The Solution...

The **European Marine Observation and Data Network (EMODnet)** was created in 2009 to unlock fragmented and hidden marine data resources, making these available to individuals, organisations and businesses without restrictions.

EMODnet is a network of more than 120 partners supported by the EU's integrated maritime policy who work together to observe the sea, process the data according to international standards and make that information freely available online as interoperable data layers, data products and services.

The **'collect data once and use many times'** philosophy benefits all marine data users, including policy makers, scientists, businesses and the public. Our European marine data sharing policy already saves costs for offshore and coastal business and offers a range of new opportunities for innovation and blue growth.

EMODnet is *making a* Difference!

EMODnet
European Marine Observation and Data Network

Contact us

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Your gateway to marine data in Europe and beyond

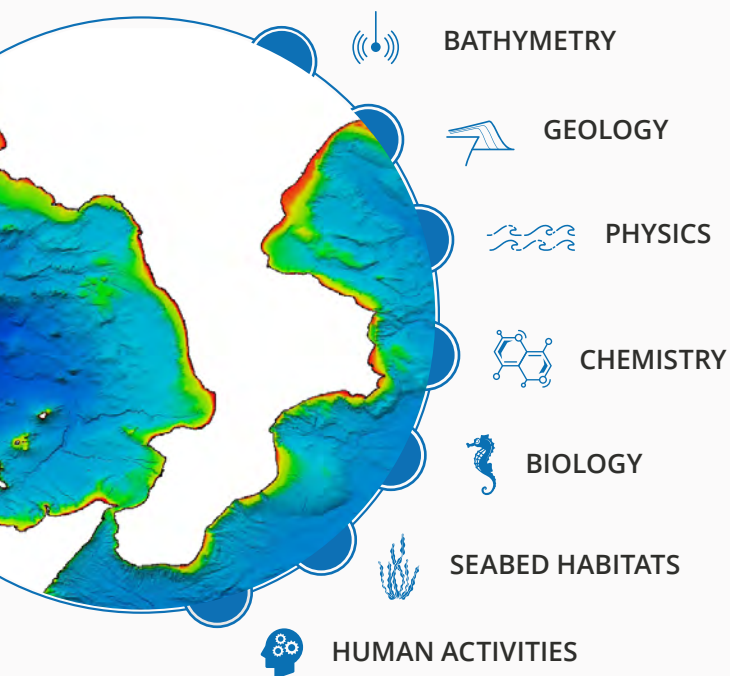**emodnet.ec.europa.eu**

The Challenge...

Data from the marine environment are a valuable asset. Rapid access to reliable and accurate information is vital in addressing threats to the marine environment, in the development of policies and legislation to protect the marine and coastal environments, in understanding trends and in forecasting future changes. Likewise, better quality and more easily accessible marine data are a prerequisite for continued sustainable economic development, so-called 'blue growth'.

Unfortunately, **marine data collection, storage and sharing in Europe has been carried out in a fragmented way for many years**. Data are often collected for a specific purpose, to meet the needs of a single private and/or public organisation, often working in isolation from each other and leading to duplications of effort, repeated sampling campaigns and unnecessary inefficiencies.

Our Services

Central Access Portal

EMODnet provides a **single point of access to European marine data** across seven discipline-based themes:

- BATHYMETRY
- GEOLOGY
- PHYSICS
- CHEMISTRY
- BIOLOGY
- SEABED HABITATS
- HUMAN ACTIVITIES

Through these channels, users have access to reliable and standardised observations, metadata and processed data products such as basin-scale maps.

The EMODnet Central Portal (**emodnet.ec.europa.eu**) is the access point to these services, which are free to use and easily accessible.

The EMODnet Data Ingestion Facility: Ready to free your data

There is a wealth of marine data collected in Europe by public and private users. Nevertheless, many data remain hidden or unusable.

EMODnet's Data Ingestion facility (www.emodnet-ingestion.eu) tackles these problems by reaching out to data holders, explaining the benefits of sharing their data and offering a support service to assist them in doing so.

The result is to increase the quantity and quality of available European marine data for re-use by diverse stakeholders.

EMODnet will continue to strengthen its collaboration with marine knowledge providers, including the science community, the marine component of the EU's Copernicus programme and the private sector, to create a common platform for marine data.

WAKE UP YOUR DATA
Set them free for Blue Society
EMODNET-INGESTION.EU

EMODnet: An open network

The Associated Partnership scheme provides a flexible arrangement to allow more organisations to join EMODnet in a straightforward and transparent way. It enables interested parties to contribute to and fully benefit from the network's expertise, activities and resources.

- Gain access to a unique forum to collaborate, network and explore new opportunities.
- Establish improved corporate responsibility by subscribing to EMODnet's core principles.
- Improve the visibility of your organisation via new channels.
- Have a say in the development of future EMODnet products and services.

Join EMODnet as an Associated Partner!

MORE INFO:
emodnet.ec.europa.eu/en/emodnet-associated-partnership-scheme

The Benefits

EMODnet provides many advantages for professionals from the **public & private sector, the research community** and **civil society**.

- **Save costs and increase productivity:** Avoid costs of repeated collection of data by an improved access to already existing data in compatible formats.
- **Improve knowledge and reduce risks**: Better access to data improves marine forecasting, reducing costs of protecting life and property in coastal areas and offshore.
- **Develop new products and services**: Anyone (including SMEs) can build value-added services using data from different sources.
- **Add value to your own data**: Sharing data with EMODnet allows your own data to be combined with data from others to generate better value-added products and information and supports the global open data movement.

emodnet.ec.europa.eu