16th EMODnet Steering Committee
EMODnet for Business
Agenda Item 6

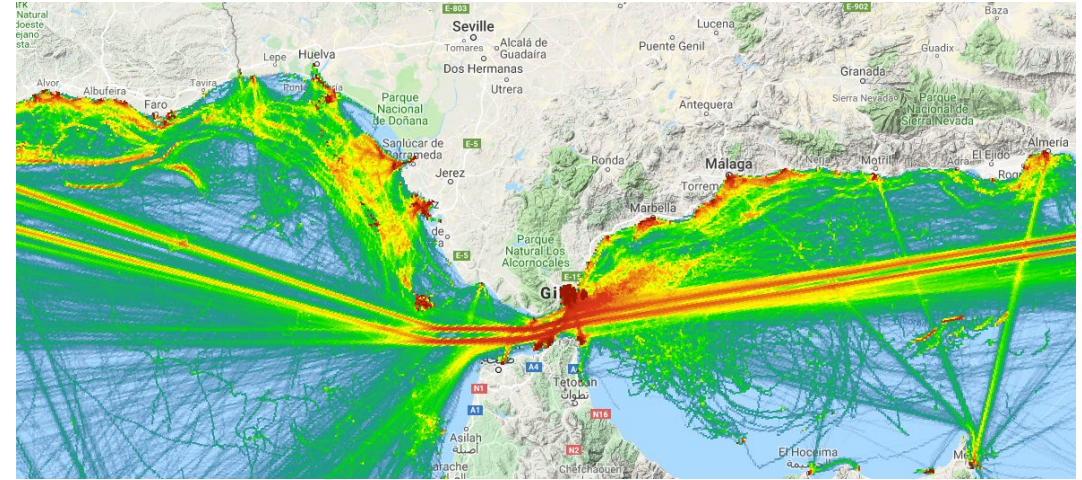16th EMODnet Steering Committee
27-28 April 2022

Kate Larkin

EMODnet Secretariat
emodnet.ec.europa.eu

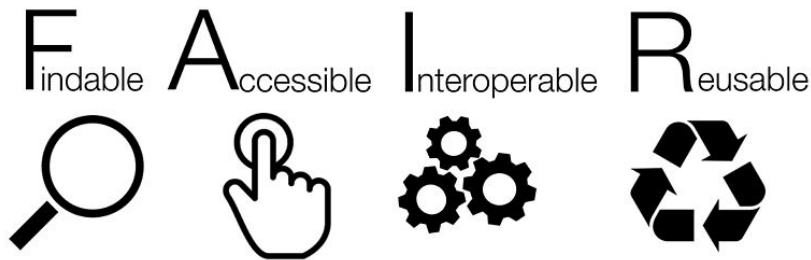# EMODnet: Added value for the Blue Economy and wider private sector

Collect data once, use many times.
Visualize and make data come alive.

- reduce uncertainty;

- increase productivity and cost-effectiveness;

- add value and impact to your data;

- stimulate innovation.

Findable Accessible Interoperable Reusable
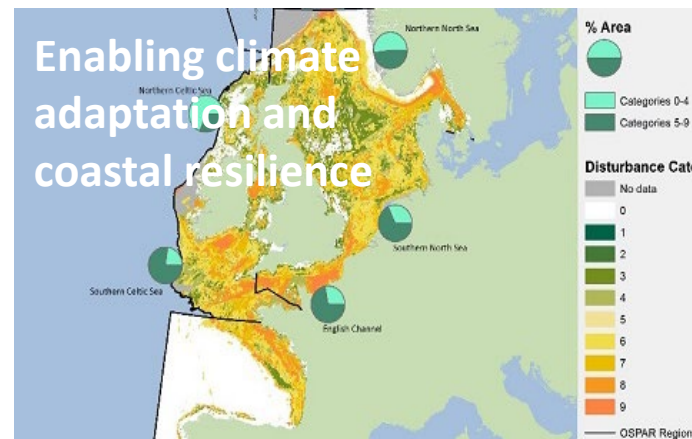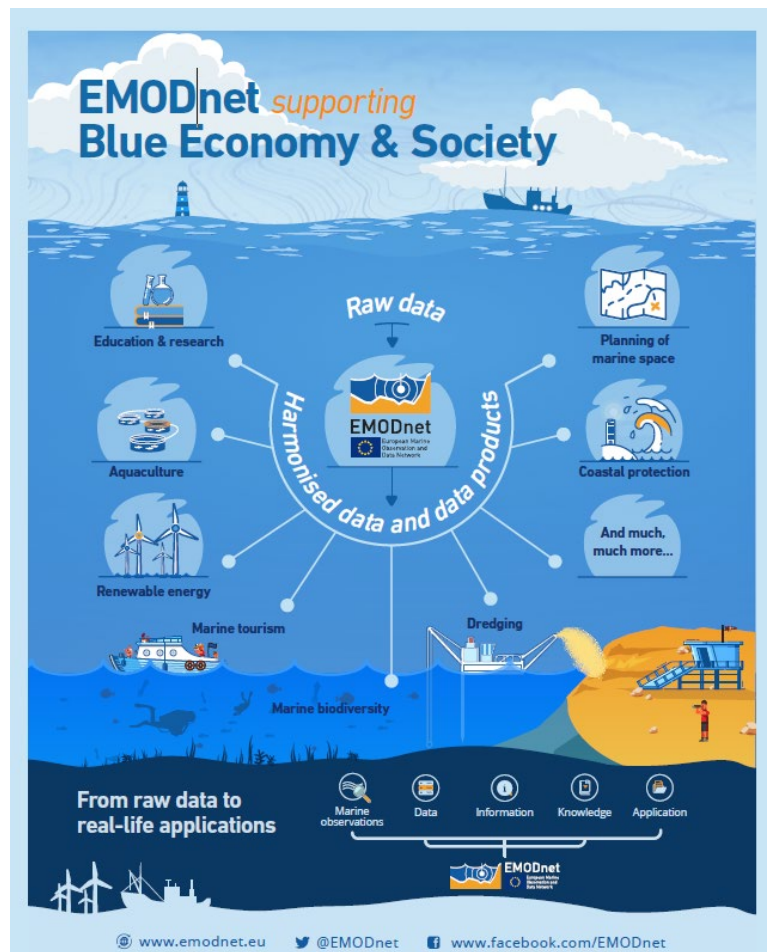
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HUMAN ACTIVITIES

Vessel density by EMODnet Human Activities. The map is a grid with 1 square kilometre cells, each with a colour gradient for vessel density.
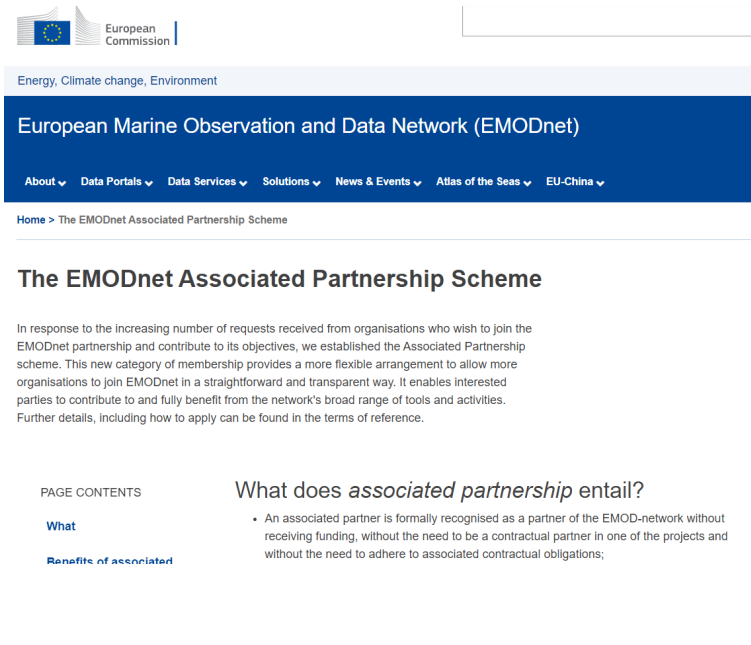

The European Green Deal
#EUGreenDeal

EMODnet
European Marine
Observation and
Data Network

EMODnet: An operational service delivering marine data, information and knowledge for research, policy, blue economy and society

Improving evidence-based management of space at sea

decarbonising maritime transport and offshore energy

Enabling climate adaptation and coastal resilience

Providing sustainable food production

Preserving biodiversity and investing in nature

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EMODnet Associated Partners

- 27 EMODnet Associated Partners (April 2022)
- Members:
  - SMEs to Large Industry
  - Private sector to public-private partnerships and Marine/Maritime Institutes
- EC Marine Knowledge Expert Group
- Data providers to EMODnet and data users

EMODnet: User testimonials

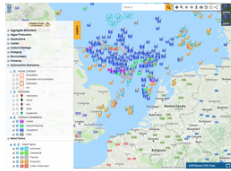## EMODnet for the Blue Economy: Offshore Renewable Energy

«*We realise the importance of EMODnet data and data products e.g. Bathymetry, Physics in reducing uncertainty and improving offshore energy operators costs in mico siting of cables*». Gerben de Boer, Van Oord, EC MKEG member

Human Activities

EMODnet wind farm and hydrocarbon extraction datasets to support the development of wind farm projects

The EMODnet Human Activities portal has become a vital tool for C2Wind, a Danish company working in th ewind industry. Wind farm and hydrocarbon extraction datasets are the most commonly explored datasets, identifying locations of already existing structures. Additional datasets on occasion are surveyed to provide the full extent of human activities. This crucial information is used in the preliminary phases of projects, determining areas of interest for the development of wind farm projects.
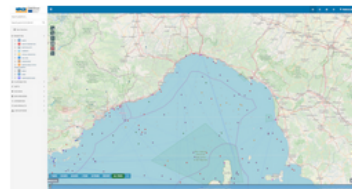

EMODnet for the Blue Economy: Supporting tourist navigation and decommissioning of offshore infrastructures

Bathymetry   Physics

EMODnet Bathymetry & Physics data supporting Sea Situational Awareness for tourist navigation

SINDBAD+, is a project co-funded by the European Commission (POR FESR 2014-2020), that aims at providing a service that can predict weather conditions and analyse its consequences on the navigation depending on the characteristics of the boat such as length, width and depth. The service targets luxury and leisure boaters. The SINDBAD partners use EMODnet Physics and EMODnet Bathymetry to initiate and validate data forecast models.

Seabed Habitats

10 Nov 2020

EMODnet Seabed Habitats contributes to the debate on the decommissioning of offshore infrastructure

This study was published by a group of authors, including representatives from a range of universities and research organisations. The lead author is the **University Technology Sydney's fish ecology lab**, which aims to provide novel research to inform on the sustainability of the oceans and their fish populations. They actively engage in public debate on a wide range of issues affecting the marine environment, and also act as a hub for student research training. Their studie
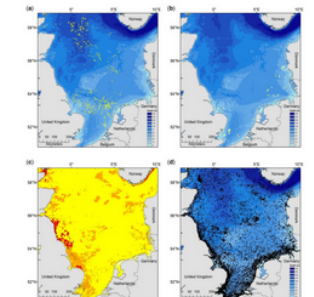

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EMODnet: Industry events

e.g., Oceanology International, 14-18 March 2022

- **EMOD-network and Associated Partner stands, presentations, panel discussions**
- **Dialogues on data sharing, interoperability, ocean observation, marine technology and more.**

What other industry events could EMODnet prioritise in 2022-2023?

EMODnet
European Marine
Observation and
Data Network

EMODnet for Business: Events

- **2020-2021:**
    - EMODnet co-organised 2 « Marine Data for Aquaculture » online workshops;
    - EMODnet engaged Associated Partners, EC MKEG and wider industry in EMODnet flagship events e.g., EMODnet Open Conference 2021 & EC Ocean Observation event, June 2021;
    - EMODnet presented at industry events e.g., Oceanology International, Sustainable Ocean Summit, etc
- **In 2022, EMODnet will organise 2 EMODnet for Business workshops in September 2022 on « Marine Renewable Energy » with the support from the European Commission (EC)**
    - 2 Online workshops (Regional sea-basin specific)
    - Engaging key actors across Europe in Marine Renewable Energy
    - Participants ranging from SMEs to Large Industry, Policy (national, regional, EU), research, civil society, etc
    - Exchange on EMODnet data services to support business operations, data sharing, other……

EMODnet Associated Partners

The EMODnet Associated Partnership Scheme

- 27 EMODnet Associated Partners (status, April 2022)
- EMODnet dialogue with EC Marine Knowledge Expert Group
- Industry events (OI, SOS, other)
- EMODnet-led events (2022 on Marine Renewable Energy)
- Dialogues on data sharing, ocean best practices, etc
- Tailored communications and events e.g., videos, brochures, workshops

What else could EMODnet do to engage with the private sector

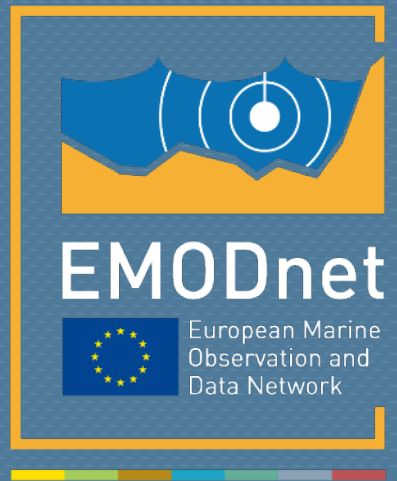

EMODnet for Business

EMODnet for Aquaculture

EMODnet for Maritime Spatial Planning

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Your gateway to marine data in Europe