EMODnet 20ᵗʰ Steering Committee Welcome and Updates

Closed session

29-30 April 2024

Meeting agenda
Tuesday 30 April 2024, 09h15-13h00 CET Closed Session

- 09:15-09:25 **Welcome and Updates** (EMODnet Secretariat and DG MARE) – 10'

- 09:25-09:50 **Operational updates from the Secretariat** (EMODnet Secretariat) – 25'

- 09:50-10:05 **Updates from 15th Technical Working Group** (EMODnet Secretariat, VLIZ, TWG) – 15'

- 10:05-10:30 **EMODnet Communications: Update on 2024 activities** (EMODnet Secretariat, ALL) - 25'

- 10:30-11:00 **EMODnet Open Sea Lab 4.0 operational planning** (ALL) - 30'

- 11:00-11:15 **COFFEE BREAK** - 10'

- 11:15-11:30 **EMODnet Use Cases** (ALL) - 15'

- 11:30-11:50 **EMODnet for Business** (ALL) – 20'

- 11:50-12:20 **EU Partnerships: Discussion and operational planning** (ALL) – 30'

- 12:20-12:30 **European Atlas of The Seas: EMODnet offer** (EMODnet Secretariat, DG MARE) – 10'

- 12:30-12:45 **External events: Overview** (ALL) – 15'

- 12:45-12:50 **Next SC** (ALL) – 5'

- 12:50-13:00 **Closing day 2** (DG MARE, EMODnet Secretariat, Chair) – 10'

Welcome and Opening remarks

Chair, EMODnet Secretariat and DG MARE

Operational updates from the Secretariat

EMODnet Secretariat

Operational updates from the Secretariat
List and status of actions from previous meeting (Spring 2023, 19th SC)

N°	Action	By whom?	Deadline
1	ACTION 1: EMODnet Secretariat to follow up with EC DG MARE about an internal EMODnet workshop for EC DG MARE staff	EMODnet Secretariat	29 February 2024 Ongoing
2	ACTION 2: EMODnet members of the Marine In Situ Coordination Group to liaise with full MIC Group with a view to co-developing an infographic on the European marine in situ ocean observation and data landscape	EMODnet Secretariat, EMODnet MIC members	30 September 2024 Ongoing
3	ACTION 3: EMODnet Coordinators and partners should strengthen their representation of EMODnet when participating in RTD projects e.g., Horizon Europe, EU Mission projects, and should inform their EMODnet partners of this to create a more structured approach to connecting EMODnet with European projects	EMODnet Coordinators, Secretariat	Ongoing
4	ACTION 4: EMODnet for Maritime Spatial Planning: Human Activities should add EC DG MARE in .cc when emailing EU Member States to request data, and continue dialogue with EC DG MARE on MSP activities, with a view to EMODnet Human activities presenting the latest update of EMODnet's work on MSP at a future Technical Expert Group (TEG) for MSP in 2024	EMODnet Secretariat and Human Activities	30 June 2024, Ongoing
5	ACTION 5: Organize a tele-meeting in January 2024 with the EMODnet Coordinators and Secretariat to discuss the EMODnet Vision to 2035	EMODnet Secretariat, EMODnet Coordinators	31 January 2024 Achieved
6	ACTION 6: EMODnet Central Portal Team (VLIZ, Secretariat) to take forward suggestions made at the 19th EMODnet SC related to the open source map viewer and idea for technical newsletter/blog to the next TWG in Q1 2024	EMODnet Central Portal (VLIZ and Secretariat)	30 April 2024 Achieved and ongoing
7	ACTION 7: Add a short text to the EMDOnet Portal Partnership Data Providers webpage to make it clear that the Data Providers list mainly includes data aggregators, infrastructures and services, it does not include all of the many hundreds more in situ ocean observation, marine monitoring and data collection efforts that are the foundation of the EMODnet marine knowledge value chain.	EMODnet Secretariat	31 January 2024 Achieved

Operational updates from the Secretariat
List and status of actions from previous meeting (Spring 2023, 19th SC)

N°	Action	N°	By whom?	Deadline
8	ACTION 8: Organise a tele-meeting with DG MARE and CINEA to further plan the EMODnet webinar for EU Mission Ocean and Horizon Europe		EMODnet Secretariat and Data Ingestion Coordinators	31 December 2023 Achieved
9	ACTION 9: Review and revise the Terms of Reference of EMODnet Associated Partnership to reflect that any organization that becomes a full partner of EMODnet, it must renounce its Associated Partnership		EMODnet Secretariat	30 April 2024 Ongoing
10	ACTION 10: Register EMODnet for the Blue Invest platform and maintain dialogue with CINEA and DG MARE on opportunities for EMODnet to contribute to BlueInvest events and stakeholder dialogues		EMODnet Secretariat	31 March 2024, Achieved and ongoing
11	ACTION 11: All EMODnet Coordinators to provide an update to the EMODnet Secretariat of the dialogue with Regional Sea Conventions before/at the next EMODnet SC meeting		EMODnet thematic and data ingestion Coordinators	30 April 2024 Ongoing
12	ACTION 12: EMODnet Coordinators to provide more inputs on their thematic/data ingestion contributions to the UN Ocean Decade to the EMODnet UN OD CIG co-Chairs Lennert Tyberhein (VLIZ) and Dick Schaap (MARIS) and the EMODnet Secretariat interactions before the UN Ocean Decade Conference		EMODnet Coordinators	31 March 2024, Ongoing
13	ACTION 13: Contact EC DG MARE for EMODnet input to a joint workshop between EMODnet and the Blue Economy Observatory for European Maritime Day 2024		EMODnet Secretariat	8 December 2024 Achieved and ongoing
14	ACTION 14: Send out a poll to the EMODnet SC for the next (20th) SC meeting		EMODnet Secretariat,	31 January 2024 Achieved

Operational updates from the Secretariat
SC drive with shared document, templates and Events list

- Steering Committee drive is available to all members of the steering committee
https://drive.google.com/drive/folders/1dxh7of7O1RncSyqWs0cyezv3xPYIl8Cf

This drive contains:
- Shared steering committee documents
- EMODnet Templates for presentations
- Events list : https://docs.google.com/document/d/1jw1Uz0GBKrp7-2swTgEBxaKg7mlO-ruj6sL1r7eZN3g/edit#heading=h.hkk73yssweqo

Name Event	Date	Location	Type of meeting	Secretariat roles e.g., participant, speaker, co-organiser	EMODnet Thematics, Data Ingestion, Central Portal role(s) e.g., participant, speaker, co-organiser
Mission Ocean & Waters Forum	05/03/24	Brussels, Belgium	Conference	Participant (online)	
European Parliament event for Mission Ocean Charter signatories	06/03/24	Brussels, Belgium	EP Event	Speaker	

Operational updates from the Secretariat

SC ToR

https://drive.google.com/drive/folders/1pZxueymIIvjZho8wqVx8cFYljTykDruB

Updates from 15th Technical Working Group (TWG)

EMODnet Secretariat

EMODnet 15th Technical Working Group

Overview of meeting

- *The meeting was virtual and occurred on the 12th of March*

- *25 people attended. The EMODnet network, DG Mare and CINEA.*

- *One day meeting. The minutes have been published and they are publicly available*

- *Very efficient and professional meeting, the TWG is core to the success of EMODnet.*

- *The next meeting will be in October.*

Task list from 15th TWG

Action	Description	Status	Who?	Remarks	JIRA
1	PDFs of all TWG presentations to be sent via email to the thematic lots.	Done	Conor Delaney		
2	With respect to MetaGIS ID for layers, Bart Vanhoorne indicates that it could be another possibility to do have links with UUID (easier for thematics), But, convert it to MetaGIS ID's on the VLIZ side. The JIRA ticket on this will be updated.		Bart Vanhoorne		EM-657
3	All lots to review their services and products by the next TWG.		All lots to be managed by the CP_team	Tracked via JIRA	EM-960
4	For future reference, the Secretariat and Chemistry to document the process of publishing eutrophic products.		Alessandra Giorgetti & Nathalie Tonné		EM-801?
5	Alessandra Giorgetti to add here review of the GeoNetwork interface to the existing Jira Ticket		Alessandra Giorgetti		EM-533
6	Conor Delaney to follow up with George Spoelstra on converting the HR DTM to netCDF and implementing the download from ERDDAP and the viewer		George Spoelstra and Conor Delaney		EM-958
7	User guide to the EMODnet Portal. This is to be a collaborative effort involving the CP_team and the thematic lots.		Conor Delaney & Nathalie Tonné		EM-959
8	Challenge of presenting attributes from complex datasets: Human Activities need more filters to the map viewer. They will create a Jira ticket		Helen Woods		
9	Challenge of presenting attributes from complex datasets: Joana Beja indicates that there are conflicting requests coming from the thematics. The CP_team will collate information on this issue so that an informed decision can be made.		Joana Beja		

EMODnet Communications

EMODnet Secretariat

EMODnet Communications Strategy Updates 2024

- **EMODnet Communication Strategy:** developed by the EMODnet Secretariat (2022; being updated in 2024)

- **Overview:** Provide guidance, tools and resources for consistent messaging on EMODnet, increasing EMODnet brand recognition and promoting key services of EMODnet and their added value for users across all platforms and materials creating

- **EMODnet Jamboree 2023:** Communications session to promote common messaging, hosted by Secretariat, attended by cross-thematic/data ingestion

- **Website and Promotional Materials**
  - Comprehensive updates to the EMODnet website in 2024, reflecting EMODnet's current status as EC marine data service; Updates to thematic areas to allow for upload of targeted thematic communication material.
  - Consistent design across all promotional materials such as brochures, leaflets, etc. reflecting also any updates such as "About EMODnet"
  - Updated PPT including unique slides for each thematic.

- **Blog and Campaigns**
  - *NEW:* Quarterly technical blog launched in the first quarter of 2024
  - Vision 2035 campaign: A brief campaign to outline EMODnet's future vision and goals once ready to communicate externally.
  - Deployment of 1 new infographic and 1 new video to visualize EMODnet's functionalities and features, using the map viewer and user testimonials.

EMODnet Communications Strategy Updates 2024
Communication Channels and Future Plans

Social Media and Newsletters
- EMODnet's LinkedIn platform experienced significant growth and engagement in 2024.
- EMODnet's Twitter/X account is regularly tagged and EMODnet posts multiple times per week on pan-EMODnet activities and amplifying messages from thematics, data ingestion partners and associated partners
- Monthly Newsletter strategy: Encourage thematics to contribute regularly, aiming for at least 2 news items per year from less active thematics.

Collaboration and Shared Events
- Shared events list with coordinators to improve coordination and communication across thematics in order to share resources and avoid duplication of efforts. Collaborative opportunities to raise EMODnet's visibility and impact.

Upcoming Changes and Future Directions
- Thematic and data ingestion will get access to edit their individual webpage static content on the EMODnet Portal Changes, once the Drupal update is completed: activity coordinated by EMODnet CP tech team;
- Increased communication on the key role EMODnet has to serve EU policy, Blue Economy etc (sector specific information on the EMODnet offer, to complement the existing searchable user database)
- A living document, to address any emerging communication needs and trends in 2024.

EMODnet Open Sea Lab 4.0

EMODnet Secretariat

OSL 4.0 Overview and Key Dates

Overview:

- EMODnet Open Sea Lab 4.0 (OSL 4.0) is the fourth edition of the flagship EMODnet hackathon series. The event is designed to foster innovation and collaboration in the marine data community. This edition is focusing on EMODnet's key role in providing diverse FAIR *in situ* marine data to the European Digital Twin Ocean (DTO). The scope will once again be global, but we will aim for more stakeholder mapping and invite relevant organisations and projects to participate as teams.

Important Dates:

- **Mid-June 2024:** External promotion starts at the Digital Ocean Forum 2024 or right after
- **October 2024: Mentors and coaches' training** will take place in Brussels where they will be provided with guidance on using the hackathon platform, further their knowledge on the EDITO platform and get better acquainted with the Challenges. This will be followed back to back with the **hackathon kick-off event in Brussels**, which will be live-streamed. The warm-up sessions will help hackathon participants to get acquainted with the Challenges, meet their mentors and start forming teams (if they are not in teams already);
- **Early November 2024:** Online warm-up sessions
- **12-15 November 2024:** OSL 4.0 Hackathon, conducted as an online event, with an in-person hub in Ostend for the OLS 4.0 Team.
- **Jan-February 2025:** EMODnet Open Sea Lab 4.0 report produced and shared with the wider community, summarizing the key insights, outputs, and recommendations from the hackathon.

OSL 4.0: Discussion

Discussion on OSL 4.0, based on Concept Note

- Scope

- Societal Challenges for Hackathon

- **What We Need from Thematics and Data Ingestion**
  - **Help identifying key stakeholders / actors for targeted invitation** mid June 2024 onwards
  - **Promotion Support:** Help promote the event within your networks and through social media channels.
  - **Engagement and Participation:** Encourage marine professionals and organisations within your thematic areas to participate in the hackathon as teams.
  - **Mentorship and Coaching:** Provide expert mentors and coaches to guide hackathon participants through challenges and support them during the event.

COFFEE BREAK

EMODnet Use Cases

EMODnet Secretariat

EMODnet Use Cases
New Use cases 2024 in EMODnet use case database

Search options

EMODnet component

- Any -

Case Type

- Business/Private sector
- Government/Public administration
- Society (civil society, citizens, etc.)
- Research/Academia

Refine results

Clear all

Biology

10 Jan 2024

Facts and figures on the importance of UNESCO World Heritage Marine Sites for marine biodiversity

UNESCO and IUCN used EMODnet Biology data to compile an assessment on the status and trends of species within UNESCO World Heritage Sites.

SOCIETY (CIVIL SOCIETY, CITIZENS, ETC.)

Continue reading

unesco / IUCN
World Heritage
A unique contribution to biodiversity conservation

Chemistry

08 Apr 2024

Eutrophication climatology to decipher the consequences of climate change in the Adriatic Sea

As part of the AdriaClim project, researchers from the University of Bologna and the Euro-Mediterranean Center on Climate Change in Italy utilized EMODnet Chemistry data to create a detailed 3D biogeochemical model for the Adriatic Sea. Their analysis yielded insights into future biogeochemical changes driven by climate change, affecting marine ecosystems and key economic sectors like fisheries.
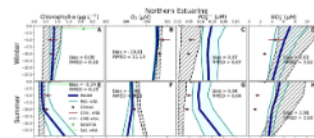
GOVERNMENT/PUBLIC ADMINISTRATION, RESEARCH/ACADEMIA

Bathymetry Chemistry Human Activities Physics Seabed Habitats

27 Mar 2024

EMODnet services underpin science-based, data-driven Maritime Spatial Planning and Marine Protected Area networks

The Horizon Europe MSP4Bio project used EMODnet multidisciplinary marine in situ data, including from Bathymetry, Biology and many other thematic data, to inform an Ecological-Socio-Economic (ESE) management framework used for science-based MSP to safeguard and restore biodiversity in a coherent European MPA network.
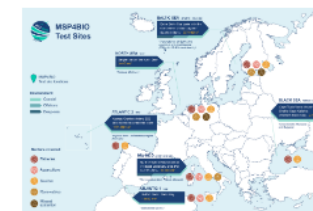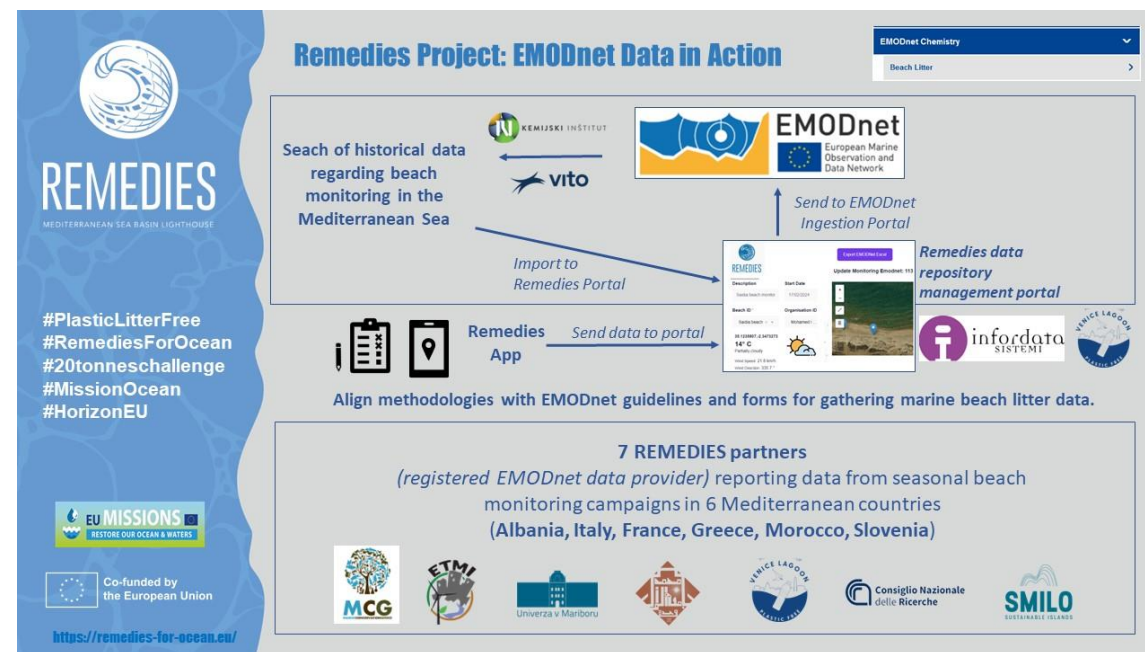
BUSINESS/PRIVATE SECTOR, RESEARCH/ACADEMIA

EMODnet Use Cases
Use cases in the pipeline

- **EMODnet Marine litter data used to develop and test the first Marine Litter Assessment Tool (EMODnet Chemistry)**

- **EMODnet Data in Action: Beach Litter Monitoring App and Venice Lagoon Plastic Free (REMEDIES PROJECT)**

EMODnet for Business

EMODnet Secretariat

EMODnet for Business

EMODnet Associated partnership: new members in 2024 so far

Renewable Grid Initiative (RGI)

- a **collaboration of NGOs and transmission system operators (TSOs)** promoting fair, transparent and sustainable grid development to **enable the growth of renewables** and achieve full decarbonization in line with the Paris Agreement.

- foster dialogue, contributing to the sustainability of renewable infrastructure, increase awareness about EMODnet and how to use it

Oceano VOX

- a start-up specializing in the acquisition of **environmental data** relying on participatory science and the Ocean IoT (Internet of Things). Oceano Vox is building the largest **network of ocean and climate sensors** in the world thanks to a low-carbon and highly competitive alternative.

- These data will be made available to EMODnet

Voice of the Ocean (VOTO)

- a foundation that conducts, supports, and promotes science and communication regarding the sea and its dynamic processes. VOTO continually **occupies several ocean observatories in the Baltic** Sea using autonomous surface and subsurface platforms.

- Existing links with EMODnet include supplying near real time and delayed mode data to EMODnet Physics via the ERDDAP server.

Terms of Reference of the Associated Partnership Scheme

V3, April 2024

Contents

Associated Partnership Criteria

EMODnet Associated Partnership is open and inclusive to all stakeholders from the marine, maritime and related sectors, including both public and private organizations, and including traditional and emerging blue economy sectors.

On application, EMODnet APs should demonstrate willingness to:

- Strengthen cooperation with EMODnet, e.g., in terms of data sharing and provision, using EMODnet data, data products, or expert advice e.g. in best practices and related services/research.
- Actively support and implement the core principles of EMODnet and to act as an ambassador for EMODnet, promoting it on their organisation website and to their stakeholder networks;
- Actively contribute to EMODnet requests for community feedback on EMODnet user needs and requirements e.g. online surveys, targeted assessments;
- Actively take part, where possible and relevant, in EMODnet events e.g. Open Conference, Open Sea Lab, with willingness to explore opportunities for joint activities e.g. demonstrations, training etc.

Associated Partners do not have to be based in Europe, but must be able to demonstrate some link with Europe (e.g. activities in Europe, collaborations with European organisations, collecting/holding data from European seas, etc). Both individual organizations, associations and/or networks can apply.

As of April 2024, it is mandated that any organization elevated to the status of a subcontractor or full partner within EMODnet must forfeit its Associated Partnership designation. Whilst this may result in a reduction or neutral expansion of the EMODnet AP network, it is seen as a positive development when an EMODnet AP moves to a closer partnership as a subcontractor or full partner.

EMODnet for Business

EMODnet for Business events 2024

- **Each year EMODnet organises a dedicated EMODnet for Business event, targeted at a Blue Economy sector (Aquacultuire, ORE, coastal tourism)**
- **2024 workshop will focus on Boating, Marinas and Ports :** bring together key actors from the recreational boating and maritime shipping communities together with ports and marinas (private and public) stakeholders together with EMODnet marine data experts
- **As a pan-EMODnet event, the Secretariat invites participation (and demonstrations of the EMODnet offer) by EMODnet thematics, and Data Ingestion for dialogues on data sharing.**
- **Timeline**
  - **April-May 2024:** mapping of **key stakeholders** and explore opportunities with key European and International networks e.g., European Boating Industry, World Ocean Council (WCO), TransEurope Marinas.
  - **June 2024:** An **initial meeting (MS1.18) with EMODnet's Secretariat, DG MARE, CINEA and key representatives** of the Blue Economy sector in question. The meeting would present the EMODnet offer and would discuss preparations for an EMODnet for Business event in Autumn 2024, including the high-level agenda including speakers, a date/time and venue/location (if applicable) for the workshop.
  - **End June – early July 2024:** A date/time would be fixed for the workshop for late September – October 2024, **opening of registration and targeted invitations** would go out to speakers and invited participants, together with a high-level agenda.
  - **June-August 2024:** Actively contact relevant stakeholders who are invited to participate to develop use cases of how they already use EMODnet. Some of these would present at the workshop, and all use cases prepared before and after the workshop would be made available in the EMODnet Portal use case database;
  - **End September – October 2024**: **The EMODnet for Business 2024 event (MS1.19) takes place**, with the workshop moderator being a member of the co-organisers e.g., EMODnet Secretariat, DG MARE, Blue Economy sector, with 1-2 rapporteurs being provided to capture key points for a short report, to be produced within 2 months after the event, made available on the EMODnet Portal and EC Maritime Forum and communicated via the EMODnet Portal, EMODnet News Digest and social media;

EMODnet for Business
EMODnet for Business events 2024

- **Expected outputs of the 2024 EMODnet for Business event:**
  - A short report of the key outcomes of the workshops would be produced and would be made available on the EC Maritime Forum and on the EMODnet Portal, also promoted through the EMODnet News Digest;

  - Recommendations (in the report) of sector-specific data requirements (also at regional sea-basin level) for how the EMODnet service could evolve;

  - New EMODnet use cases demonstrating the value of EMODnet data/data products to Blue Economy sectors;

  - New EMODnet Associated Partners and wider stakeholders engaged in the EMODnet community as EMODnet service users, contributors of data, engaged also via the EMODnet News Digest.

EMODnet EU Partnerships

EMODnet Secretariat

EMODnet EU Partnerships

De-brief from open session and ongoing EU partnerships

European In Situ Marine Data Service Landscape

Marine knowledge underpins scientific research, EU environmental policy implementation, Blue economy operations, ocean management and conservation, and more. The foundation of marine knowledge is high-quality ocean observations, with observations falling into two distinct categories, those taken by **satellites (remote sensing)**[1] and those sampled through **in situ**[2] technology (direct measurements in the environment).

EMODnet EU Partnerships

De-brief from open session and ongoing EU partnerships
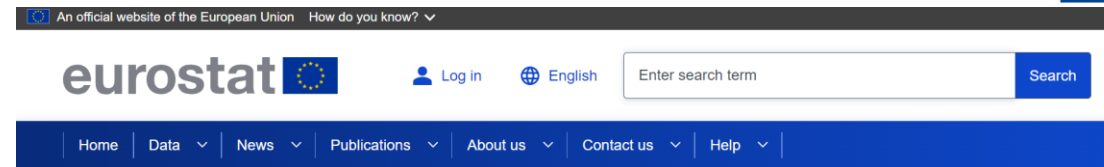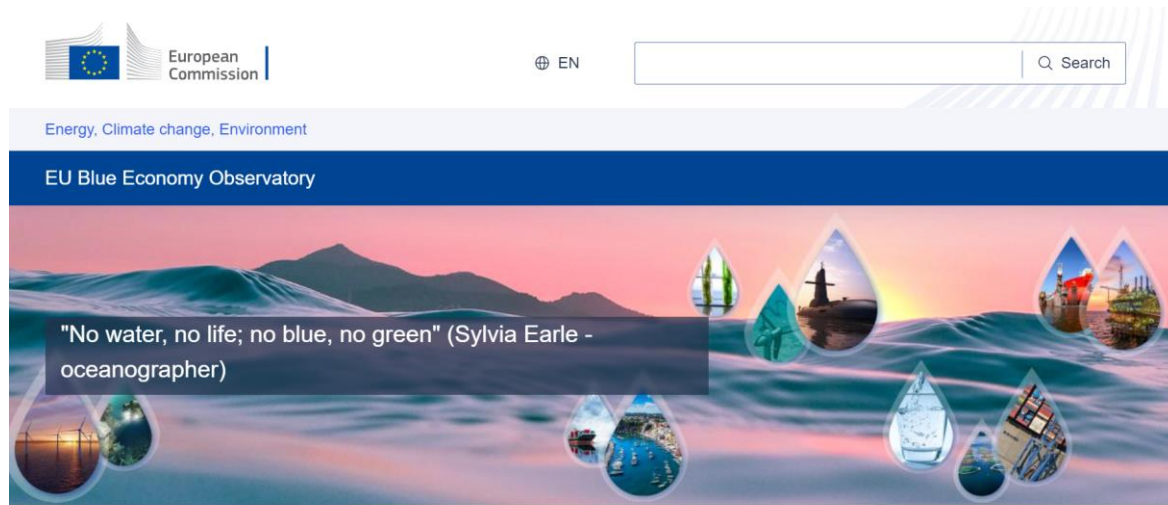
EMODnet - Eurostat:
- EMODnet Secretariat – Eurostat dialogue, February 2024
- MARE-GISCO meeting March 2024

EMODnet, European Blue Economy Observatory and EEA
Joint workshop at European Maritime Day 2024, 31at May 11:15-14:45, Svendborg, Denmark

EMODnet EU Partnerships

Regional Sea Conventions

- EMODnet has multiple channels of communication with RSCs
- EMODnet Secretariat WP5 includes study on regional coordination of ocean observation and data: interviews with RSCs
- Status update of common document on Thematic and Data ingestion interactions with Regional Sea Conventions:
https://docs.google.com/spreadsheets/d/1DlcgVdcvFd8tQ_5eG14JRIOLNhedw2VK_P5hY2Zwnoo/edit#gid=0

Theme	Biology			
			RSC	
Question	OSPAR	HELCOM	UNEP-MAP (Barcelona Convention)	BSC (Black Sea Convention)
your Phase IV contract? (Nov 2022)	Y	Y	Y	N
update on contact with RSC, April 2024	Y	Y	Y	Y
What were the topic(s) of discussion? (Nov 2022)	are from data preparatory	potential data	and products was shared within a	the same biology data
update on topics of discussion, April 2024				
dataset, product, …) (Nov 2022)	distributions	individual datasets		
April 2024	- We have planned and hosted a workshop with the RSC in April 18th- We have drafted and published informative mate			
dialogues with the RSC(s)? (Nov 2022)	habitats and need of their	seabed habitats and	Chemistry, UNEP MAP has used	
collaboration/dialogue per RSC, April 2024	N	N	N	N
with the RSC(s)? (Nov 2022)	on data services (preparation	a questionnaire to	been proposed to raise	Understanding concluded
the RSCs planned between May-December 2024?	N	N	N	N
regional assessment? (Nov 2022)	the assessment (QSR2023)	used in assessments	no	Black Sea State of
assessment/quality status report in 2023 or 2024				
Ingestion attend meetings of the RSCs (for each	Y	Y	Y	Y
partners are directly involved in RSC WGs/meetings?	ICES, IEO, ILVO, IPMA, MBA,	ICES, INRAE, SMHI,	Deltares, OGS	NIMRD
ingestion meetings with RSCs in 2024? (yes/no/don't	(2) collecting information on how we can support Region Sea Conventions activities related with environmental status			

EMODnet EU Partnerships

European projects and initiatives: EMODnet representation and relevance

- EMODnet webinar on 28th February 2024 brought together many EU Horizon Europe and Mission Ocean projects providing guidance on data management, submission and ingestion into EMODnet (with guidance document output);
- There are many EU projects directly related to EMODnet and the European *in situ* marine data pipeline for which more strategic interaction could be useful e.g., AMRIT;

Open Discussion, ALL

European Atlas of The Seas: EMODnet offer

Tim Collart & Nathalie Van Isacker, EMODnet Secretariat

30 April 2024

The European Atlas of the Seas

Powered by EMODnet

- 50% of maps in the Atlas provided by EMODnet
- EMODnet maps from across the thematics

Atlas maps by data provider

- DG MARE: 33
- Others: 21
- H2020 Atlas: 13
- JRC: 10
- EEA: 9
- Copernicus: 5
- EMSA: 3
- Atlasgeographics: 1
- eurostat: 43
- EMODnet: 134
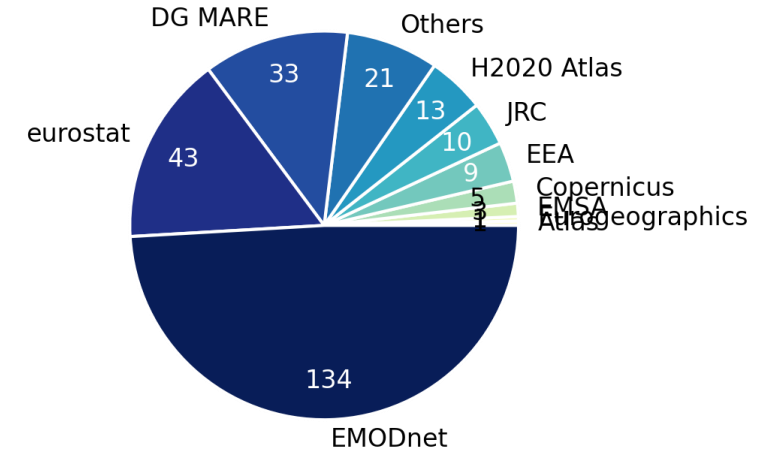
Atlas maps provided by EMODnet by thematic
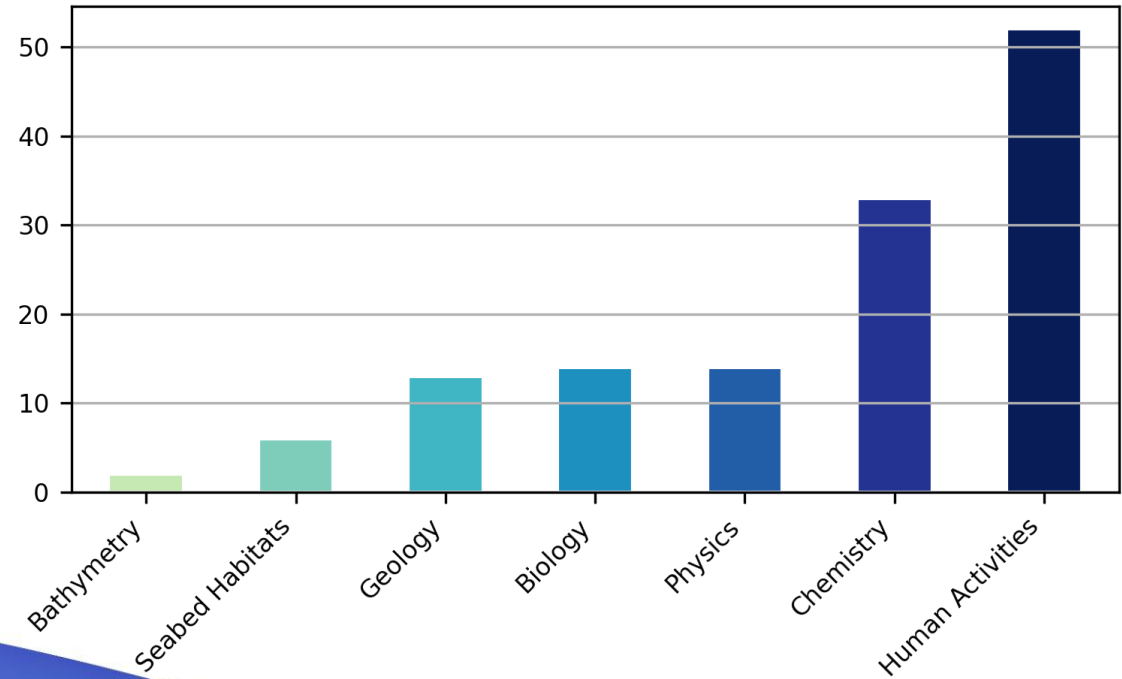
- Bathymetry
- Seabed Habitats
- Geology
- Biology
- Physics
- Chemistry
- Human Activities

The European Atlas of the Seas

Promotes EMODnet

- 50% of maps in the Atlas provided by EMODnet
- EMODnet maps from across the thematics
- EMODnet maps were loaded 41k times in 2023

Number of maps loaded by data provider in 2023

Others 10035
DG MARE 7596
Eurogeographics eurostat 7534
6550
EEA 5316
Copernicus 3360
EMSA 2680
Atlas / H2020 Atlas 584
JRC 15523
EMODnet 41241
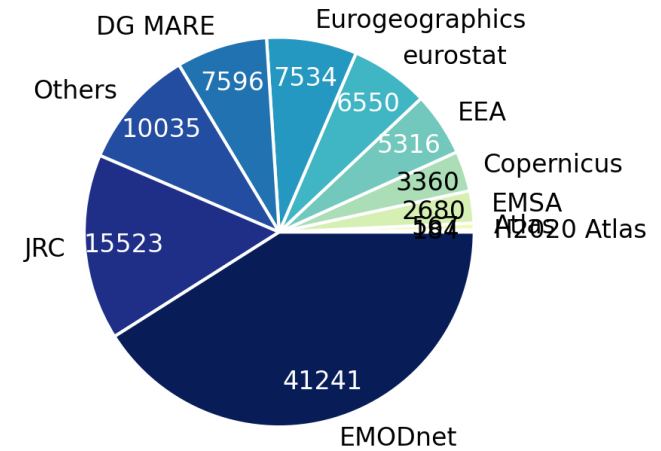
Number of EMODnet maps loaded by thematic in 2023
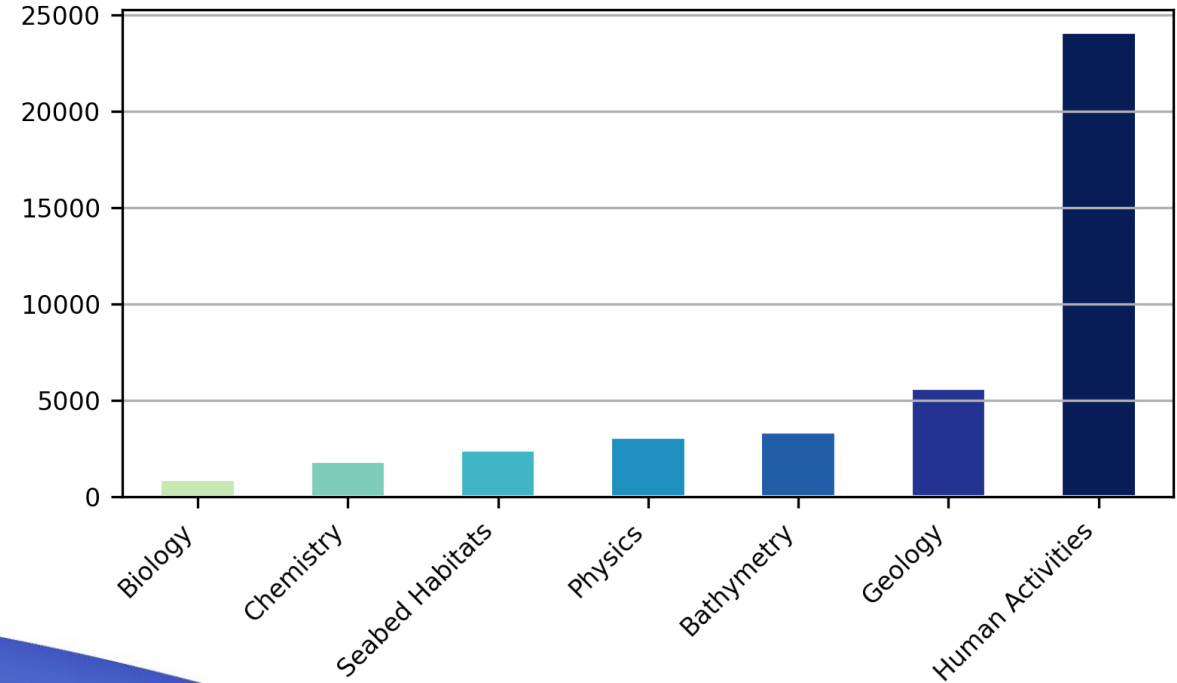
Biology, Chemistry, Seabed Habitats, Physics, Bathymetry, Geology, Human Activities

The European Atlas of the Seas
Promotes EMODnet

- 50% of maps in the Atlas provided by EMODnet
- EMODnet maps from across the thematics
- EMODnet maps were loaded 41k times in 2023
- Nine of the 20 most loaded layers in the Atlas (in 2023) are from EMODnet

Map	Data Provider	EMODnet Thematic	No of times loaded	% of times loaded
Ferry routes	Eurogeographics		7534	7%
Country borders	JRC		6442	6%
Exclusive Economic Zone	**EMODnet**	**Human Activities**	**4678**	**5%**
Locations of wind farms	**EMODnet**	**Human Activities**	**4454**	**4%**
Rivers and lakes	JRC		4016	4%
Mission Actions - EU Mission Restore our Ocean and Waters	DG MARE		3512	3%
River basins	JRC		3081	3%
Major oil spill incidents	EMSA		2284	2%
Coastline	EEA		2076	2%
Locations of wind farms (polygons)	**EMODnet**	**Human Activities**	**2054**	**2%**
Mean underwater depth	**EMODnet**	**Bathymetry**	**1736**	**2%**
Macroalgae production facilities	**EMODnet**	**Human Activities**	**1725**	**2%**
Submarine volcanoes	**EMODnet**	**Geology**	**1720**	**2%**
Underwater depth contours	**EMODnet**	**Bathymetry**	**1618**	**2%**
Global mean sea level regional trend	Copernicus		1528	2%
Network of European Blue Schools	DG MARE		1296	1%
Aquaculture production	eurostat		1292	1%
Posidonia oceanica distribution (seagrass species)	**EMODnet**	**Seabed Habitats**	**1283**	**1%**
Coastal geology	EEA		1250	1%
Microalgae production facilities	**EMODnet**	**Human Activities**	**1232**	**1%**
Others			46675	46%

The European Atlas of the Seas
Promotes EMODnet

- 50% of maps in the Atlas provided by EMODnet
- EMODnet maps from across the thematics
- EMODnet maps were loaded 36.5k times in 2023
- Nine of the 20 most loaded layers in the Atlas (in 2023) are from EMODnet
- Plans to make EMODnet data easier to find from the Atlas
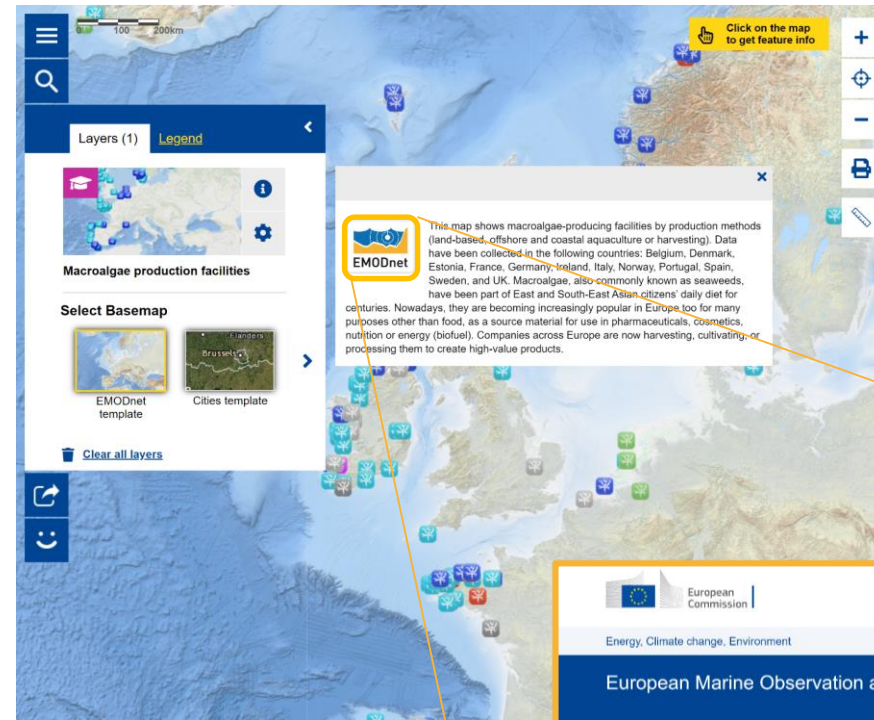
The European Atlas of the Seas at events & workshops

Credit: EMODnet Secretariat
Credit: EMODnet Secretariat
Credit: EU4Ocean Coalition
Credit: EU4Ocean Coalition
Credit: EU4Ocean Coalition
Credit: EU4Ocean Coalition

Ocean Literacy in Action, EU4Ocean Coalition, 8 March 2024

EU4OCEAN SPOW –
PLASTIC POLLUTION AND WORKING WITH OCEAN TECHNOLOGY

March 11th, 2024

SPOW: Science Projects Online Workshops

De Plataan primary school, 11 March 2024

European Youth Week, 12 April 2024

The European Atlas of the Seas
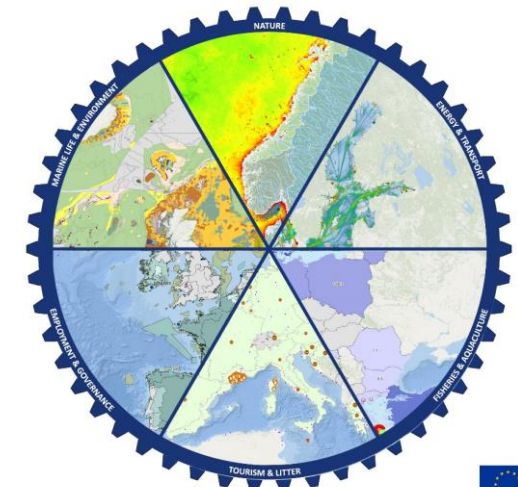
European Atlas of the Seas' resources and publications

European Atlas of the Seas
@EuropeAtlasSeas

With the #MapOfTheWeek, learn about the upcoming European #Ocean Days events & actions pledged by the signatories of the #MissionOcean Charter!

Can you find @EMODnet 's pledged action on the #map?

maritime-forum.ec.europa.eu/map-week-europ...

#OceanLiteracy #EU4Ocean #SDGs #BluePlanet

EU Maritime & Fish and 9 others

6:53 pm · 1 Mar 2024 · **980** Views

View post engagements

European Atlas of the Seas

Monthly dive into the European Atlas of the Seas

A new video tutorial has been released on the Atlas' measure tool which shows how users can measure distances and estimate surface areas in the Atlas as well as see the geographical coordinates for any location on a map. A great help to resolve the geo-caching game, treasure hunt and boat races in the Teachers Corner! In February, four 'Maps of the Week' were published on the Maritime Forum and the EMODnet website: 'World Wetlands Day, Rivers and Marine Natura 2000 sites', 'Marine habitats and bio-diversity conservation', 'Plastic Pollution and Seabed Litter' and 'Ensuring Sustainability in Fisheries'.

more

GENERAL PUBLICATIONS | 28 March 2024

Download the Atlas' Quiz on Marine Litter

Wish to know more about pollution on beaches and in the ocean?

1. Open the presentation in slide show mode. On the second page, click on the answer.

2. Not correct ? Click on "Let's try again"! You see a map? Well done!

3. Looking for further information? Click on the hyperlink below the map. To continue, move to the next slide.
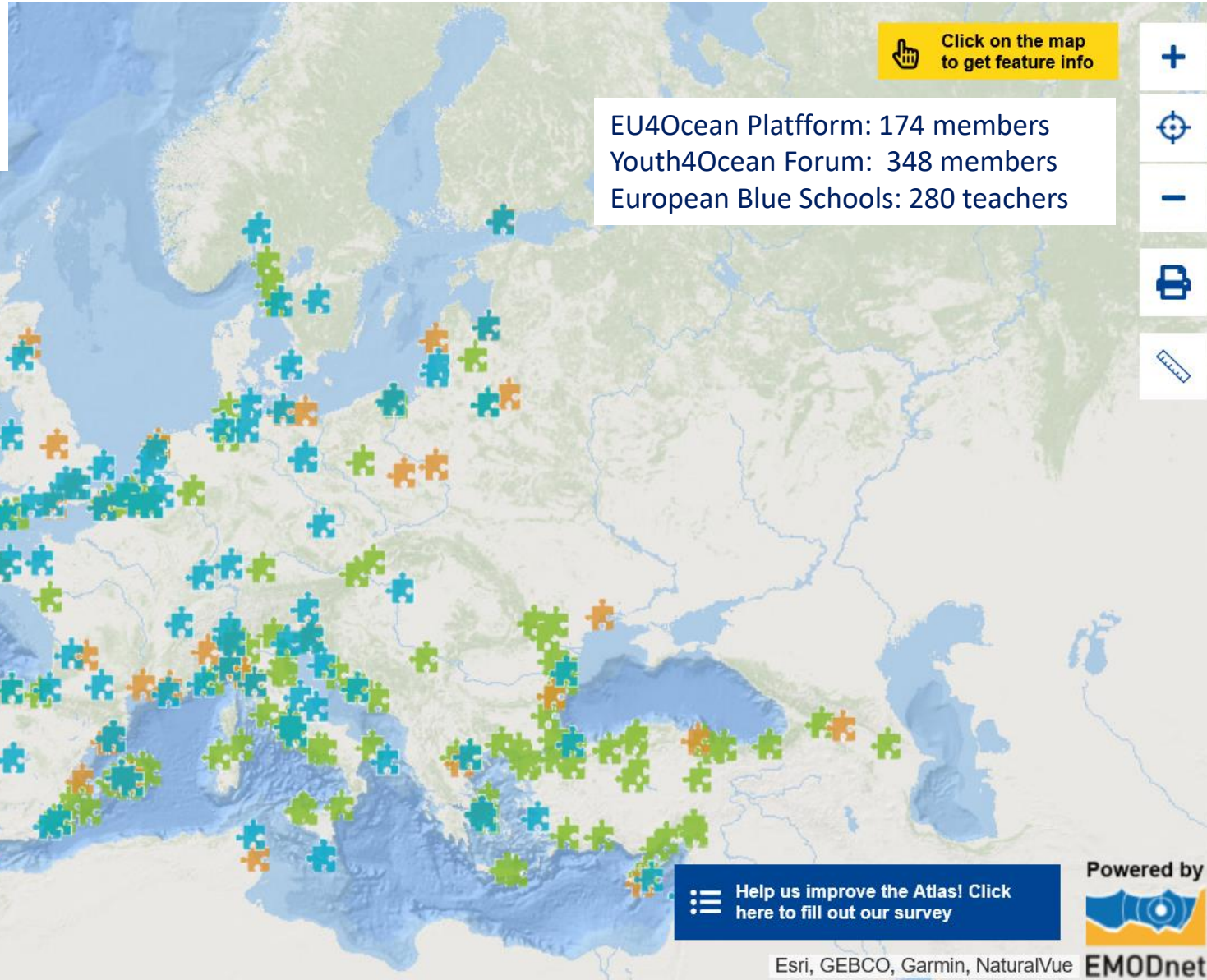
English (45.89 MB - PPTX)

Download

Atlas Teachers' Corner
European Atlas of the Seas

Social media outreach: 2,887 followers

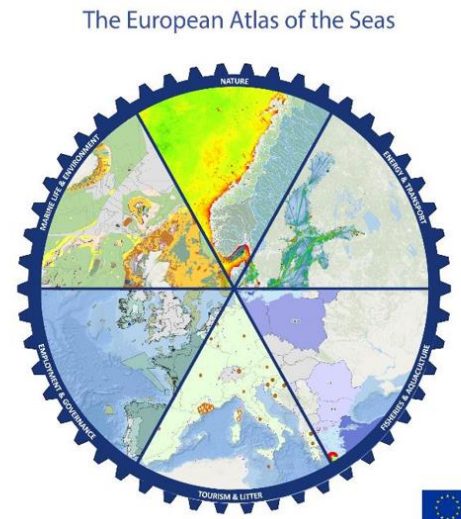# Great synergies with the EU4Ocean Coalition - #MakeEUBlue

Connecting to OceanICU – Understanding Ocean Carbon

WP8 Connecting OceanICU to Society
- New content for the Atlas
- New users of the Atlas: researchers, policy-makers, schools, youth

External events

EMODnet Secretariat, ALL

External events

- Shared events list: https://docs.google.com/document/d/1jw1Uz0GBKrp7-2swTgEBxaKg7mlO-ruj6sL1r7eZN3g/edit#heading=h.hkk73yssweqo

Upcoming events

May 2024:
- Geospatial World Forum
- MSFD WG DIKE / TG Data
- IMDIS 2024
- Digital skills summit
- EMD 2024

June 2024:
- Copernicus Marine Service GA 2024; OceanHack4EU Copernicus Hackathon
- Ecopath 40 years Conference
- DOF 2024

September 2024:
- ICES 2024
- Other

Next SC

EMODnet Secretariat, ALL

Closing day 2

DG MARE, EMODnet Secretariat

emodnet.ec.europa.eu

Stay up-to-date with
the latest news