The East Mediterranean's Energy Transition

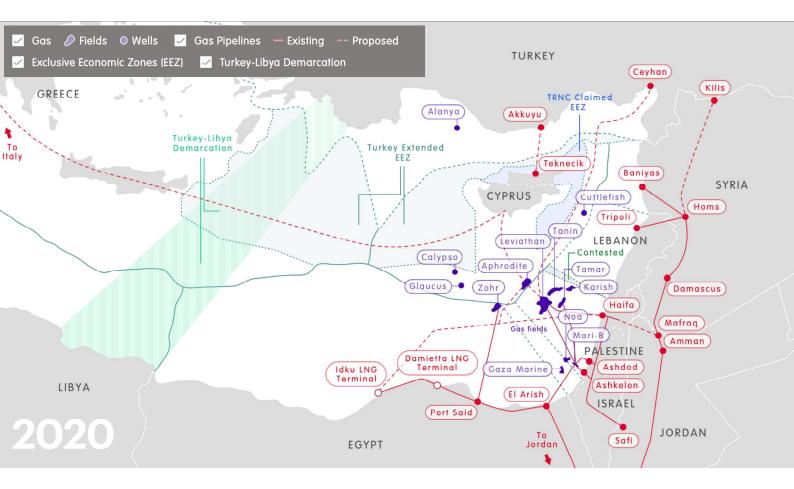
From Competition to Collaboration

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Does the EU need the Eastern Mediterranean gas?

European gas demand has declined by 20% since Russia's invasion of Ukraine.

The EU's LNG consumption is forecasted to peak in 2025

EU has plans to reduce its demand for natural gas, could fall by 80% by 2050

EU has plans to double the share of renewables from 23% to 45% by 2030

EU has plans to reach net zero emissions by 2050



Regional sharing of natural gas resources

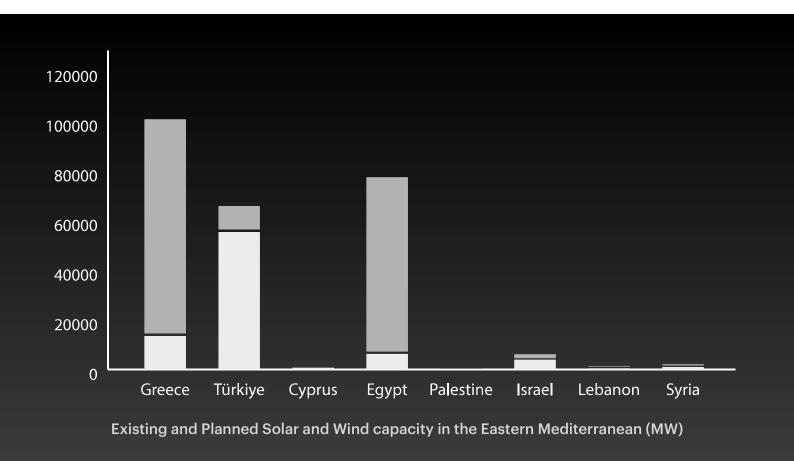
Regional sharing of natural gas resources

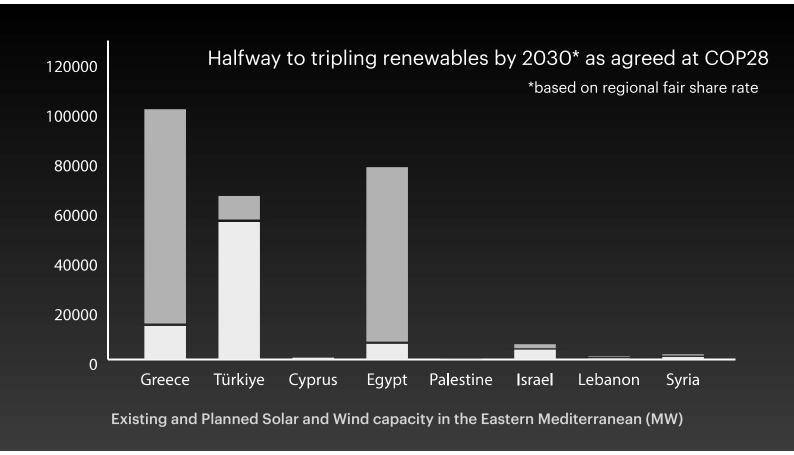
Most regional countries lack energy security, integration could alleviate this

Israeli and Cypriot gas to Egypt Lebanese gas to Syria (?)

Regional sharing of natural gas resources

Accelerate energy transition plans



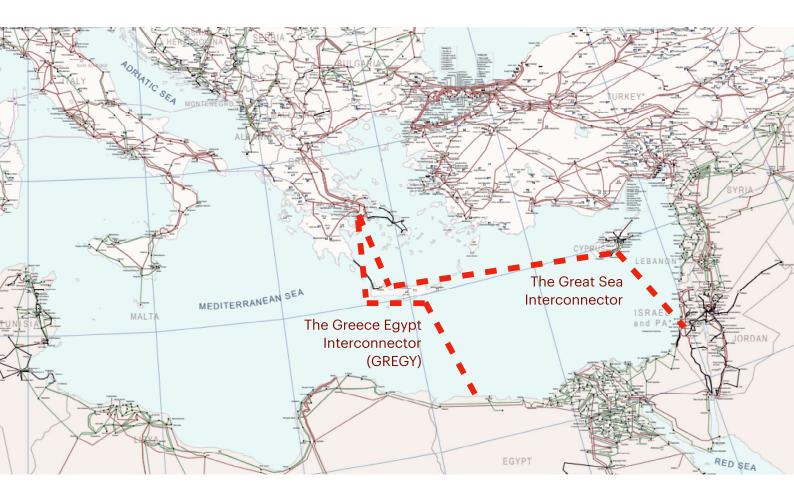


Regional sharing of natural gas resources

Accelerate energy transition plans

Expand electricity interconnections





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Support energy decentralisation where possible

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Integration of solar and wind power generation with green hydrogen for industrial use

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Expand storage capacity (Pumped hydro, batteries, hydrogen)

Regional sharing of natural gas resources

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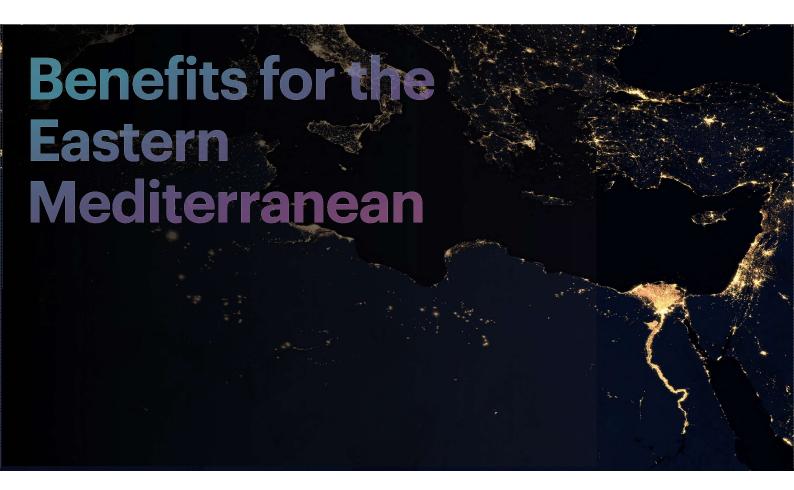
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Integration of solar and wind power generation with green hydrogen for industrial use

Expand storage capacity (Pumped hydro, batteries, hydrogen)

Develope Demand Side Management and Smart Grid (including Grid to Vehicles)



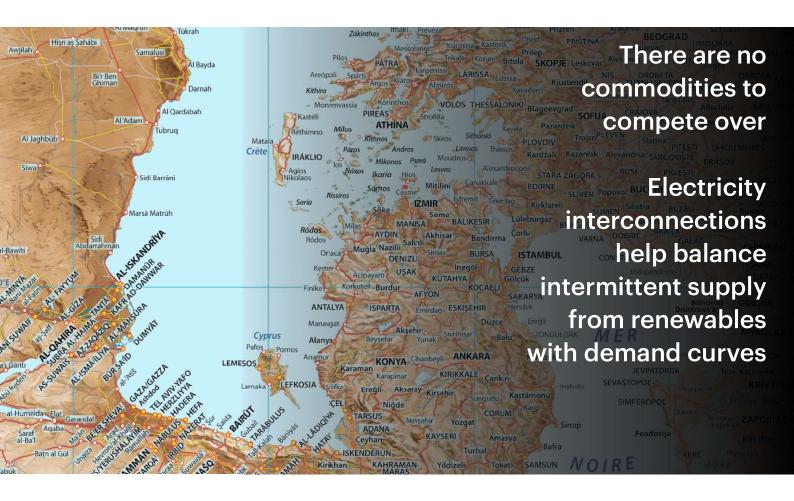
Energy Security for the Eastern Mediterranean

| | : |
|---------|-------|
| Greece | 59.2% |
| Türkiye | 53.9% |
| Cyprus | 28.7% |
| Egypt | 10.6% |
| Israel | 20.8% |
| Lebanon | 20.8% |
| Syria | 15.3% |

Share of renewables in total electricity generation capacity (2022)

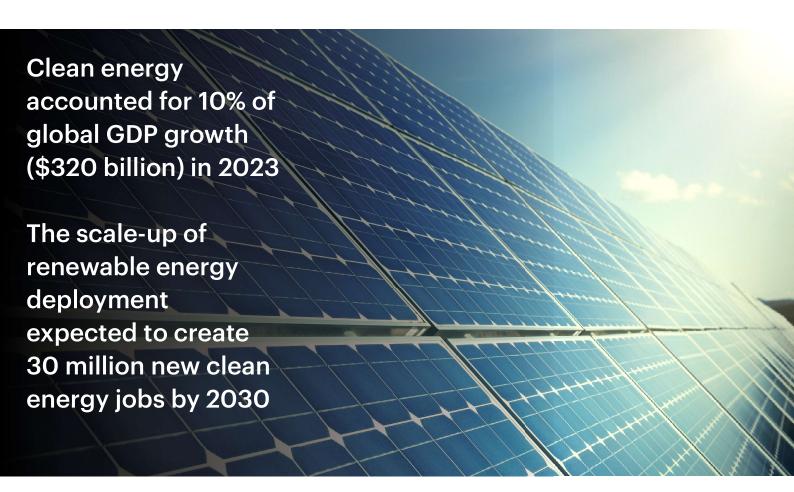
Energy Security for the Eastern Mediterranean

Renewable Energy systems and interconnections drive collaboration, not competition



Energy Security for the Eastern Mediterranean

Renewable Energy systems and interconnections drive collaboration, not competition Economic opportunities in the energy transition and job creation across the value chain



Energy Security for the Eastern Mediterranean

Renewable Energy systems and interconnections drive collaboration, not competition Economic opportunities in the energy transition and job creation across the value chain Reducing regional climate risk by delivering on climate targets

