



ADVANCED HULL COATINGS TO REDUCE SHIPPING FUEL CONSUMPTION

Driving sustainability in shipping
with cleaner technologies

This project reduces emissions by using improved hull coatings on ships. This advanced technology reduces hull friction and hydrodynamic drag, reducing fuel consumption.


17,000

 GHG emissions mitigated per year (tCO₂e)

PROJECT HIGHLIGHTS

For more information on the UN Sustainable Development Goals please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Advanced coating technologies are used to reduce emissions from maritime transport.

While international shipping is one of the most fuel-efficient modes of transport, it is responsible for transporting 90% of the world's goods. As a result, total emissions from maritime transport account for 2.5% of global greenhouse gas emissions, equivalent to around 1 billion TCO₂e emitted every year.

The project reduces shipping emissions by using an advanced hull coating technology that reduces hydrodynamic resistance thus reducing fuel consumption for ship propulsion.

Besides significant fuel savings and emissions reduction, the coating eliminates the release of biocides into the marine environment. In addition, the product is less toxic to humans, as it contains less volatile organic compounds (VOC), which can cause eye and respiratory irritations.

Gold Standard[®]