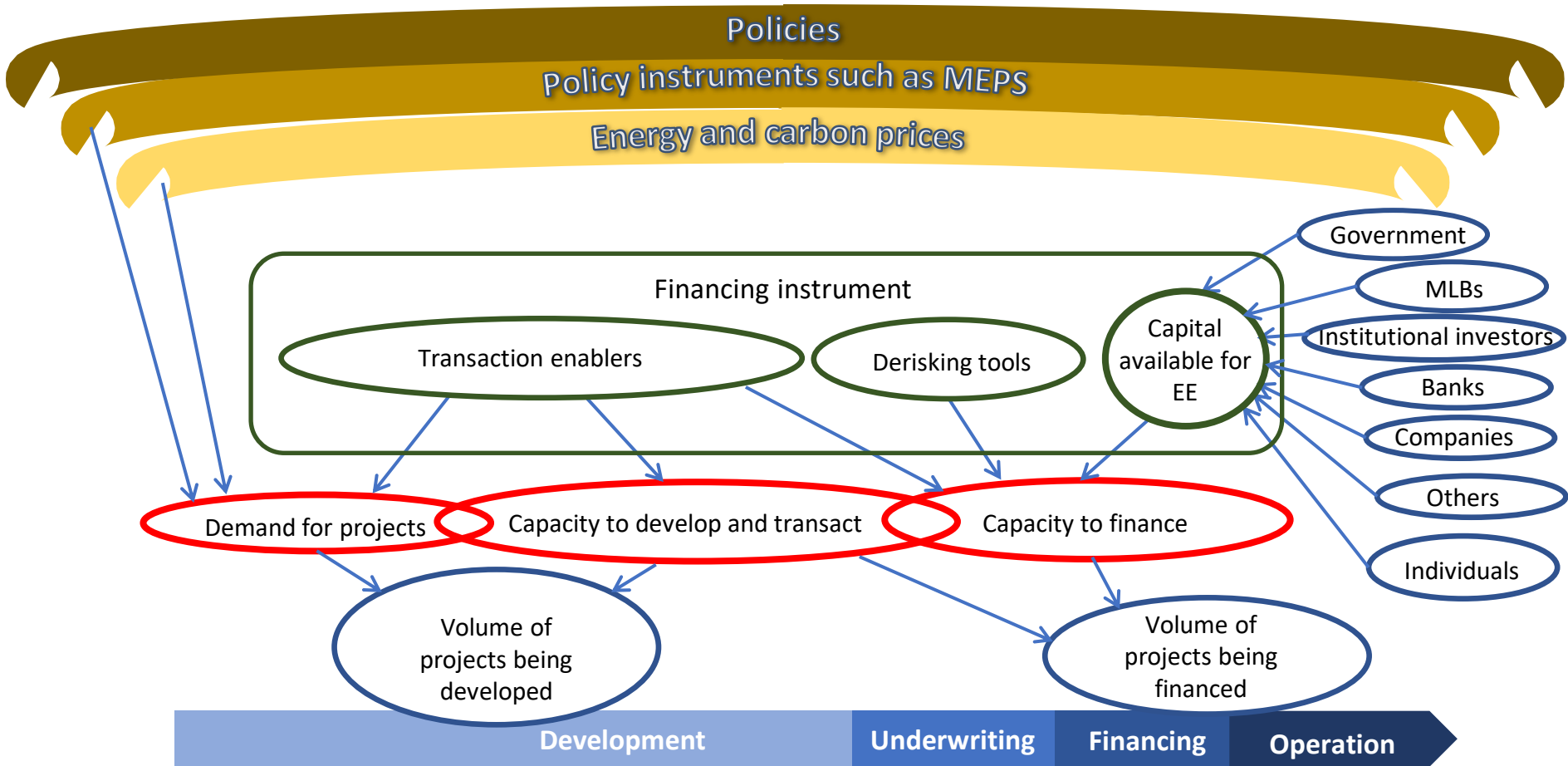


Funded by the European Union

- Global investment into EE c.**\$240 billion in 2018.**
- To meet IEA SDS investment has to reach c.\$825 billion per annum 2019-2050 (x3.4).
- Modest overall progress on EE in the Arab region but not on track to meet global EE targets.
- Investment into EE in Arab region estimated at \$17 billion:
- 2.7% of Gross Fixed Capital Formation compared to 5-15% in countries with well developed EE policies.
- Buildings in Arab region account for 28% of TPES (21% of TFEC)
GCC: 15%; Mashreq: 29%; Maghreb: 18%; Arab LDCs: 15%
- Growing demand for cooling – increased energy consumption and peak demand.
- Potential in buildings in Arab region to reduce energy use by **over 30% by 2050.**
- **Building EE** can be a major factor in reaching INDCs and SDG 7.
- Policies and programs need to address **retro-fit of existing buildings** as well as **new buildings.**
- **Financing instruments are needed to unlock investment flows.**

- ❑ **Project: Up-scaling Energy Efficiency in the residential and services sectors in the Arab Region:**
- ❑ **Project Objective:**
Substantially improve energy efficiency in the Arab region' residential and services sectors in the immediate and short term, through up-scaling EE programmes in the existing residential and non-residential building stock
- ❑ **Project Targeted Beneficiaries:**
Public / private sector stakeholders and main actors involved in EE programmes related to the residential and services sectors in Arab region (Public institutions, relevant national, professional & trade associations, consumer protection associations, etc.)
- ❑ **Targeted countries: Jordan and Tunisia**
- ❑ **Project Duration: 3 years (ends 2021)**

- ✓ **A Comprehensive baseline mapping study** for each of the selected 3 MCs to provide the reference situation
- ✓ **Short, medium & long-term strategies and appropriate EE policies for the residential & services sectors** as frameworks for the implementation of large-scale EE programs
- ✓ **Guidelines and trainings material in support of improving energy performance in the building sector**
- ✓ **Initiating/enacting, or reinforcing existing, household & other equipment energy labelling systems and Minimum Energy Performance Standards (MEPS).** To provide a basis for moving the market towards more EE products, and will help identifying the household equipment, and associated level of energy performance, to be part of the large-scale dissemination programs to be developed
- ✓ **Setting up effective large-scale implementation schemes for dissemination of higher energy efficiency equipment and appliances,** as well as improving the thermal performance of existing buildings,



- ✓ Increasing regional & local integration of goods & services associated with EE measures, this would impact on creating new employment opportunities
- ✓ Developing the required skills, and building the necessary capacities, in all related fields and occupations in the region: Customers / supply chain / finance sector
- ✓ Need to collect & use data on EE investment types, performance & risks e.g. EEFIG DE risking EE Platform (DEEP) database.
- ✓ Bridging the development gap can be by a variety of 'transaction enablers' including: procurement frameworks; providing project development assistance in the form of both finance and skills, and Super-ESCOs.
- ✓ Integrated approach to the design of financial instruments is required and increase of bankable projects
- ✓ Standardization of Standards, Norms, Labelling, processes
- ✓ Sharing best practices within the region through reverse knowledge

Key messages

Regional collaboration and Multistakholder engagement are key to reach overall access to Clean energy for All and achieve Net zero emmisions by 2050

Contact us!



Mitigation Enabling Energy Transition in the MEDiterranean region
Together We Switch to Clean Energy - Phase II

For any inquires or comments,
please don't hesitate to contact
us

 www.meetmed.org

 meetMED Project

 @meetmed1



Funded by the
European Union