



WESTMED
blue economy initiative



Sustainable transport and ports in the Mediterranean

EU Project 101124786 POWER4MED local emPOWERment of fuel transition FOR a green MEDiterranean
Duration: 21 months (01.11.2023 – 31.07.2025)

Overall objective of POWER4MED focuses on the WESTMED region and aims at:

- evaluating the maritime needs in terms of alternative fuels and fuel technologies that will be effective, available and affordable
 - identifying technologies that can offers short terms transitional solutions to the coming demand for carbon-neutral fuels ensuring compliance with emission-reduction goals at horizon 2025, 2030, 2040 and 2050.
- Dealing with such complexity is difficult for the operators of smaller ships and POWER4MED has the ambition to help them by developing the POWER4MED Supporting Structure: a "Supporting Team" of multidisciplinary experts and a set of toolkits facilitating the transition to carbon neutrality of the 3 sectors targeted by the project: fishing boats, commercial vessels/ferries and marinas.

Project structure and specific objectives

PHASE 1	PHASE 2	PHASE 3
Preparatory Actions This phase aims at carrying out studies and assessments for phase 2 and 3 to be successfully carried out. It fulfils the following spec objectives: OBJ01 Analysis of what operators are looking for and identify which are the available alternatives of fuels for operators OBJ02 Assess the options for energy investments, addressing the need for short-term investments and cost structure for adaptation (towards a clear strategy for sustainable fuel bunkering) OBJ03 Analysis of technological short- and medium-term alternatives towards decarbonisation	Studies and pilot applications This phase is the core of the project as it fulfils the following specific objectives: OBJ04 Assessment and pilot studies of adaptation costs for greening local infrastructures and vessels and gain their transition to fully sustainable sources of fuel and other energy/propulsion means OBJ05 Study on regulatory aspects building on current consultations, aimed at the support of fleet transition (particularly south) OBJ06 Assess and pilot studies of financial tools could be used towards decarbonisation	Development of tools This phase aims at capitalising the experience/best practice by developing suitable tools which will constitute the POWER4MED Supporting Structure that will be active beyond the end of the project. Accordingly, this phase fulfils the following objectives: OBJ07 Capitalise on experiences/models being developed in EU ports/shipping companies by developing sector/country POWER4MED tools (strategies, transition plans, capacity building tools) OBJ08 Develop POWER4MED Supporting Structure as the mean to use results after the end of the project.

Advisory Board (AB) and Stakeholders' Group (STG) The project team is flanked by the **Advisory Board (AB)** composed of 5 international recognized experts who provide recommendations and support on the identification of operators' needs and on the roll-out of relevant solutions and by the **Stakeholders' Group (STG)** composed of 15 to 25 representatives from the fishing boats, ferries and marinas sectors who provide comments and information on interim project deliverables during 3 ad hoc workshops.

Project Team SDG4MED and RINA Consulting from Italy; Fundación Valenciaport from Spain; Yachting Malta Ltd. from Malta; The Laboratory of Maritime Sciences & Engineering of Oran University from Algeria, PROMEC from Egypt; ELKON from Turkey.

Associated Partner: University of Tripoli from Lybia

Power4MED
Oran, July 2-3, 2025