

Alg@line FerryBox Continuous monitoring using ferries and ships



Alg@line has monitored the state of the Baltic Sea and detects algal blooms since 1993. Several millions of data points are collected annually using autonomous systems onboard commercial ferries.

- Ferries are equipped with <u>FINAS</u>-accredited flowthrough systems with spatial measurement resolution of ca. 200 m
- The near-real-time data is available through the Copernicus service and visualized at the <u>Itämeri.fi</u>
- FerryBoxes measure temperature, salinity, turbidity, fluorescence of chlorophyll-a, phycocyanin, phycoerythrin, humic matter, pH, oxygen and pCO2.
- The system also provides discrete water samples for nutrient analyses, microscopy and imaging, optical analyses, experimental work, etc.
- Links <u>FINMARI</u> web page, and <u>MarineFinland.fi</u>
- Contact: Jukka Seppälä, Petri Maunula (firstname.surname@syke.fi)

