



Sustainable HYdrogen
powered Shipping

THE PROJECT

The shipping industry is facing one of the most demanding challenges ever: to find the way to achieve zero-emission navigation. The time to achieve such goal is very short: the next big deadline imposed by the IMO is to reduce the total annual GHG emissions from international shipping by at least 50% by 2050.

Hydrogen is one of few zero-emission solutions that is very promising, but the technology necessary to use it on board is not completely ready. To combine the tight application times (50 % reduction by 2050 of GHG emissions from shipping) and the technological gap, sHYpS is centered around the idea of a swappable storage system for the liquid hydrogen, based on new c-type ISO containers. This solution can enable a full zero emission ship platform in the needed time.

DURATION
48
MONTHS

€14,295,314
PROJECT BUDGET

The project has received
€8,621,612.45 funding,
from the European Union's Horizon Europe
research and innovation programme.

13
PARTNERS

6
EUROPEAN
COUNTRIES

PARTNERS



CONTACT US

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