

NEXTGEN LINK

Project proposal for CEF Transport

The project upgrades an existing maritime link to cross the Baltic Sea from Finland to Sweden in the Scandinavian-Mediterranean Corridor and develops green shipping and port interconnections. The Scandinavian-Mediterranean Corridor is a crucial north-south axis for the European economy. The upgrade of the maritime link includes 1) the environmental upgrade with a new sustainable LNG powered ro-pax vessel and 2) the infrastructure development in ports.

The new type of dual-fuel LNG engine and other energy efficiency measures are introduced to reduce harmful air emissions (CO₂, NO_x, SO_x and PM) beyond the existing legislation. An auxiliary wind propulsion is also planned to be installed on board. The development of port infrastructure includes investments in the ports in order to accommodate the new larger vessel and to handle efficiently the increased cargo and passenger capacity.

The project increases the demand and deployment of LNG in the Baltic Sea in two core ports and one comprehensive port. It supports the implementation of

Upgrade of the maritime link with the port interconnections in the ScanMed Corridor

the EU's clean fuel strategy and efforts to tackle climate change by developing environmentally sustainable shipping. The project improves maritime transport integration in the logistics chain by increasing efficiency and capacity of cargo and passenger transport.



Member states involved:

Finland and Sweden

Implementation schedule:

1.1.2017 - 30.6.2020

Activities:

1. Environmental upgrade of the maritime link with the new sustainable vessel
 - LNG engine propulsion
 - Auxiliary wind propulsion
 - Ballast water management
2. Infrastructure development in ports
 - Port of Turku: new logistics arrangement for parking, truck measurement system and automated mooring
 - Port of Stockholm; new port logistics area and Intelligent Transport System (ITS)
 - Port of Mariehamn; adapting the loading/unloading of freight and passengers and automated mooring

Project members:

VIKING LINE



Ports of Stockholm

PORT OF TURKU
FINLAND

MARIEHAMNS
HAMN | 