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# Maritime Spatial Planning and Offshore Wind Energy

Capacity4MSP Workshop

Moderator: Ivana Lukic , SUBMARINER Network for Blue Growth EEIG



Swedish Agency  
for Marine and  
Water Management



# Capacity4MSP project

PROJECT DURATION: 1 August 2019 – 30 September 2021

Capacity4MSP aims to strengthen the capacity of maritime spatial planning (MSP) stakeholders, policy- and decision-makers in the Baltic Sea Region through intensified dialogue activities and amplifying the gained knowledge in maritime spatial planning.



**CAPACITY4MSP**

# Capacity4MSP project



**Lead partner:**



**Project Partners:**



Swedish Agency  
of Marine and  
Water Management



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## Associated Organizations:

-  Finnish Heritage Agency, Baltic Region Heritage Committee
-  Ministry of Economics of the Republic of Latvia
-  Danish Maritime Authority
-  Ministry of Justice, European Affairs, Consumer Protection and Equality  
Horizontal Action Spatial Planning
-  Maritime Office Gdynia
-  Danish Maritime Authority
-  Estonian Ministry of Finance
-  Ministry of Maritime Economy and Inland Navigation
-  Ministry of Energy, Infrastructure and Digitalization
-  Leontief Centre
-  University of Tartu
-  Federal Public Service of Health, Food Chain Safety and Environment
-  Finnish Ministry of the Environment
-  Federal Maritime and Hydrographic Agency
-  The Ministry of Environment of the Republic of Lithuania



# Capacity4MSP project

CAPACITY4MSP IS BUILT ON PROJECTS, NATIONAL MSP  
PROCESSES AND OTHER INITIATIVES

Baltic LINes

BALTIC RIM

BALTIC INTEGRID

Baltic Blue Growth

Blue Platform Project

LAND-SEA-ACT

BALTIC SCOPE

Pan Baltic Scope

MUSES

BONUS BASMATI

BONUS BaltSpace

REGIONAL

BALTIC MSP

ROADMAP

....



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# Capacity4MSP good practices report

Collection of good practices that can be taken up by MSP processes



**CAPACITY4MSP**

Energy

Multi-Use

Cumulative impact assessment

Land Sea Interaction

Green infrastructure

...

**TO BE PUBLISHED ON  
THE PROJECT  
WEBSITE:  
[www.capacity4msp.eu](http://www.capacity4msp.eu)**

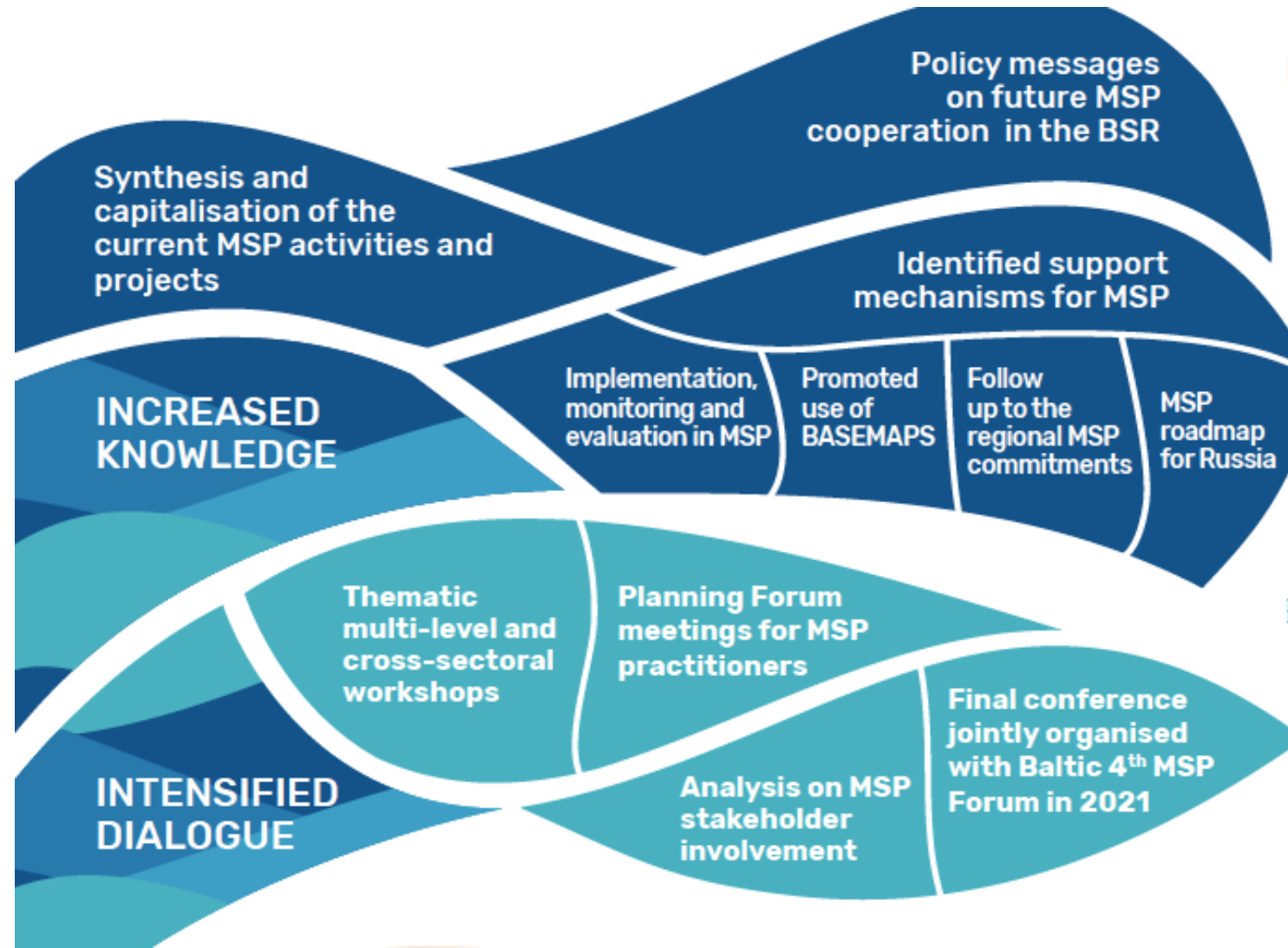
# Capacity4MSP project



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MORE**

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## Workshop co-organisers



**CAPACITY4MSP**

- **SUBMARINER Network for Blue Growth on behalf of the Capacity4MSP project**
- **Wind Europe**
- **Baltic PA Energy**
- **Vattenfall**
- **German Offshore Wind Energy Foundation**
- **Estonian Offshore Wind Energy Foundation**
- **Baltic Energy Market Interconnection Plan (BEMIP) Renewable Energy Working Group**



# SUBMARINER Network for Blue Growth EEIG

The communication & cooperation platform for actors & initiatives in the Baltic Sea Region involved in sustainable and innovative uses of marine resources.





# Offshore wind energy - an untapped potential in the Baltic region ?

**20 GW** of offshore wind installed in European waters

**2 GW** in the Baltic Sea

Germany 1,074 MW

Denmark 872 MW

Sweden 192 MW

Finland 68 MW



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**9 GW by 2030** could be deployed in the Baltic Sea

**85 GW by 2050** (Wind Europe predictions 2019)

The cumulative potential capacity identified in the Baltic Sea by the European Commission (BEMIP Final Report, 2019) **exceeds 93 GW**



# Why offshore wind workshop?

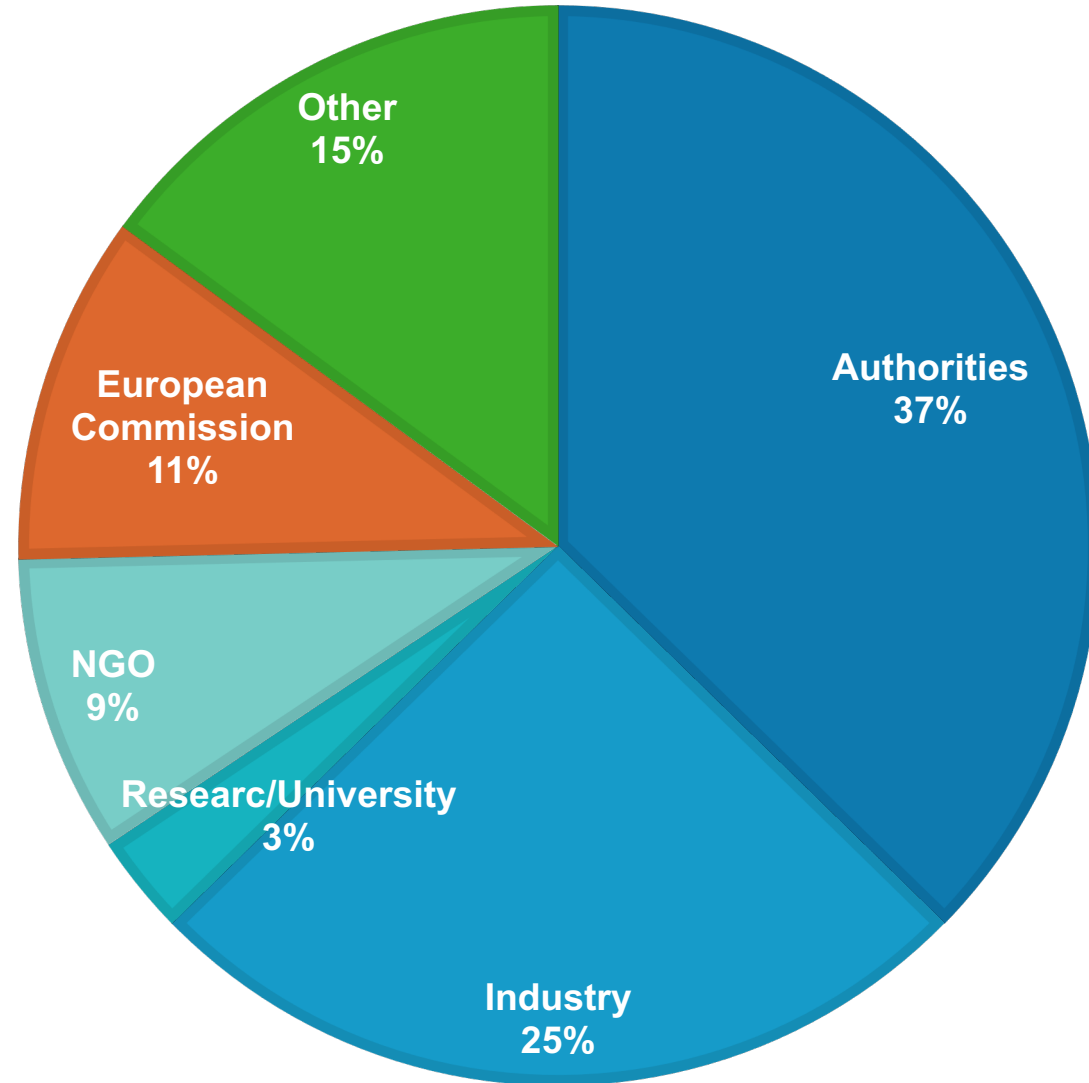
- How can we now ensure that these future targets are met?
- What is the role of MSP?
- Baltic Sea countries are at different stages of planning, and taking different approaches – can one size fit all?
- What are some lessons learnt for countries that are just starting to plan their offshore wind energy?



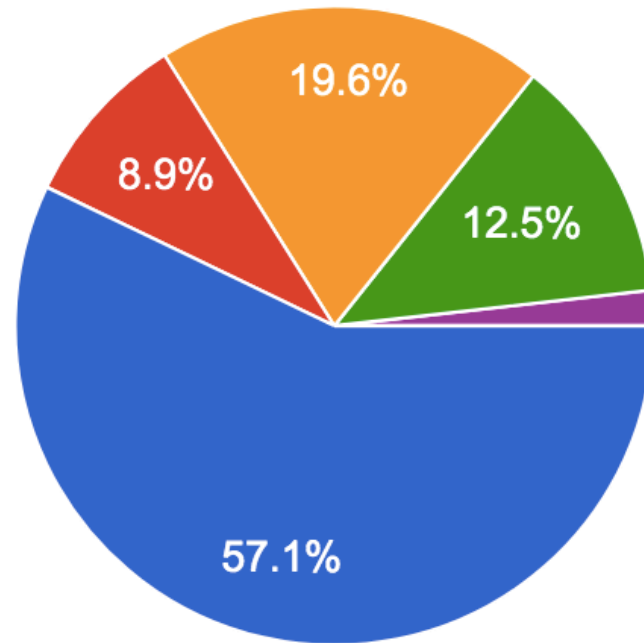
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**Regional cooperation** will be key in supporting national growth in offshore wind through coordinated policymaking, especially in relation to grid development.

# Who is attending today ?



# What topics are you interested in the most?



- Maritime Spatial Planning & offshore wind energy
- Offshore cables
- Ocean co-location/ multi-use with offshore wind
- Environmental impacts (positive & negative) of offshore wind energy
- all topics



# House rules

- **'Raise your hand' function**

You will be unmuted, but have to again press the unmute button

- **Questions and comments** at any time during the discussion sessions

Questions addressed to speakers, panelists or directed to attendees in general

- **Please introduce your self before speaking**



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The webinar is **recorded in writing** and the draft webinar report will be sent to all participants for the review before it gets published.

If for whatever reason your microphone does not work, you can also write your question/comment into the **Questions box** – left side bottom menu



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# JOINT DISCUSSION SESSIONS



Swedish Agency  
for Marine and  
Water Management





## SESSION 1: MARITIME SPATIAL PLANNING ADDRESSING THE NATIONAL DEVELOPMENT TARGETS FOR RENEWABLE ENERGY

Moderator: Colin Brown, Vattenfall

Panelists:

- Triin Lepland, Estonian Ministry of Finance
- Jacek Zaucha/ Magdalena Matczak, Maritime Institute, Gdynia Maritime University
- Kristīne Kedo, Ministry of Environmental Protection and Regional Development of Latvia
- Lea Bigom Wichmand, WindDenmark
- Kai Trümpler, German Federal Maritime and Hydrographic Agency



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## SESSION 2: SPATIAL PLANNING CRITERIA FOR OFFSHORE CABLES – INTERACTIONS WITH OTHER SECTORS, WITH LAND INTERCONNECTORS AND ACROSS BORDERS

Moderator: Mattia Cecchinato, Wind Europe

Panelists:

- Johanna Meier, Renewables Grid Initiative
- Bo Nilsson, Europacable
- Henrich Quick, 50Hertz
- Priit Heinla, Elering
- Andreas Wagner, German Offshore Wind Energy Foundation



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## SESSION 3: CO-LOCATION AND MULTI-USE OF SPACE BETWEEN THE OFFSHORE WIND FARMS AND OTHER USES – THE NEED FOR COLLABORATIVE APPROACH TO POLICYMAKING

Moderator: Ivana Lukic, SUBMARINER Network for Blue Growth EEIG

Panelists:

- Esben Baltzer-Nielsen, Vattenfall
- Mattia Cecchinato, Wind Europe
- Femke de Boer, Scottish White Fish Producers Association
- Joacim Johannesson, Swedish Agency for Marine and Water Management



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## SESSION 4: OFFSHORE WIND ENVIRONMENTAL IMPACTS (POSITIVE AND NEGATIVE)

Moderator: Ivana Lukic, SUBMARINER Network for Blue Growth EEIG

Panelists:

- Elina Virtanen, Finnish Environment Institute (SYKE)
- Sophie Ouzet, European Commission, Directorate-General for the Environment (DG ENV), Unit D3/ Nature protection
- Bruna Campos, BirdLife International
- Tiina Tihlman, Ministry of the Environment of Finland
- Charlotte Boesen, Orsted



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# THANK YOU FOR JOINING THE WEBINAR

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