

Loading and unloading infrastructure for hydrogen cylinders in port

Sector: Marine infrastructures

Short description of the needs:

Challenge: Develop specific port/terminal infrastructures to handle hydrogen gaseous cylinders used as propulsion and auxiliary power generation on board ships. The application would consist in implement loading of full cylinders and unload empty cylinders.

Objective: Navalprogetti is coordinating the EU co-funded project sHYpS (www.shyps.eu) that realized a dedicated solution of swappable hydrogen tanks that are used by ships to navigate in environmentally sensible areas at zero emissions and that can be easily handled in ports, but with dedicated infrastructures.

Cooperation opportunities: The company is looking for a terminal operator or a port interested to jointly realize the solution and a manufacturer able to implement a facility in the port to manage loading and unloading of the cylinders.

More info: For more information apply to carlo.kraskovic@marefvg.it or alessandro.bosco@marefvg.it

Company: Navalprogetti S.r.l.

Point of contact for the brief/challenge: Maritime Aerospace Renewable Energies Technology Cluster FVG

Company position in the value chain: Tier 1