

PROJECT

Hansalink 2

Funding: European

Duration: Feb 2020 - Jun 2023

Status: Ongoing

Total project cost: €11,448,240

EU contribution: €3,444,472



Background & policy context:

The Action is part of a larger Global Project aiming at increasing capacity in the MoS link, mitigating climate change and maintaining an attractive maritime transport service for users.

Objectives:

The Action aims at updating an important maritime link between the German TEN-T core port Lübeck-Travemünde and the Finnish TEN-T core network port Helsinki, improving connectivity for the TEN-T Scandinavian-Mediterranean core network corridor.

The Action focuses on providing shore-side electricity as an alternative fuel for vessels while at berth, optimising the use of the existing terminals and improving IT and data documentation, data security and efficient communication.

Methodology:

To achieve the above-mentioned objectives, the following activities will be performed:

- Installation of onshore power plants in each port with a minimum power output of 1.5 MW in order to reduce noise, air pollution and greenhouse gas emissions during port stays.
- Port handling capacity improvement through digitalisation (3D-model of the terminal in Lübeck-Travemünde, implementation of new gates) and optimised gates processes including new gates (one-gate system in Helsinki)
- Improving logistics chain processes by digitalising operative and administrative processes and promoting efficiency and data security.

Parent Programmes:

[CEF Transport - Connecting Europe Facility \(CEF\) for Transport](#)

Institute type: Public institution

Institute name: Inea

Funding type: Public (EU)

Lead Organisation:

Lübecker Hafen-Gesellschaft mbH

Address:

Travemünder Landstraße
23570 Lübeck
Germany

Partner Organisations:

Hansestadt Lübeck, Lübeck Port Authority

Address:

Ziegelstraße 2
23539 Lübeck
Germany

Port of Helsinki Ltd.

Address:

Olympiaranta 3
00140 Helsinki
Finland

Technologies:

Electric vehicle batteries (and energy management)
Onshore Power Supply solution for ships

Development phase: Demonstration/prototyping/Pilot Production

Infrastructure management
Port and Terminal Knowledge Landscape (PTKL)

Development phase: Validation

STRIA Roadmaps: Network and traffic management systems, Infrastructure
Water transport (sea &

Transport mode: inland)

Transport sectors: Passenger transport, Freight transport
Societal/Economic issues, Environmental/Emissions

Transport policies: aspects

Geo-spatial type: Infrastructure Node