STM
SEA TRAFFIC MANAGEMENT

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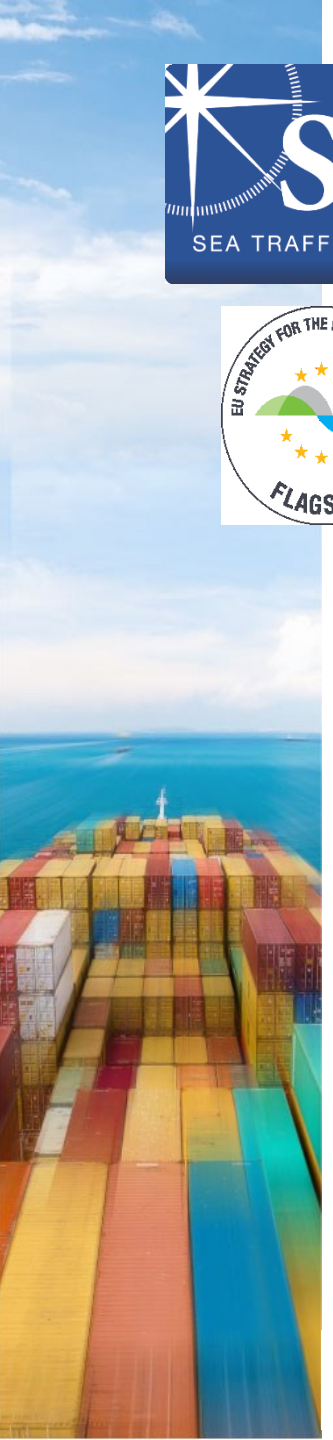
EU STRATEGY FOR THE BALTIC SEA REGION
FLAGSHIP

STM @ PA SAFE
2017-11-09, GDYNIA
ULF SIWE, SMA

2017-11-13



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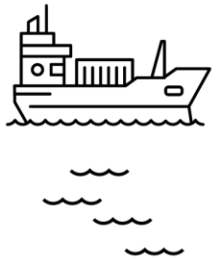
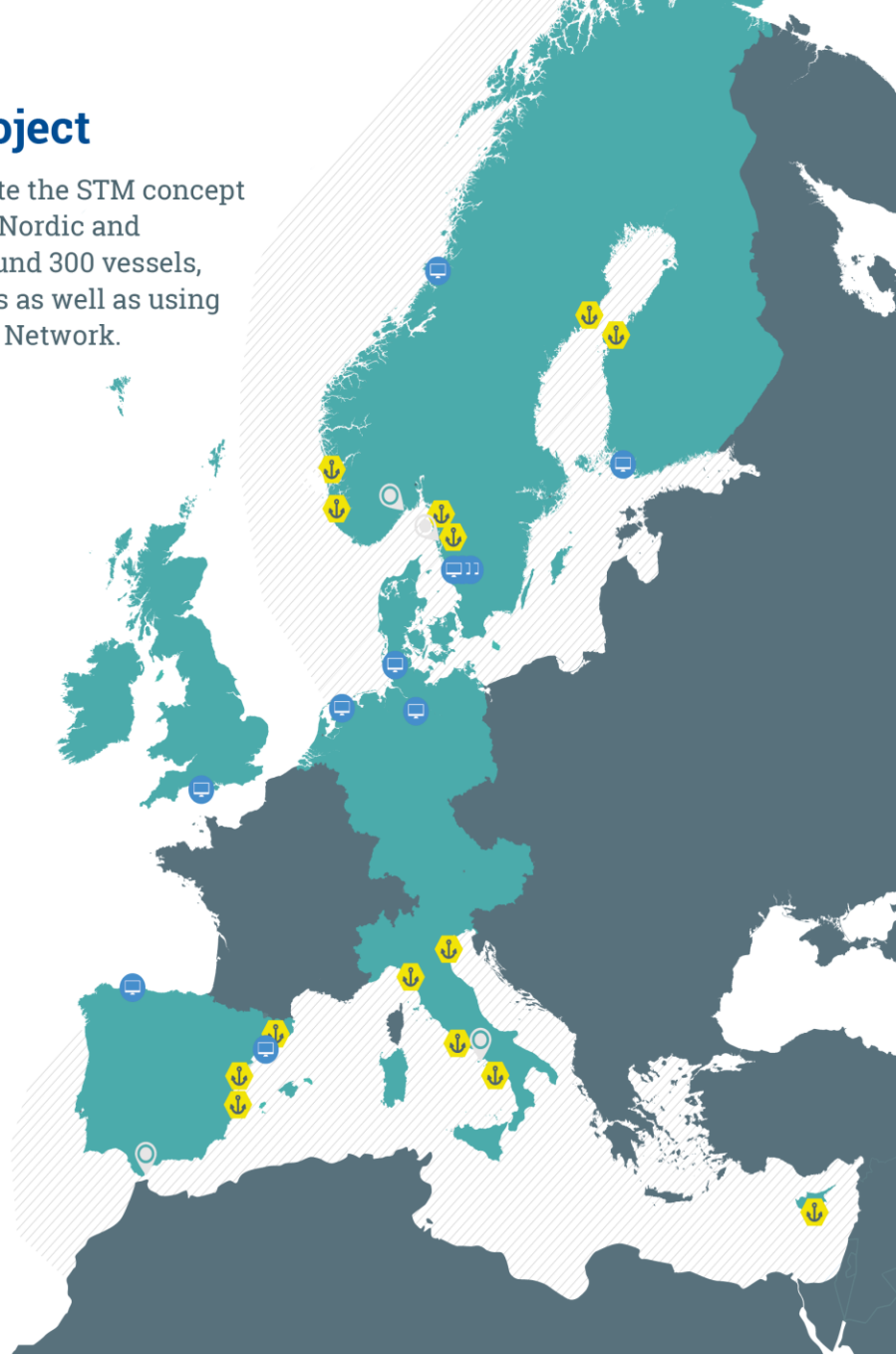
STM Validation Project

The STM Validation Project will demonstrate the STM concept in large-scale test beds in both the Nordic and Mediterranean Seas, encompassing around 300 vessels, 13 ports and 4 shore based service centres as well as using the European Maritime Simulator Network.

- Simulation centre in European simulation network (EMSN)
- Port CDM Port
- Shore centre
- Test bed for STM-services
- Country with project partner(s)





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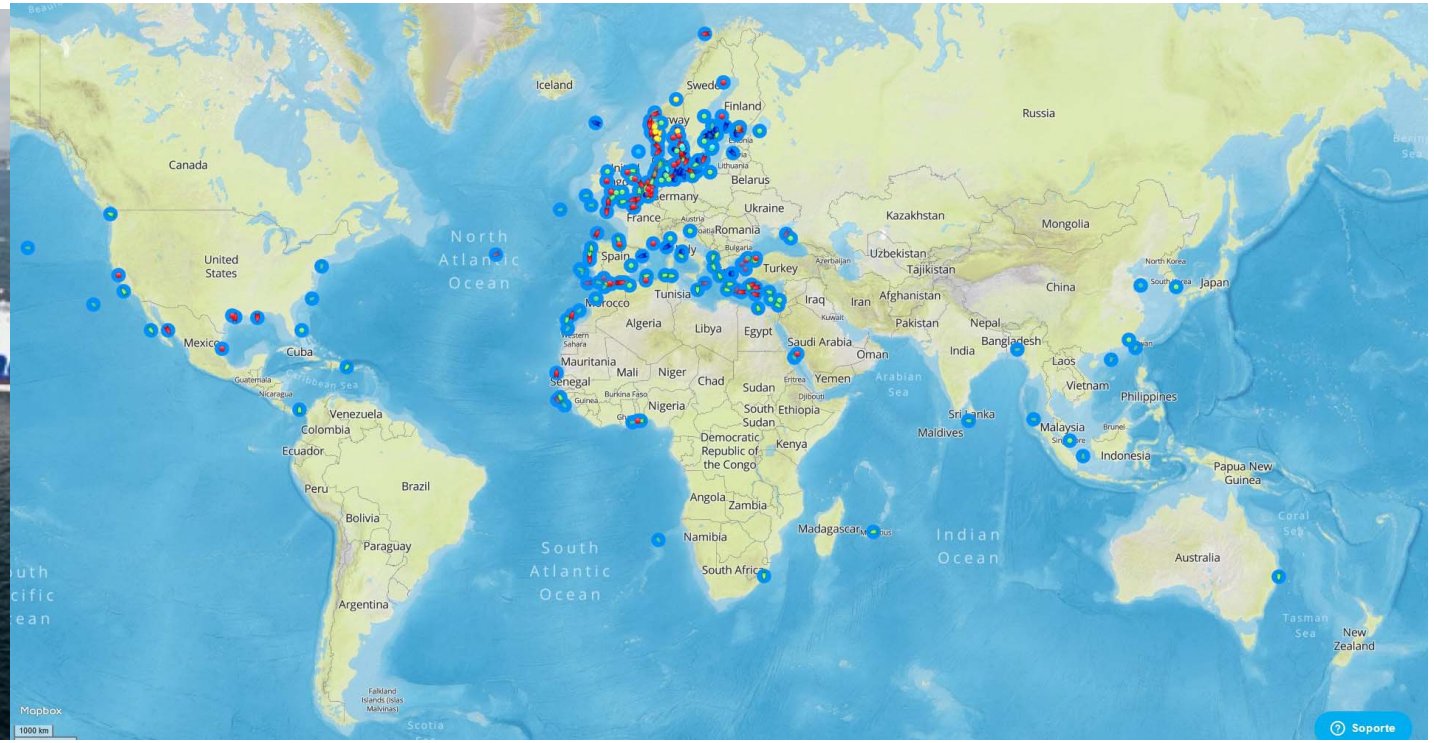
Since last time we met…



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Helcom Recommendation 34E/2

FROM

Proactive route planning

Test MSI, NM

TO

Exchange of voyage plans

And S2S route exchange, Route optimization, Route Cross-checking, Route and port monitoring, Ice routeing, Port call optimization, Port call synchronization, Flow optimization, Facilitated reporting, Pilot route distribution, and efficient exchange of SAR information

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Helcom recommendation 34 E/2

- amended by HELCOM Maritime 17 (October 2017)

- **RECOMMENDS** the Governments of the Baltic Sea countries to bring forward/develop concrete solutions suitable for testing and validating e-navigation services in the Baltic Sea region and to take necessary actions to support the technical developments, including defining the relevant performance and technical standards, and potentially define the regulatory framework,
- **ENCOURAGES** the Governments of the Baltic Sea and other relevant parties to take part in the coming test period for Sea Traffic Management (STM) exchange of voyage plans in shore-based systems and services e.g. VTS, ice-breaking, Search and Rescue and pilotage,
- **ENCOURAGES** the Governments of the Baltic Sea and other relevant parties to take the necessary steps so that ships with suitable equipment and sailing in the Baltic Sea may have the ability to share their voyage plans ship to shore and shorter route messages between ships, or if not possible other information on their voyage plans,

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What is happening soon

EIPA

EPSA 2017

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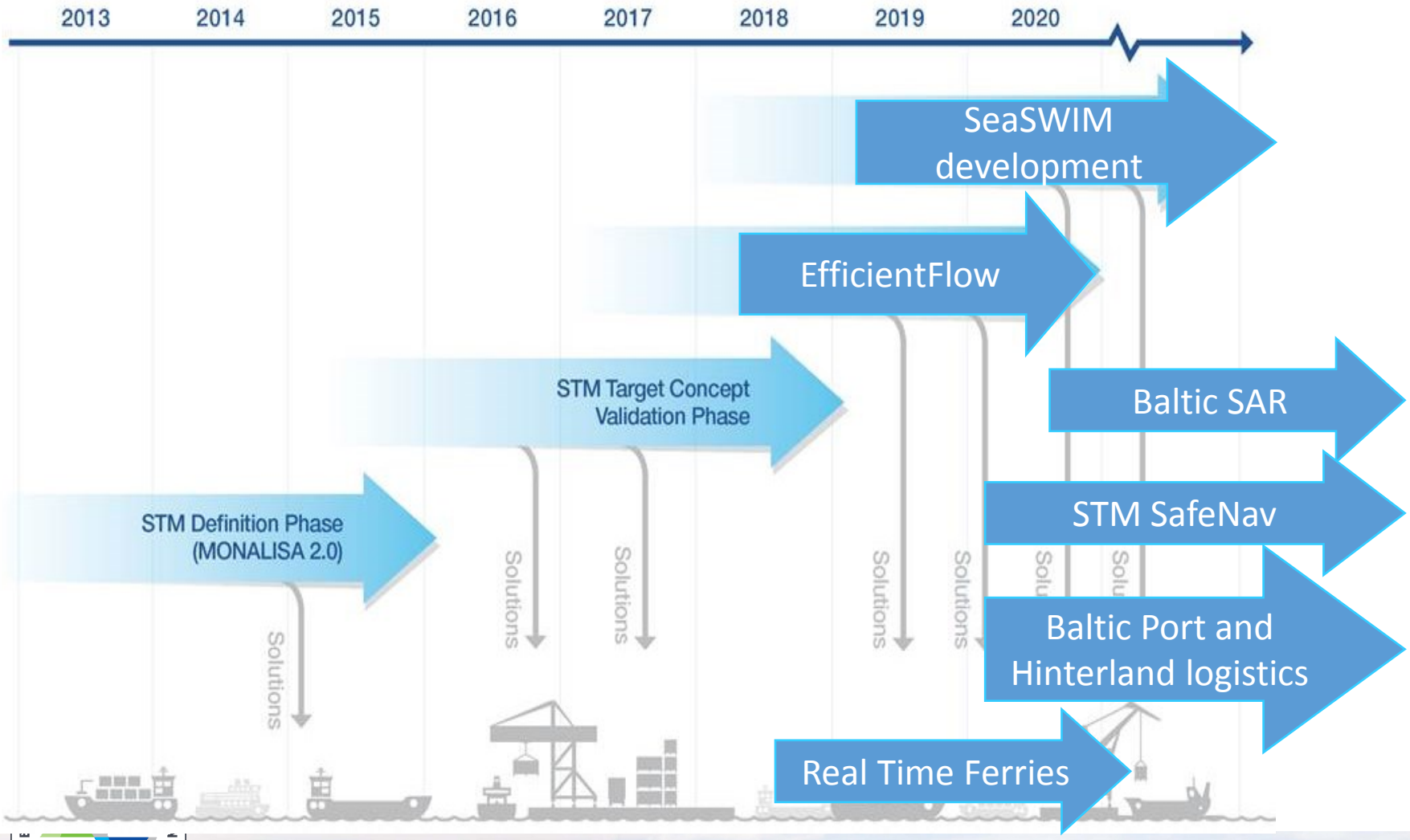
STM Baltic – time to deploy



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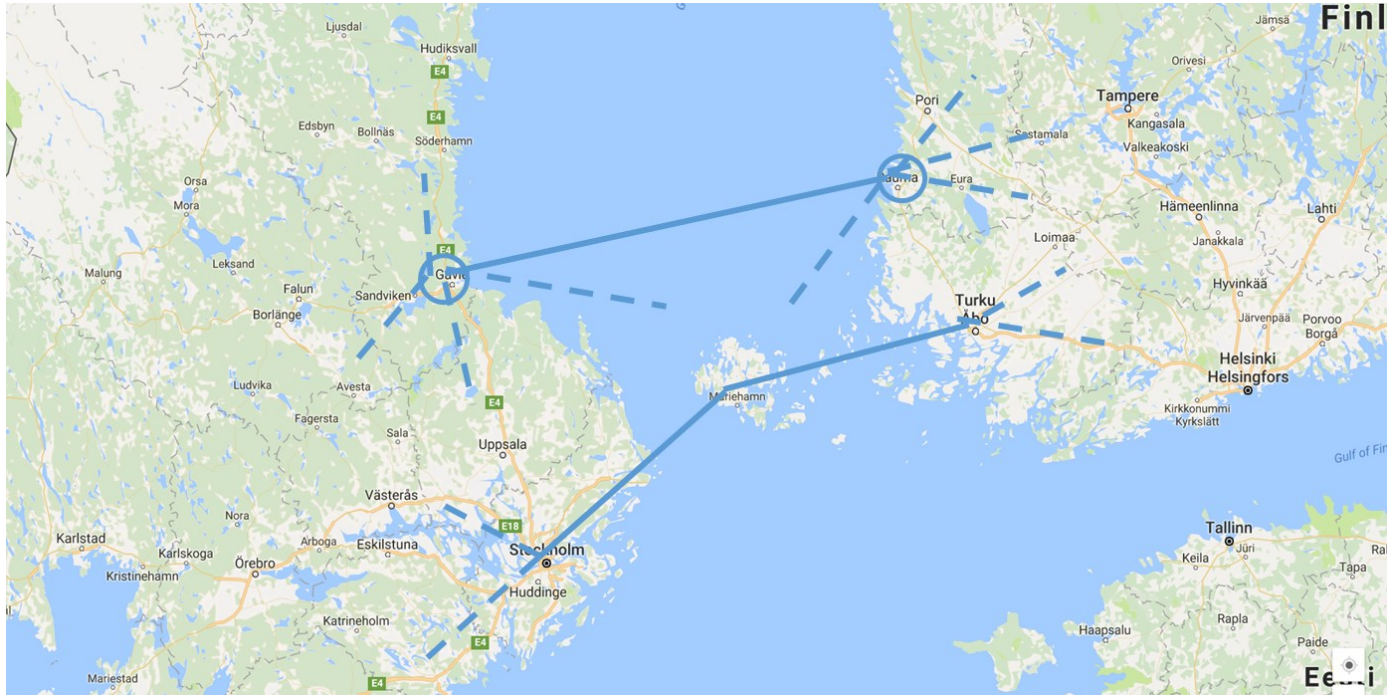
Project – EfficientFlow



Implementation of STM in Central Baltic

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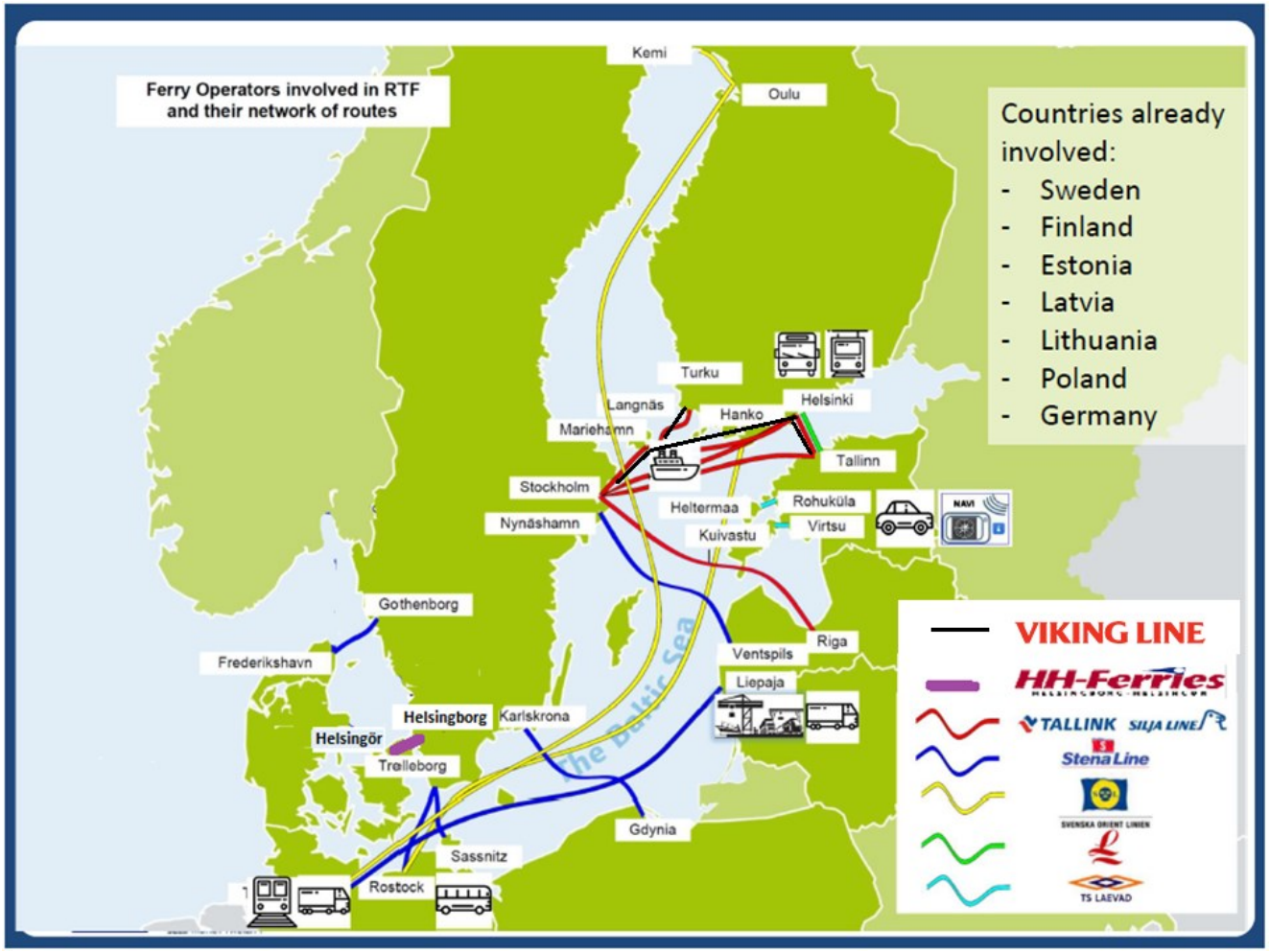
Project Real-Time Ferries



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Interreg Baltic Sea Region
EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND

New Flagship(?) Project STM Baltic

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Basic idea

- (2018)2019-2021
- Tanker traffic in the Baltic
- Builds on ES2 & STNM maritime service infrastructure
- Exchange of voyage plans, STM in VTS, automatic reporting to GOFREP, SOUNDREP, BELTREP(?) and MSW
- Test STM-BIMCO new clauses for contracts
- SE, FI, RU, EE, NO, DE(?), DK(?), LT(?), LV(?), PL(?)

HELCOM recommendation 34 E/2

INTERREG Baltic Sea program.

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Other new projects

- STM Baltic Intermodal – PortCDM in TEN-T corridors
- Baltic SAR
- Competency – as discussed in Brussels
- Brainstorm workshop at next PA Safe?

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