FINALISING SURVEYS FOR THE BALTIC MOTORWAYS OF THE SEA

https://www.youtube.com/watch?v=5aDs-Zcc6i4

FAMOS
Status update Q1 2018

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SWEDISH MARITIME ADMINISTRATION

EUSBSR
EU STRATEGY FOR THE BALTIC SEA REGION

Co-financed by the European Union
Connecting Europe Facility

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FINALISING SURVEYS FOR THE BALTIC MOTORWAYS OF THE SEA

Safety Accuracy Efficiency

in the Baltic Sea and Beyond

Denmark Estonia Finland Germany Latvia Lithuania Sweden

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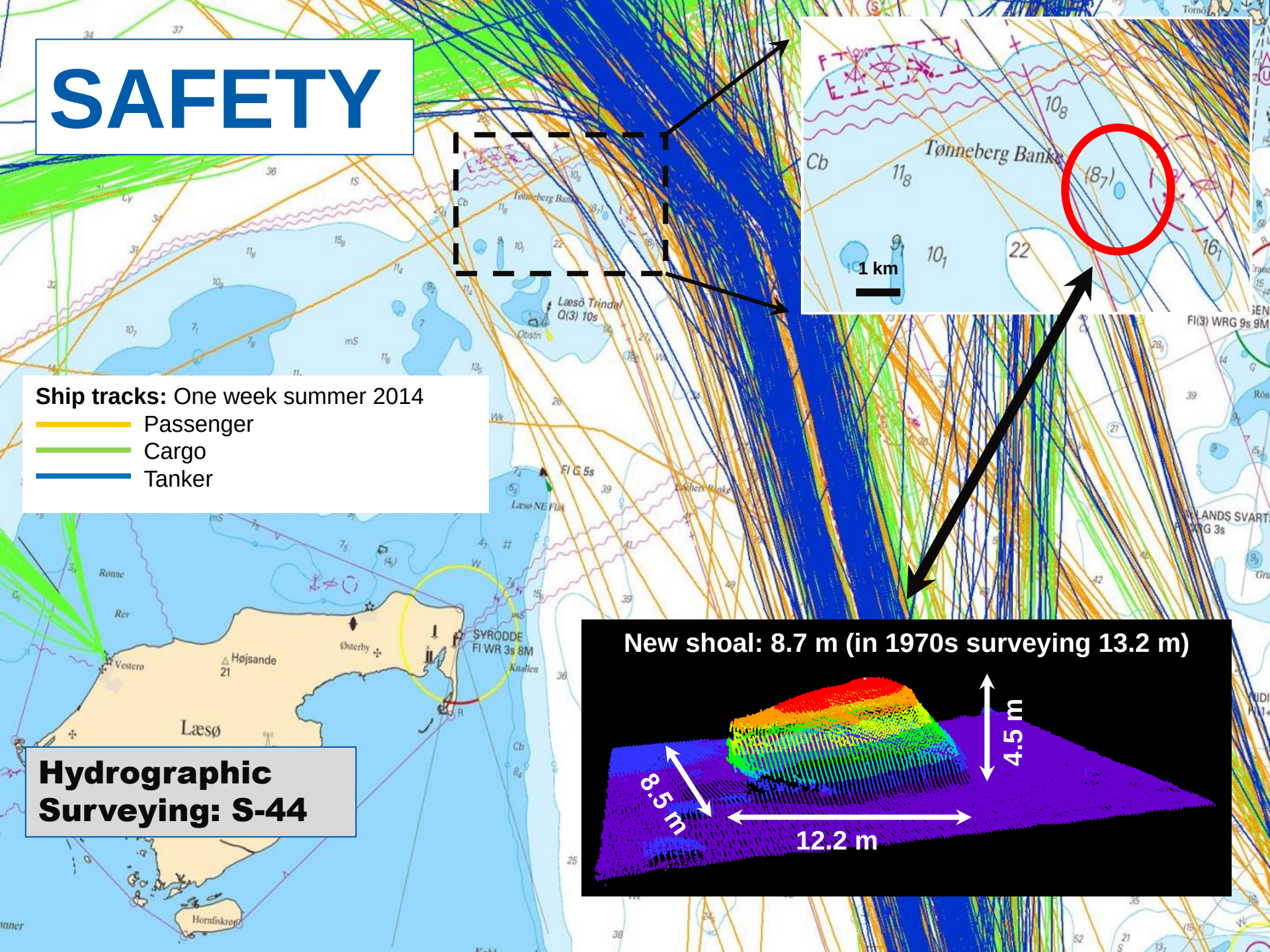
SAFETY



Ship tracks: One week summer 2014

- Passenger
- Cargo
- Tanker

Hydrographic Surveying: S-44

ACCURACY

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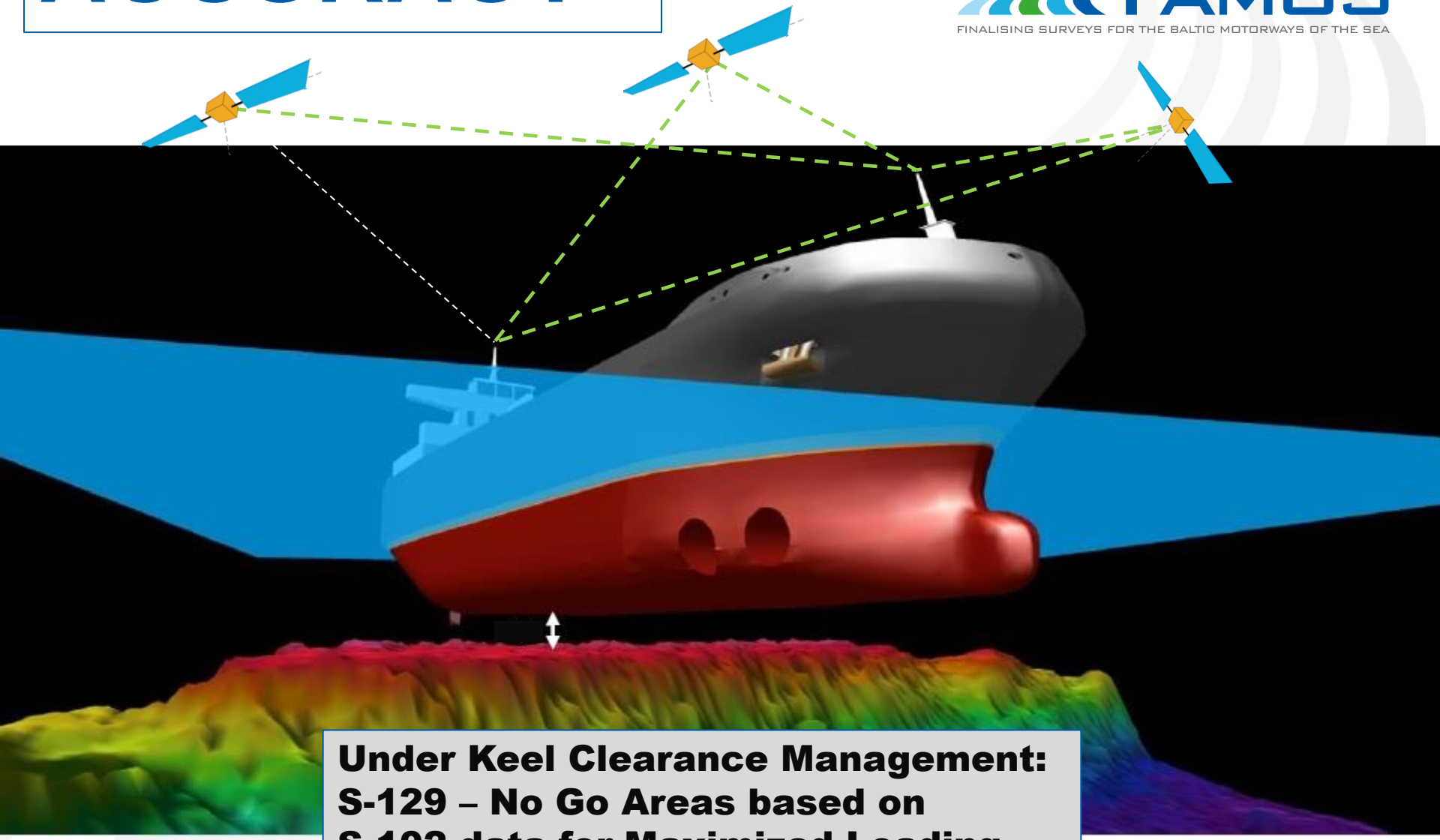

Under Keel Clearance Management: S-129 – No Go Areas based on S-102 data for Maximized Loading

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EFFICIENCY

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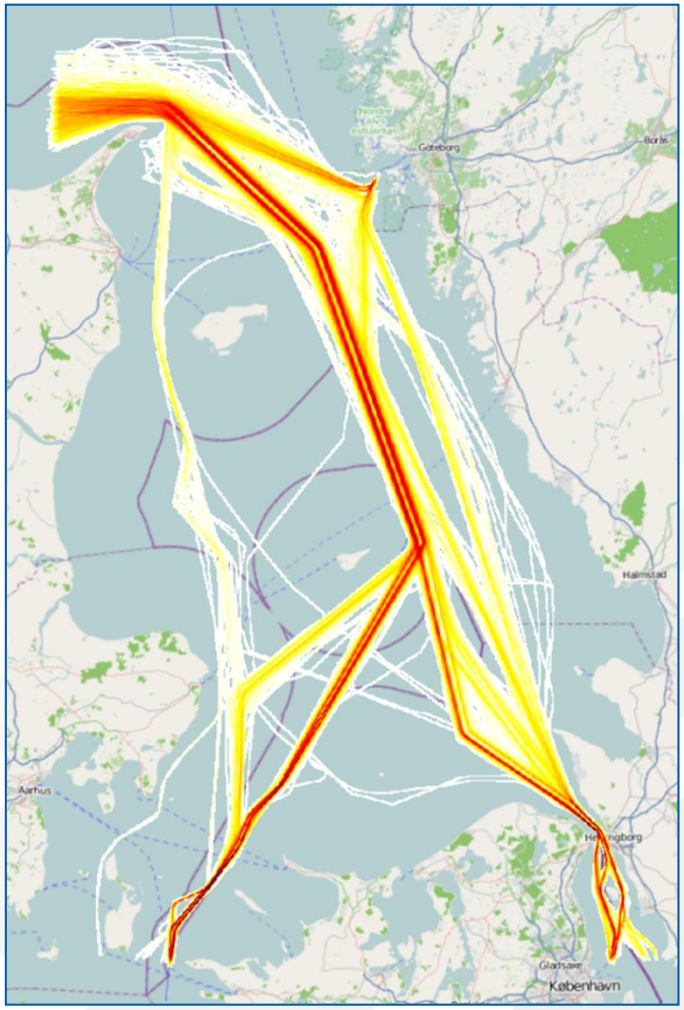

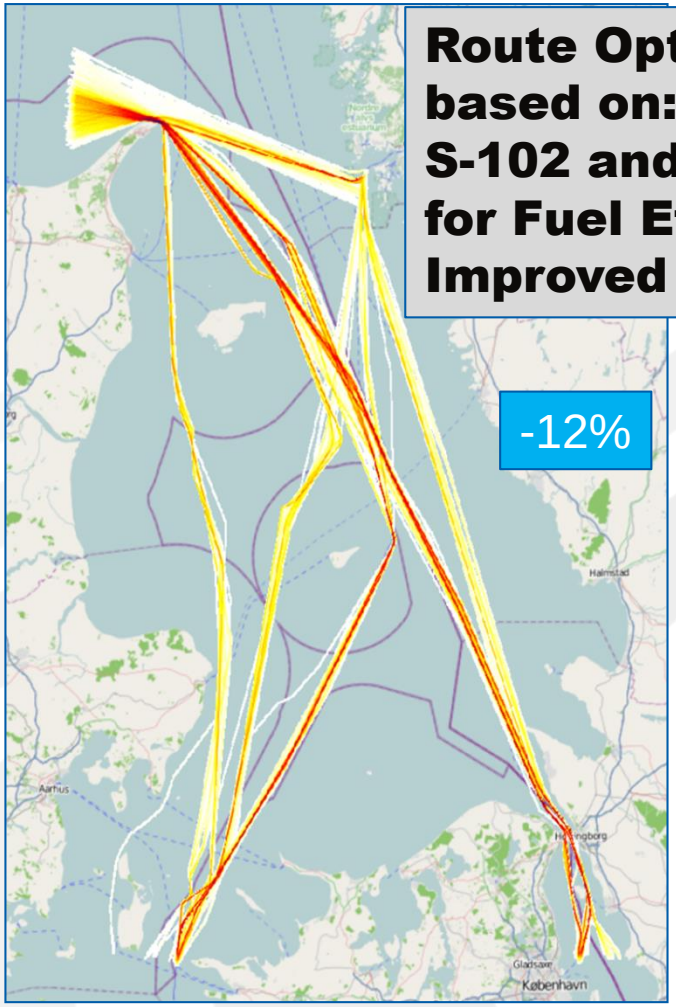

Route Optimization based on:
S-102 and S-57/S-101 for Fuel Efficiency and Improved Environment

SSPA

Actual AIS tracks **Optimized routes**

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GFZ Helmholtz Centre Potsdam

NLS Finnish Geospatial Research Institute FGI

Swedish Maritime Administration

BSH Bundesamt für Seeschifffahrt und Hydrographie

Lantmäteriet

Liikenne virasto

Tallinn University of Technology

SMHI

DTU

Geodatastyrelsen Danish Geodata Agency

SSPA

Eesti Vabariik Veeteede Amet

Bundesamt für Kartographie und Geodäsie

Lietuvos Saugios Laivybos Administracija

Swedish Maritime Administration

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Connecting Europe Facility

FAMOS Odin, highlights 2017 and 2018

- FAMOS Odin ASR 2018 was successfully submitted to INEA
- Information from INEA states ASR was well prepared and no questions or clarification is needed. Now pending formal approval
- 7 out of 9 Milestones reached (the delayed MS will be completed in 2018)
- Surveyed area 13 317 km^2 (12 990 km^2)
- 6 Shipborne gravity campaigns have been prepared, measured and computed.
- Procurement and upgrade of survey equipment for EMA, MAL and LTSA proceeding according to plan.
- The project has been highlighted in 3 articles, at 8 high stakeholder conferences and contributed to 8 scientific conferences

STM – FAMOS 2019 - 2020

DRAFT

By well defined and high quality data, with easily accessed information, emissions in the Baltic Sea will be reduced significantly and no environmental disasters will occur, due to the blue industry by 2030

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HELCOM

BALTIC SEA HYDROGRAPHIC COMMISSION BSHC

EUSBSR EU STRATEGY FOR THE BALTIC SEA REGION

POLICY AREA 'SAFE'

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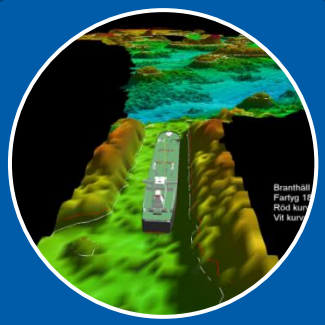
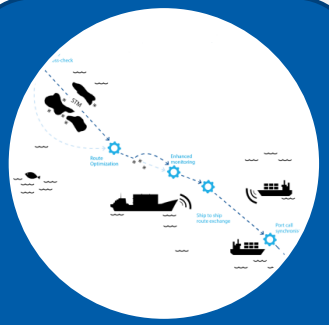
STM – FAMOS 2019 - 2020

DRAFT





Optimized Transports | **Future Positioning** | **Smart Fairways** | **Navigational Information**

Source Data

Gravimetry

Baltic Sea Bathymetry Database

Sea Trafic Management

Blue growth data Infrastructure

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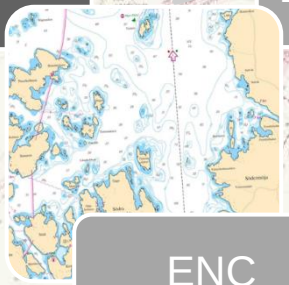
ADAPT

Assuring Depth of Fairways for the Archipelago Public Transportation

- Aims to develop *safe*, *time-saving* and *fuel-efficient routes* for the *transportation* of passenger and goods in the *Åland and Stockholm archipelagos*
- Financed by Interreg Central Baltic
- Budget of € 2,2 millions
- Partners are Swedish Maritime Administration (coordinator), Stockholm City Council and the Government of Åland
- March 2016 – August 2019
- Comprises 280 km^2 of surveyed areas in the archipelagos

Surveying
2016 - 2017

Database
2016 - 2018



ENC
2017 - 2018

Interreg Central Baltic
EUROPEAN UNION European Regional Development Fund
SJÖFARTSVERKET
Stockholms läns landsting
Ålands landskapsregering