



Highlights on the Policies and Institutional Capacities for Sustainable Energy in the Arab Region

MENA CLIMATE WEEK

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RCREEE

Regional Center for Renewable Energy and Energy Efficiency
المركز الإقليمي للطاقة المتجددة وكفاءة الطاقة

ABOUT RCREEE

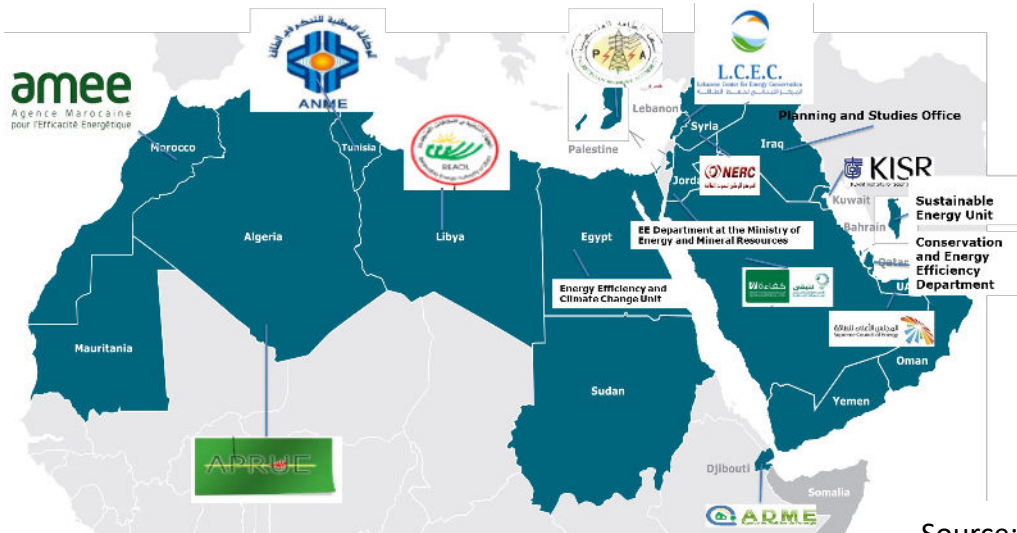
- Regional intergovernmental organization with diplomatic status
- 17 Arab member States
- In operation since 2008
- Headquartered in Cairo, Egypt



Vision and Mission

“We the Regional Center for Renewable Energy and Energy Efficiency, are the strategic partner for the Arab countries driving the energy transition for the prosperity of all our people.”

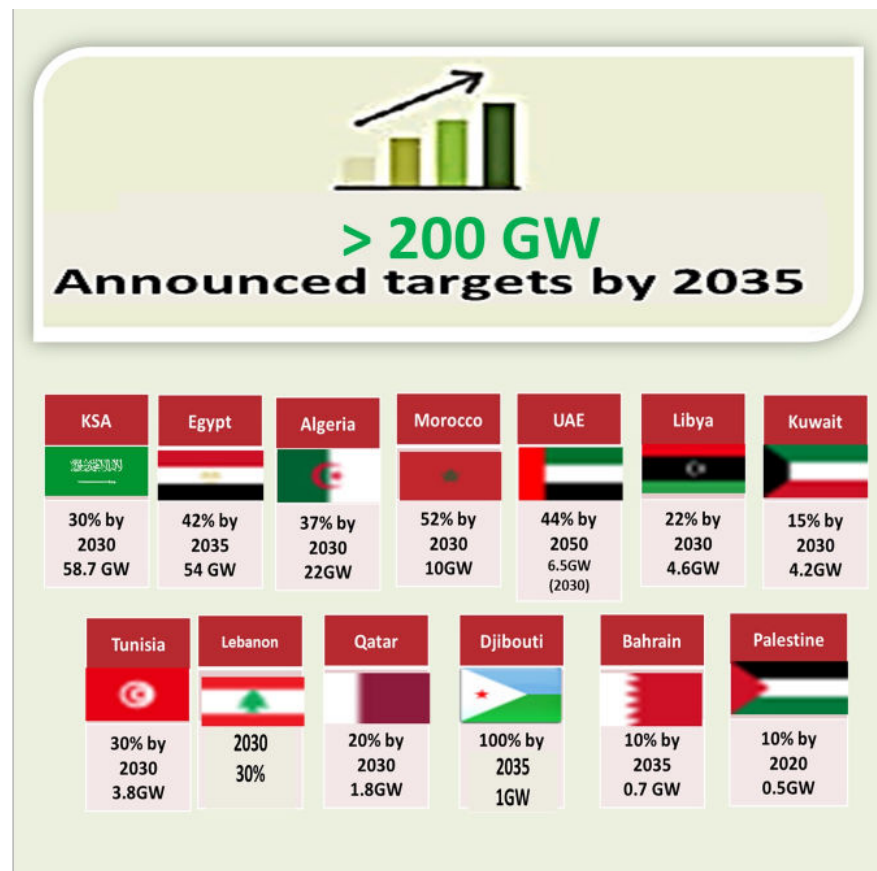
RE and EE Institutions



Source: AFEX, 2023

RE Targets

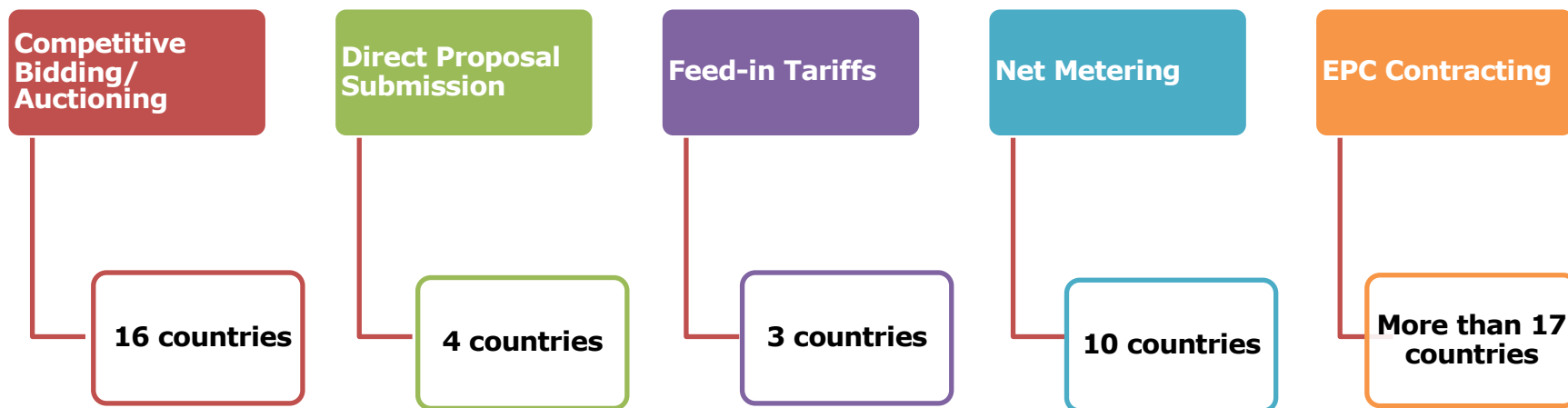
- **Two Arab countries have 100% RE targets: Djibouti by 2035, and Morocco by 2050.** Morocco also aims to achieve 52% of RE share by 2030.
- Algeria changed its target to be 15GW of photovoltaic technology by 2035.
- Jordan raised its target in the updated Energy Strategy for the Energy Sector 2020-2030 from 21% in 2020 to 31% share for renewables in total power generation capacity and 14% of the total energy mix by 2030.
- In terms of **installed capacity, the highest are Saudi Arabia target of 58.7 GW by 2030 and Egypt target of 59.7 GW by 2035.** These targets represent 30% and 42% share of national installed power generation capacities, respectively.



Electricity Regulatory Agencies in the Arab Countries

Country	Electricity Regulatory Agency
Algeria	Commission de Régulation de l'Electricité et du Gaz (CREG)
Bahrain	Nonexistent
Djibouti	Service des Réglementations de la Direction de l'Energie
Egypt	Egyptian Electric Utility and Consumer Protection Regulatory Agency (EgyptERA)
Iraq	Nonexistent
Jordan	Energy and Minerals Regulatory Commission (EMRC)
Kuwait	Nonexistent
Lebanon	Nonexistent
Libya	Department in the renewable Energy Authority of Libya (REAOL)
Mauritania	Autorité de Régulation Multisectorielle
Morocco	National Electricity Regulatory Authority (ANRE)
Oman	Authority for Electricity Regulation
Palestine	Palestinian Electricity Regulatory Council (PERC)
Qatar	Nonexistent
Saudi Arabia	The Electricity and Co-Generation Regulatory Authority (ECRA)
Sudan	Electricity Regulatory Authority (ERA)
Syria	Nonexistent
Tunisia	Nonexistent
UAE	Abu Dhabi Regulation and Supervision Bureau (RSB)
Yemen	Nonexistent

Key Policies for RE Procurement and Investment Mobilizing



EE National Plans

- **21** NEEAPs in different stages

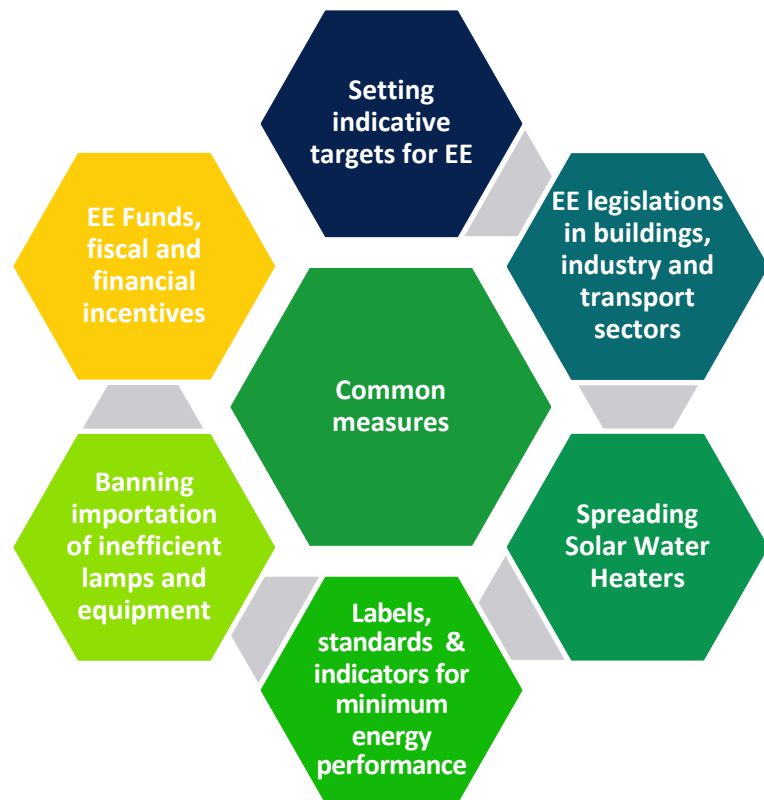
Jordan, Bahrain, Algeria, Egypt, Tunisia, Sudan, Syria, Iraq, KSA, Palestine, Lebanon, Libya, Qatar, Kuwait, Morocco, Djibouti, Mauritania, Yemen

- **14** Arab Countries with NEEAP and National Targets

Jordan, Bahrain, Egypt, Tunisia, Sudan, Syria, Iraq, Palestine, Lebanon, Libya, Qatar, Kuwait,

- **17** National Assigned Entities for EE

Jordan, Bahrain, Algeria, Egypt, Tunisia, Sudan, Syria, Iraq, KSA, Palestine, Lebanon, Libya, Qatar, Kuwait, Morocco, Djibouti, Yemen .



EE Policies

EE Regulations for Buildings

- 14 countries have a building code or energy efficiency specification for buildings. The most common form of building regulation in the region is thermal insulation requirements for new constructions.

Minimum Energy Performance Standards

- 13 countries have mandatory MEPS, and two countries have a voluntary MEPS policy. Air conditioning has the largest share of MEPS policy across Arab countries.

Labeling Schemes for Household Appliances

- 12 countries have mandatory energy label policy while one country has a voluntary scheme. As in MEPS, air conditioning has the largest share of energy label policies across Arab countries

EE Regulations for Industries

- Only six countries have energy efficiency policies for industrial sector

EE Measures in Utilities

- The majority of Arab countries have set targets to increase generation efficiency, reduce transmission and distribution losses, and consequently decrease carbon emission from the electricity sector.

Source: AFEX, 2023



THANK YOU

Contact us!



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

For any inquires or comments,
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