

EMODnet

*Ingestion and
safe-keeping of
marine data*

emodnet-ingestion.eu



Dick M.A. Schaap -
MARIS

26 April 2018
Sopot - Poland



About EMODnet

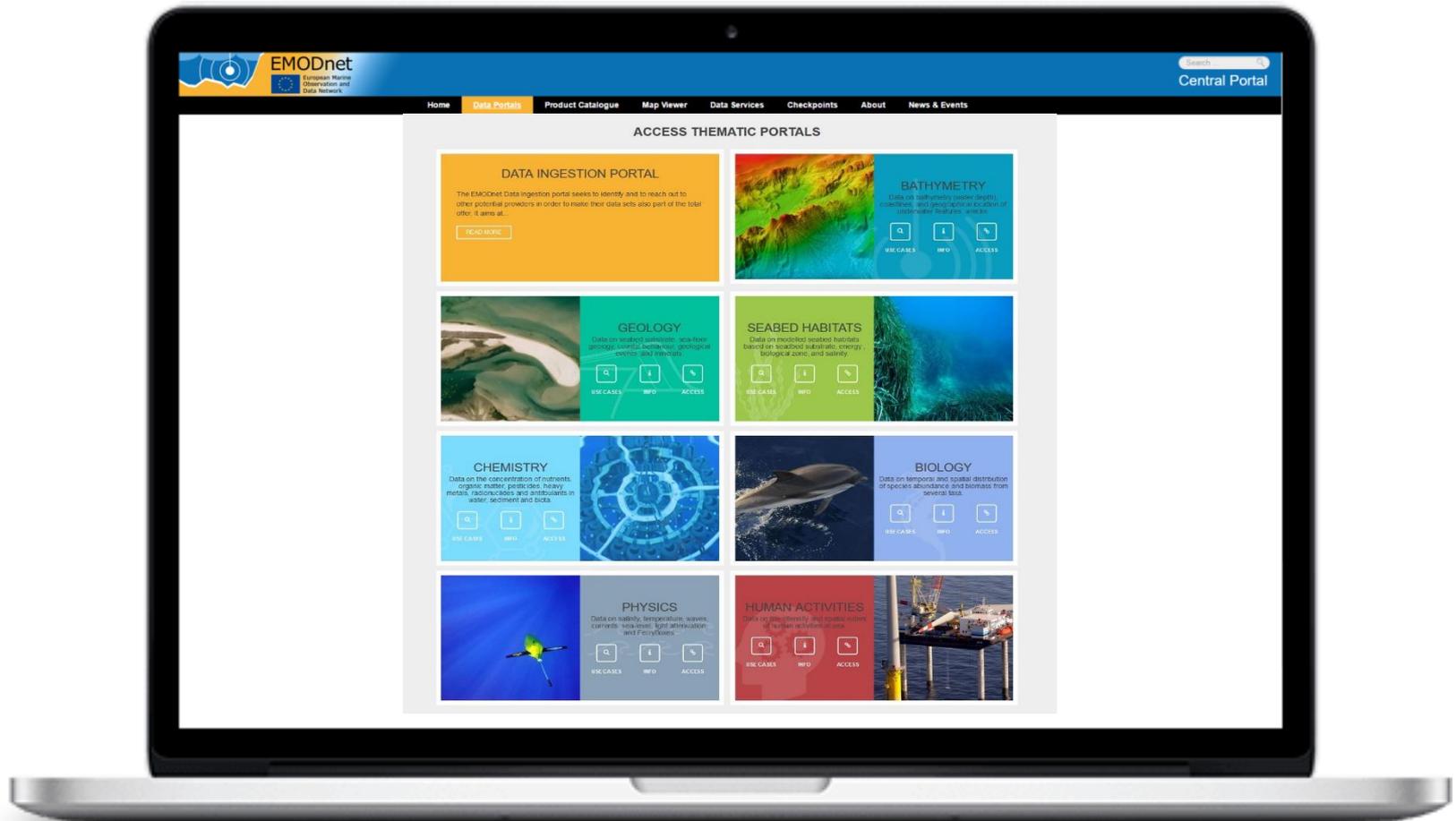


EMODnet, the European Marine Observation and Data Network, has over 160 organisations that work together to assemble and harmonise marine data, metadata and products, making them more accessible to Blue Society.



EMODnet central portal

www.emodnet.eu



EMODnet context



Thanks to EMODnet, marine data now have their

“ONE-STOP-SHOP”

easy to find, freely available, interoperable & reliable

*Quality controlled & accurate data of the maritime environment are critical to underpin the sustainable growth of **Blue Society**.*

However, many data collected by

public authorities

researchers

private operators of coastal or offshore facilities

- still do not arrive to the national or regional repositories
- are unavailable to scientists, engineers and other potential users.

EMODnet Ingestion



*“To develop and operate a **new EMODnet portal** with services that **facilitate and streamline** the process whereby **marine data from whatever source** is delivered on a **voluntary basis** for further **processing and safekeeping** by **data repositories** and subsequent **distribution through EMODnet thematic portals**”*

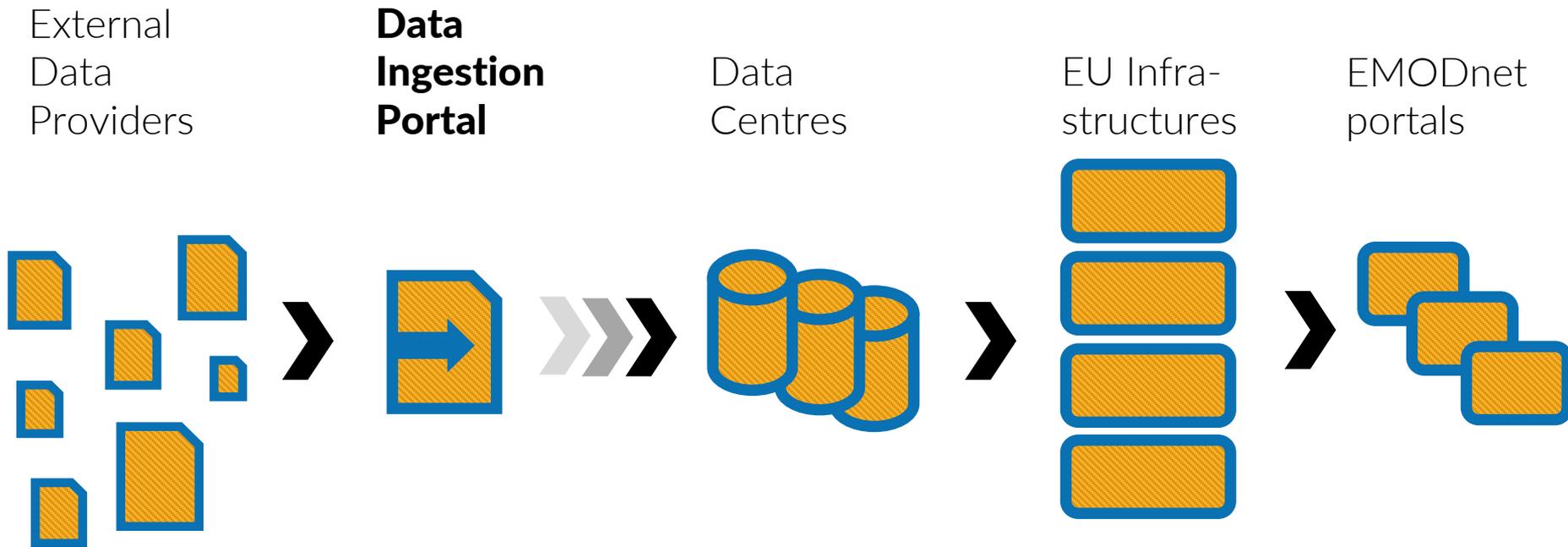
Using a dedicated portal from which specific data set handling processes are initiated.

Relying on existing data managing organizations in EMODnet: NODCs, Hydrographic Offices, Geological institutes, Biological institutes, Marine research institutes ...

Targeting data providers & their data that are not yet handled or part of the mainstream processes of these data repositories

EMODnet principle of ingestion data flow

The EMODnet Ingestion services will serve all EMODnet thematic portals for streamlining incoming data sets



For more info, please visit www.emodnet-ingestion.eu

EMODnet Ingestion portal



 **DATA INGESTION PORTAL**
Wake up your data - set them free for Blue Society

Search

[CONTACT](#)

[ABOUT](#) [DATA SUBMISSION](#) [OPERATIONAL DATA](#) [SUBMISSIONS](#) [GUIDELINES](#) [DATA WANTED](#) [HELP](#) [PROMOTION](#) [CENTRAL PORTAL](#)

Home

Welcome to the EMODnet Data Ingestion portal

The European Marine Observation and Data Network (EMODnet) consists of more than 160 organisations that together work on assembling, harmonising and making marine data, products and metadata more available to public and private users. This Data Ingestion portal facilitates additional data managers to ingest their marine datasets for further processing, publishing as open data and contributing to applications for society.

[READ MORE](#)



Submit your data files

The online Data Submission service facilitates you to submit marine datasets by completing a form and



Ingest operational data

We are also interested in (Near) Real-Time ((N)RT) data streams from fixed and autonomous ocean



View submissions

View, search and download datasets that have been submitted by data providers using the Data

Submission service for offline data sets

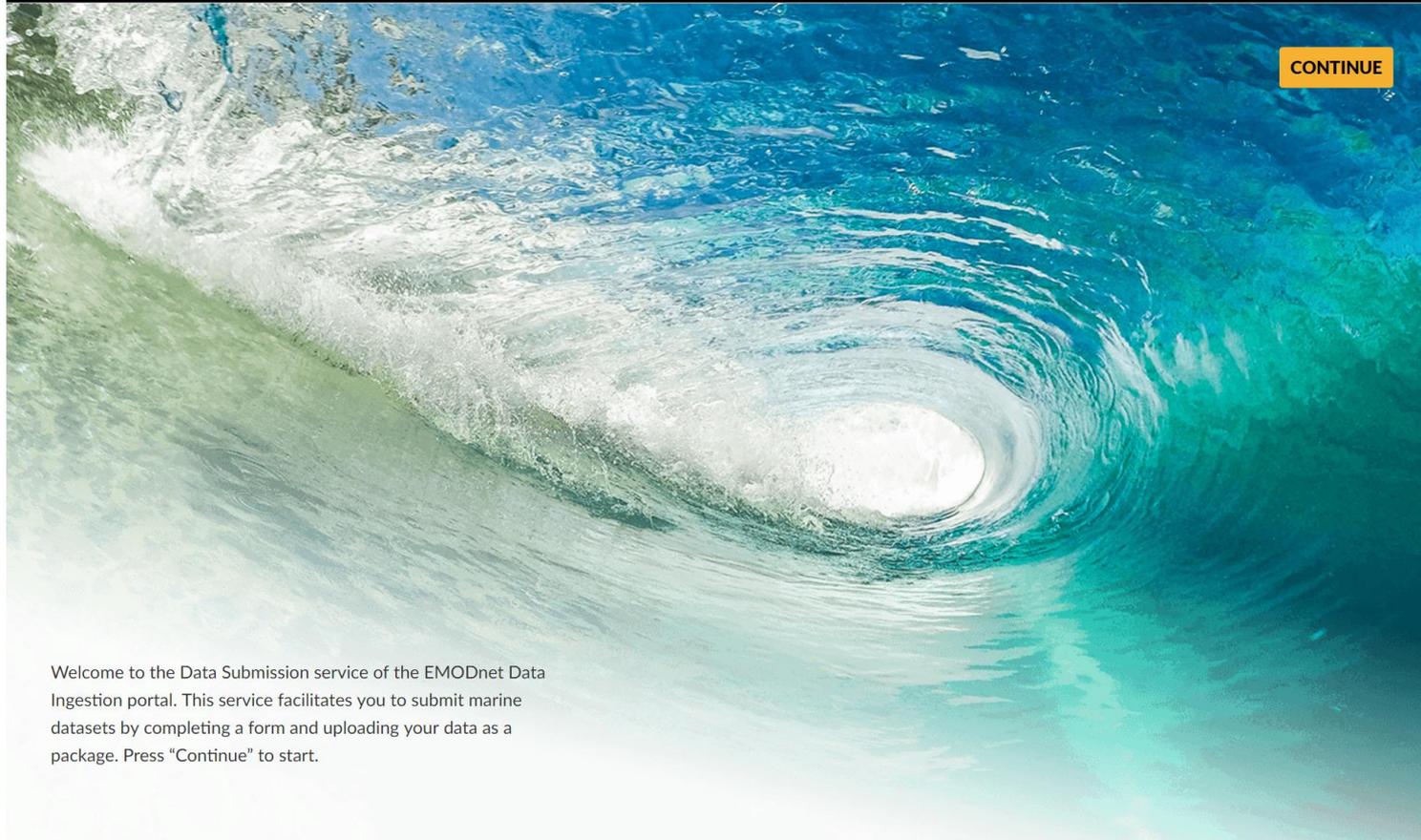


EMODnet
European Marine
Observation and
Data Network



Data Ingestion Portal
Data Submission Service

[GO TO WEBSITE](#)



[CONTINUE](#)

Welcome to the Data Submission service of the EMODnet Data Ingestion portal. This service facilitates you to submit marine datasets by completing a form and uploading your data as a package. Press "Continue" to start.

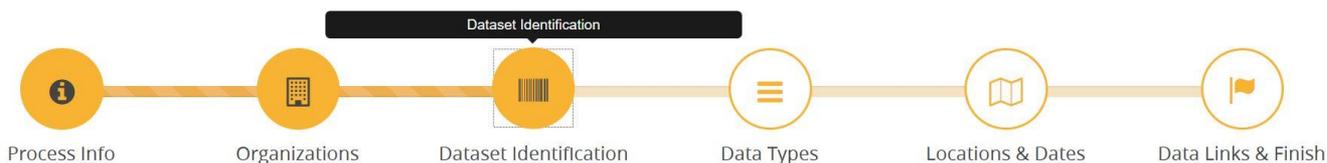
Submission service for offline data sets



DATA INGESTION PORTAL
Wake up your data - set them free for Blue Society
Data Submission Service

| 🏠 DASHBOARD | 🔙 BACK TO LIST

WELCOME DICK M.A. SCHAAP (M) | 🚪 LOGOUT



Dataset Identification

* = Required

DATASET GENERAL INFORMATION

Title of dataset * ⓘ 2011-GEMS, Zone 8 - Bristol Channel Atlantic Array, Metocean assessment

Narrative summary of dataset * ⓘ GEMS Survey Ltd. (GEMS) was awarded a contract by Channel Energy Limited to undertake metocean data collection in the Bristol Channel as part of the Atlantic Array wind farm development project. The scope of work includes the deployment of two acoustic wave and current (AWAC) units and one Directional Waverider Buoy. Ancillary work includes water and sediment sampling and water profiling. Following non-recovery of AWAC devices, TRIAXYS Directional Wave buoys were utilised for the rest of the survey. This series contains both reports and datasets associated with the Metocean Assessment.

DATASET FORMATS

Dataset format * ⓘ Text or Plaintext

View submissions service



DATA INGESTION PORTAL
Wake up your data - set them free for Blue Society

CONTACT

[ABOUT](#) [DATA SUBMISSION](#) [GUIDELINES](#) [SUBMISSIONS](#) [DATA WANTED](#) [HELP](#) [OPERATIONAL DATA](#) [PROMOTION](#) [CENTRAL PORTAL](#)

Home / Submissions

View submissions

This service allows users to search and download the datasets that have been submitted via the Submission service and that have been reviewed and completed in metadata by assigned data centers. These datasets are published “as-is” and will be further inspected and elaborated, where possible, for uptake in the national and European infrastructures supporting EMODnet.

Search by

Free search

Date [yyyymmdd]

Geobox

Sea areas

- Strait of Sicily (3)
- Black Sea (2)
- Skagerrak (2)
- Baltic Sea (1)
- North Atlantic Ocean (1)

Observation types

Results (10)

southstream observation

Period: 2014-10-18 - 2015-10-15

Observation type: Currents,Other physical oceanographic measurements,Water column temperature and salinity



CTD Cumnija Bay

Period: 1996-09-17 - 1996-09-22

Observation type: Dissolved gases,Other inorganic chemical measurements,Water column temperature and salinity



Currents Cumnija Bay

Period: 1996-05-29 - 1996-09-30

Observation type: Currents



Ferry box data

Period: 2015-04-01 - 2015-10-31

Observation type: Water column temperature and salinity



oceanographic data from UTO platform

Period: 2017-03-01 - 2017-07-01



Ingest operational oceanography data

ABOUT

DATA SUBMISSION

OPERATIONAL DATA

SUBMISSIONS

GUIDELINES

DATA WANTED

HELP

PROMOTION

CENTRAL PORTAL

Home / Operational Data

NAVIGATE

PILLARS UNDER EMODNET
PHYSICS

HOW IS THE OPERATIONAL
OCEANOGRAPHY DATA
EXCHANGE ORGANISED

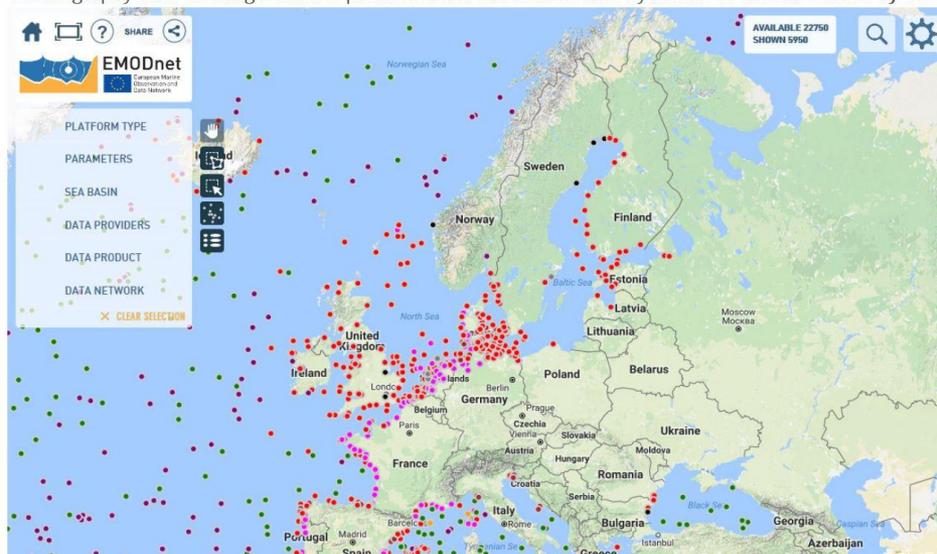
HOW CAN YOU JOIN THE
OPERATIONAL OCEANOGRAPHY
DATA EXCHANGE



Join the European operational oceanography exchange

EMODnet Ingestion aims at making marine data part of the European data management infrastructures. This concerns marine data from the European seas and coastal waters from diverse governmental, research and private sources. It concerns data that have been collected by all kinds of surveys, campaigns, and projects.

It also concerns **operational oceanography data** that are collected by fixed and moving platforms such as fixed stations, moorings, buoys, tide gauges, surface drifters, ferryboxes, argo floats, gliders, HF radars and other platforms. These platforms generate Near Real Time (NRT) data streams which should become part of the European operational oceanography data exchange which is promoted and made accessible by means of the **EMODnet Physics portal**.



Why would you submit your data?



- Gathered data and generated data products in EMODnet are very important for research, but also for monitoring, predicting and managing the marine environment, assessing fish stocks and biodiversity, offshore industry, maritime industry, offshore controlling any hazard or disaster, and tourist industry.
- And they support also the execution of international protocols, conventions and agreements, which have been signed by coastal states for protection of the seas.
- As additional data provider you can contribute to increasing the quality and coverage of those products, and to reducing uncertainty in our knowledge of the behaviour of the sea. And as a user yourself you can benefit from having access to better and more data and products.
- All data providers and originators will receive full acknowledgement.

EMODnet Data Ingestion

WAKE UP YOUR DATA

Set them free for Blue Society

The **Data Ingestion Portal** facilitates submitting marine datasets for further processing, Open Data publishing and contributing to applications for society.

emodnet-ingestion.eu



[Check out the video](#)