

MAKING SENSE OF THE OCEAN: FROM OBSERVATION TO ACTIONABLE KNOWLEDGE



Ocean Literacy & Citizen Science

European Atlas of the Seas

Tim Collart



PROGRAMME OF THE
EUROPEAN UNION



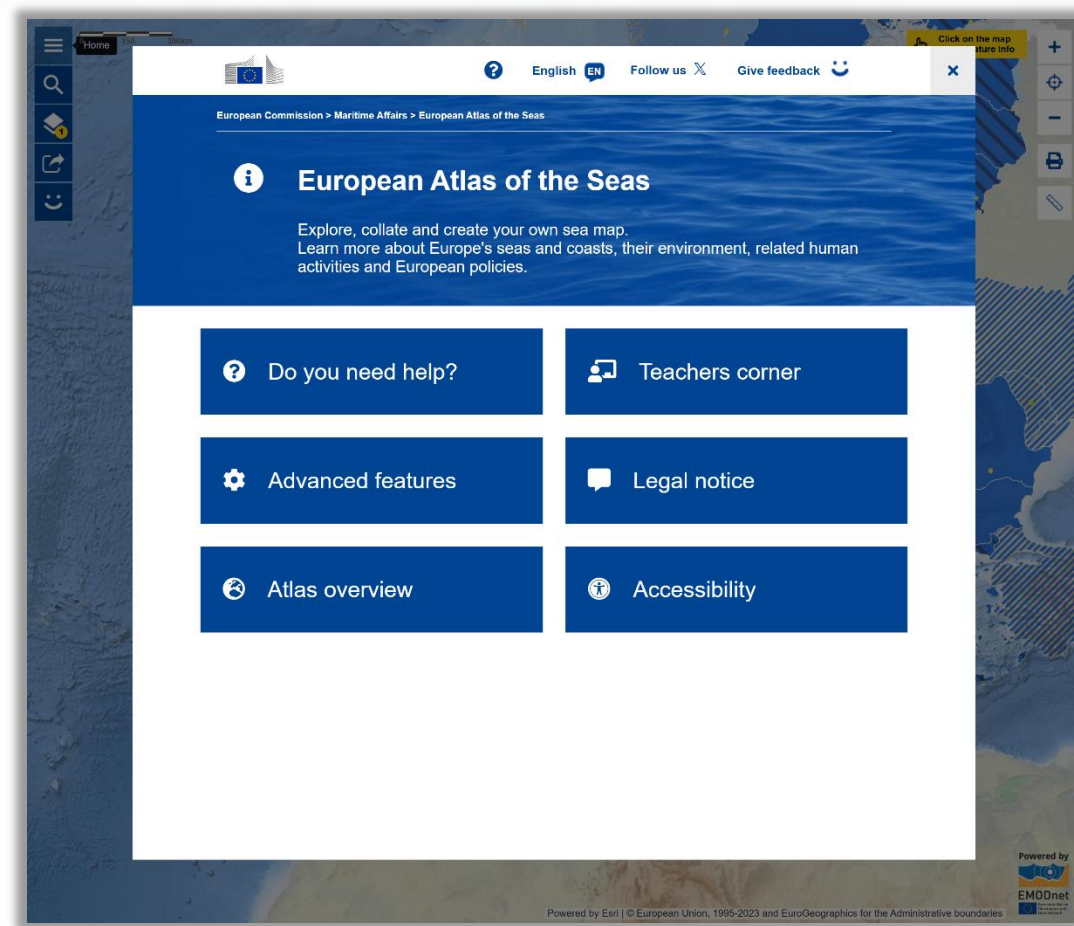
In collaboration with
the UN OD Data
Coordination Office



European Atlas of the Seas

What is the Atlas?

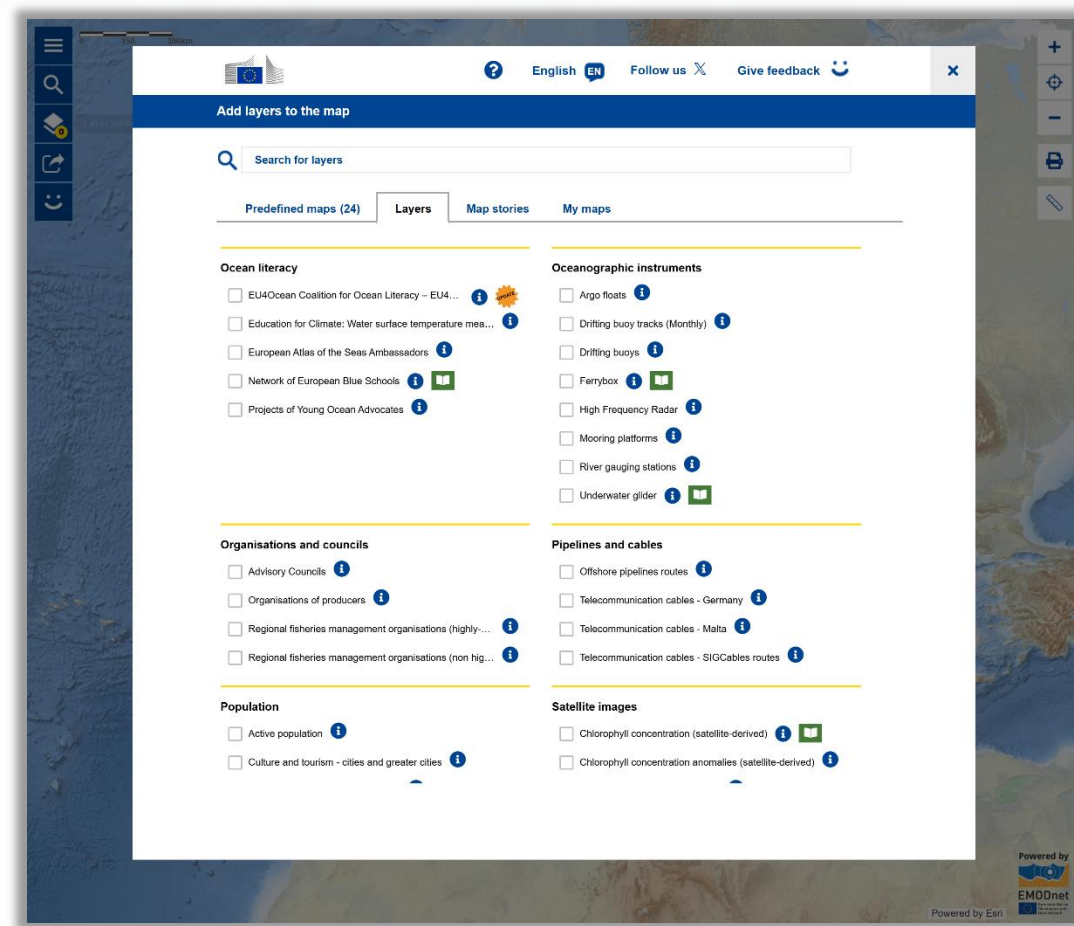
- Web application providing map layers and information on a wide range of marine topics
- Content and features tailored to the public, students and teachers
- Provided by DG MARE, administered by the EMODnet Secretariat



European Atlas of the Seas

Catalogue of marine information

- +275 Interactive map layers on a wide range of marine topics



European Atlas of the Seas

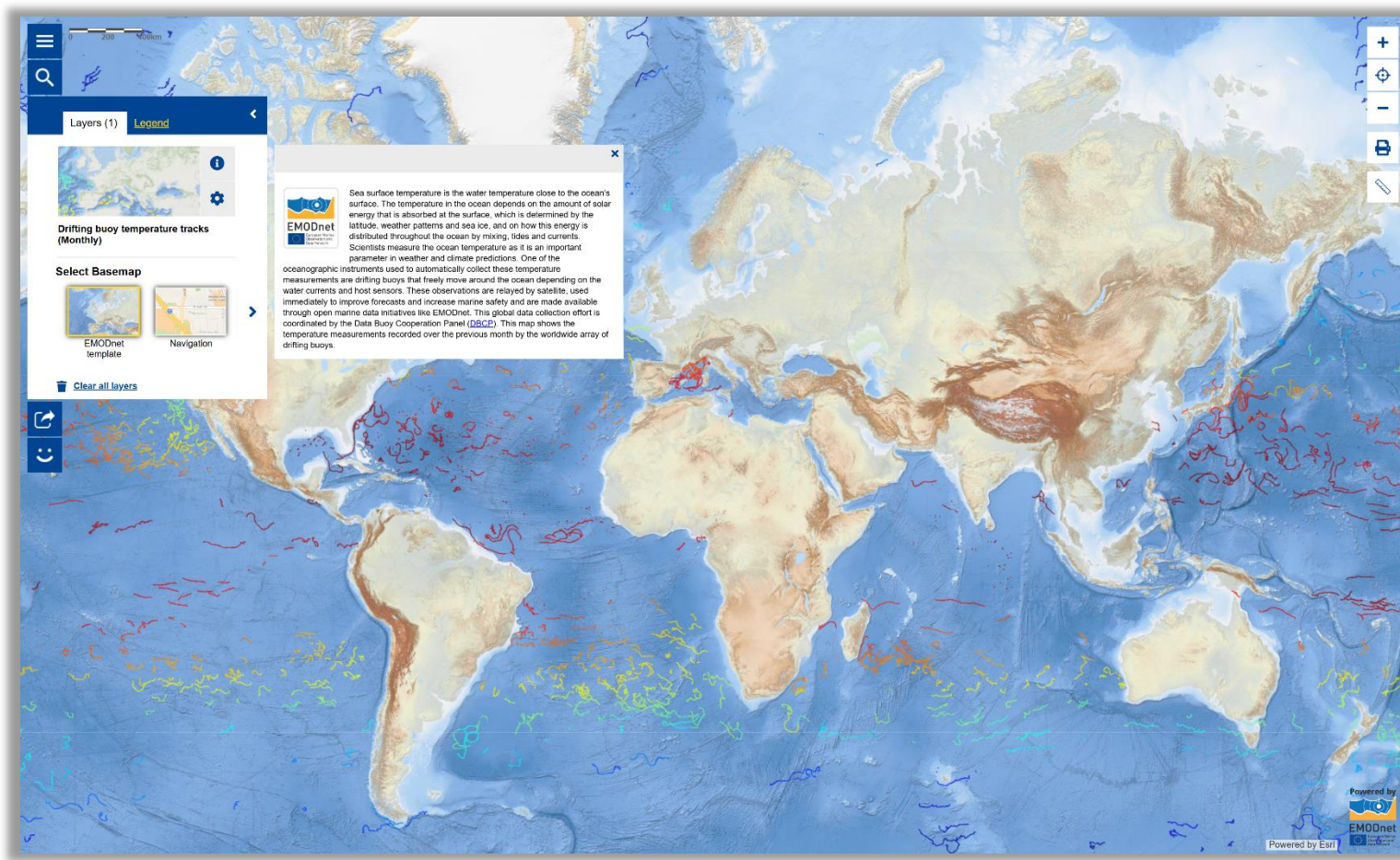
Catalogue of marine information

- +275 Interactive map layers on a wide range of marine topics
- Data from over 20 European and international providers



European Atlas of the Seas

Catalogue of marine information



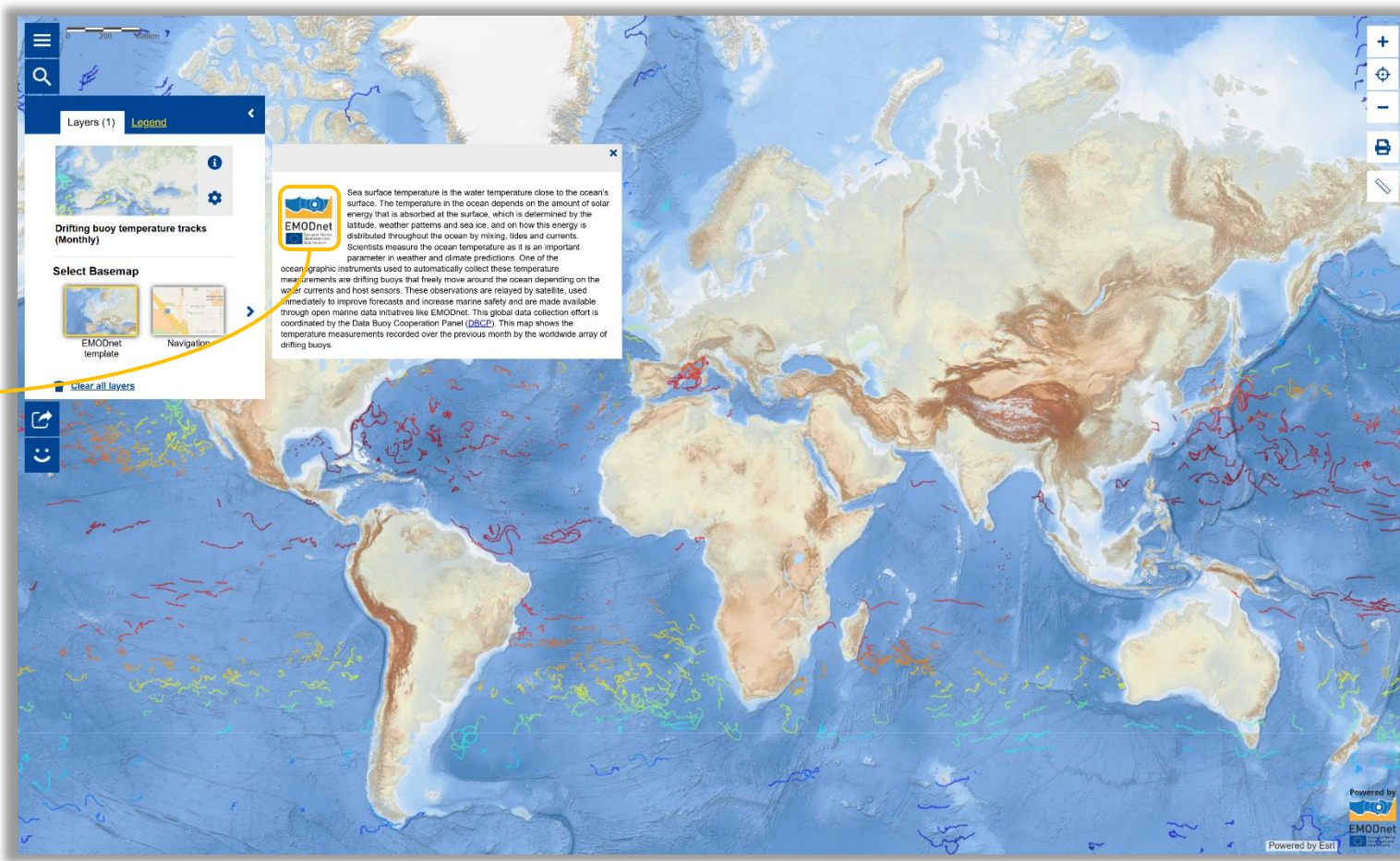
#EUdata4OceanDecade

DATA FOR THE
UN OCEAN DECADE
A EUROPEAN FOCUS

European Atlas of the Seas

Catalogue of marine information

Link to provider
for data access

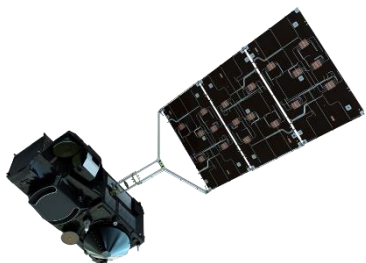
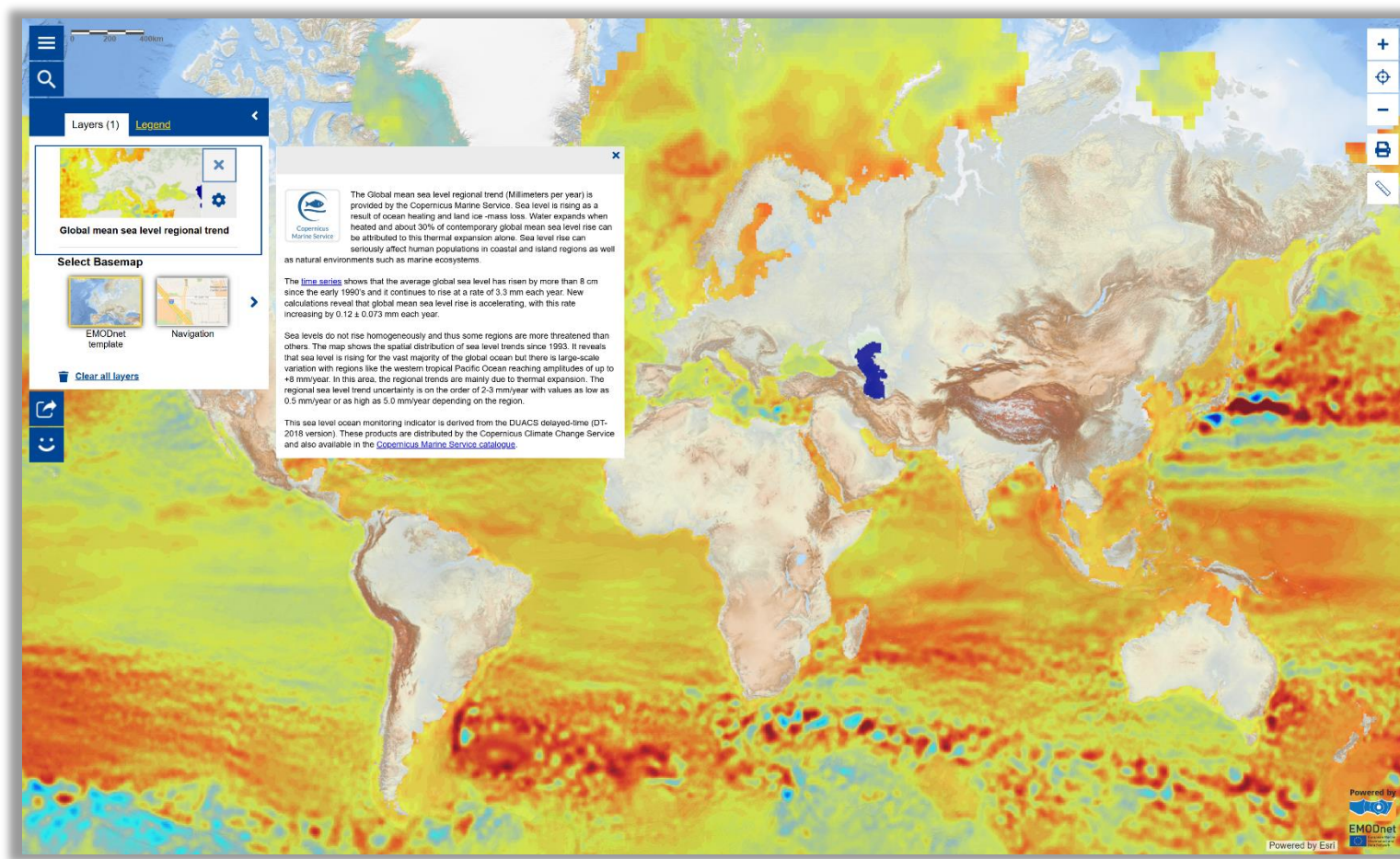


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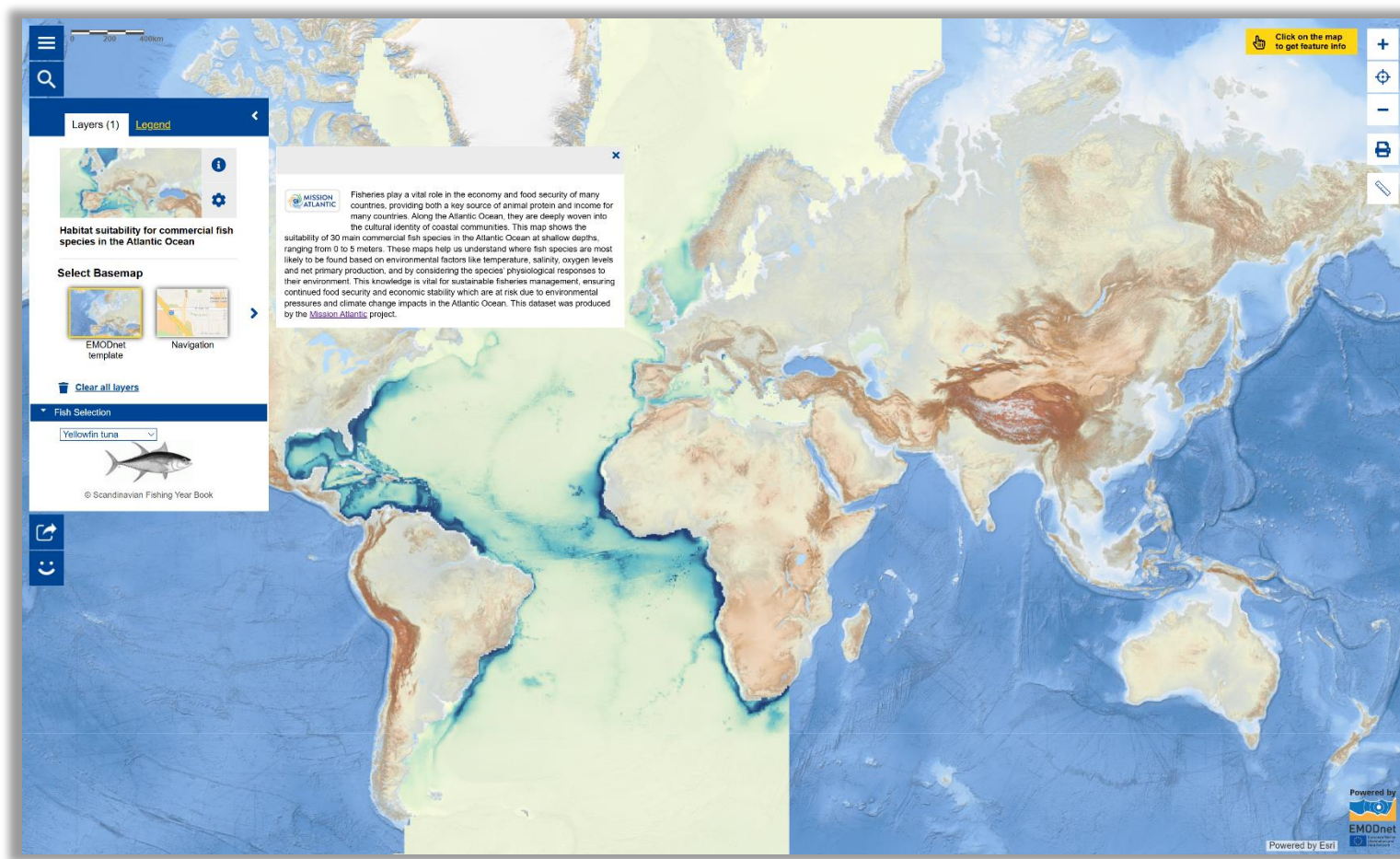


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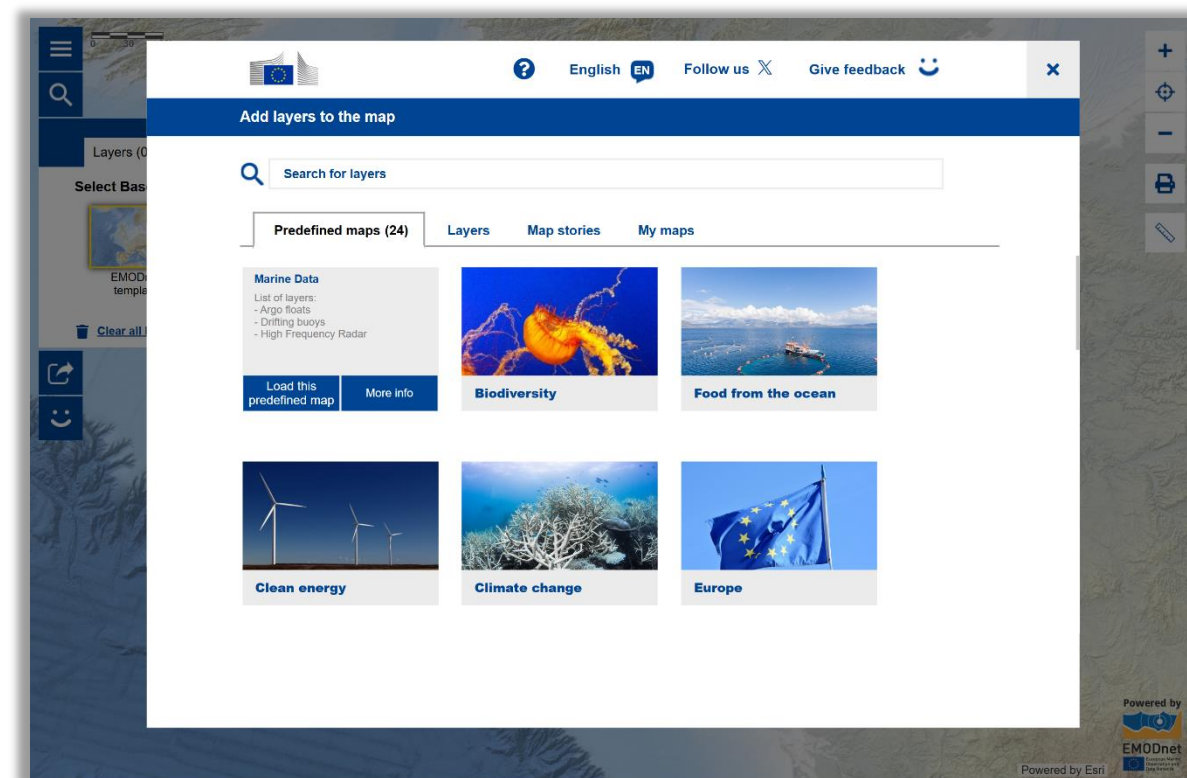
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European Atlas of the Seas

Content tailored to the public, students and teachers

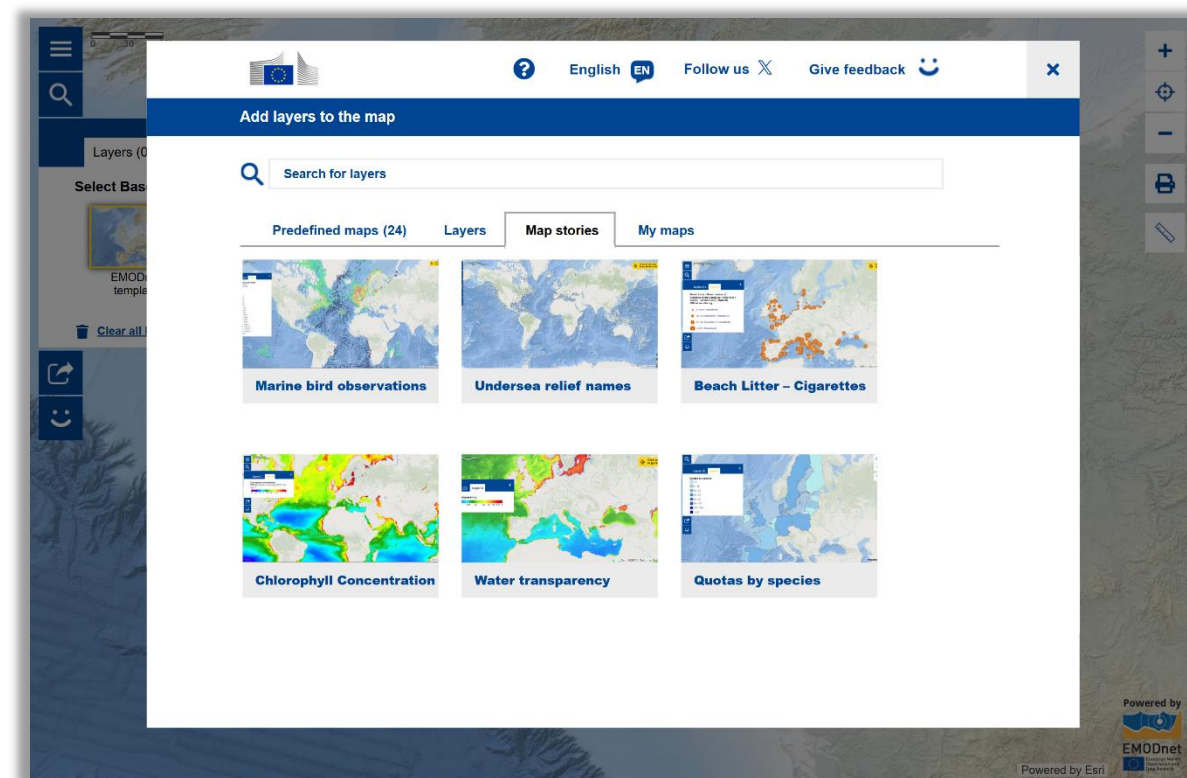
- Map information in layman's terms
 - Map descriptions
 - Predefined maps



European Atlas of the Seas

Content tailored to the public, students and teachers

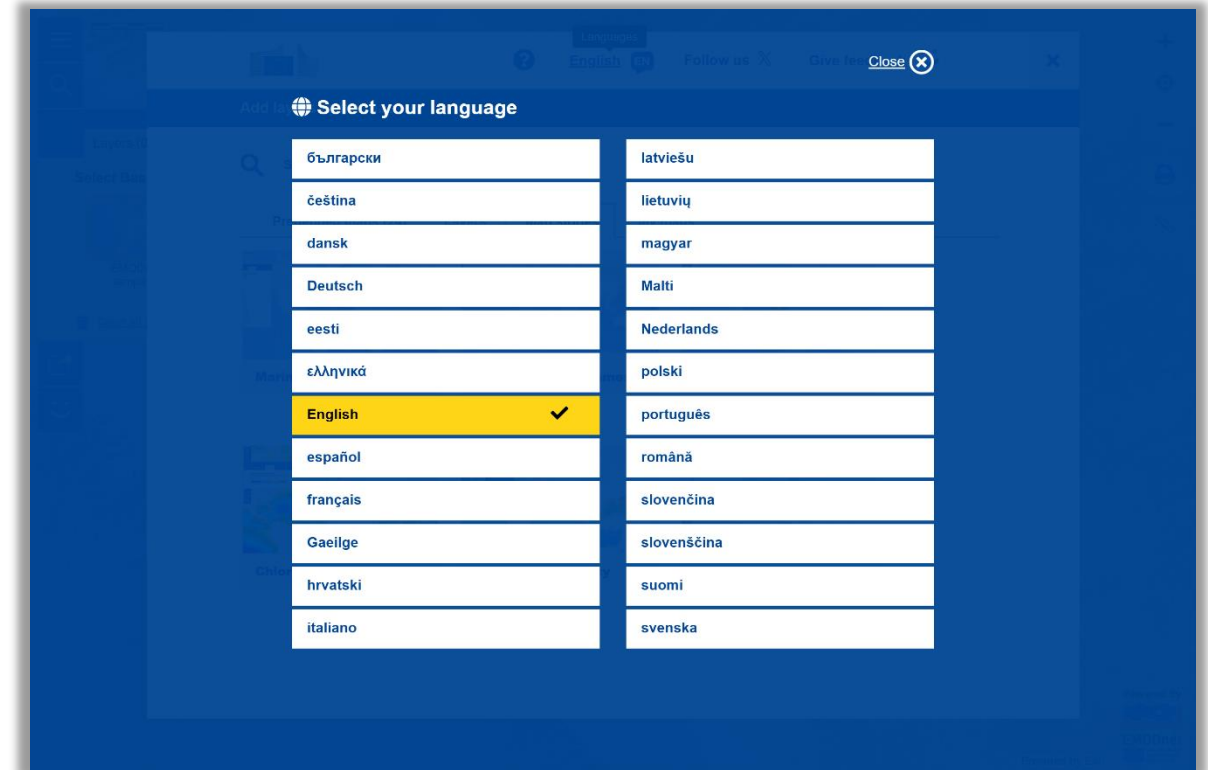
- Map information in layman's terms
 - Map descriptions
 - Predefined maps
 - Map stories



European Atlas of the Seas

Content tailored to the public, students and teachers

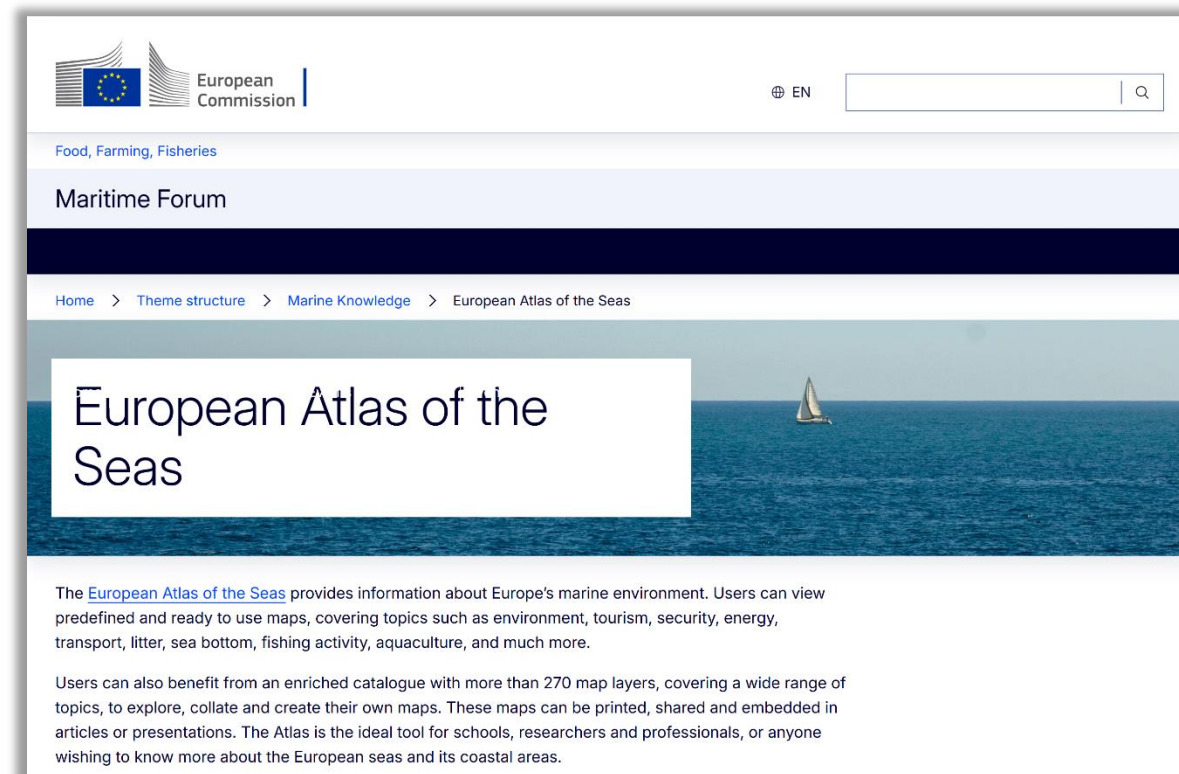
- Map information in layman's terms
 - Map descriptions
 - Predefined maps
 - Map stories
 - Available in the 24 EU languages



European Atlas of the Seas

Content tailored to the public, students and teachers

- Map information in layman's terms
- Atlas Community
 - Map of the week
 - Articles on new releases or activities



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Latest Maps of the Week

Map of the Week – EU Mission Ocean and Waters and Mission Actions

This map shows the pledged Mission Actions across and beyond Europe in the framework of the European Union (EU) Mission Ocean and Waters. This map has recently been updated.

Map of the Week – Marine Litter and World Cleanup Day

This map shows seabed litter proportions by categories (e.g. textiles, artificial polymers, metal) in Europe.

Map of the Week – Commercial fish habitat suitability in the Atlantic Ocean

This map shows the habitat suitability of 30 commercial fish species in the Atlantic Ocean at shallow depth, contributing to crucial knowledge for sustainable fisheries management.

Map of the Week – New European Blue Schools Map for the New School Year!

This map shows schools that are a member of the Network of European Blue Schools, one of three communities under the EU4Ocean Coalition for ocean literacy.

Map of the Week – Citizen science initiatives

This map shows the outcome of the challenge 'Be a scientist! Mapping climate change at seas & waterways' launched by the Education for Climate Coalition and the European Atlas of the Seas.

Map of the Week – Youth and the Ocean

This map shows projects of Young Ocean Advocates in Europe, aged 16 to 30 years old, whose projects have been accredited by the European Commission, as making a meaningful and lasting change for the ocean.

[See all →](#)



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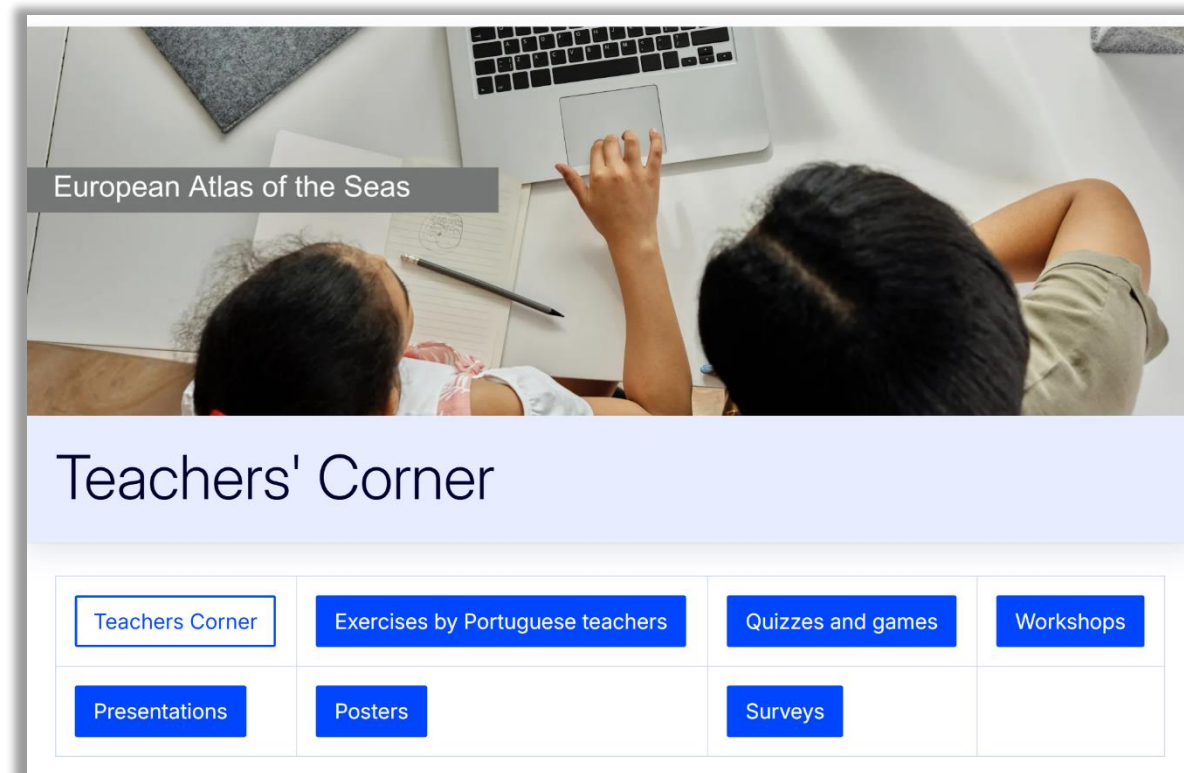
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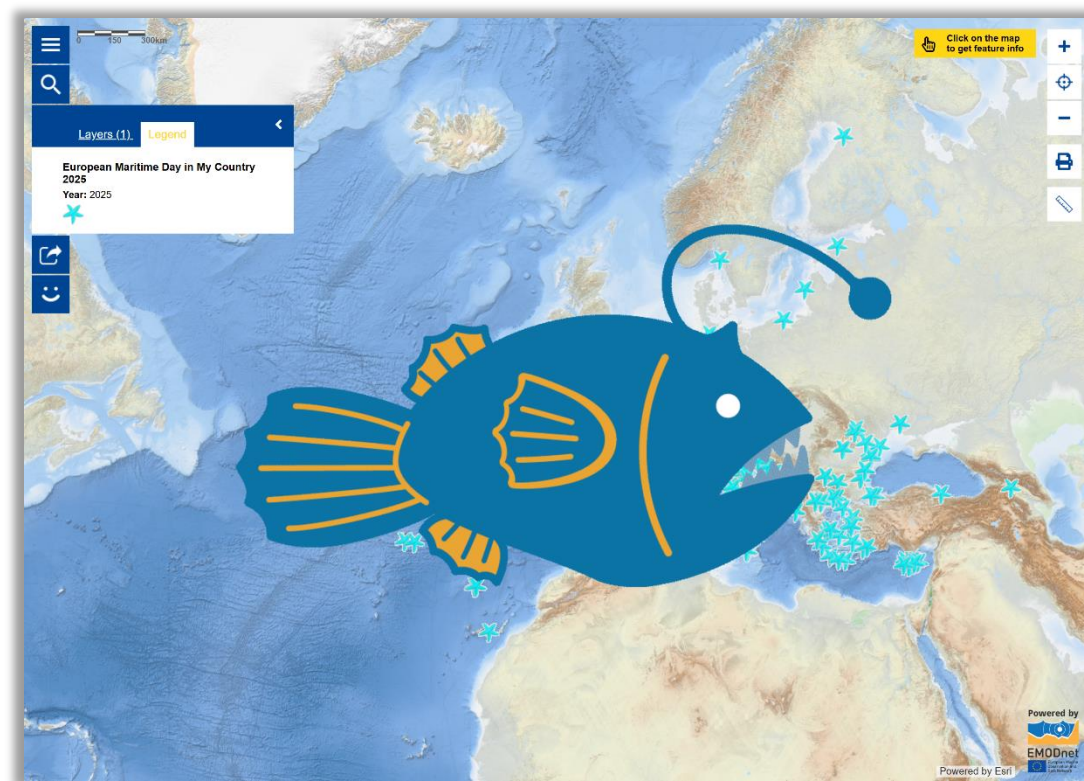
- Map information in layman's terms
- Atlas Community
- Teachers' Corner
 - Exercises with maps
 - Quizzes & Games
 - Workshops
 - Presentations & Posters



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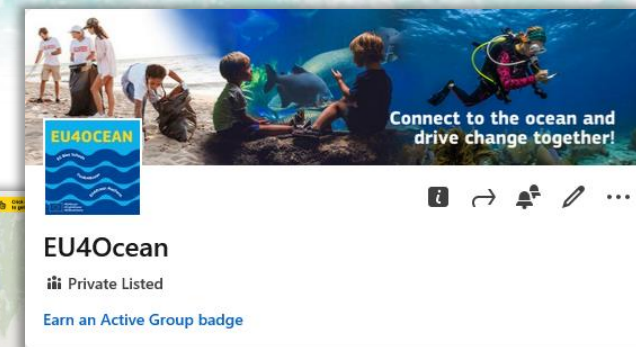
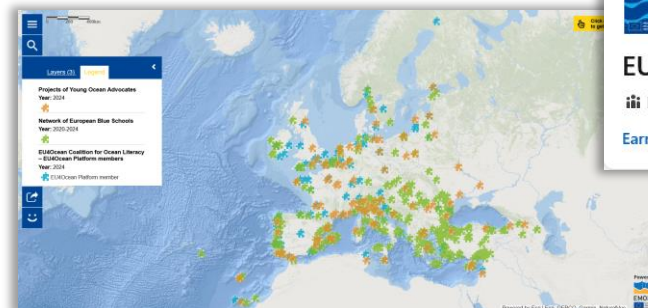
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European Atlas of the Seas

Content tailored to the public, students and teachers

- Map information in layman's terms
- Atlas Community
- Teachers' Corner
- Outreach
 - Collaboration with Ocean Literacy initiatives (e.g. EU4Ocean coalition)
 - Presentation at Ocean Literacy events
 - Workshops with teachers & students



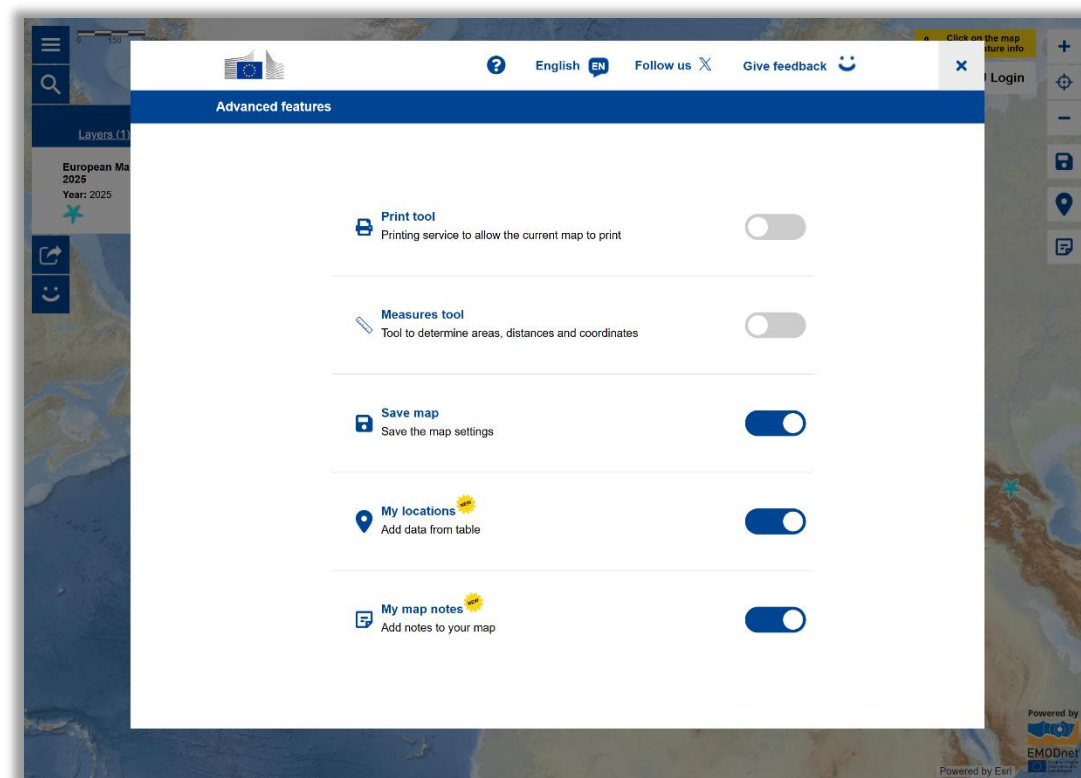
THE EUROPEAN ATLAS OF THE SEAS
ONLINE WORKSHOP FOR TEACHERS 4 DECEMBER 2024

- More than 30 participants
- Registration from 19 countries across Europe and beyond
- Teachers from all grade levels
 - Primary
 - Secondary
 - Higher education
 - Non formal
 - Vocational
- 73 % were new users
- 1/3 of participants engaged in the practical exercise

www.european-atlas-of-the-seas.eu

European Atlas of the Seas

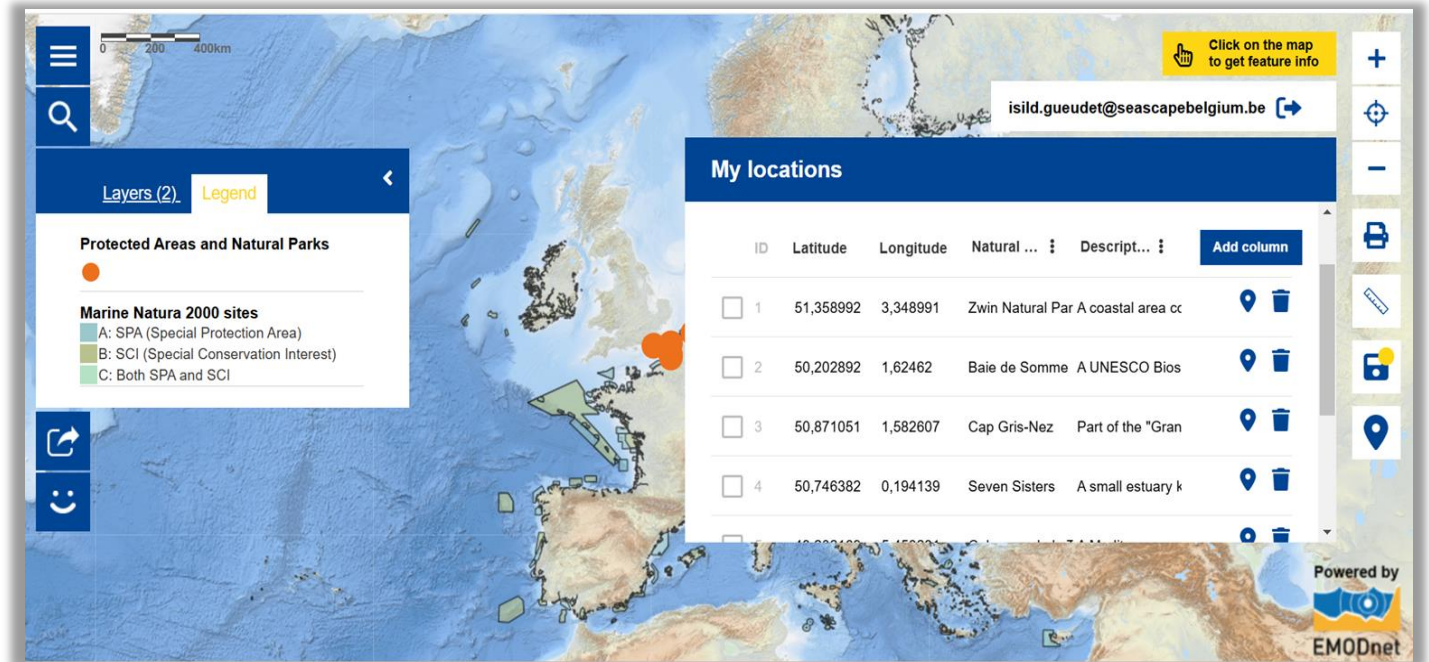
Interactive features requested by teachers



European Atlas of the Seas

Interactive features requested by teachers

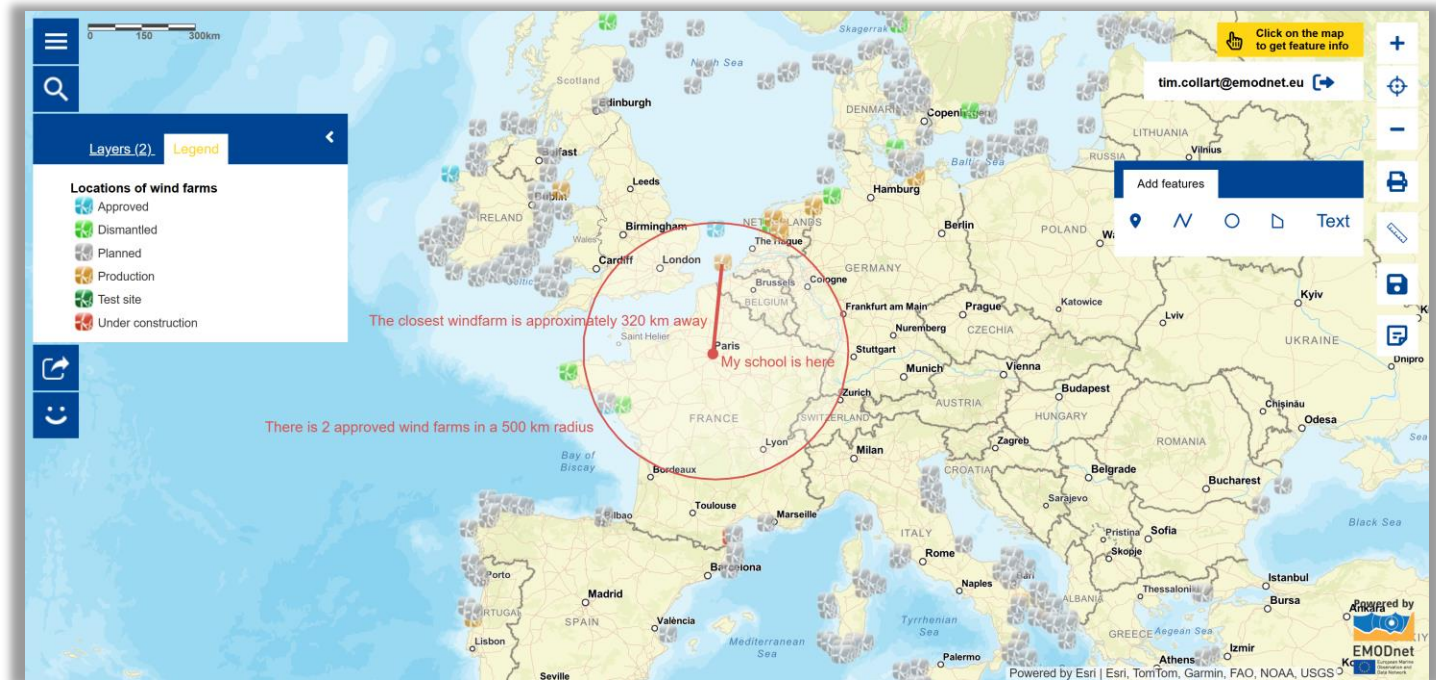
- My Locations



European Atlas of the Seas

Interactive features requested by teachers

- My Locations
- My Notes



European Atlas of the Seas

Interactive features requested by teachers

- My Locations
- My Notes
- Save and share maps

The screenshot shows a 'Save map' dialog box overlaid on a map of Europe. The dialog has a blue header bar with the text 'Save map'. Below the header, there are three main sections: 'Map title:', 'Description:', and 'List of layers:'. The 'Map title:' section has a text input field containing 'The role of oceanographic instruments'. The 'Description:' section has a text area containing a paragraph and a bulleted list of questions. The 'List of layers:' section has a bulleted list of three items. To the right of the text areas, there is a 'Map image:' section with a small map thumbnail and a 'Refresh' icon. Below the thumbnail are two buttons: 'Upload a new image' and 'Save'. The background map shows Europe with green dots representing oceanographic instruments. The interface includes a top navigation bar with the European Union flag, a language selector set to 'English', and links for 'Follow us' and 'Give feedback'. A left sidebar shows a 'Layers' panel with 'Underwater glider', 'Ferrybox', and 'Argo floats' options. A right sidebar contains various map controls like zoom in/out, pan, and a scale bar. At the bottom right, it says 'Powered by EMODnet'.

Save map

Map title: *
The role of oceanographic instruments

Description:
This map is composed of three map layers. It shows three types of oceanographic instruments.

- Can you identify each type of instruments on the map using the legend?
- How do these instruments work?
- Which parameters are measured?
- Can you find other map layers in the Atlas related to oceanographic instruments? Which ones?

Map image: *

Upload a new image

Save

List of layers: *

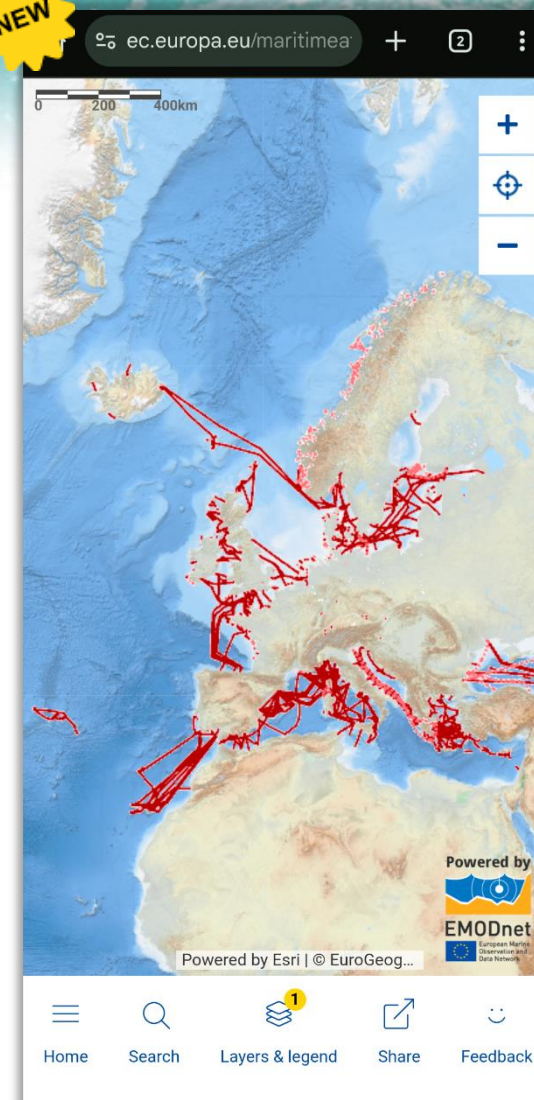
- Underwater glider
- Ferrybox
- Argo floats

European Atlas of the Seas

Mobile version



https://ec.europa.eu/maritimeaffairs/atlas/maritime_atlas/



Leave us
some feedback



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A satellite with solar panels is shown orbiting a vibrant blue ocean with white-capped waves. The satellite is positioned on the left side of the frame, angled towards the center. The ocean's surface is highly textured with numerous small, white foam caps.

THANK YOU

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