



**MED-TSO LONG-TERM  
MEDITERRANEAN  
ENERGY PERSPECTIVES 2025**

“E-Highway”

**Webinar**

**8 April 2026  
9:30 – 11:00 AM (CET)**

Duration: 1:30 Hours



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## CONCEPT NOTE

The Mediterranean region stands at a critical phase, facing **accelerating climate challenges, dynamic demographic shifts, and growing energy demand**. Against this backdrop, the imperative to **transition towards a sustainable, resilient, and decarbonized energy system** is more important than ever. The "*Very long-term Mediterranean Energy Perspectives Report*," (E-Highway) developed under the Med-TSO project TEASIMED 2 and co-funded by the European Union, provides an in-depth analysis of the energy demand projections for eleven countries in MENAT region up to 2050, namely: Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Syria, Tunisia, and Türkiye.

This report introduces **three strategic scenarios** – *Inertial (IN)*, *Mediterranean Ambition (MA)*, and *Net Zero (NZ)* – offering comprehensive insights into potential energy pathways, their implications for infrastructure, CO2 emissions, and regional cooperation. The huge changes of trajectory required to move from the business as usual **to a carbon-neutral electricity system by 2050**, identifying key barriers and proposing concrete bridging actions across policy, market integration, and governance.

This high-level webinar aims to **disseminating the critical findings and recommendations of the Med-TSO E-Highway report**. Its core purpose is to provide a **detailed overview of the key drivers** influencing future energy demand and the electricity sector across the targeted MENAT countries. Participants will gain a comprehensive understanding of the three different 2050 scenarios—Inertial, Mediterranean Ambition, and Net Zero—and their projected impacts on energy consumption, electrification, CO2 emissions, and renewable energy penetration. A central objective is to elaborate on the critical gap between Mediterranean Ambition and Net Zero scenarios, underscoring the extensive scale of transformation required. Moreover, **the webinar will propose actionable strategies, as well as policy, regulatory, market integration and capacity-building measures**, all indispensable for achieving a carbon-neutral electricity sector by 2050.

## AGENDA

<b>TIME</b>	<b>SESSION</b>	<b>SPEAKER</b>
9:30 – 9:35	<b>Introduction</b>	<b>Luca Ruffino</b> <i>Med-TSO Program Officer</i>
9:35 – 9:40	<b>Opening Speech</b>	<b>Angelo Ferrante</b> <i>Med-TSO Secretary General</i>
9:40 – 10:00	<b>Methodology, Current Energy Landscape and Scenarios for 2050</b>	<b>Emmanuel Bué</b> <i>RTE – Technical Committee Economic Studies &amp; Scenarios</i>
10:00 – 10:10	<b>Q &amp; A</b>	
10:10 – 10:30	<b>Key findings of Energy demand projection by 2050</b>	<b>Soufiane Hachad</b> <i>ONEE –Technical Committee Economic Studies &amp; Scenarios</i>
10:30 – 10:45	<b>Coherent transition: possible implementation pathway</b>	<b>Naglaa Khattab</b> <i>Med-TSO Power System Advisor</i>
10:45 – 10:55	<b>Q &amp; A</b>	
10:55 – 11:00	<b>Closing Remarks</b>	<b>Luca Ruffino</b> <i>Med-TSO Program Officer</i>

IMPORTANT: all the time refer to Roma Time (CET)

Moderated by **Luca Ruffino**, *Med-TSO Program Officer*

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