

Powering the European Marine Data Ecosystem

For a digital and green future

EMODnet OPEN CONFERENCE 2023



EMODnet Data Ingestion:
in search of new data
providers from every
sector of marine society

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EMODnet Ingestion service

A key pillar of the European Marine Observation and Data Network for sharing data

Our Aim

- To provide a public service to the in-situ marine data collection communities for submitting their data
- To increase the available marine data in EMODnet for all types of users



The Challenge

- Many marine data collected by public & private sectors are not discoverable, accessible, or re-usable



Our Approach

- Identifying new data providers in the data collection landscape
- Motivating, supporting and training the data holders to share their data
- Streamlining the ingestion process from data sources toward EMODnet
- Cooperating with EU Programmes, Projects, Initiatives, Networks
- Promoting our activities (webinars, workshops) for raising awareness about Ingestion offer



EMODnet Ingestion ambassadors

Promotion and interaction with new data providers from multiple sectors

Network of 50 Data Centres, specialized marine centres, and all EMODnet thematic coordinators ensuring provision of trustable data and products

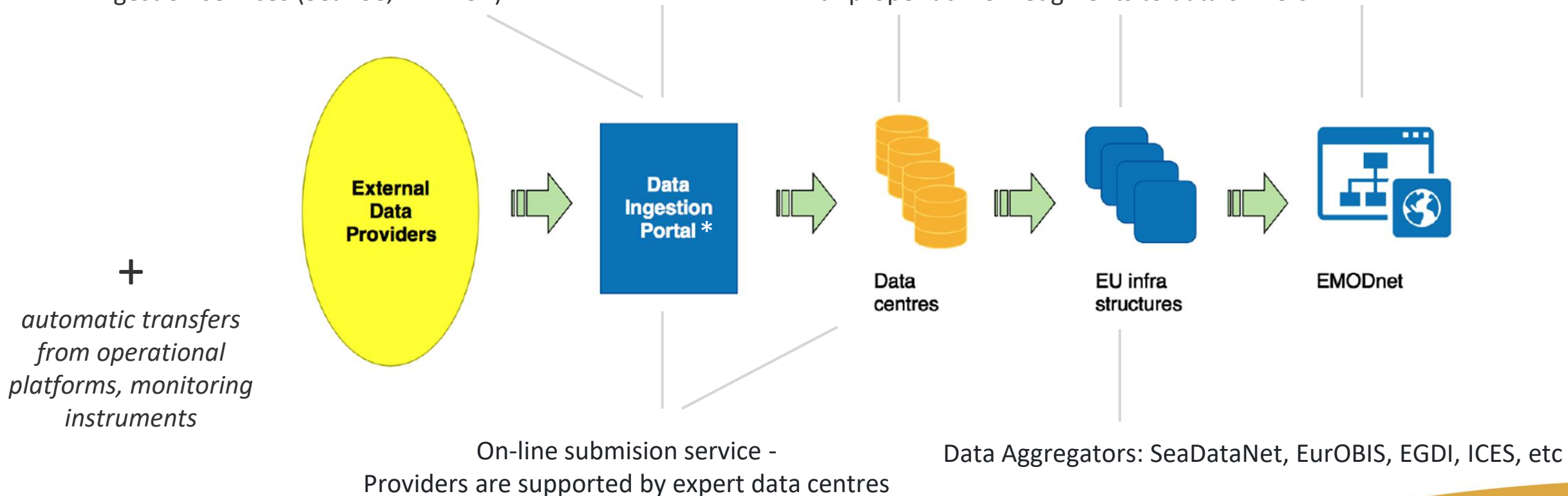


Data Ingestion process

A free and open public service for long-term stewardship, free distribution and publishing via EMODnet

Automatic exchange with other EU or national ingestion services (Seano, MDE-UK)

Use of standards & best practices for open and FAIR data, trustable products with proper acknowledgments to data owners

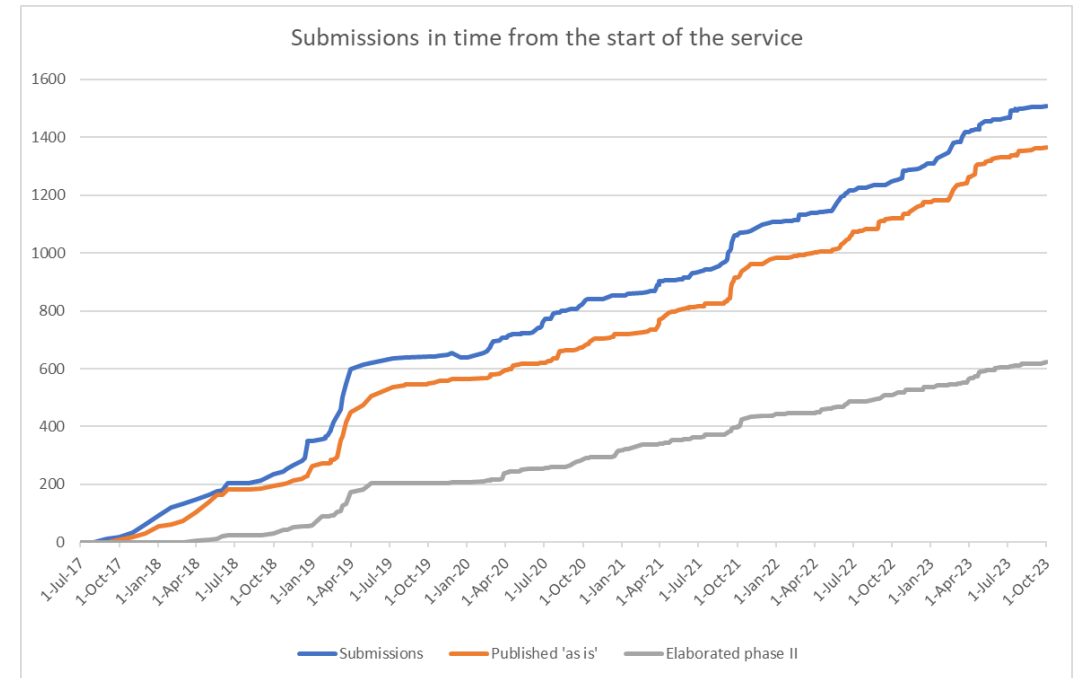
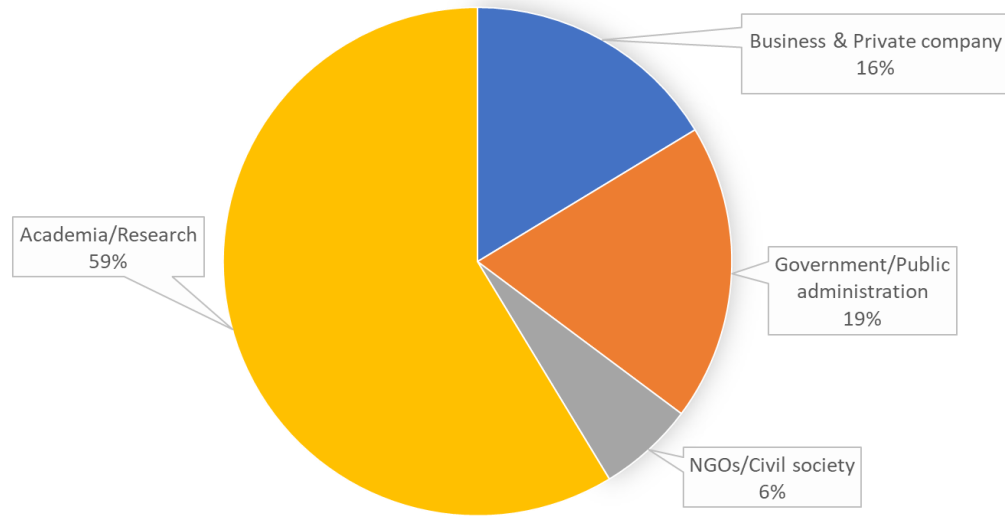


* Migration to Central Portal, 2024

Our Data Providers

1400 submissions from 200 Organizations from Academic, Governmental, Business, NGOs sectors, with promising collaborations for further growth

Types of organisations per sector



Current activities for attracting and ingesting new data

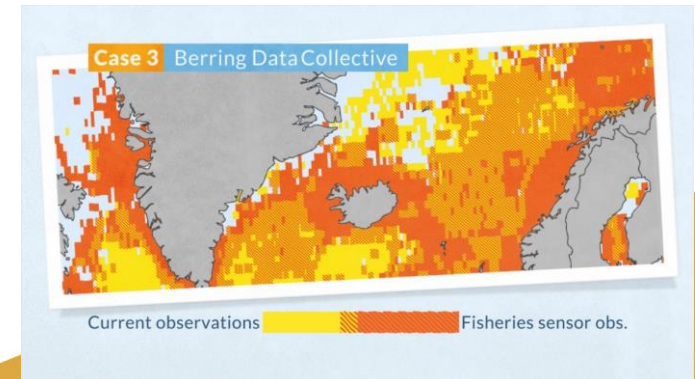
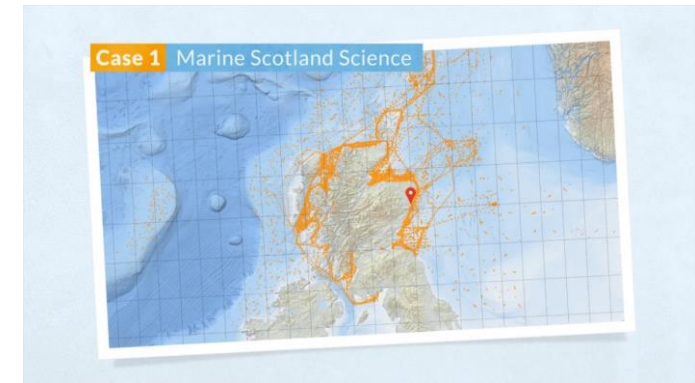
- **Citizen Science** groups and initiatives engagement
- Improvement & documentation of the availability of **coastal and offshore licensed data** (renewable energy, aquaculture)
- Organization of **workshops, webinars** (e.g. for EU Mission and Horizon Europe projects, early 2024)

Contribute data to EMODnet and become part of our success stories

Your Data Work it

<https://emodnet.ec.europa.eu/en/contribute-data-emodnet>

- **Marine Scotland Science data:** provision of numerous eutrophication, contaminants data
- **Spirulina farms from JRC:** in synergy with EMODnet Human Activities
- **Berring Data Collective:** Data from sensors in fishing nets, in synergy with EMODnet Physics
- **Marine litter data** from 4 NGO's and 5 EU monitoring & research centers
- **Monitoring data from windfarms** in the Dutch North Sea sector



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EMODnet



European Marine
Observation and
Data Network

Thank you for your attention

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emodnet.ec.europa.eu

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