

# Powering the European Marine Data Ecosystem

For a digital and green future

EMODnet OPEN CONFERENCE 2023



Session 1: EMODnet: a unified public marine data service

EMODnet Seabed Habitats

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# EMODnet Seabed Habitats

## Latest offer and key achievements

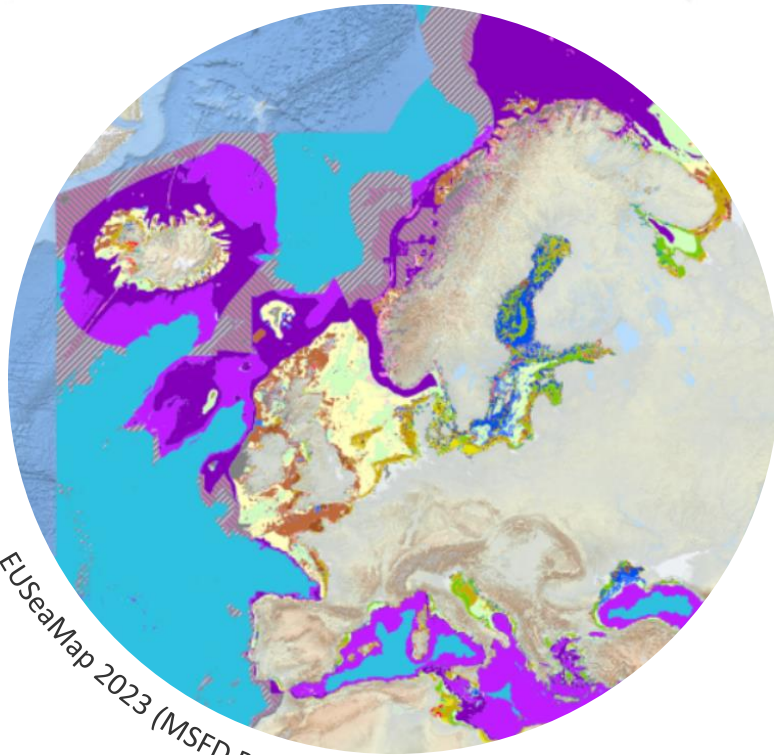
- An expanded library of maps of communities, biocenoses, biotopes and habitats for all of Europe, Caribbean Sea and Caspian Sea [..]
  - Survey data, Essential Fish Habitats, Coastal Wetlands
  - Composite products (e.g. EOVs: mangrove, seagrass, live hard coral in Europe)
- EUSeaMap update & new/updated background layers
- Geographical scope and product coverage expanded to the Caribbean and Caspian Seas
  - Caribbean SeaMap & Caspian SeaMap created



Seagrasses, mangroves and coastal wetlands as imagined by DALL·E

# EMODnet Seabed Habitats

## User community

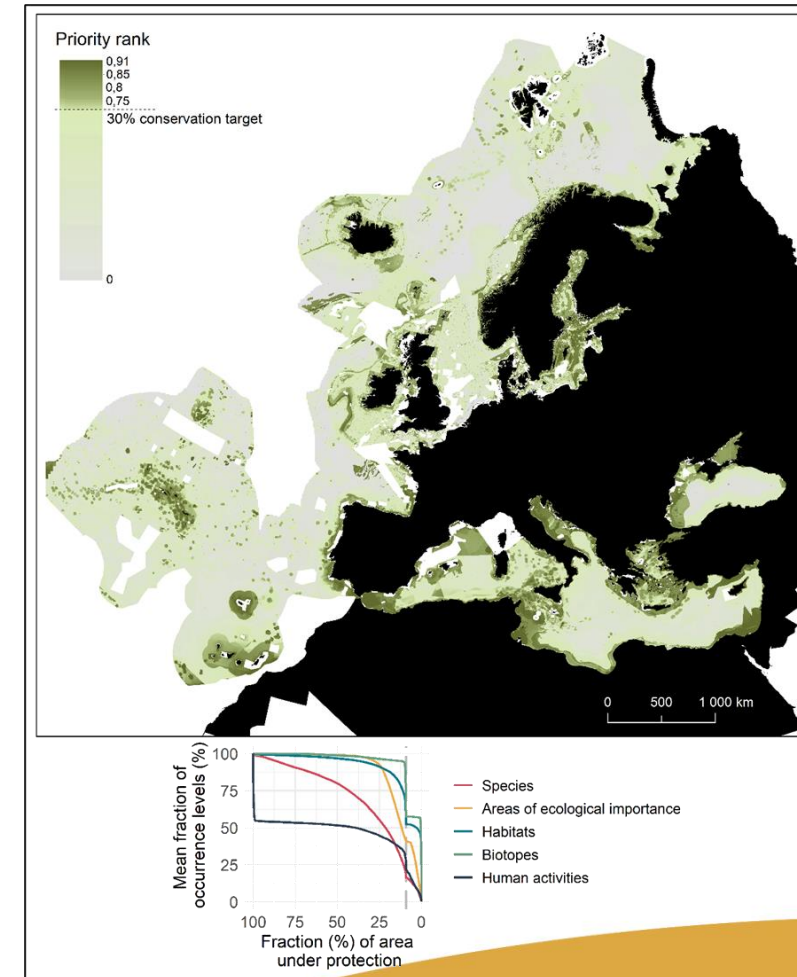


### Use cases

- MSFD reporting (Benthic Broad Habitat Types)
- Regional Sea Conventions' assessments (OSPAR BH3, HELCOM HOLAS3)
- MPA network assessment / designation scenarios
- Sustainable Blue Economy projects

### Central portal

- Everything in one place: Data, reports, tools etc. + the building blocks of Seabed Habitats' products



Development of scenarios for the designation of a coherent MPA network in Europe

(ETC/BE task number: 1.1.7.3 - E. Virtanen, N. Kallio, S. Korpinen, L. Kuismanen, A. Annunziatellis, G. Mo, S. Agnesi) 3

# EMODnet Seabed Habitats

## Future evolution: content, services, partnerships

- New data products & updates to existing ones
- Integration and expansion of data sources
  - Identifying new areas and data providers
  - Working toward full integration of habitat observation data with species data
- Enhancing user experience & maximizing utility of data
  - Development of tools, sharing them & ideas across themes
- Enhancing collaboration and focusing on user needs
  - Identifying potential new meaningful (possibly cross-thematic) products aligned with policy delivery
  - RSCs
  - Research projects



The future of EMODnet Seabed Habitats as imagined by DALL·E