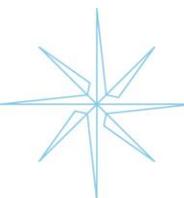


# EU Funding Opportunities Coastal Bathymetric Acquisition



**Magnus Wallhagen**  
**Head of Production,**  
**Hydrographic Office**



# SMA Projects with Bathymetric Acquisition



*Surveying for 2nd WW  
dumping site*



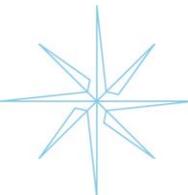
*Surveying for safe and efficient routes  
for seagoing public transport in  
Stockholm and Åland archipelago*

## ***The Iron Ore Port – Luleå Malmporten***

*Increased depth to Baltic Sea max in Bay of Bothnia - Luleå*



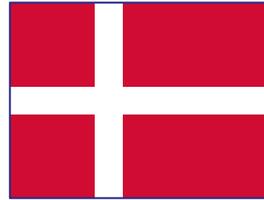
*Surveying for future navigation – Safety, Efficiency and Accuracy*



# A Historical Mapping of the Baltic Sea



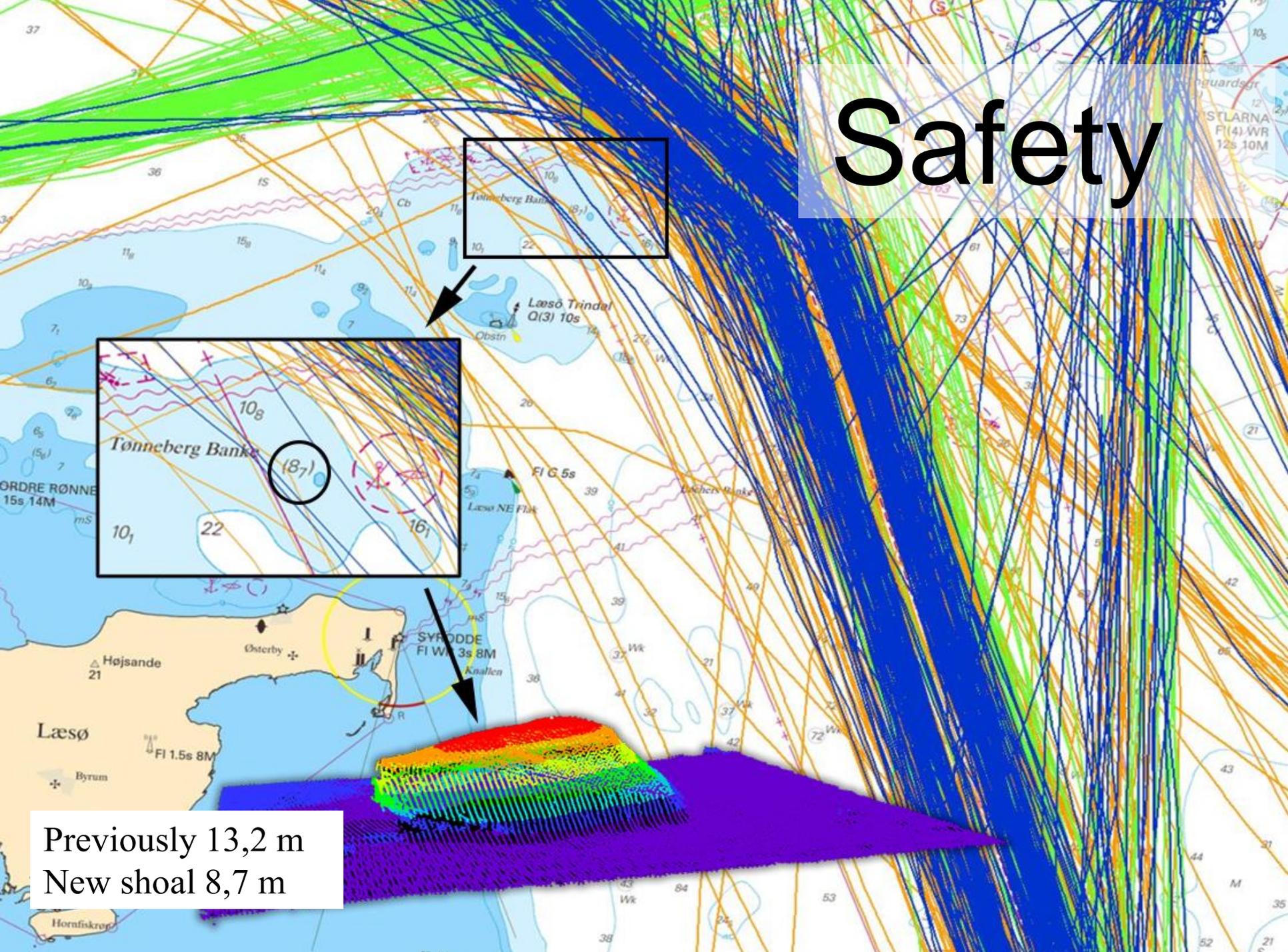
Co-financed by the European Union  
Connecting Europe Facility



**EUSBSR**  
EU STRATEGY  
FOR THE BALTIC  
SEA REGION

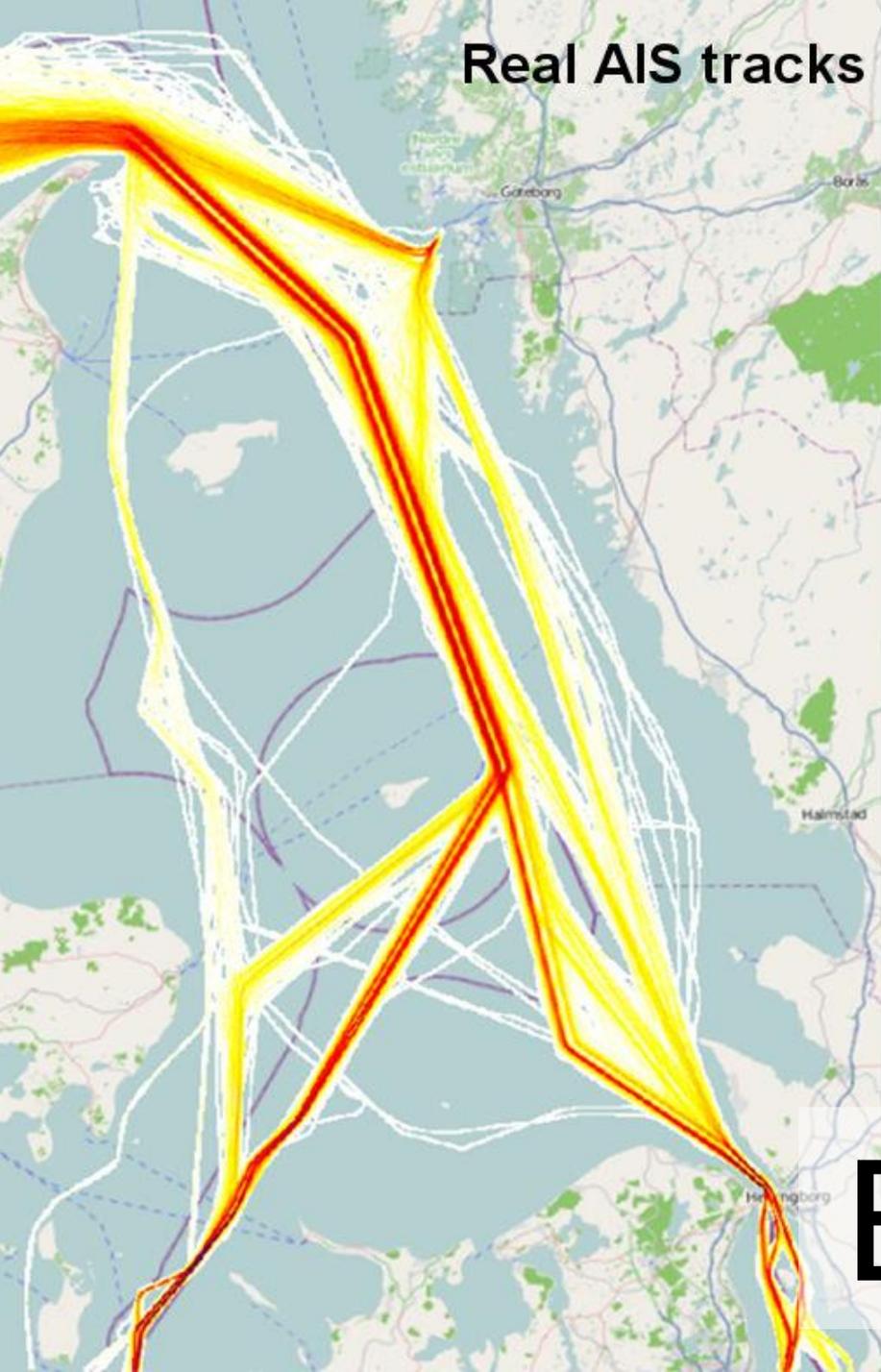


# Safety

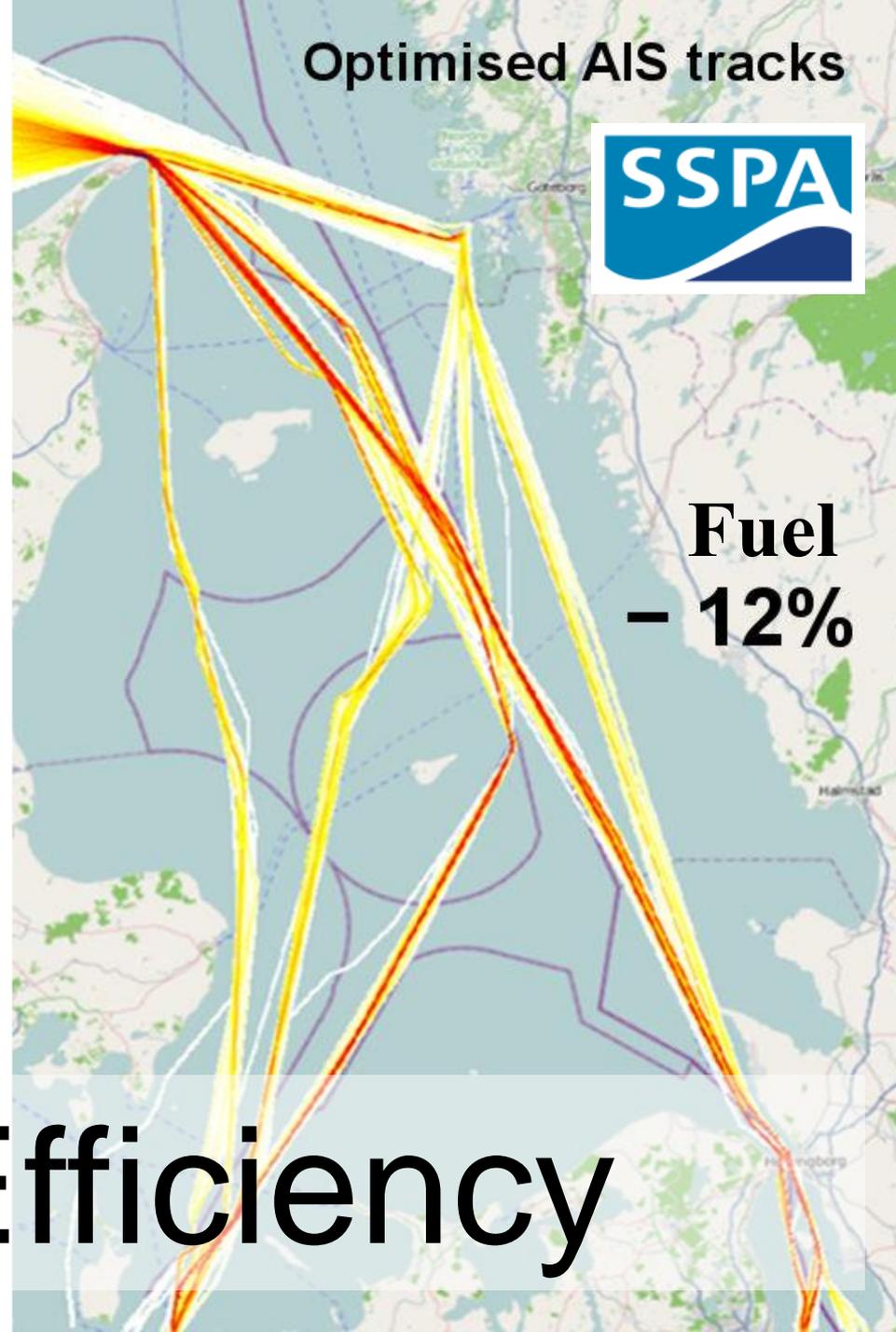


Previously 13,2 m  
New shoal 8,7 m

**Real AIS tracks**



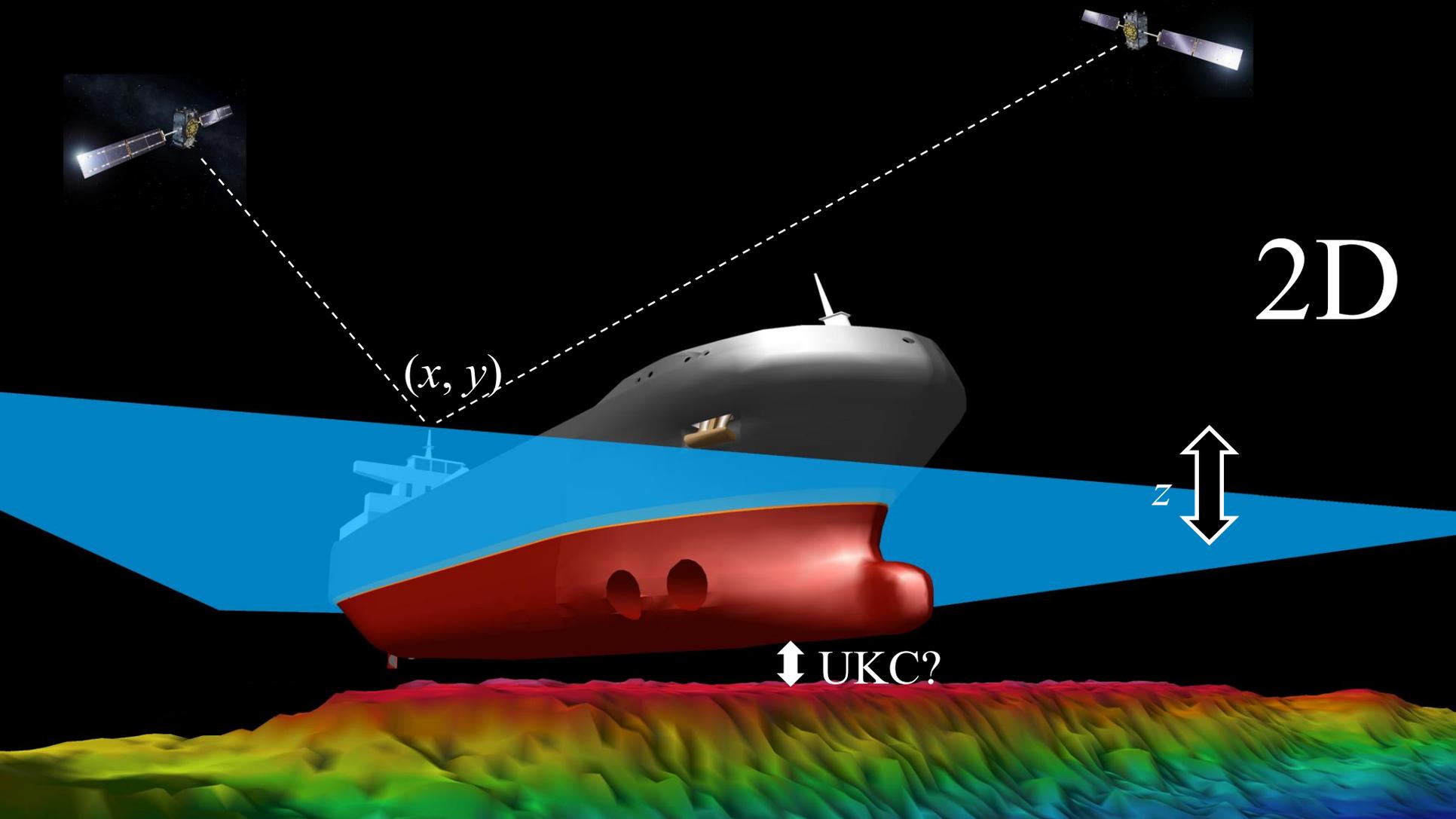
**Optimised AIS tracks**



**Fuel  
- 12%**

**Efficiency**

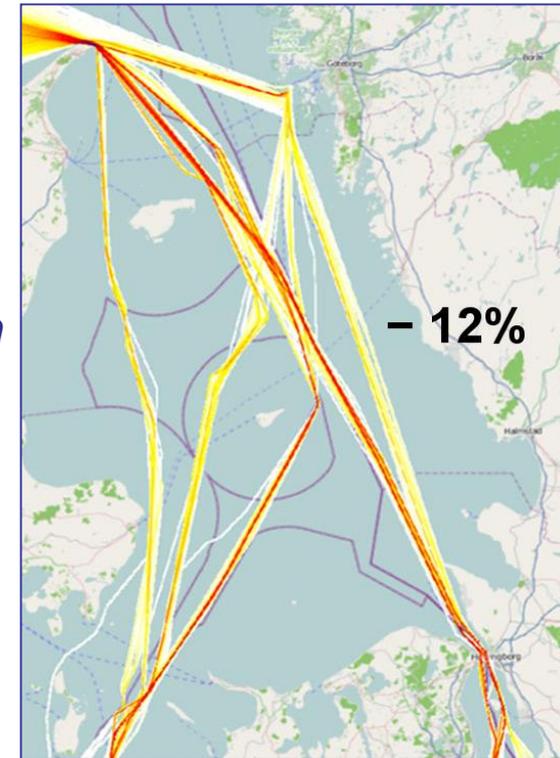
# Accuracy



# Bathymetric Acquisition – not just for shipping

*Reliable bathymetry provides  
basic knowledge for  
Blue Growth:*

- *Environmental mapping*
- *Environmental protection*
- *Marine spatial planning*
- *Climate change actions;  
protection, flooding prediction*
- *Efficient shipping*
- *Tourism*
- *Energy at sea;  
wind and wave*
- *Fishing*
- *Marine farms*
- *Exploitation*
- *Services developed by  
SMEs – job creation*



# Obstacles in existing Funding Programmes

- **Hydrographic Surveying (bathymetric acquisition) is only mentioned in the CEF Motorways of the Seas programme**
- **You need to be very innovative in order to get a hydrographic surveying project approved**
- **Hydrographic Surveying is needed for many different stakeholders – There is no overall funding programme for mapping**

*EU is spending for funds on space projects then mapping its own coastal waters?*

