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





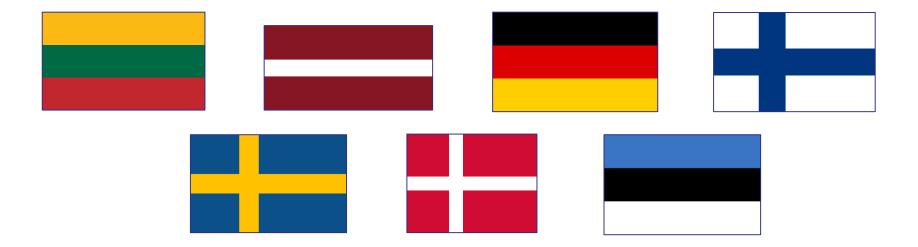
Surveying for future navigation – Safety, Efficiency and Accuracy



A Historical Mapping of the Baltic Sea



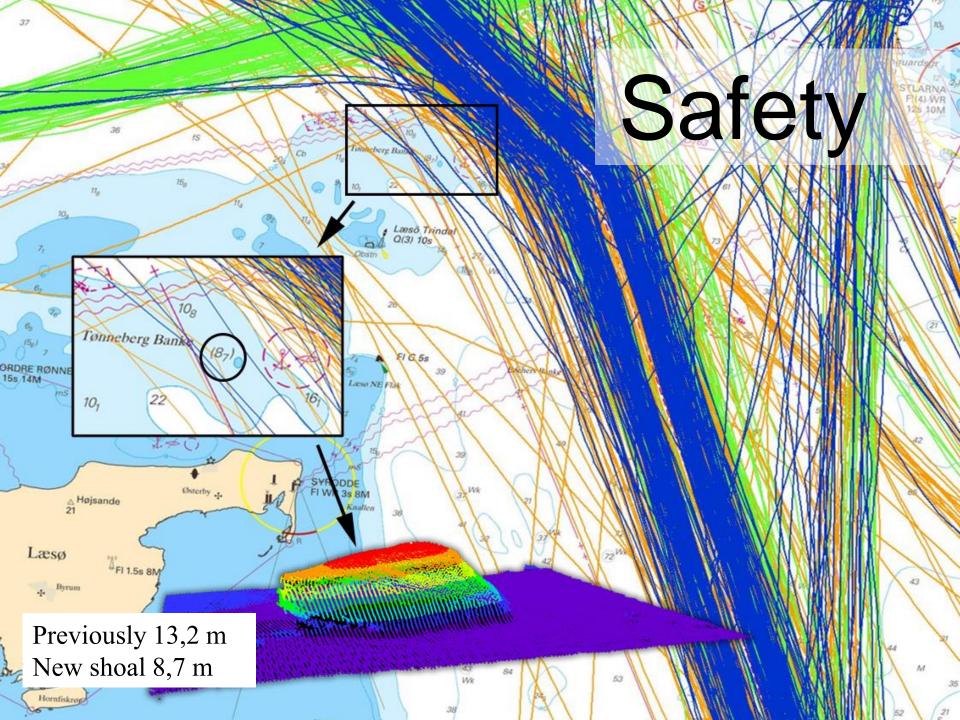


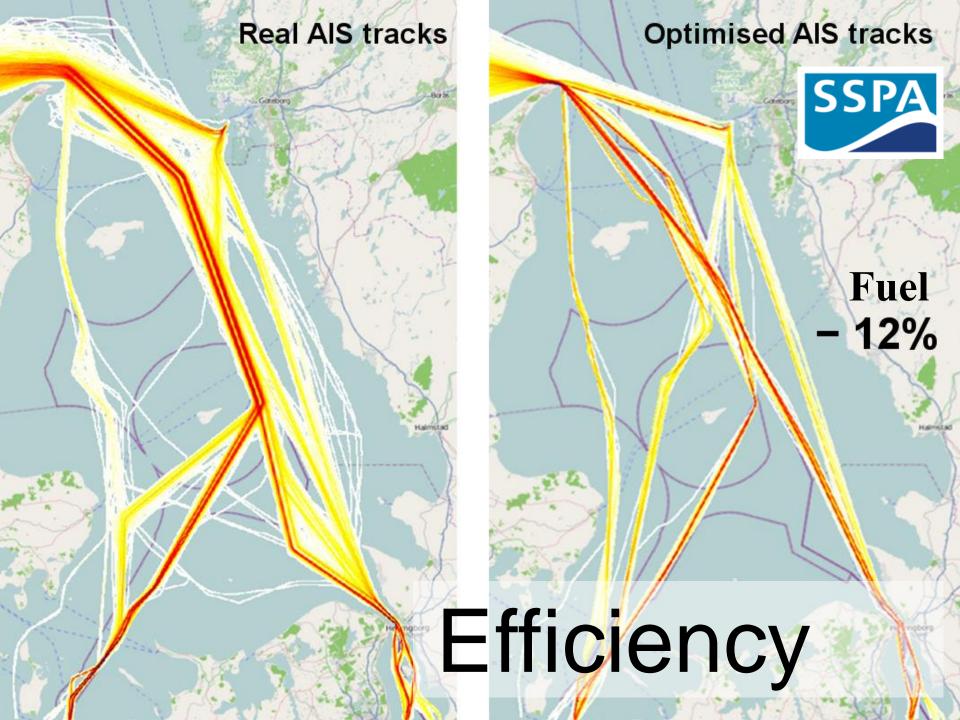




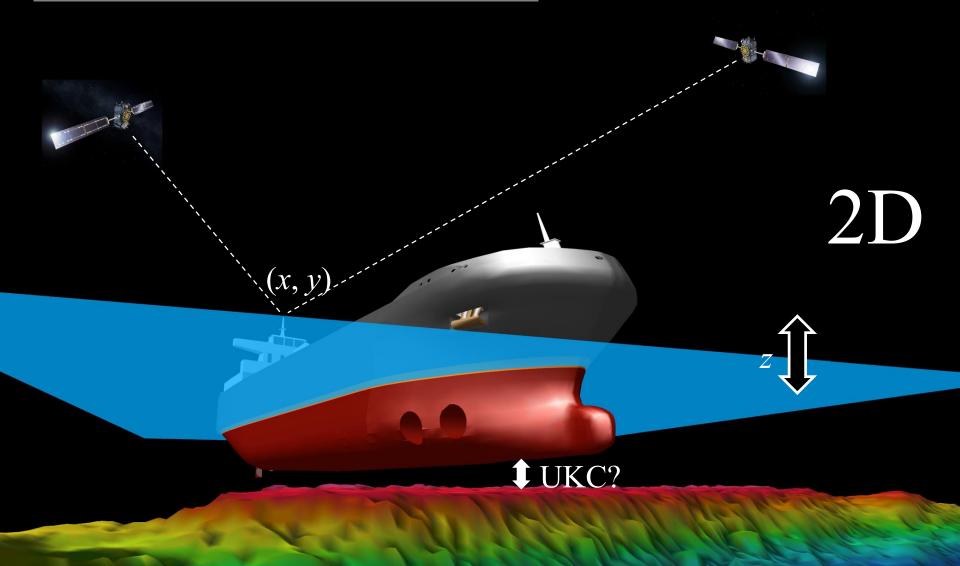




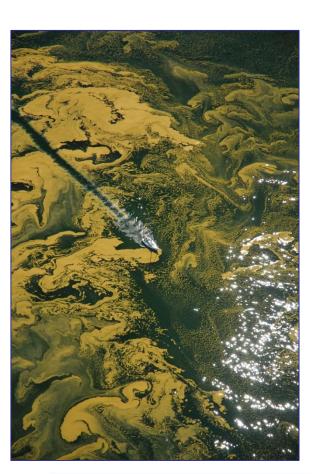




Accuracy

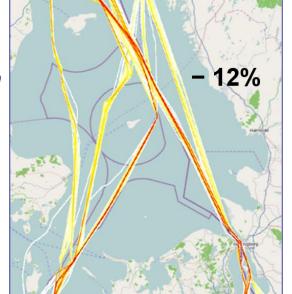


Bathymetric Acquisition – not just for shipping



Reliable bathymetry provides basic knowledge for Blue Growth:

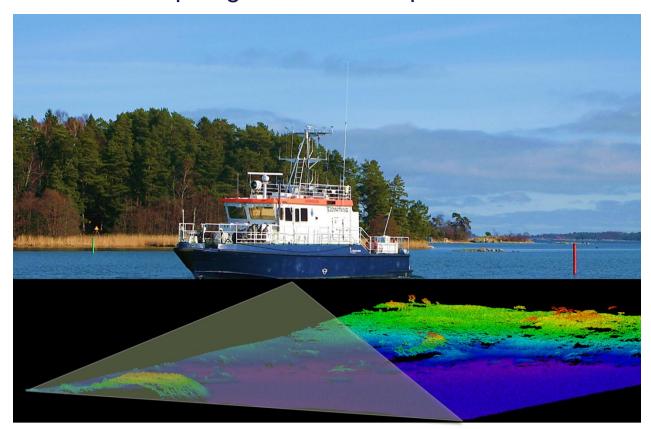
- Environmental mapping
- Environmental protection
- Marine spatial planning
- Climate change actions; protection, flooding prediction
- Efficient shipping
- Tourism
- Cultural heritage
- Energy at sea;
 wind and wave
- Fishing
- Marine farms
- Exploitation
- Services developed by SMEs job creation





ADAPT

Assuring Depth of fairways for Archipelago Public Transportation









Partners:

Maritime partnership

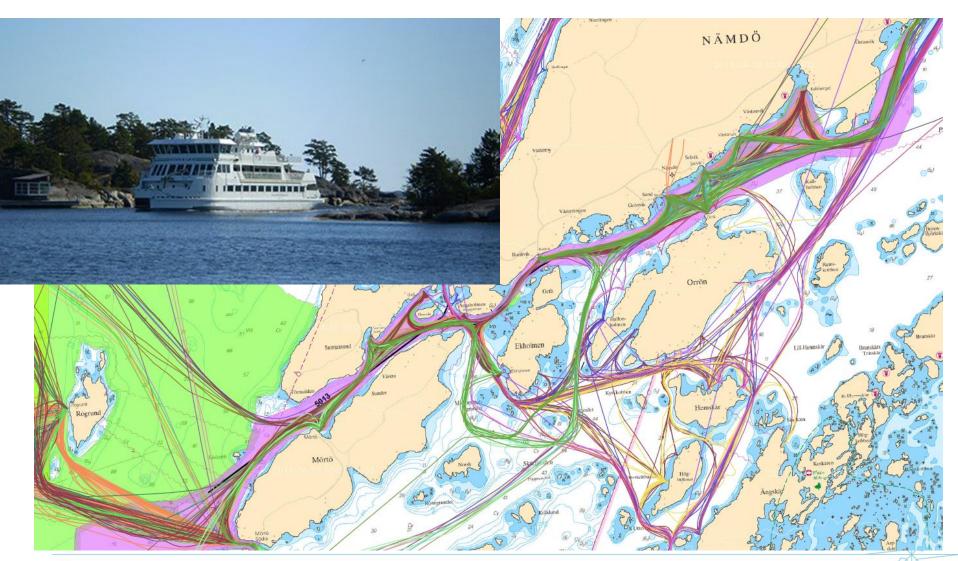
- SMA (lead partner)
- Stockholm County Council
- Government of Åland

The objective is to improve the safety of navigation for the regular public transportation sector in the archipelagos of Stockholm and Åland by surveys and improved charts. Another objective is improvement in regards to route planning and find possibilities for reduced fuel consumption.





Public transportation routes - example





Survey, data processing and chart production

Cost: 1,2 M Euro

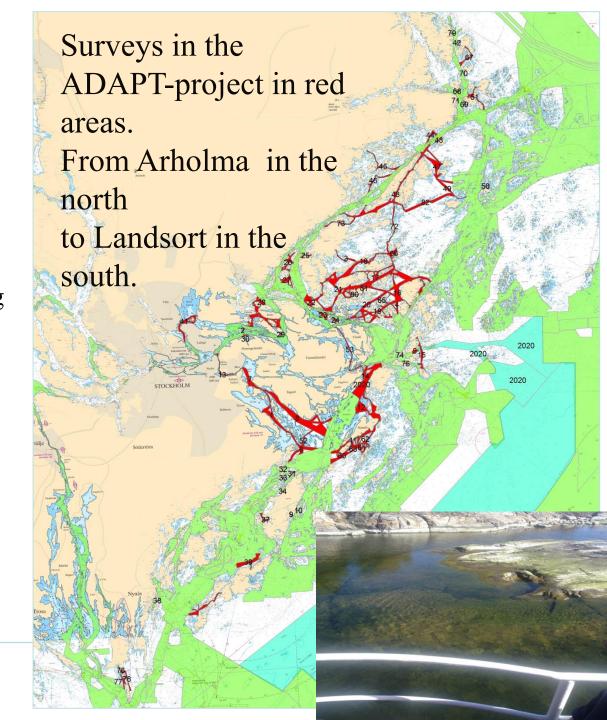
75 % co-finance from Interreg 25 % financed by Stockholm

County Council Area: 176 km²

Surveying: 2016 – 2017

Chart update: 2018





Obstacles in existing Funding Programmes

- Hydrographic Surveying (improved seabed surveys) 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?

