FRAUNHOFER INNOVATION PLATFORM FOR SMART SHIPPING
at Novia University of Applied Science

FIP-S2@NOVIA

INNOVATIVE TECHNOLOGY
MEETS GOOD SEAMANSHIP

www.fip-s2.fi

NOVIA
UNIVERSITY OF APPLIED SCIENCES

in cooperation with
Fraunhofer

FIP-S2@Novia is unique combination of smart maritime technology expertise, operational maritime knowledge, and simulation know-how, we can solve a wide range of problems for maritime companies efficiently and cost-effectively – from researching and prototyping to modifying a finished product for the market.

FIP-S2@Novia is a joint initiative between Novia University of Applied Sciences and Fraunhofer Center for Maritime Logistics and Services CML. Platform is based on Novia's maritime campus Aboa Mare. We are experts in smart shipping. FIP-S2@Novia covers a wide range of applied research services from feasibility studies and specific software and technology developments to testing of third-party systems.

We offer you services in three areas:

1

Cost-effective and high quality R&D

We have state-of-the-art facilities for developing and testing innovative maritime technology solutions in realistic conditions. We are experts in productisation of technology for the maritime industry needs. We can also help companies wishing to enter the maritime business.

2

Excellence in maritime simulations

We offer test beds for operational and technical simulations as well as ship to shore interactions. We are also part of the European and Asian-Pacific Maritime Simulator Network (EMSN and APMSN). That enables us to provide possibilities for large-scale testing of ship traffic in a multicultural environment.

3

Digital twins

We believe that maritime simulators are useful environments for creating, testing, and developing digital twins for the maritime domain's need. We offer digital twin validation against real-time data. We are also building up a broad testing architecture of maritime digital twins and interfaces.

Let's talk:

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