

# Aboa Mare

## for Arctic Safety



**NOVIA**  
UNIVERSITY OF APPLIED SCIENCES

*Aboa Mare is specialized in simulator training and R&D projects to enhance safety and sustainability of Arctic shipping as well as shipping in other ice-covered waters. Aboa Mare provides e.g. ice navigation courses in accordance with the Polar Code.*



The **Aker Arctic Simulator Training Program** is developing a next-generation simulator for demanding winter and ice conditions.



Co-financed by the **Connecting Europe Facility of the European Union**



**WINMOS 2.0** is developing the maritime winter navigation system and safeguarding icebreaking resources in EU's northernmost waters.



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**Sea Traffic Management (STM)** is a concept that enables novel ways for maritime information sharing among ships, service providers, shore center, shipping companies and ports. The new digital tools makes even ice breaking and ice management more efficient.

Aboa Mare is a partner in the European Coast Guard Training Centre network.

Arctic Coast Guard Forum (ACGF) experts gathered at Aboa Mare in March 2018 to train practical level cooperation in an international joint simulator exercise. Arctic countries, Canada, Denmark, Finland, Island, Norway, Russia, Sweden and the United States are members of the ACGF.

#### Near future in R&D:

- ✓ Virtual Reality (VR) and Augmented Reality (AR) training development
- ✓ Expanding simulator training from Europe to Global network
- ✓ Research development in tacit knowledge of professional ice navigators
- ✓ Developing competences and testbeds for remote controlled autonomous ships

Explore more >> [www.aboamare.fi](http://www.aboamare.fi)

