

Case Study



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TRANSHIP

PROJECT INFORMATION

A study on retrofitting an existing vessel to run off hydrogen to be zero-emissions.

We researched using ammonia, LOHCs, liquified hydrogen, or compressed hydrogen for the target vessel. We looked at storage, fuel cell and interconnecting pipework for the ship. We also studied the technical, economic and safety considerations for choosing the most suitable hydrogen storage technology in a marine environment. This also required looking at legislation IMO IGF code and DNV guidance on fuel cells.

