POWERING THE MEDITERRANEAN
ADVANCING A CLEAN AND INTEGRATED ELECTRICITY MARKET

Co-funded by the European Union

As the population of the Mediterranean region continues to grow, **energy market integration** is becoming increasingly essential to **meet rising demand**, **harness renewable resources**, and **ensure energy security**.

Countries in the region have developed **strategic plans to transition towards low-emission and clean energy sources**, influencing **market design** and **investment strategies**.

SHIFTING DYNAMICS IN THE REGIONAL ENERGY LANDSCAPE FOR GREENER AND SAFER GRIDS

The **energy mix** has become **increasingly diversified**, not only to advance the energy transition but also to strengthen energy security.

Investments in renewable energy sources have **accelerated.**

The **integration** of these resources into national grids has become a **priority.**

GROWING ELECTRICITY NETWORKS AND CROSS-BORDER INTEGRATION

Electricity infrastructure is expanding, notably in the southern shore countries

REACHING A TOTAL LENGTH OF **6.7** MILLION KM

OVER **90%** CONSISTS OF

MEDIUM-AND LOW-VOLTAGE NETWORKS

240 MILLION

ELECTRICITY CONSUMERS

Increasing mostly in the Balkans and in the southern shore countries

ON THE NORTHERN SHORE

Well-integrated and highly developed network of cross-border interconnections

ON THE SOUTHERN SHORE

Significantly fewer and less developed interconnections

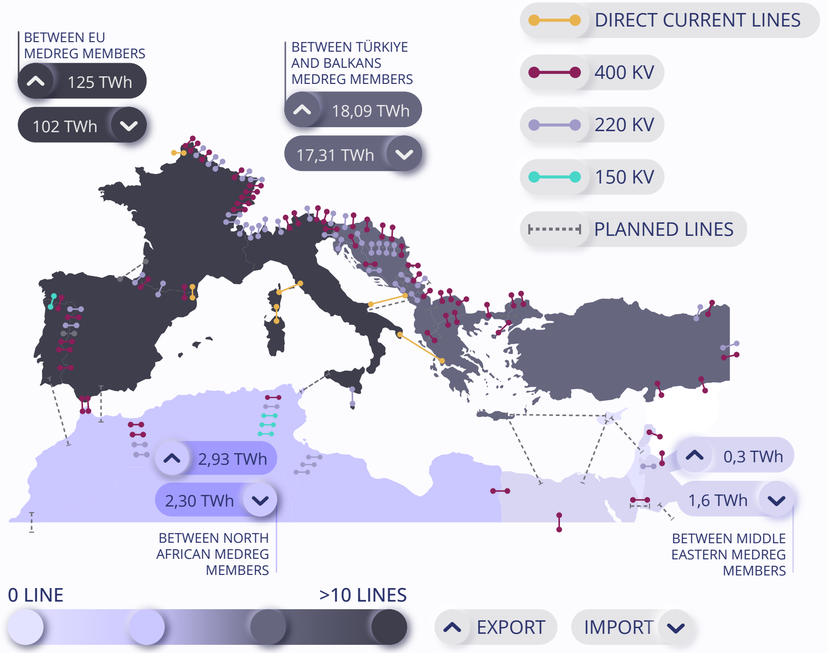
Cross-border interconnection development remains a key focus

WITH A SIGNIFICANT NUMBER OF PROJECTS

UNDER CONSTRUCTION | *ITALY–TUNISIA MOROCCO–PORTUGAL*

PLANNED | *ALGERIA– ITALY EGYPT–CYPRUS*

ELECTRICITY CROSS-BORDER INTERCONNECTIONS IN THE MEDITERRANEAN REGION



**This map is for illustrative purposes only and does not depict the precise locations of these interconnections. The data used is from 2023 and comes from MEDREG's MEMO report.*

THE WAY FORWARD

Achieving the EU energy goals, including net-zero emissions by 2050, and responding to the economic development and population growth in the Southern Mediterranean will require:

Stronger cooperation and interconnections between **European and Balkan, and southern shore countries**

Financing mechanisms

The **new Pact for the Mediterranean**, currently being developed by the European Commission, aims to strengthen regional partnerships and investments. A key element is the **Trans-Mediterranean Energy and Clean Tech Cooperation Initiative**, designed to **increase renewable energy trading** and **clean tech manufacturing**, turning the Mediterranean into a bridge that connects North Africa, the Middle East, and Gulf countries with those in the EU.

Through knowledge sharing, promotion of best practices, and collaborative problem-solving, MEDREG will support this Initiative by **advancing regulatory reforms** and creating favourable conditions that **attract private investment** for robust electricity markets across the Mediterranean.

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