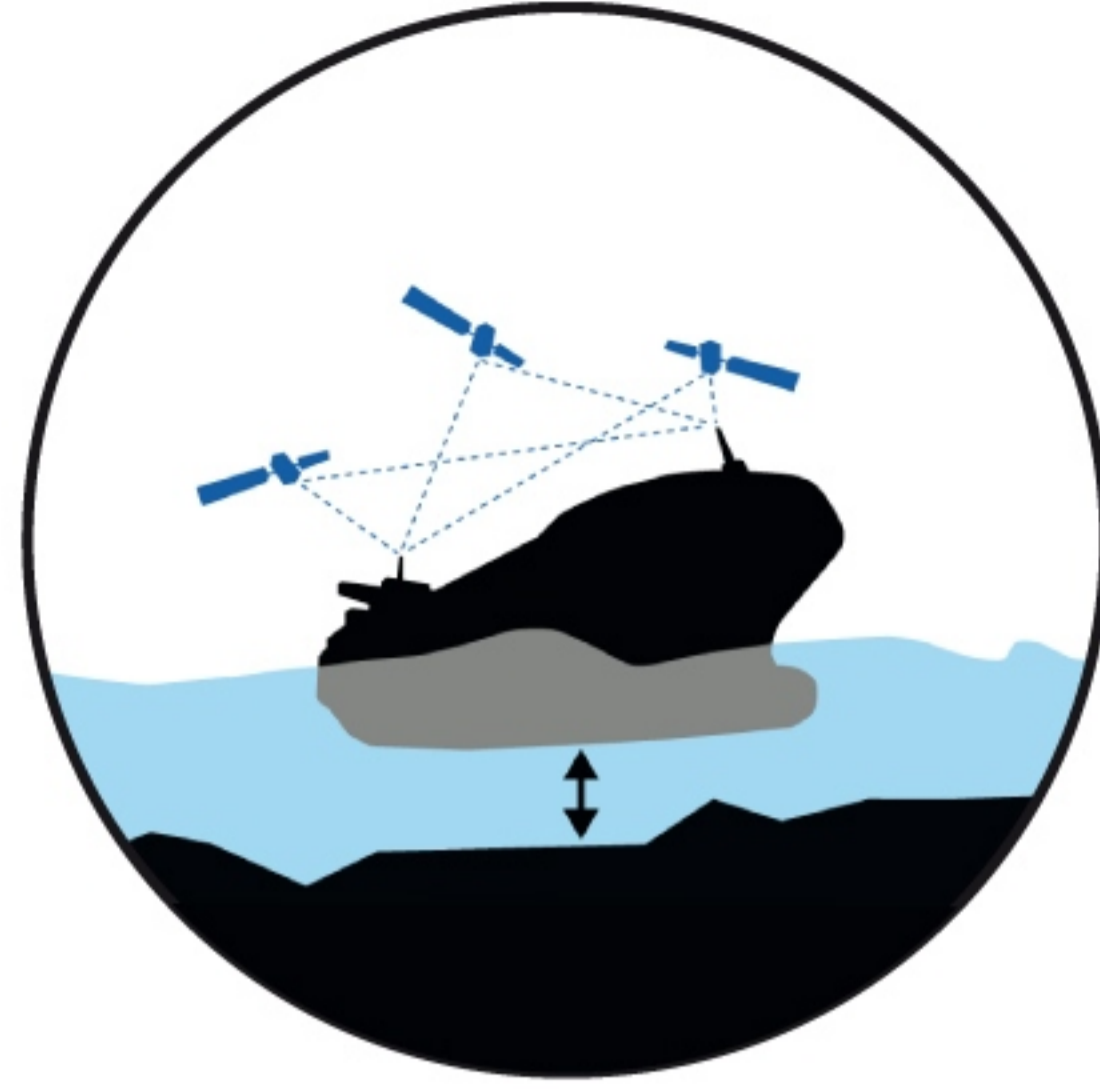




BENEFITS

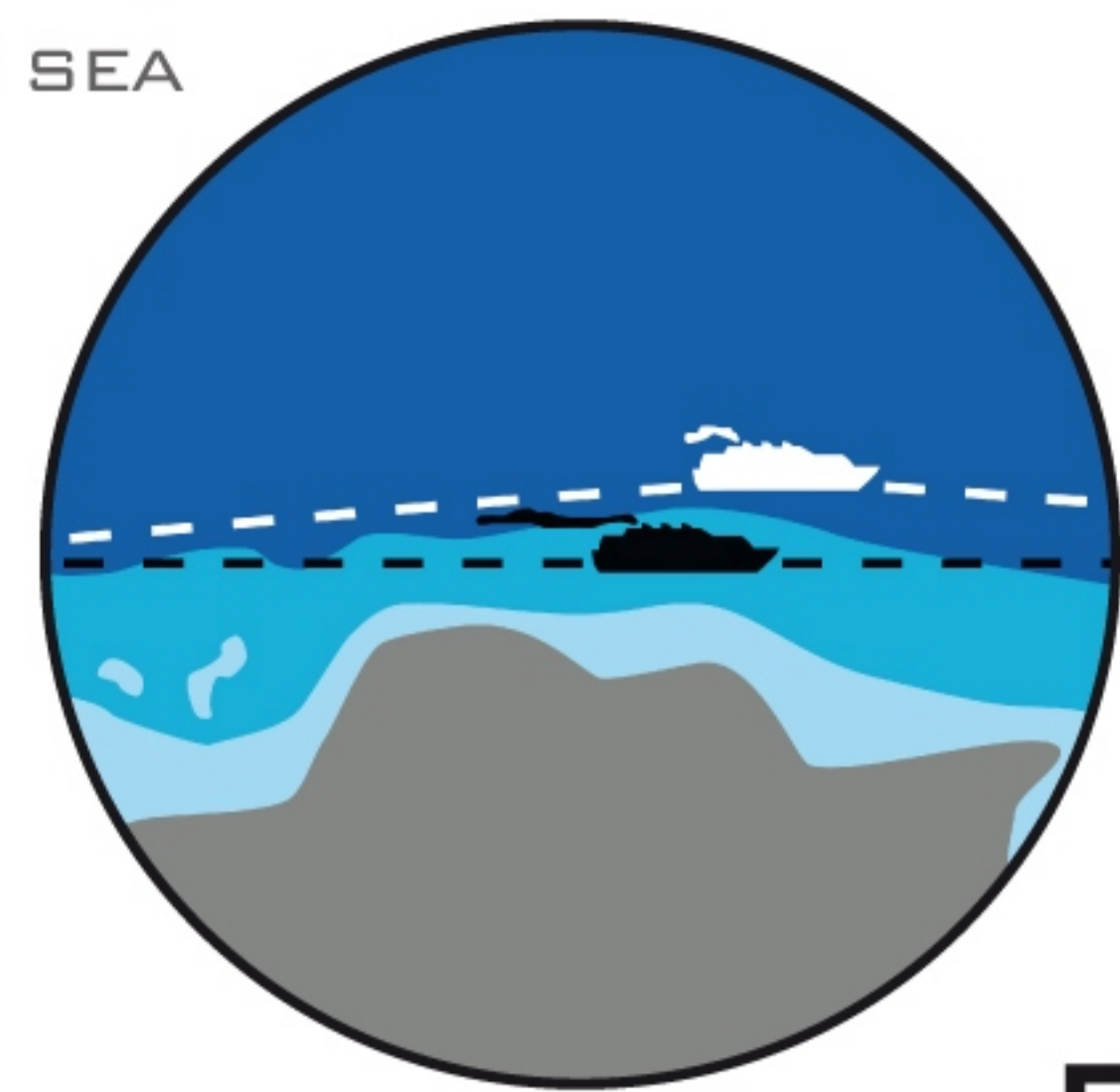
Safety

The Baltic Sea is a shallow and sensitive sea. It connects Europe's North and East. More than 2000 vessels of 50 meters or more navigate here everyday. By providing accurate depth data, FAMOS contributes to a safer Baltic Sea.



Accuracy

There is an enormous potential in navigation of vessels with better Under Keel Clearance (UKC) awareness in the shallow Baltic Sea. FAMOS provides improved data for accurate calculations of position and depth.

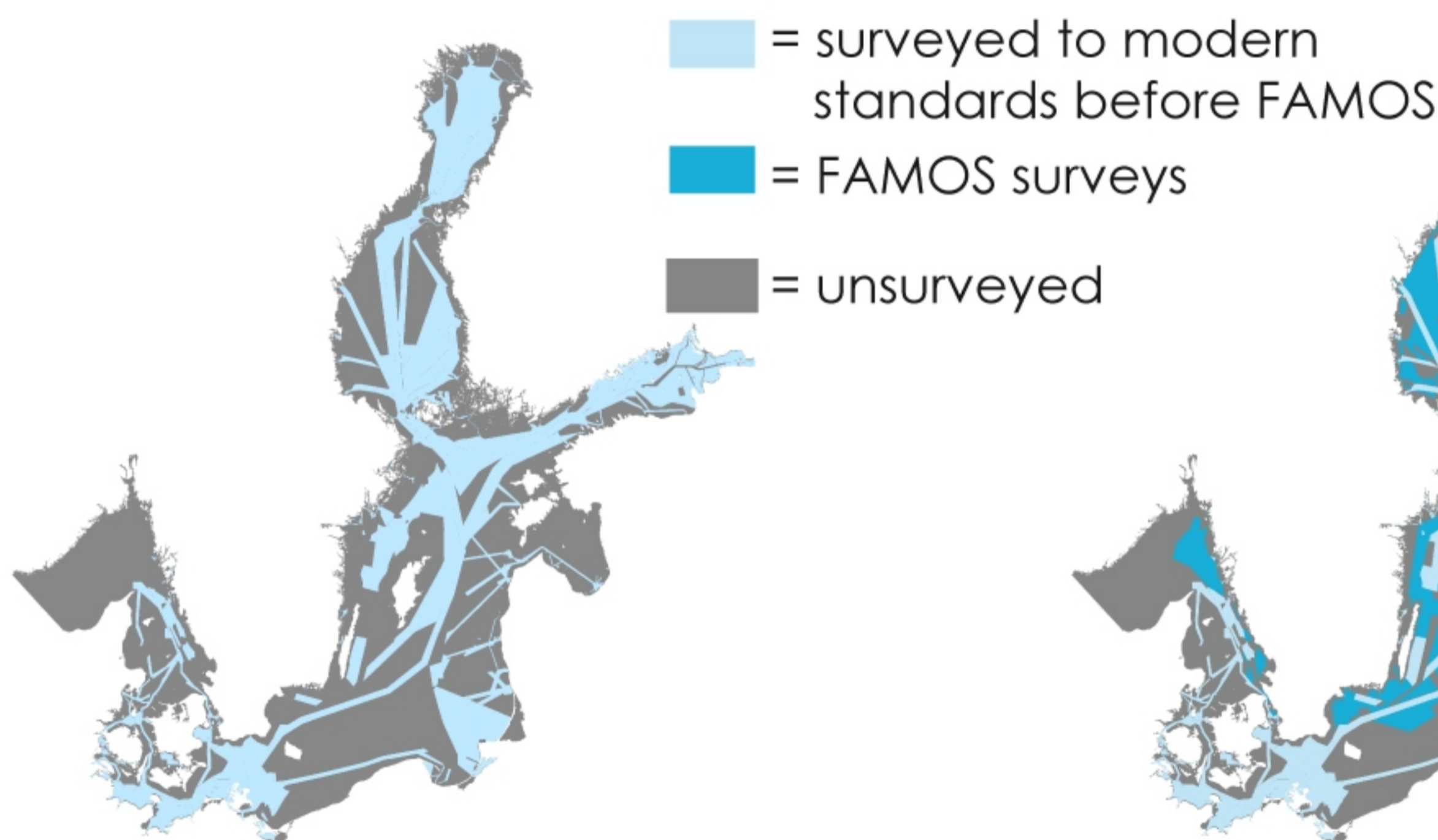


Efficiency

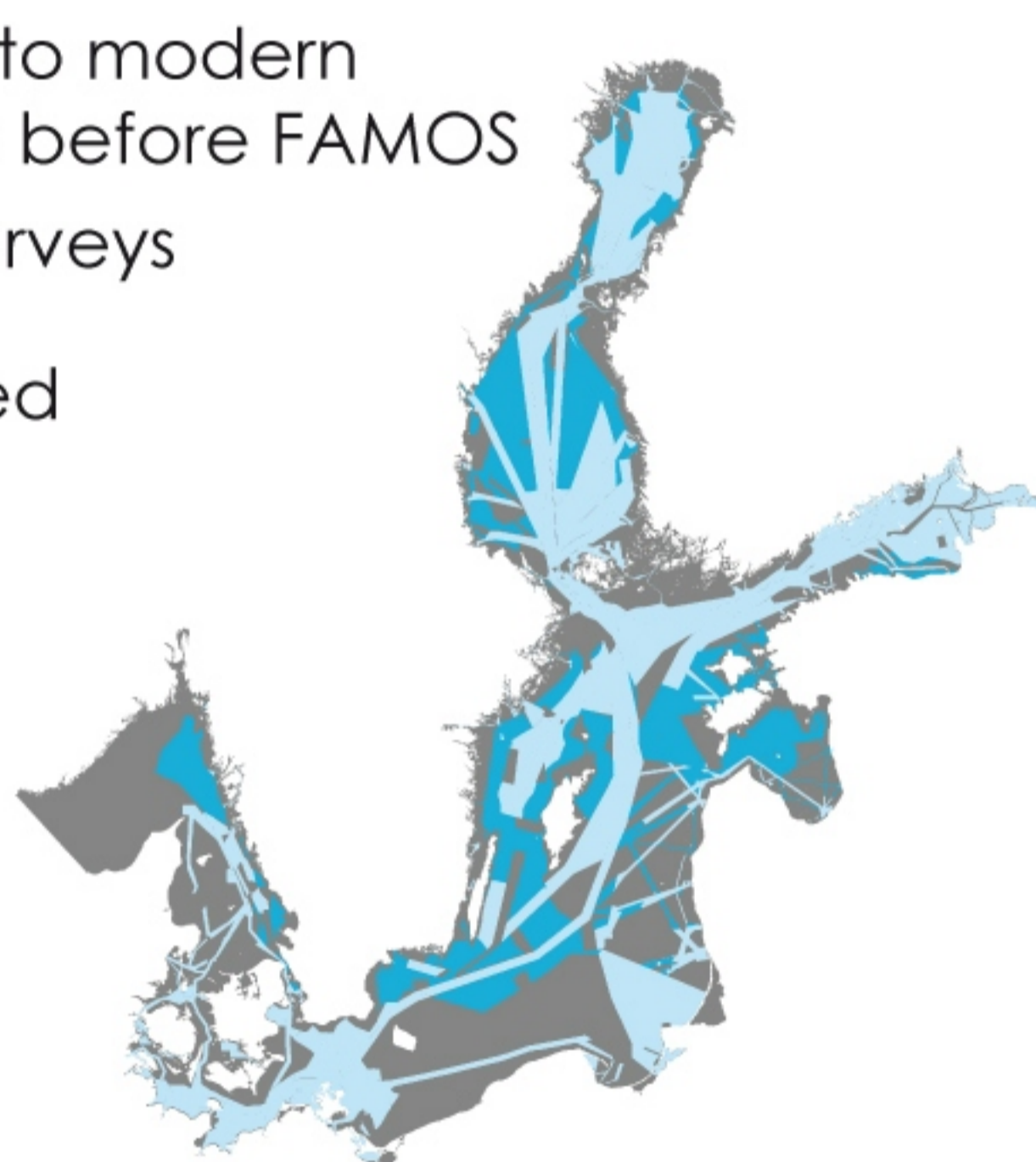
With the Baltic Sea being both a sensitive environment and a hub for transportation of goods in northern Europe, the importance of efficient transports is crucial.

Reliable hydrographic data enables for vessels to re-evaluate default routing options and also take depth and related squat/banking effects into account when planning a route.

Before FAMOS



After FAMOS



Area of the Baltic Sea (km²):

Cat 1 & 2 areas defined by BSHC HELCOM Re-Survey Scheme to meet modern survey standards

Cat 1 & 2 areas that do not meet modern survey standards (2014) (km²):

Area to be surveyed within the FAMOS project (km²):

433000

250000

101000

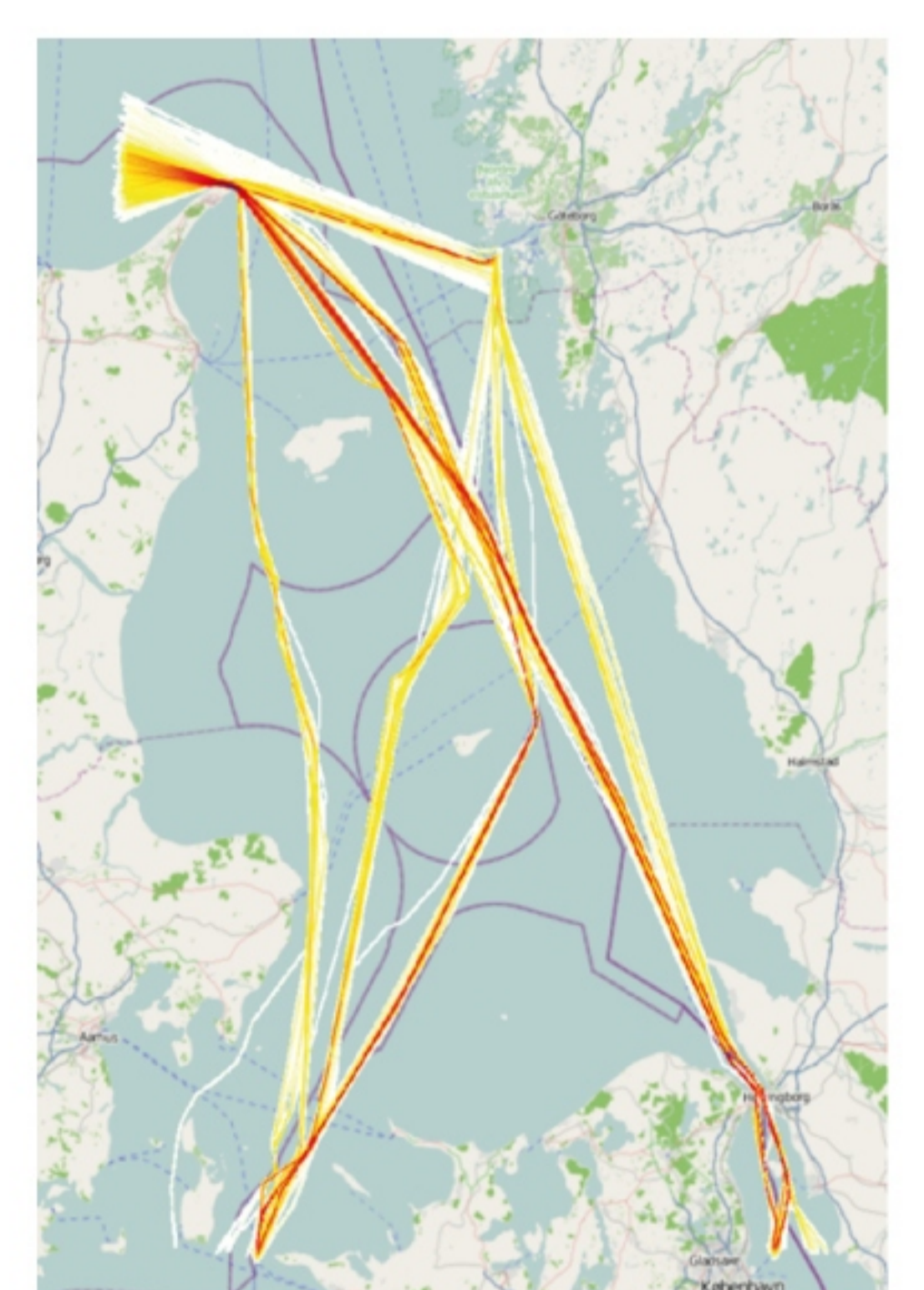
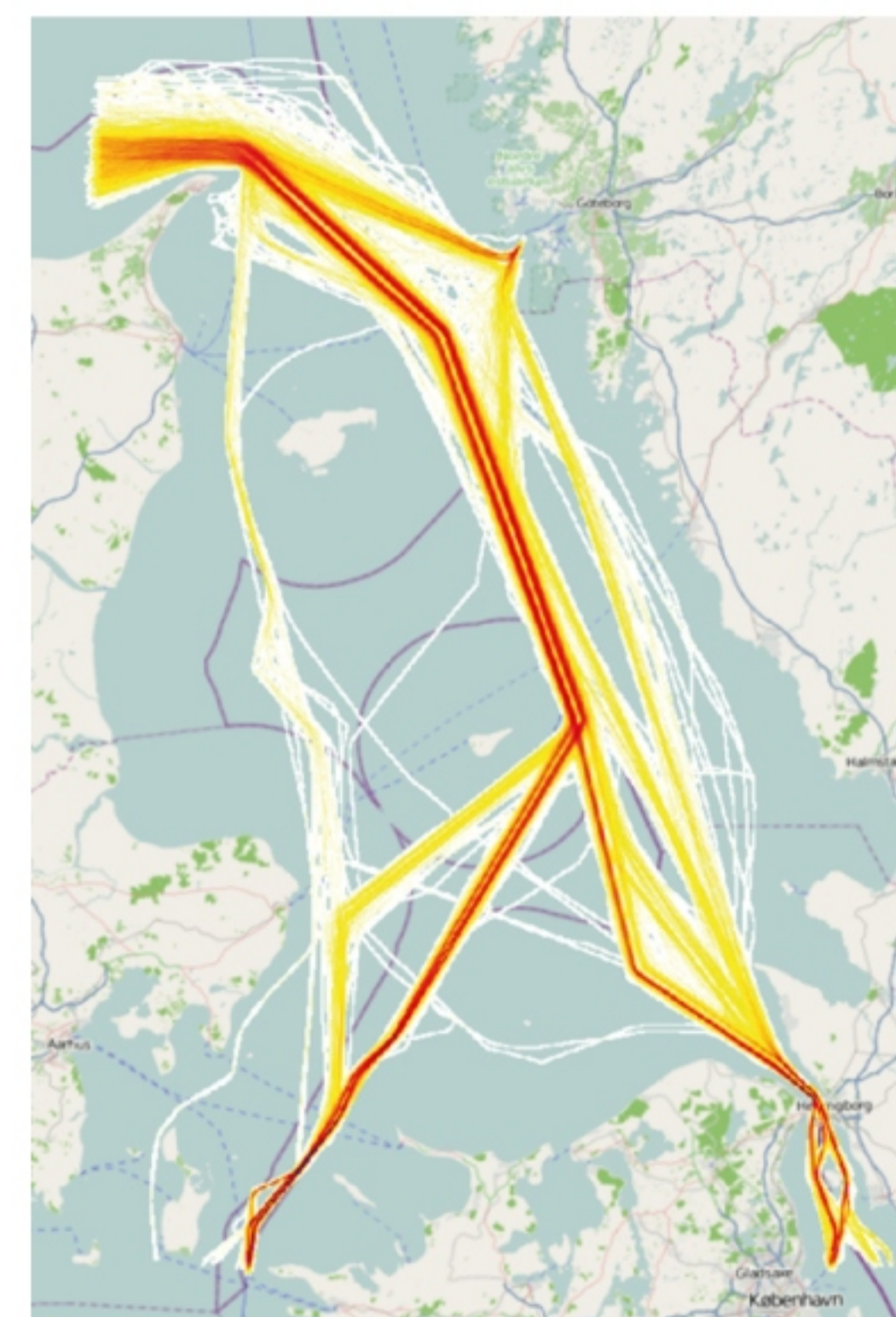
96600

Simulation of saving potential

Waves, wind, current, draught, ship model and not least: depth, are all factors that matters when it comes to fuel consumption.

The left picture shows actual tracks of 1700 vessels in Kattegatt under a month. The right picture shows optimised tracks.

Calculated total fuel saving when using the optimised tracks: 12%.



Co-financed by the European Union
Connecting Europe Facility