



T'es COP ou pas CAP?/ To COP or not to COPE?

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Energy Transition for Buildings in the Mediterranean Region

Approaches & solutions



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The meetMED II project

(Mitigation Enabling Energy Transition in the Mediterranean Region)

EU-funded project
Jointly implemented by **MEDENER** and **RCREEE**





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



Energy Efficiency in Buildings in the Mediterranean Region



- The MED Region is a Hot Spot for climate change, as the area is warming 20% faster than the rest of the world.
- **Growing energy demand** due to growing population and behavioral patterns (fossil fuel to respond their needs).
- The building sector is one of the largest energy consumer sectors of the meetMED target countries, which makes it a main target for NEEAPs.
- **Egypt & Lebanon** have the largest share of energy consumption in the building sector.
- Implementation is still hard to assess and one main challenge is enforcement.

Table 4: Energy consumption in the building sector in the meetMED partner countries

	Unit	Algeria	Egypt	Jordan	Lebanon	Libya	Morocco	Palestine	Tunisia
Year of data:	Year	2017	2017	2017	2015	2016	2013	2017	2017
Share in total Final energy consumption	%	33.60%	50.5%	28.70%	40.20%	39.00%	33.00%	38.40%	27.00%
Share in total Primary energy consumption	%	-	,	20.10%	29.30%	-	-	34.00%	•

Objectives of meetMED II

- Building on previous outputs/sectoral reports from meetMED I (accessible on https://meetmed.org/publications/)
- And on the established meetMED Regional Expert Network (REN) of more than 140 experts from national agencies of 13
 Mediterranean countries, and to the benefit of 8 countries from the South-shore of the Med.
- The meetMED II project intends to contribute to enhancing energy security of beneficiary countries while fostering their transition to low carbon economy, notably through:



 The massive deployment of RE and EE measures in building and appliances' sectors in the Southern Neighborhood region accelerates the clean energy transition.



Algeria



Libya



Egypt



Morocco



 Public awareness (decision-makers, private and financing sector, education sector) on energy's stakes and challenges increases, thereby fostering involvement & investments towards more EE buildings and appliances sectors.



Jordan



Palestine



Lebanon



Tunisia

The role of Energy Agencies of MEDENER and RCREEE





MEDENER is an international no-profit organization gathering agencies from North and South of the Mediterranean region in charge of implementing public policies on energy efficiency and promotion of renewable energy sources.



RCREEE is an intergovernmental organization aiming to enable and increase the adoption of renewable energy and energy efficiency practices in the Arab region.

LEVELS OF INTERVENTION:

CARRY strong ambitions for energy transition, integrating SDGs and influence bodies, recommendations on public policies in EE & RE



SHARE & ENHANCE

expertise & know-how from partner agencies through technical assistance & implementation of demo actions/pilots to demonstrate EE benefits



CREATE & DISSEMINATE

good practices, raise awareness from local, to national and regional levels to foster investments























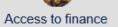






Technical tools & training Expertise







WP2

Concertation on strategies and policies

- Organization of « meetMED Weeks »
- Creation of 4 Technical Working Groups on Buildings
- Creation of 3 Technical Working Groups on Appliances
- Training and creation of a Regional Observatory for monitoring & evaluation (MED'ObservEEER)

WP3 Promote efficient buildings

Demo actions:

- PRIORITEE tool
- · Water-Energy nexus promotion
- Standardized EPS contract
- Tools for Schools, local authorities and public buildings renovation
- Promote green building labelling through the GRASSMED platform
- Potential of District Cooling

WP4 Promote efficient appliances

Demo actions:

- Scrapping campaign for AC / Energy consuming appliances
- Promotion of MEPS & Labelling (regional & national reports)
- Capacity-buildings activities (to industrials.

WP5 Access to finance

Information and promotion of existing funding mechanisms:

- Identification of 10 bankable <u>projects</u> and design of 3 <u>business</u> models
- MED SEI Forums and National Roundtables
- Webtools for project owners
- Modules for banks

Professional training: MOOC and webinars, guidance, study tours, training in presential, etc.

WP6 - Communication and dissemination



Policy briefs, guidance for decision makers





Grand public, pupils
Website, social media, conference, specific material