



Funded by  
the European Union

**MED•GEM**  
MEDITERRANEAN GREEN ELECTRONS AND MOLECULES  
NETWORK

## NEARSHORING CLEAN TECH: A NEW MED-GEM REPORT MAPS INDUSTRIAL OPPORTUNITIES FOR GREEN HYDROGEN IN THE SOUTHERN MEDITERRANEAN

How can the Southern Mediterranean and the European Union build cleaner, more resilient industrial value chains together? A new report from the MED-GEM Network, funded by the European Union, offers fresh answers.

Titled *Nearshoring Clean Tech: Regional Manufacturing Readiness for Renewable Energy & Green Hydrogen in Four Pilot Countries*, the report explores how existing industrial capacities in the region can support the growth of renewable energy and green hydrogen value chains, while creating local jobs, skills and investment opportunities.

The analysis looks at the manufacturing readiness of four pilot countries and identifies concrete opportunities across a range of strategic segments, including metalworking and fabrication, tanks and pipelines, electrolyser and fuel cell components, as well as monitoring and control systems for green hydrogen projects. At a time when Europe is seeking more reliable and nearby clean-tech supply chains, the report shows that the Southern Mediterranean already has important building blocks in place.

Beyond diagnostics, the study also points to a wider strategic opportunity: the emergence of a Mediterranean clean-tech value chain that can bring shared benefits to both shores. For partner countries, this means industrial upgrading, stronger skills ecosystems and new prospects for local value creation. For the European Union, it means more diversified and resilient supply chains, closer to market and aligned with the broader goals of the green transition.

The report comes at a particularly timely moment, as regional cooperation on clean energy and industrial transformation continues to gain momentum under initiatives such as the Pact for the Mediterranean and T-MED.

The publication was written by Dr. Mustapha Taoumi under the supervision of Frank Wouters, bringing together strategic analysis and a strong understanding of the region's industrial and energy landscape.

With this report, the MED-GEM Network contributes a practical and forward-looking resource to the growing conversation on how Euro-Mediterranean cooperation can move from ambition to implementation in the clean-tech and green hydrogen sectors.

Read more: <https://med-gem.eu/CleanTechLVC>

Download the full report: <https://drive.med-gem.eu/drive/s/loGVrVHE4JUvuuLigcI9DcFhROA2e9>



Implemented by

**giz** | International  
Services