



POSEIDON MED is the LNG bunkering initiative supported by fellow EU countries in the Eastern Mediterranean and Adriatic Sea led by QEnergy Europe and delivered by top experts in marine, energy and finance sectors. The project focuses in the eastern Mediterranean region with five Member States (Cyprus, Greece, Italy, Croatia and Slovenia) involved.

POSEIDON MED is the first Cross European Border global project aimed at developing a strategy for the introduction and promotion of the use of LNG as marine fuel in order to provide an efficient and effective solution to the problem of emissions abatement in the Mediterranean.

This will entail the design of a LNG transportation, distribution, and supply (including bunkering) network and infrastructure for its use as marine fuel in East Mediterranean and it will define the framework for a well-functioning and sustainable relative market (vessels) for its demand. Additionally, it will address safety regulatory as well as financial and societal dissemination aspects. More specifically, activities during the first phase of the project include the development of a proposal for the appropriate regulatory framework, planning of an integrated supply chain, technical and financial feasibility for six lead-ships and a sustainable financial model. The second phase will aim to mature and detail further required actions with enhanced technical studies covering ships, ports and bunkering operations.

The lessons learned from the ECA zone depict the necessity of aiming to a system with the simultaneous development of critical supply and demand side installations. This will achieve economies of scale, will break the “chicken and egg” problem and avoid the formulation of “missing links” in the LNG as fuel supply chain. There are two main pillars for a successful and sustainable bunkering system: a) the development of the critical mass of supply points and, b) the retrofit or the building of an adequate number of vessels, an activity that will instigate the demand for LNG as fuel.

Overall, POSEIDON MED ultimate objective is to prepare in detail a holistic solution of infrastructure development in the Mediterranean area so that LNG can be embraced as the marine fuel of the future making thus shipping more efficient and sustainable.

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