

# WELCOME!

## *Charting the Course for Sustainability - Baltic Sea region as a front-runner in clean shipping and shipbuilding*

EXOPRODIGI project

21 September 2021

Elisa Aro, University of Turku

# Instructions for participants



Q & A for questions to the speakers and panellists



Chat

Chat for free discussion 😊



The webinar is recorded

# Agenda: Morning

Time: CEST	Topic and speaker/s
	<b>Moderator</b> - <i>Dr. Michele Acciaro, Associate Professor of Maritime Logistics &amp; Director, Hapag-Lloyd Center for Shipping and Global Logistics at the Kühne Logistics University</i>
09.00 - 09.10	<b>Welcoming words</b> - <i>Elisa Aro, EXOPRODIGI Research Manager, Pan-European Institute at the University of Turku</i>
09.10 - 09.35	<b>Opening keynote: How European cooperation regarding Research, Development and Implementation is paving the way to zero-emission waterborne transport?</b> - <i>Jaap Gebraad, Executive Director, Waterborne Technology Platform</i>
09.35 - 10.15	<b>AI- and IoT-driven solutions for improving the eco-efficiency of shipping operations</b> - <i>Niels Gorm Malý Rytter, Associate Professor, University of Southern Denmark</i> - <i>Sverre Patursson Vange, Head of Digital Solutions and Analytics, J. Lauritzen A/S</i>
10.15 - 10.55	<b>Optimising cargo stowage processes at ports</b> - <i>Mads Bentzen Billesø, Innovation Lead, DFDS</i> - <i>Oscar Grossman, Project Manager, Kockum Sonics</i>
10.55 - 11.30	<b>Break for lunch</b>

# Agenda: After lunch break

Time: CEST	Topic and speaker/s
11.30 - 12.10	<b>Streamlining production planning and processes at shipyards</b> <ul style="list-style-type: none"><li>- <i>Justas Kavaliauskas, Lead Design Engineer at Western Baltic Engineering &amp; Jonatan Berglund, Co-Founder, Visinator AB</i></li><li>- <i>Maarit Lappalainen, Vice President, C4 Consulting Solutions at Carinafour</i></li></ul>
12.10 - 13.10	<b>Panel discussion: Charting the course for sustainable shipping and shipbuilding - What kind of measures are needed?</b> <ul style="list-style-type: none"><li>- <i>Andrius Sutnikas, Development Manager, Klaipeda Science and Technology Park</i></li><li>- <i>Elisa Mikkolainen, Project Director, Maritime Affairs, BSAG Baltic Sea Action Group</i></li><li>- <i>Johanna Yliskylä-Peuralahti, Project Manager, University of Turku, Centre for Maritime Studies</i></li><li>- <i>Valdemar Ehlers, Technical Director, Danish Maritime</i></li></ul>
13.10 - 13.15	<b>Break for refreshments</b>
13.15 - 13.40	<b>Closing keynote: Regional cooperation within HELCOM towards enabling green technology for sustainable shipping</b> <ul style="list-style-type: none"><li>- <i>Markus Helavuori, Professional Secretary, HELCOM Secretariat</i></li></ul>
13.40 - 13.50	<b>Final remarks and end of the seminar</b>

# About EXOPRODIGI



EUROPEAN  
REGIONAL  
DEVELOPMENT  
FUND



**EXOPRODIGI**

- ▶ Duration: January-September 2021
- ▶ Budget: ~ 879 000 €
- ▶ 13 partners from four countries around the BSR: Finland, Sweden, Denmark, Lithuania

# The underlying reasons for initiating the project

- ▶ Targets of International Maritime Organization (IMO) and European Green Deal / Regulations
- ▶ Competition and need for cost-cutting
- ▶ Customers demanding sustainable services





# Aim of the project



- ▶ *EXOPRODIGI - expands efforts of bringing eco-efficiency to maritime industry processes in the Baltic Sea Region (BSR) via digital tools*
- ▶ The digital tools and solutions will support decision making, create transparency, and more importantly, decrease waste, emissions and energy consumption
- ▶ Building on the findings that were achieved in a former project ECOPRODIGI (2017-2020)

# EXOPRODIGI focuses on three maritime segments

- 1: Digital performance monitoring at vessels
- 2: Cargo stowage optimisation at ports
- 3: Optimising shipyard processes





# Thank you, enjoy the webinar!

EXOPRODIGI lead partner:

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