



Overview of AEGIS project

Odd Erik Mørkrid
SINTEF Ocean, 2022.08.17

18.08.2022



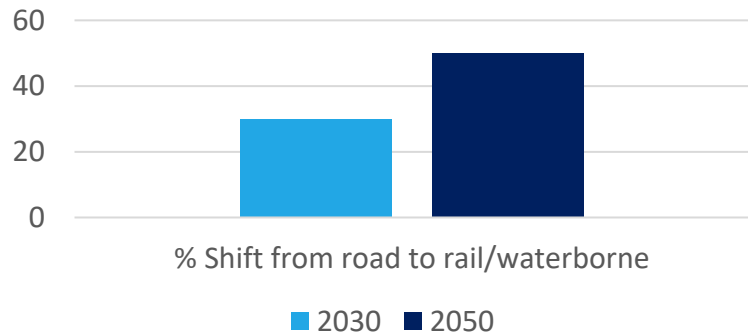
The project has received funding from the European Union's Horizon 2020 Research and innovation program under Grant Agreement N°859992.

Image: MacGregor/Cargotec

EU ambitions



Road freight over 300km shift [%]



The logistical challenge



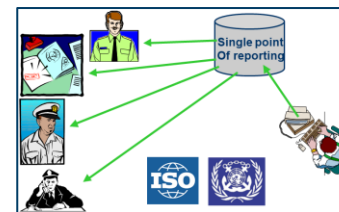
How?



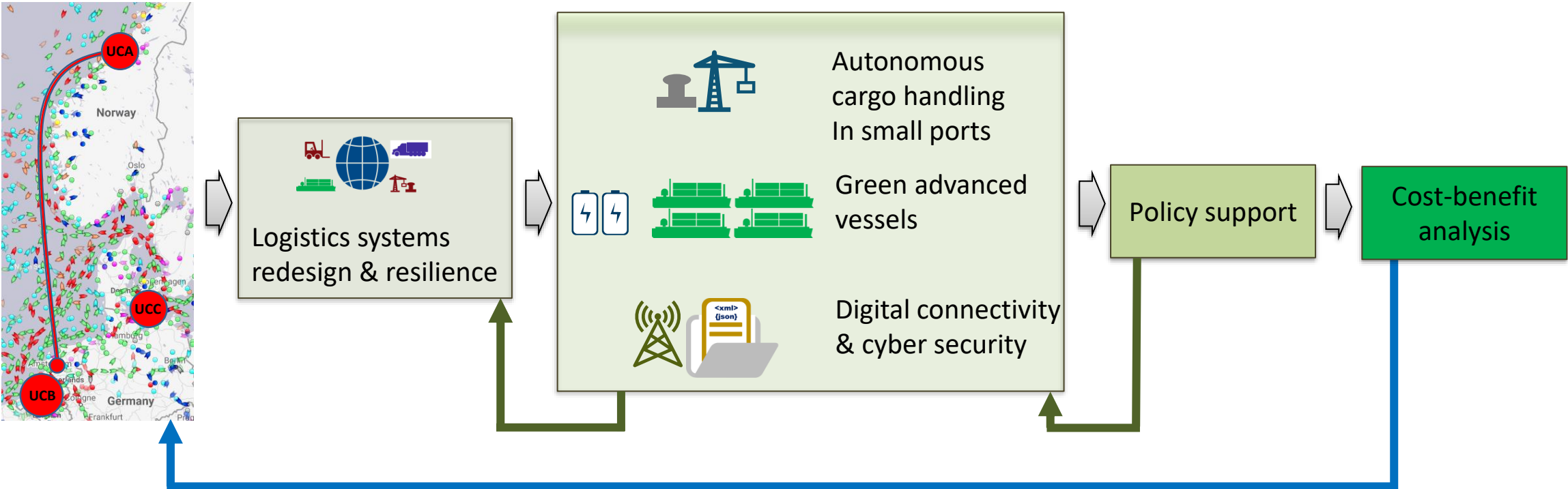
Advanced, Efficient and Green Intermodal Systems

Next generation sustainable waterborne logistics system

- redesign the logistics system
- more **diverse** sizes of ships
- **mother-daughter** solutions
- more **flexible** ship systems
- **more automation in** cargo handling
- **standardized** cargo units
- **digital** connectivity

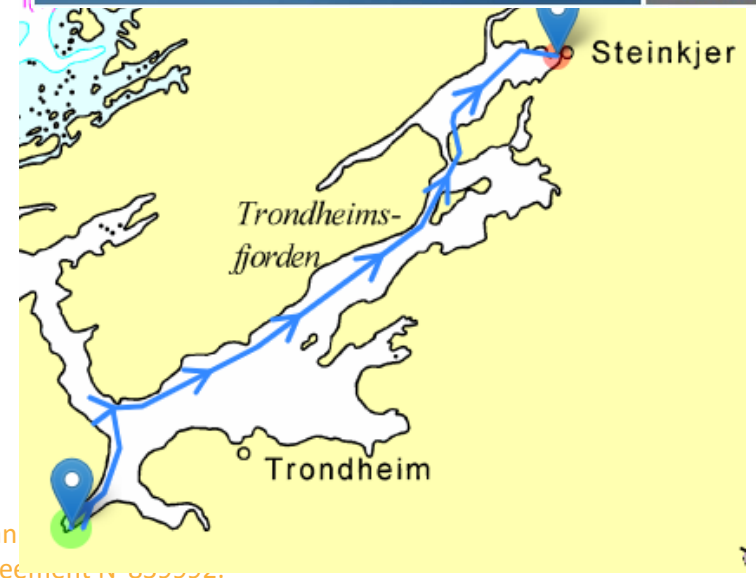
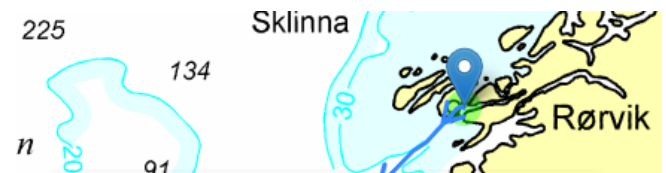
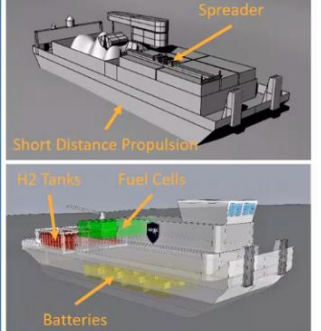
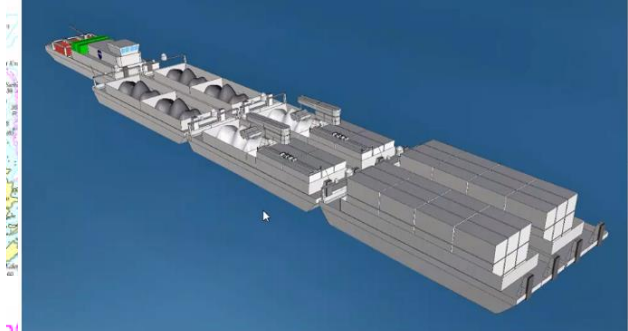
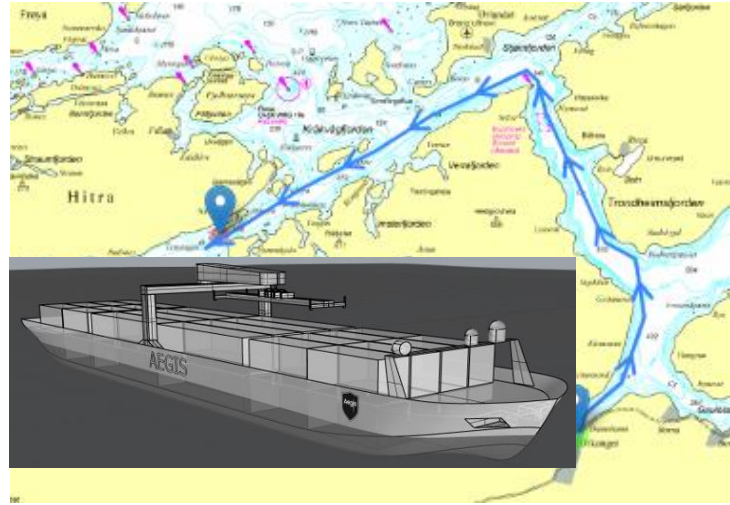


The AEGIS project



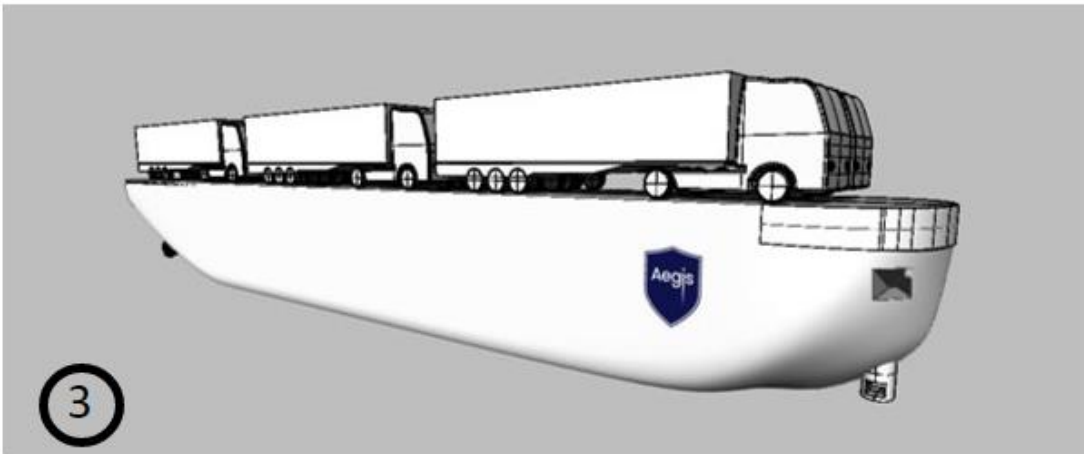
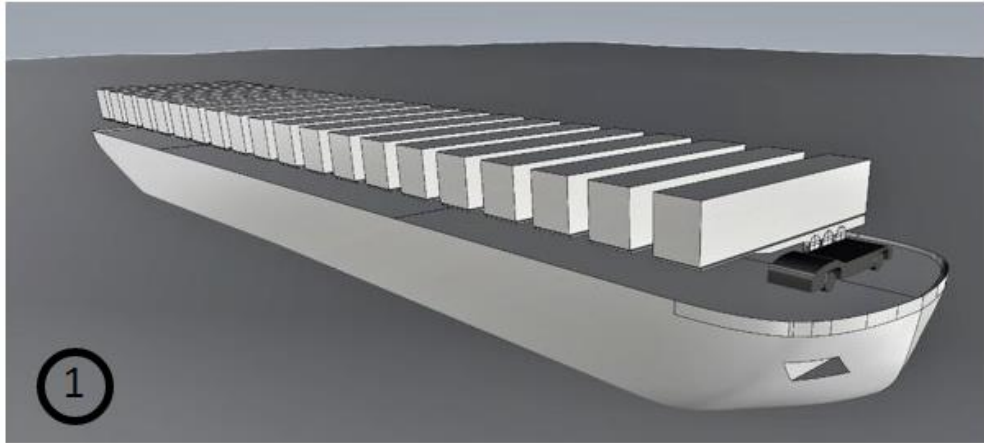


Use-case A: Short sea terminals in Norway





Use-case B: RORO Short sea and inland shipping in Belgium and Netherlands





Use-case: Revitalizing regional ports and city center terminals; Aalborg and Vordingborg



Port of Aalborg

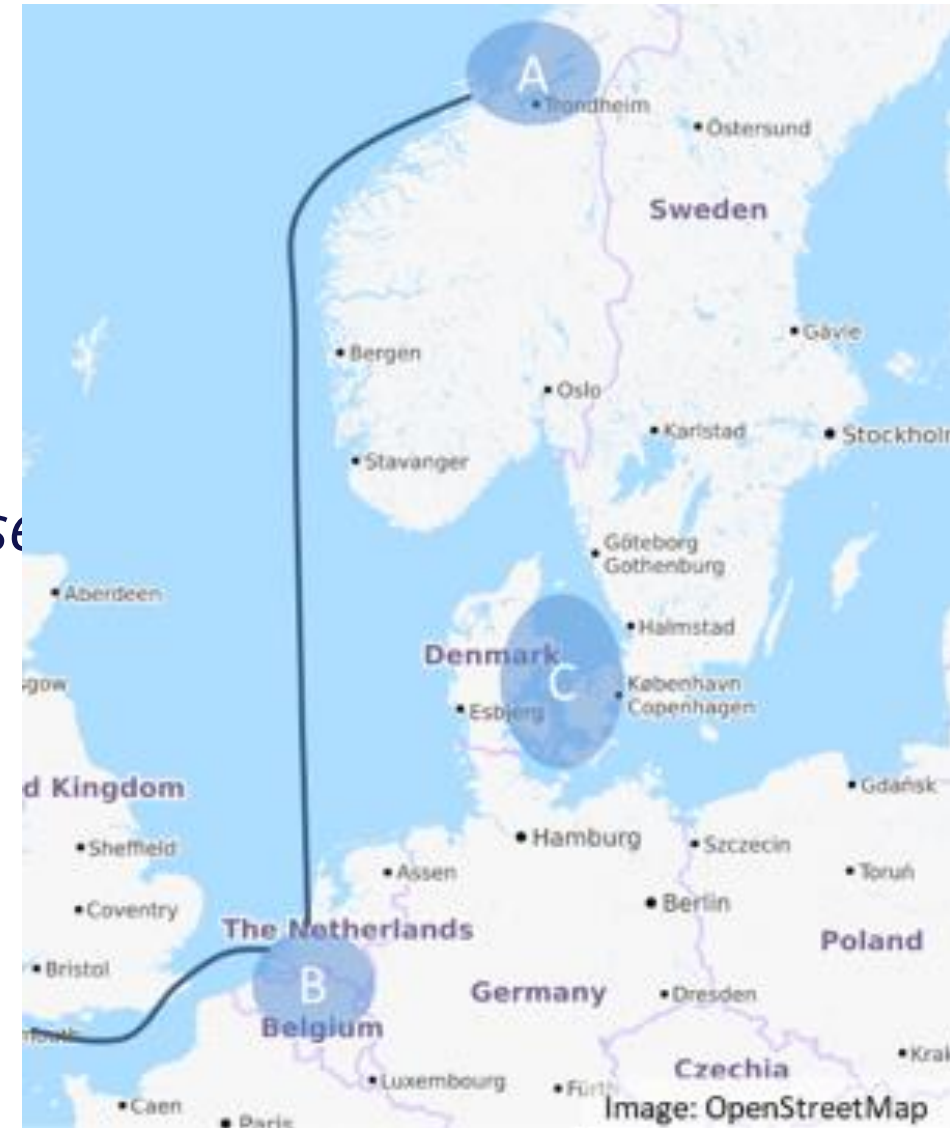


Port of Vordingborg



Project data

- EU Horizon 2020 call:
MG-2-6-2019: Moving freight by Water: Sustainable Infrastructure and Innovative Vessels
- Budget: EUR 7.5 Million
- Start: June 1st 2020
- End: May 31st 2023 (36 months)
- <http://aegis.autonomous-ship.org/>





Partners





SHORE CONTROL CENTER



SAFETY ZONE

Thank you for your attention

