



**eMSP
NBSR**

Emerging Ecosystem-based
Maritime Spatial Planning
Topics in the North and Baltic
Sea Regions



Co-funded by
the European Union



Data collection: a reference data list for an ecosystem- based approach to MSP

Strengthening EBA in MSP and supporting SBE

14/06/2023 – Helsinki, Finland

French National Hydrographic and Oceanographic Service (Shom)

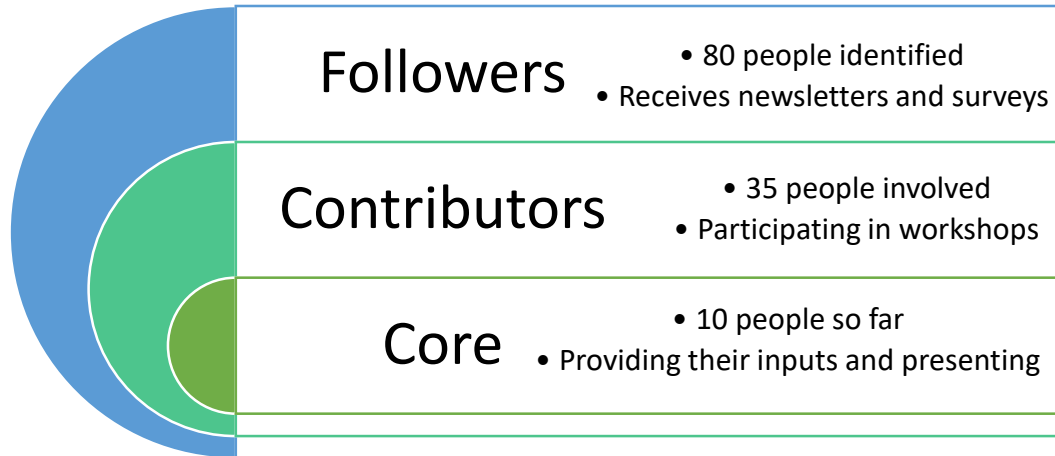


Bérénice Lequesne – berenice.lequesne@shom.fr

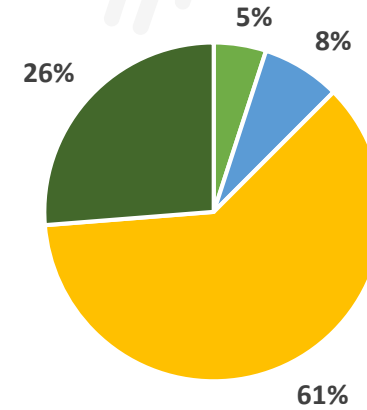
Alexis Esquerré – alexis.esquerre@shom.fr

The Data Community of Practice

Data CoP so far...

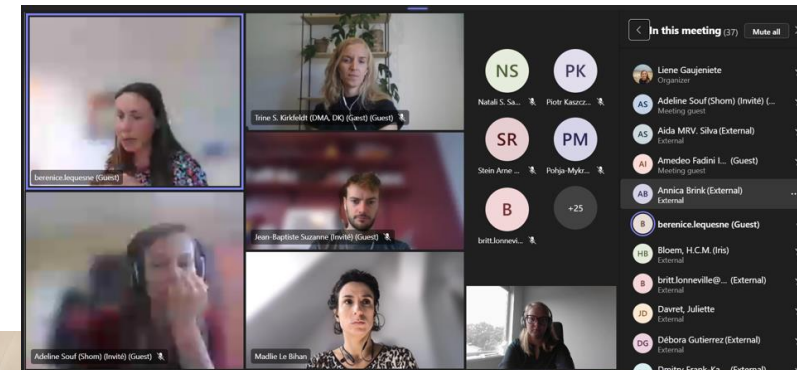


This does not include the project partners



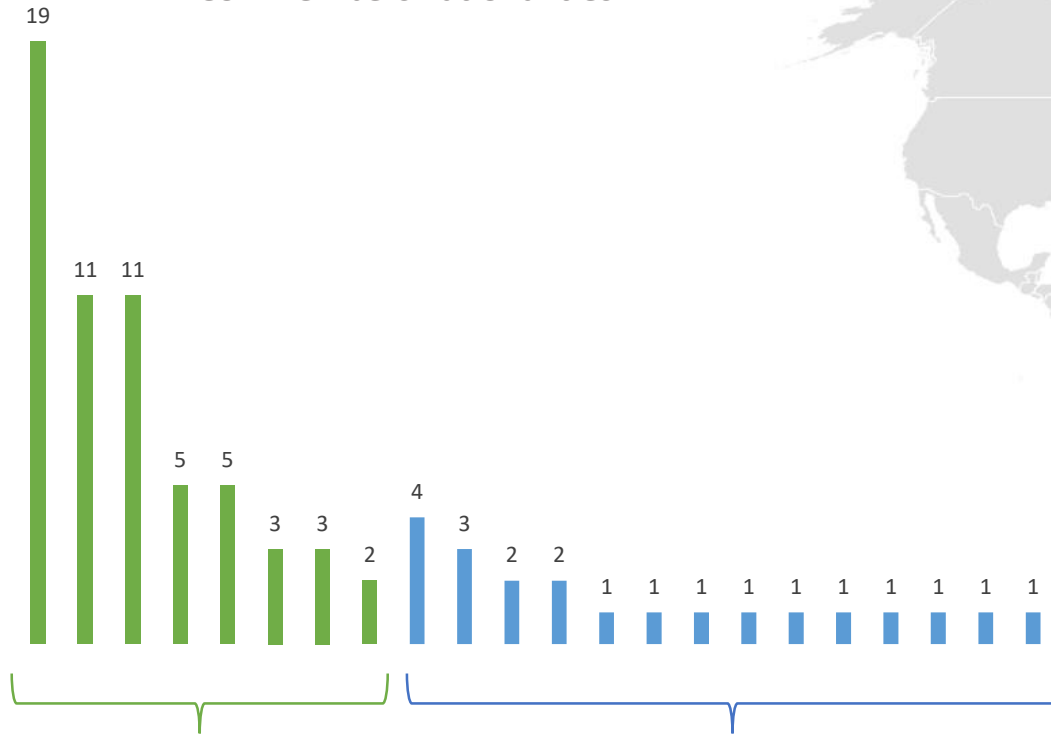
CoP members working sector

- NGO
- Private sector
- Public authority
- Science



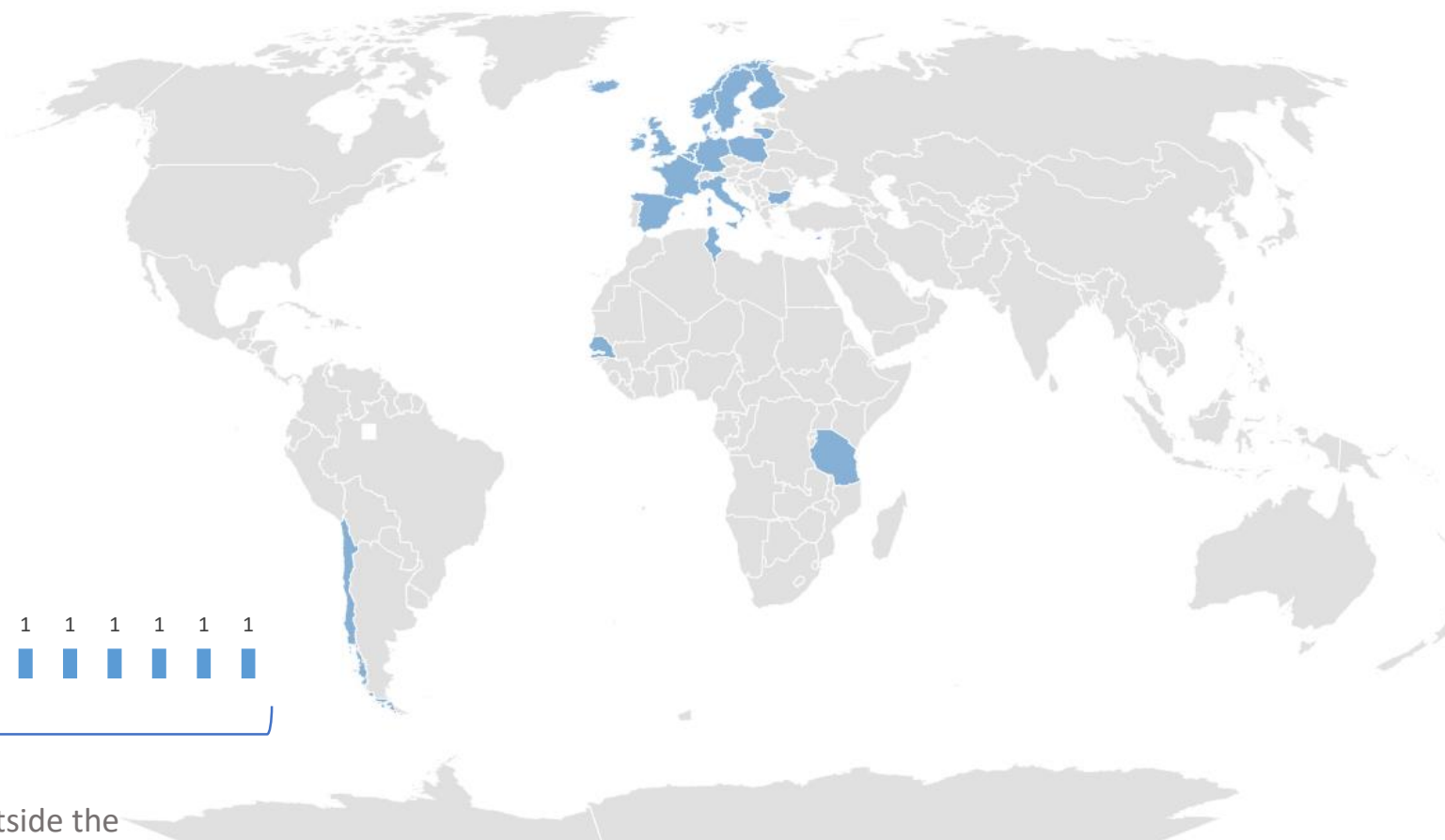
The Data Community of Practice

CoP members nationalities



Countries inside the
eMSP project
N = 59

Countries outside the
eMSP project
N = 21





Goals



Evaluate the coherence of the MSP data and information available across borders.



Understand the process of the MSP from data perspective to environmental impact assessment, cost-benefit analysis, mitigation measures, maritime surveillance assessment and climate change.



Share **MSP plans to the responsible authorities** implementation and connect this with activities **to ensure maritime surveillance***.



Provide recommendations to authorities and data users regarding MSP plans dissemination and interoperability through the existing mechanisms and sea basin.

**Maritime surveillance covers maritime safety, maritime security, border control, maritime pollution, enforcement of marine protected area, fishery control*



Objectives

1. **Analyse standardisation and consistency** of the data format, spatial continuity aspects (cross-border, spatialisation, scale and symbology) and terminology.

2. Come up with a proposal of **a Reference Data List**, from data perspective for the other CoP.

Deliverables



Survey on Data use and Information → results available on eMSP website: <https://www.emspproject.eu/>



Inventory on Terminology and Glossary



Reference List in data collection in an ecosystem-based approach MSP and sustainable blue economy
→ **End S1 2023**

Newsletters

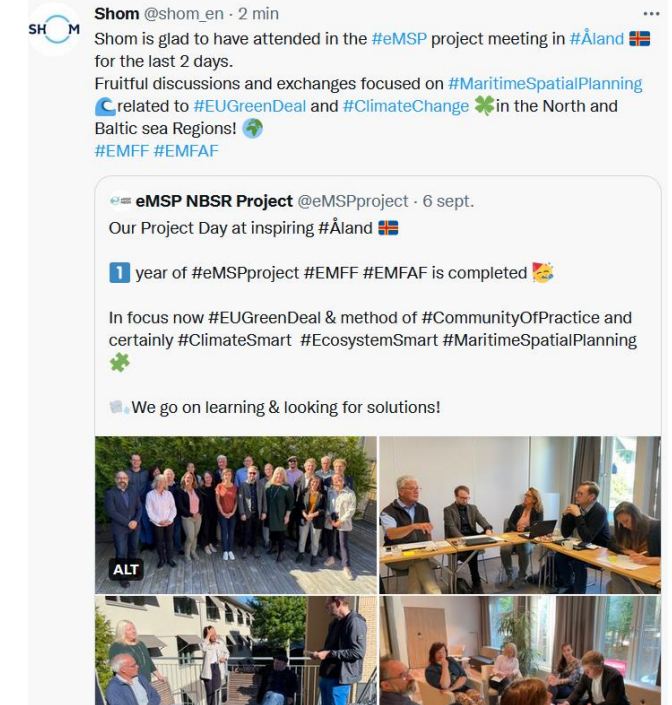
Every 2-3 months

- Coming data related events and meeting
- Sum up and links to the presentation
- Access to information regarding the on-going activities
- Library article

eMSP-NBSR website



Twitter



<https://www.emspproject.eu/>

Goals

- To list the currently available (or used) data on the topic
- To establish a reference data list for the topic

- Building process:
 - 1st step: Survey on data use ⇒ Replies from 7 countries: both EBA and SBE
 - 2nd step: Synthesize the results ⇒ First version of the list
 - 3rd step: Present the list, receive and implement comments ⇒ Current version of the list

Result

➔ List of 145 datasets in 10 categories

Reference data list: Categories and sub-categories

- Habitats
 - Benthic, pelagic, and others
- Atmosphere
 - Weather, wind
 - Climate classification, effects of climate change
- Ecosystems and ecology
 - Existing species and their functional areas
 - Ecological processes and interactions
- Geomorphology
 - Bathymetry, landscapes, structures, shoreline characteristics, etc.
- Hydrodynamics and hydrography
 - Surface level and water column measurements and description
 - Hydrodynamics, waves

- Pressures and Impacts
 - Pollution sources
 - Human activities and infrastructures
 - ...
- Zonal assessment and/or protection
 - MPAs
 - Ecological status, ecosystem services, resources, risks...
- International & cross-border issues
 - Cohabitation of uses, economic flows, exports and imports...
- Demography, social data
 - Living conditions, income, employment in blue economy...
- Maritime spatial planning
 - Regional, national, trans-boundary levels

- Use the list as a reference for MSPD (2014-UE-89)
 - Article 6e (“use the best data available”) and 6b (“consider environmental, economic, social and safety aspects”)
 - Adjust to local issues and specificities
- Will be included in the Policy Brief
 - Can be used in recommendations
- **NOT** a “legal requirement”.

What next?

- How to adjust the list to local needs, or prioritize items?
- How can the authorities and scientists communicate better?
- How to present this very technical list to authorities? (T4.5 on Sharing information and stakeholder involvement)



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Thank you!

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Swedish Agency
for Marine and
Water Management

