

FINMARI Research Infrastructure to support marine RDI

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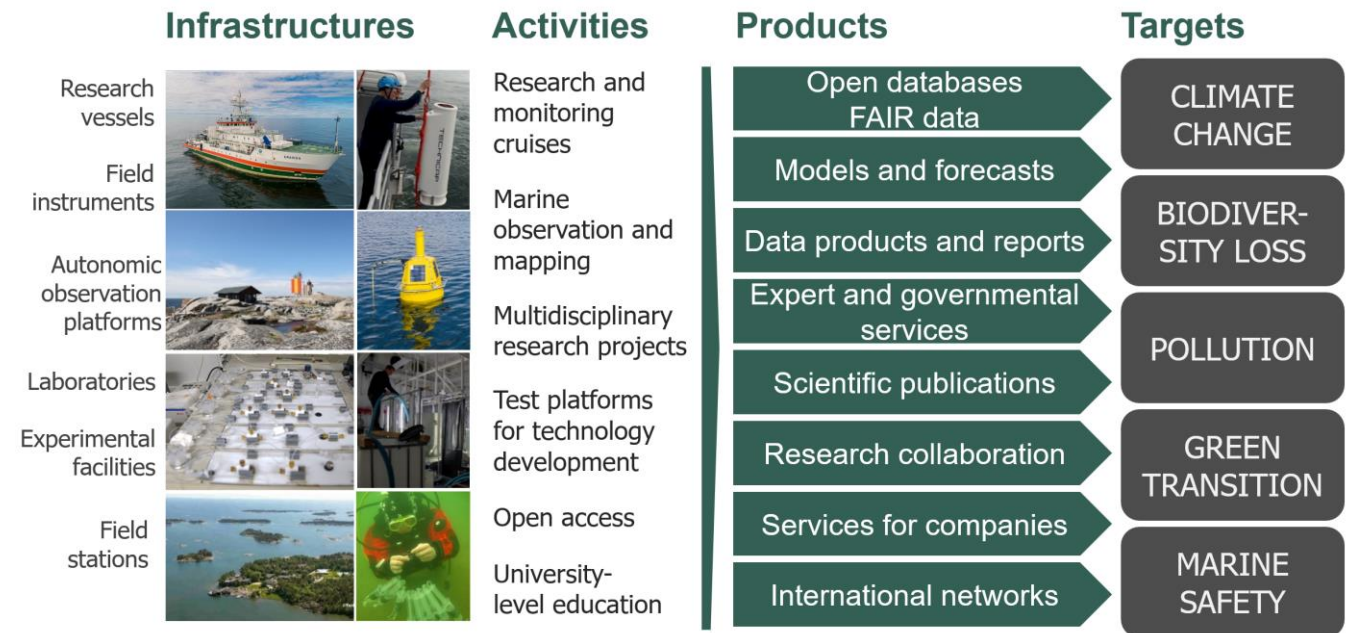
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FINMARI - the Finnish Marine Research Infrastructure



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FINMARI is a multi-platform research infrastructure, which supports research, development and innovation related to the global challenges of coastal seas, especially the Baltic Sea.



FINMARI represents widely the marine research sector in Finland



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It is a consortium of four research institutes

- Finnish Environment Institute Syke
- Finnish Meteorological Institute FMI
- Geological Survey of Finland GTK
- Natural resources institute Luke

and three universities

- University of Helsinki - Tvärminne Zoological Station
- University of Turku - Archipelago Research Institute
- Åbo Akademi- Husö Biological Station

under the administration of five ministries

FINMARI has been on the FIRI roadmap since 2014

Funding from the Research Council of Finland accounts for ~15 % of the total budget of FINMARI



The RRF funding 1,7 M€ in 2022-2023 was used for building the RI for



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1. Biodiversity in pelagic communities and benthic habitats in shallow coastal waters
2. Land-littoral-offshore interactions and sea-atmosphere-benthic interactions
3. Safeguarding ecosystem services, blue growth and green transition in a changing climate
4. Open Access to data and services

Automatic imaging and artificial intelligence (AI)

Genomics and molecular methods

Habitat mapping and biodiversity in shallow coastal ecosystems

Automated near real-time sampling and observation capabilities

Experimental and mesocosm facilities



FINMARI services



We offer a wide range of services for users in

- Science
- Management
- Marine protection
- Marine spatial planning
- NGO's
- Business
- Industry
- the public



These include

- Physical access to the infrastructures
- Remote or virtual access to the infrastructures
- Access to the Baltic Sea ecosystems,
- Access to biological or physical materials
- Data and data-driven products
- Information and expertise
- Test beds
- Calibration services

<https://www.finmari-infrastructure.fi/service-catalogue/>

Thank you!

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- Aarno Kotilainen, Geological Survey of Finland
- Laura Uusitalo, Natural Resources Institute Finland
- Laura Tuomi, Finnish Meteorological Institute
- Martin Snickars, Husö Biological Station, Åbo Akademi University
- Jari Hänninen, Archipelago Research Institute, University of Turku
- Katri Kuuppo, Finnish Environment Institute, Consortium Manager



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