

Hydrographic Surveying and S-100 standards for competitive shipping

[Video file \(large 200+ Mb\)](#)

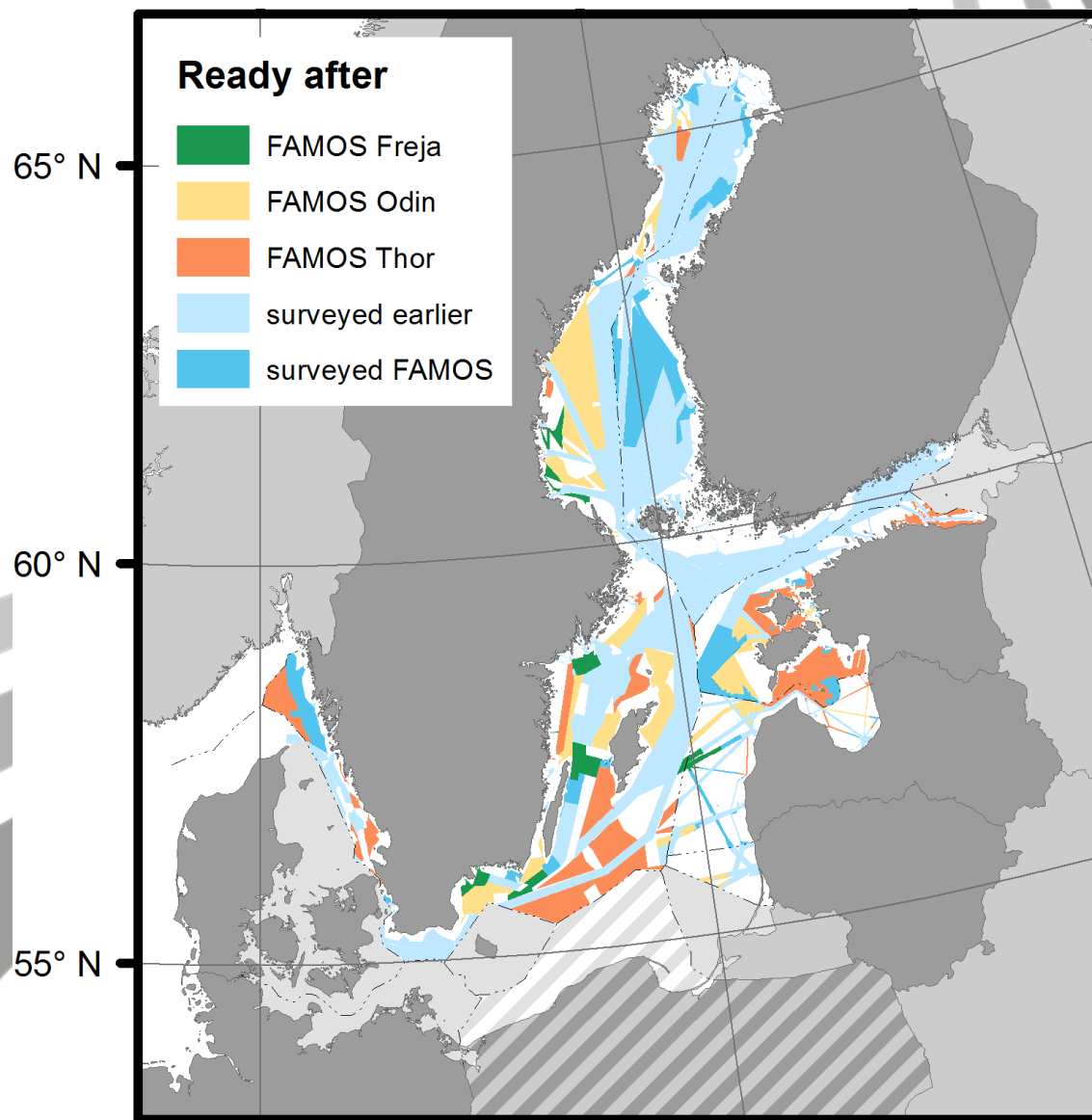
or...

https://www.youtube.com/watch?v=03QLivaG_jE

Major activities in FAMOS (Finalising Surveys for the Baltic Motorways of the Sea)

- Hydrographic Surveys
- Improving vessel navigation for the future
- Improving surveying infrastructure
- Data workflow from sounding to bridge
- 15 partners from 7 nations participating

Hydrographic Surveys in FAMOS project

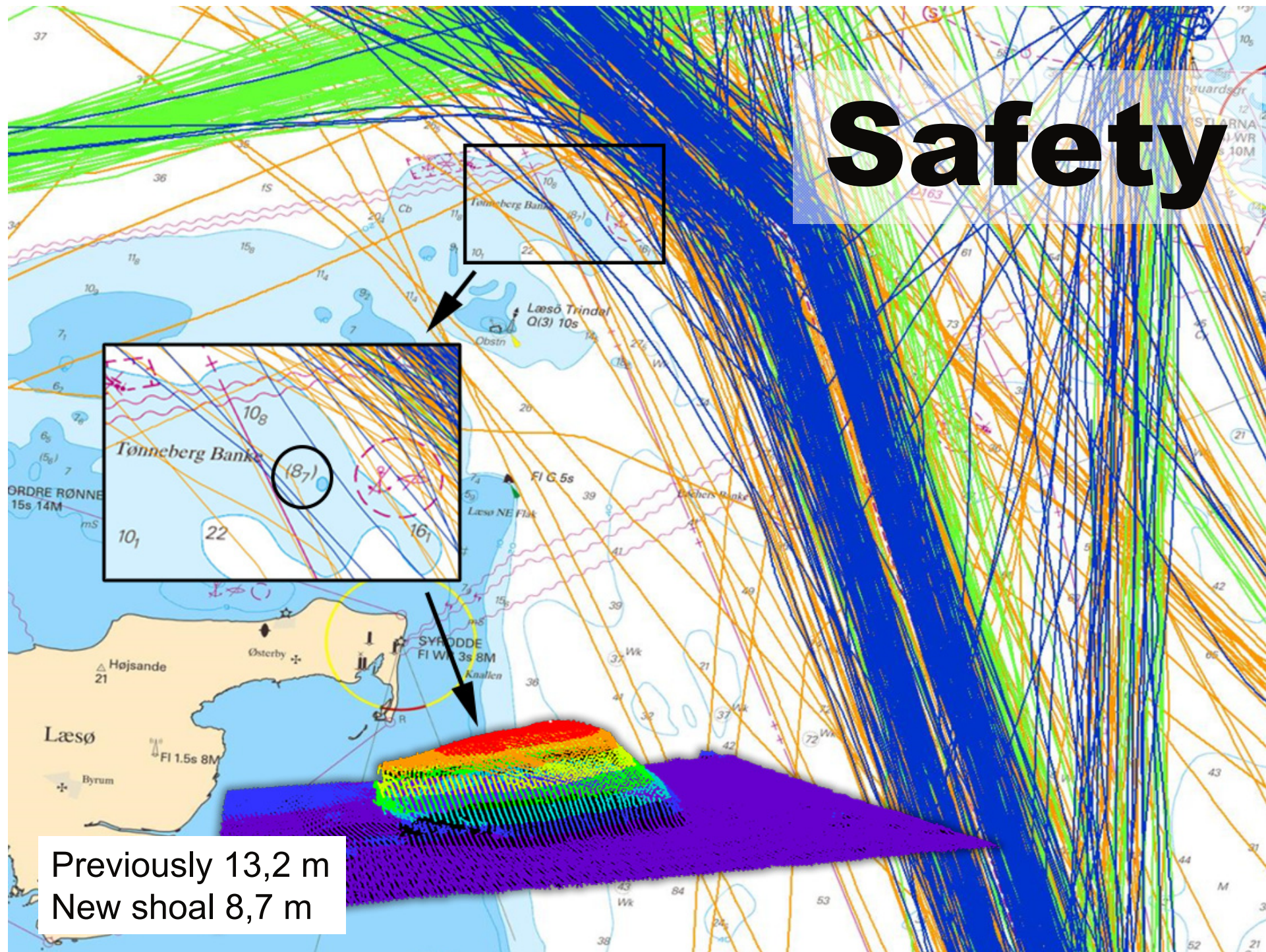


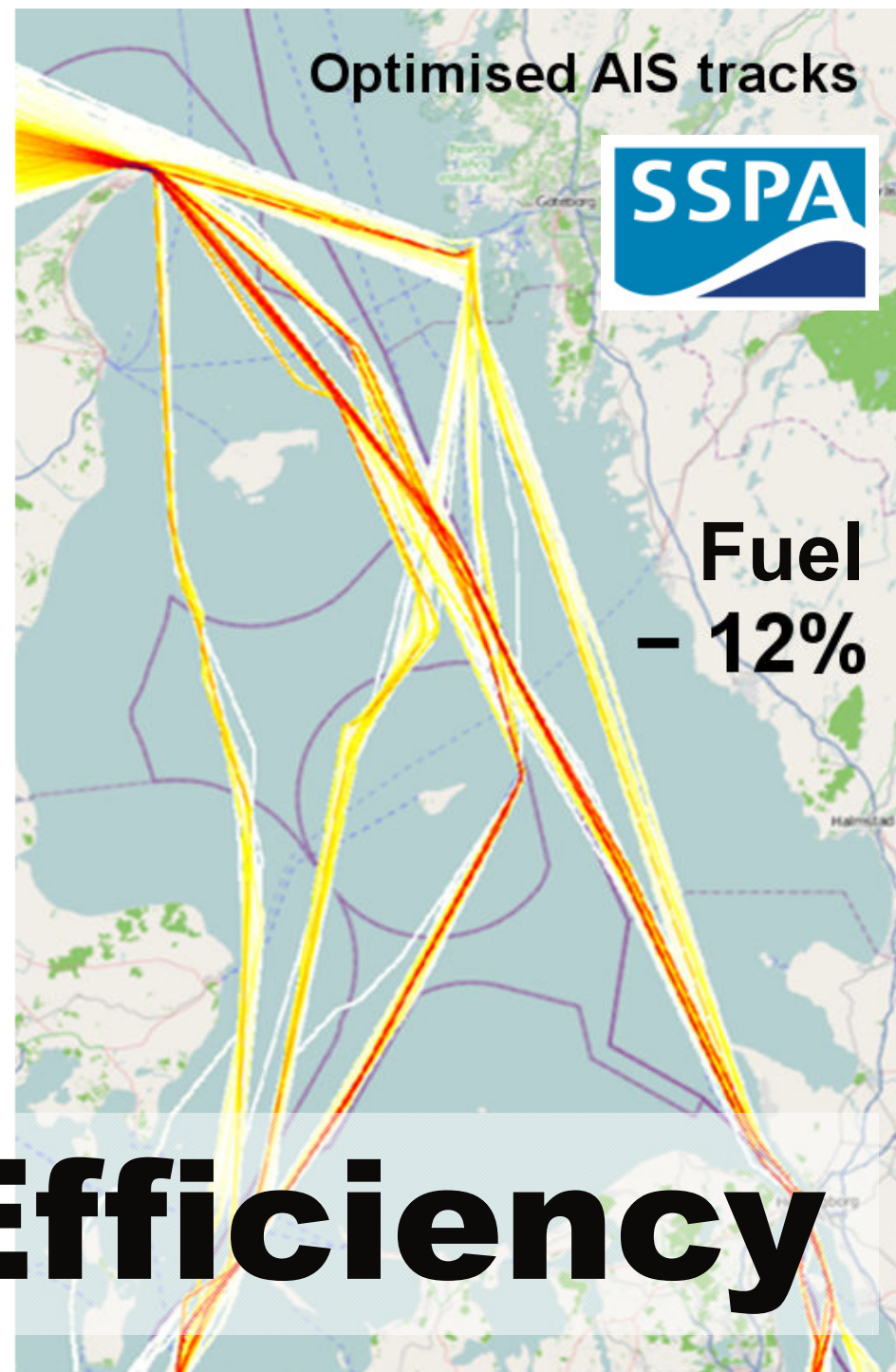
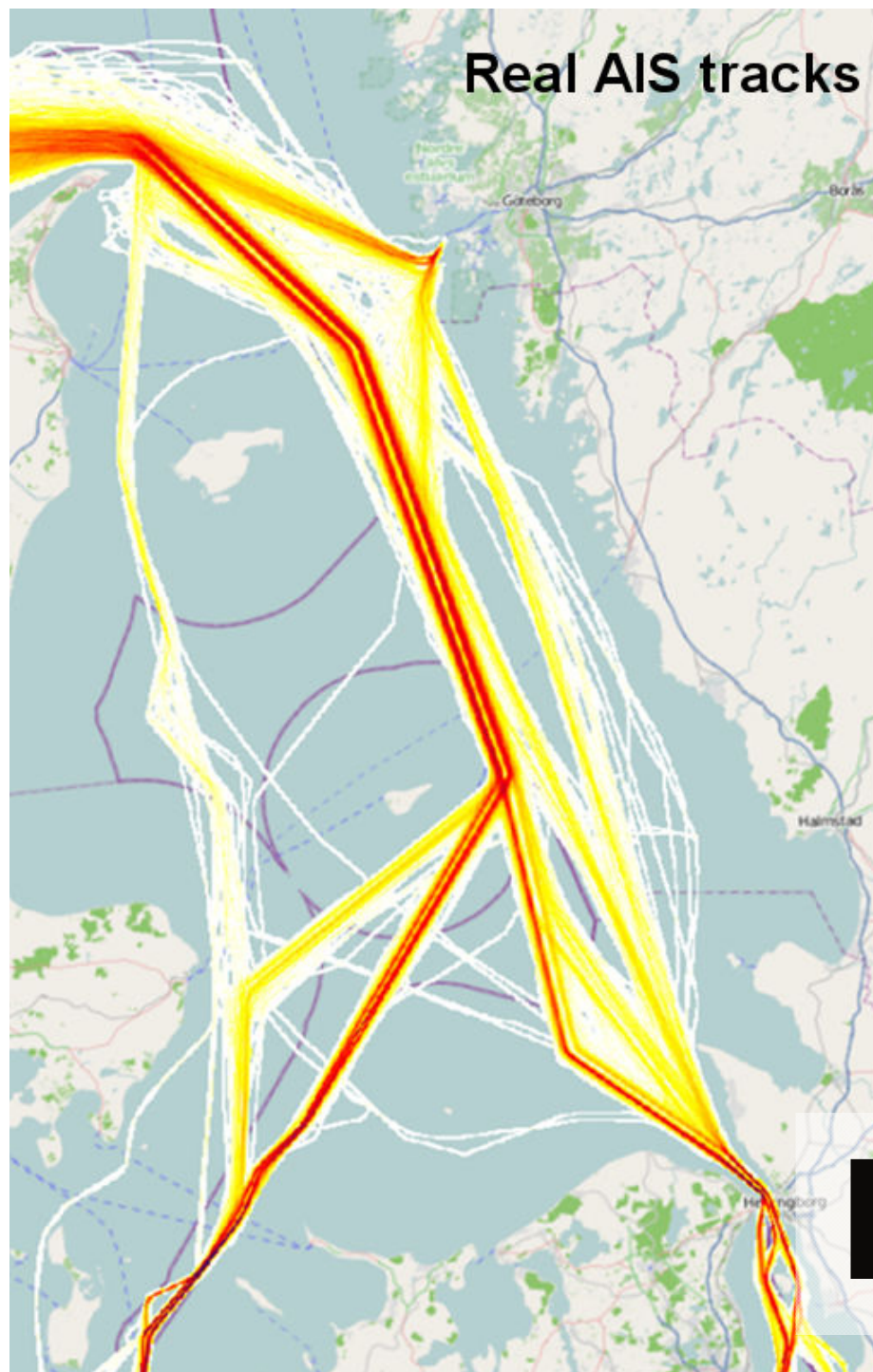
SWEDISH MARITIME
ADMINISTRATION

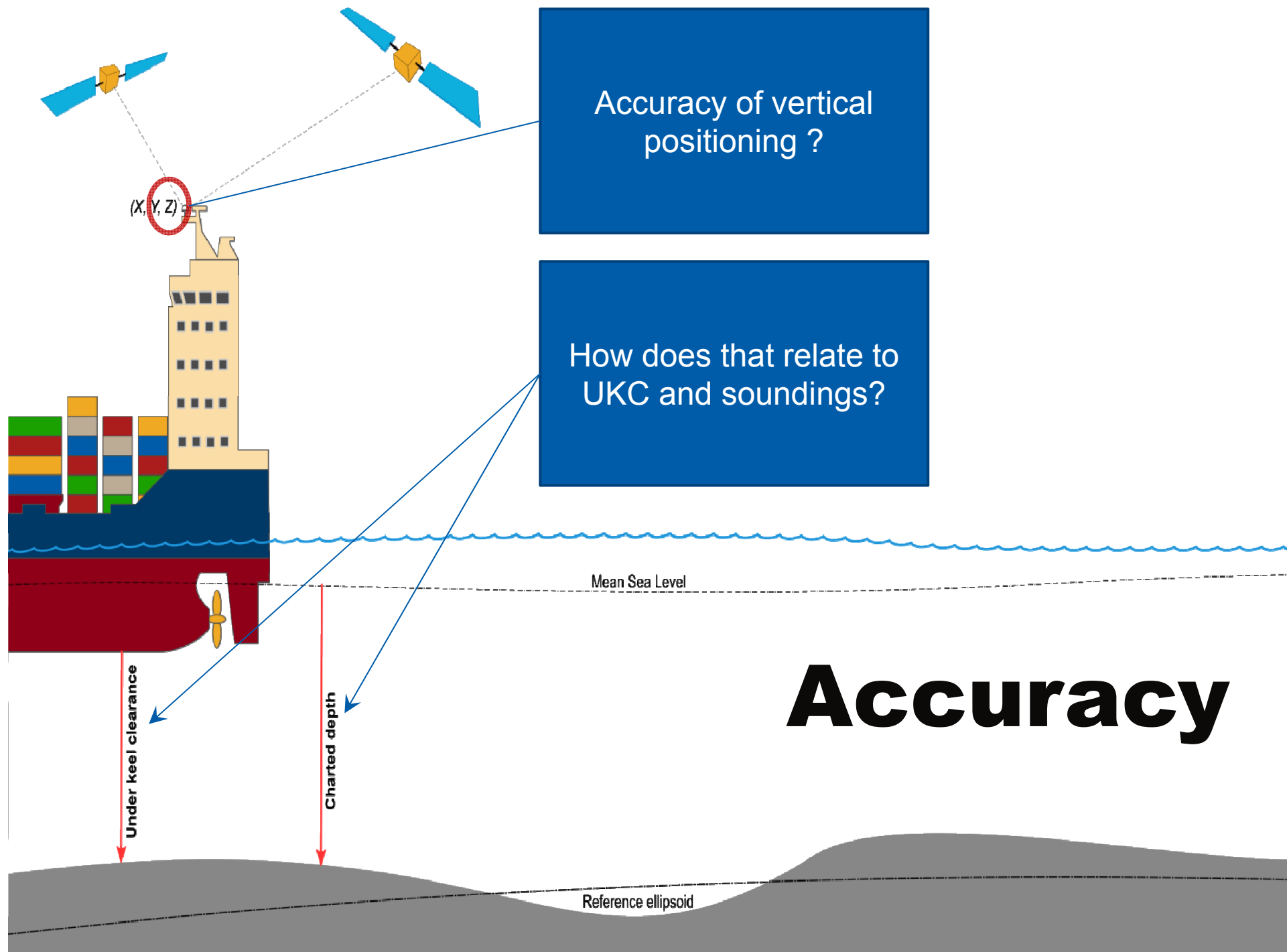


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Safety

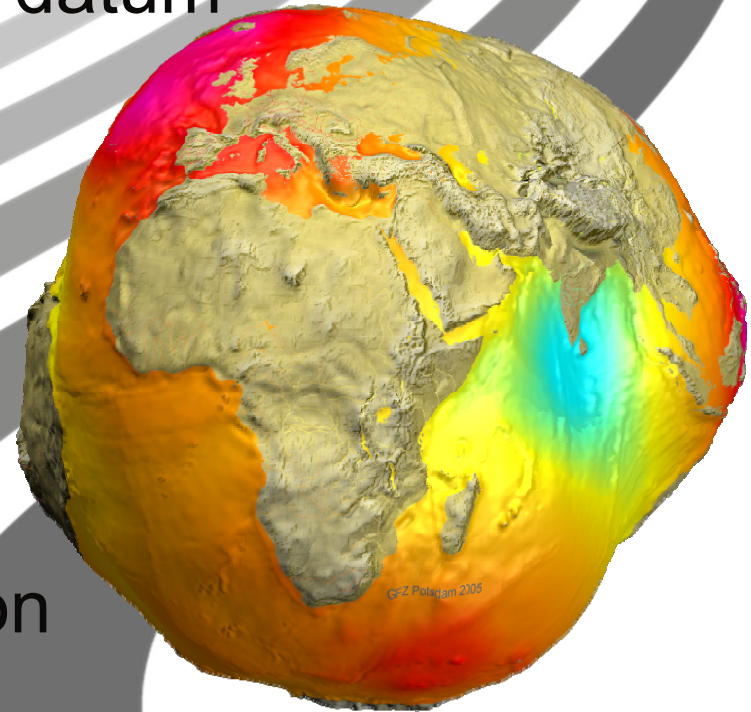






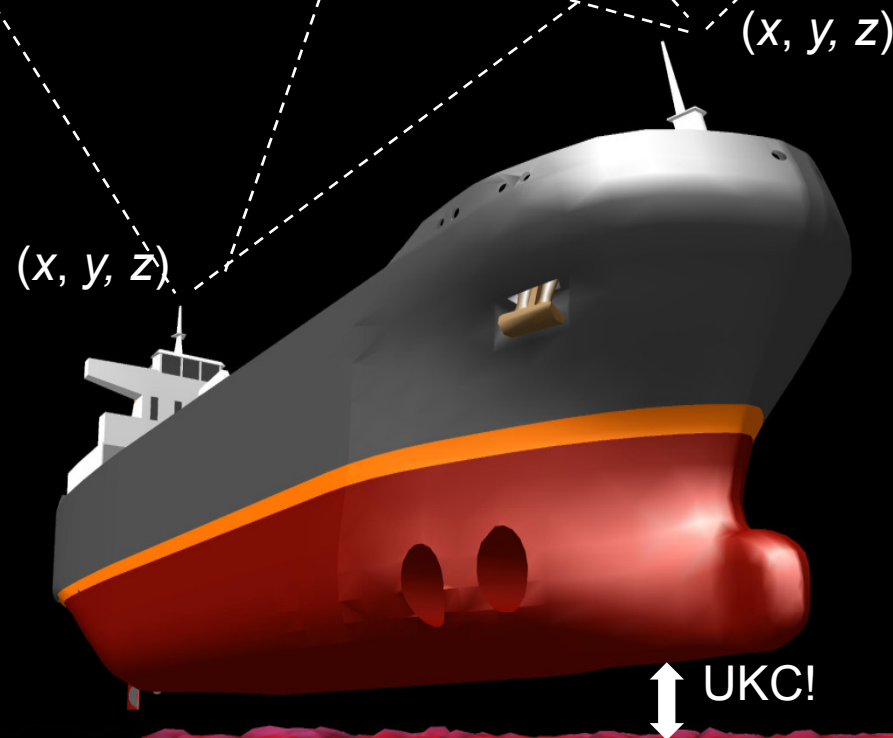
FAMOS act 2: Improving vessel navigation for the future

- A future-proof geodetic chart datum
- Gravimetry Measurements
- Geoid computations
- Mean Sea Surface modeling and water level control
- Shipborne GNSS for precision navigation at sea



Accuracy

3D navigation



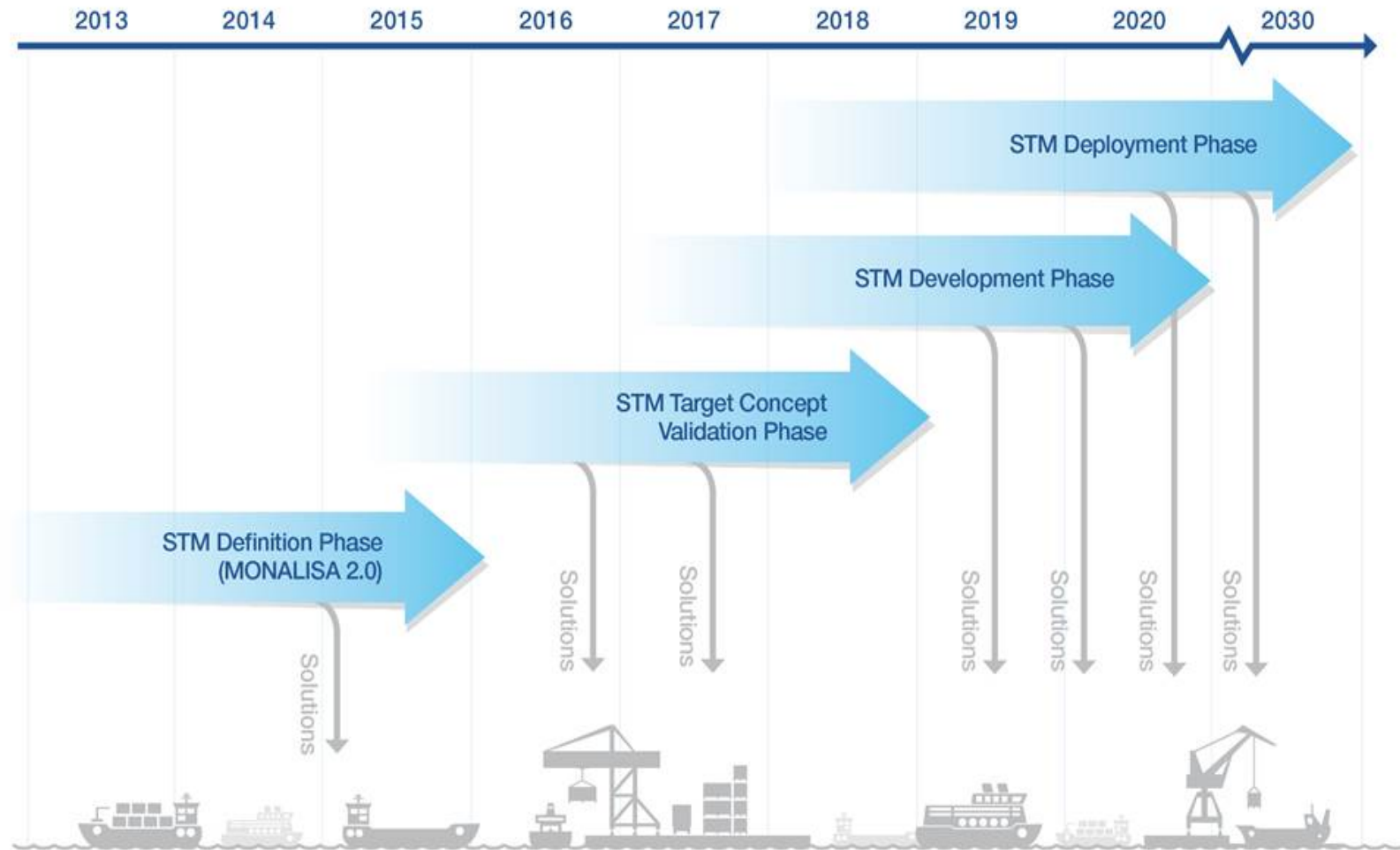
“Under Keel Clearance aware navigation”

Major activities in STM (Sea Traffic Management)

- Port Collaborative Decision Making
 - Voyage Management Test Beds
 - Maritime Simulator Network Test Bed
 - Maritime Service Infrastructure
-
- 39 partners from 13 nations participating



The EU support for STM



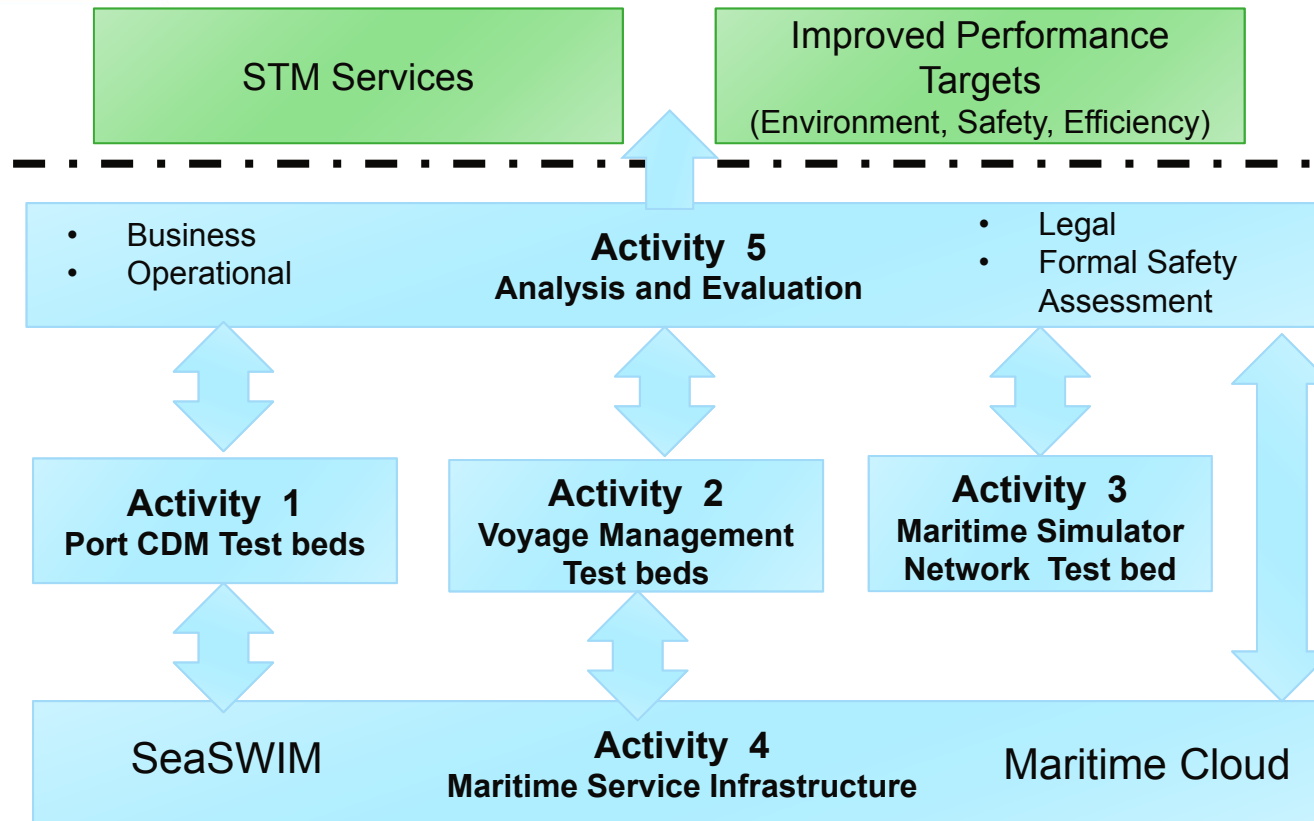
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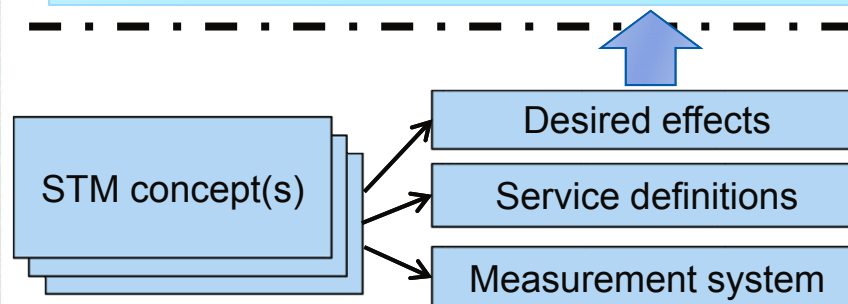
Project Setup



**Deployment /
Development**
2018-2030



**STM
Validation
Project**
2015-2018



2013-2015



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Information

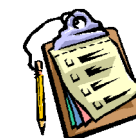
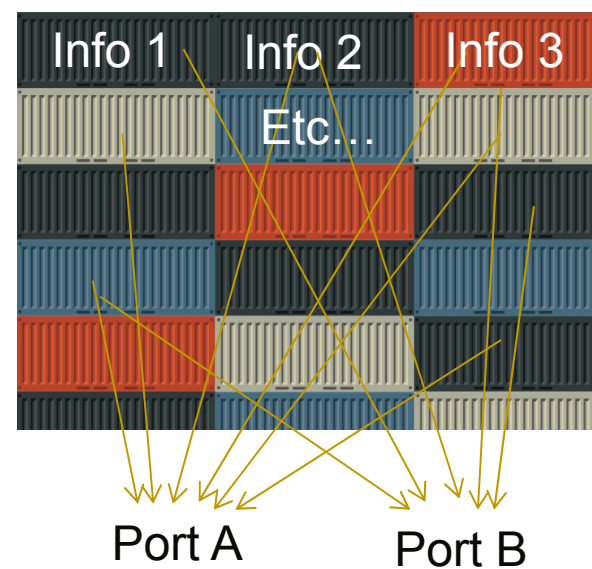
From



Port A

Port B

To

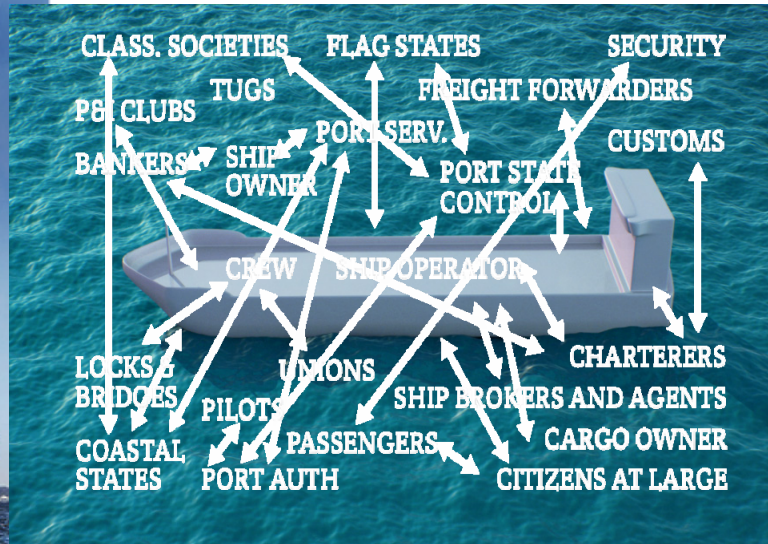


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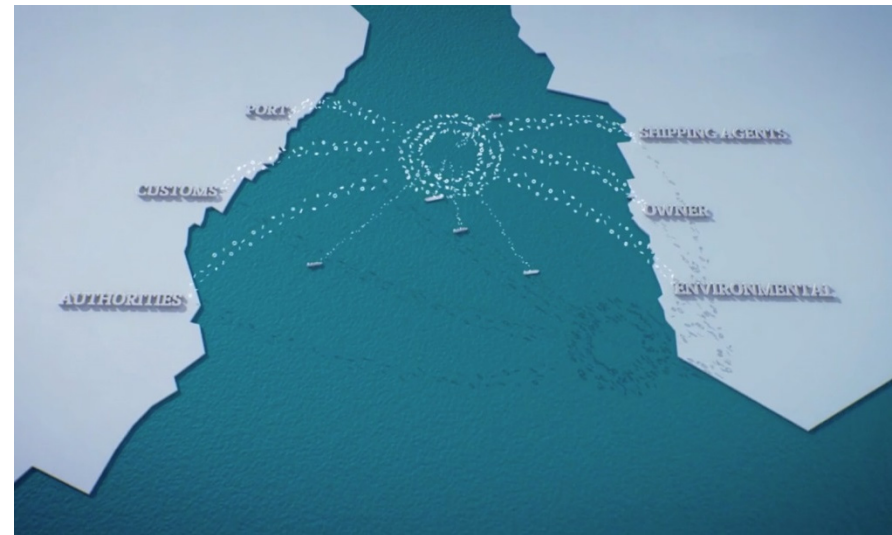


Communication

From
point-to-point



To
System Wide Information Mgmt
(SWIM)



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HSSC is invited to....

- Note the paper and presentation
- Consider if a presentation on these topics could be a contribution to upcoming IHO Assembly representing some aspects of and promoting the work of HSSC.
- If relevant, give any advice on the content

Thankyou !!

- More information at www.famosproject.eu and www.stmvalidation.eu