

The European Atlas of the Seas

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

Bringing the sea to the classrooms in the Black Sea countries – 05/11/2021



Credit picture: Mare Nostrum

Where is coastal erosion taking place? Does it affect us?

Where can I visit an aquarium?

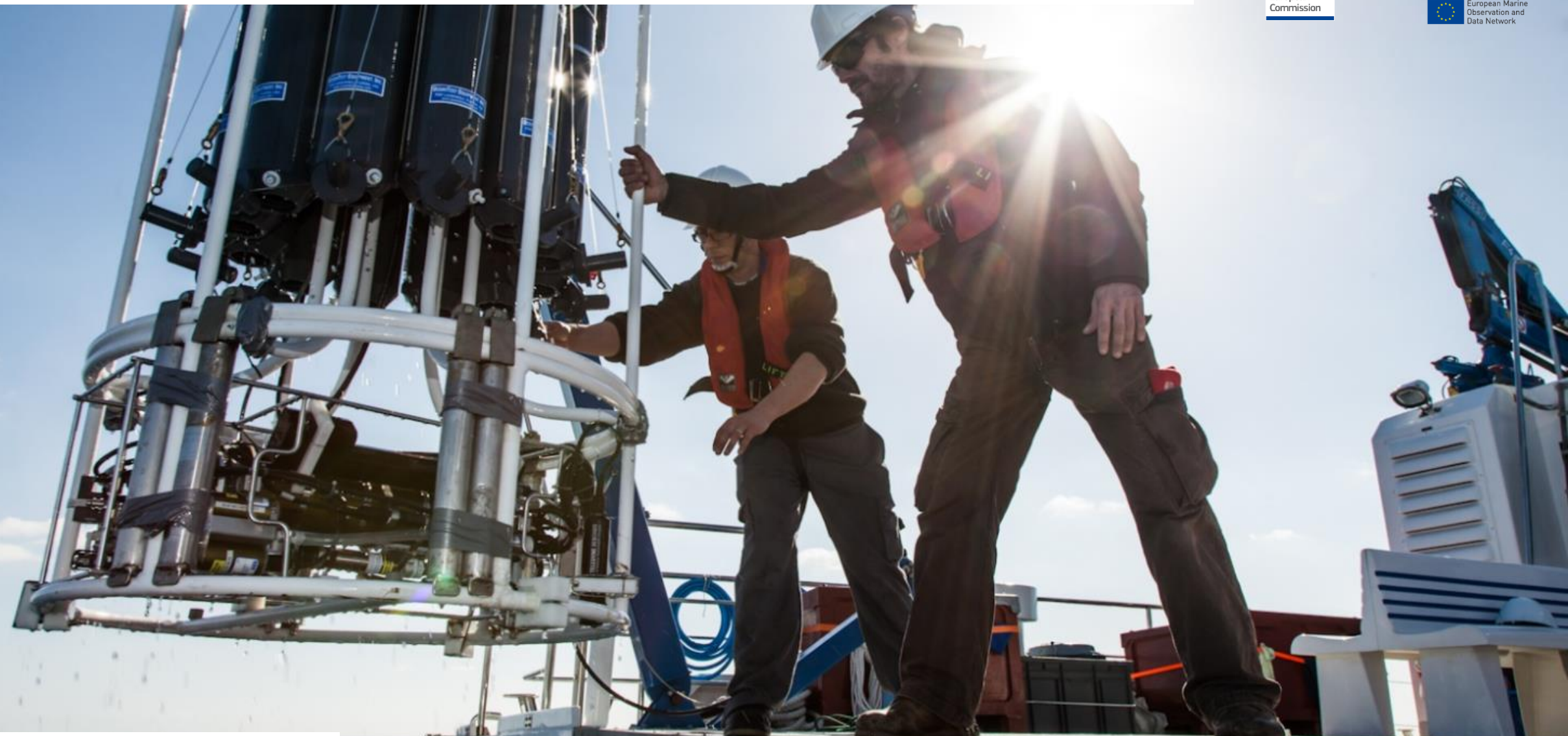
What is the closest river to where I live? How far is it? How is it linked to the sea?

What type of litter can be found in the sea? What can we do about it?

How many tons of fishery products are caught by year in my country?

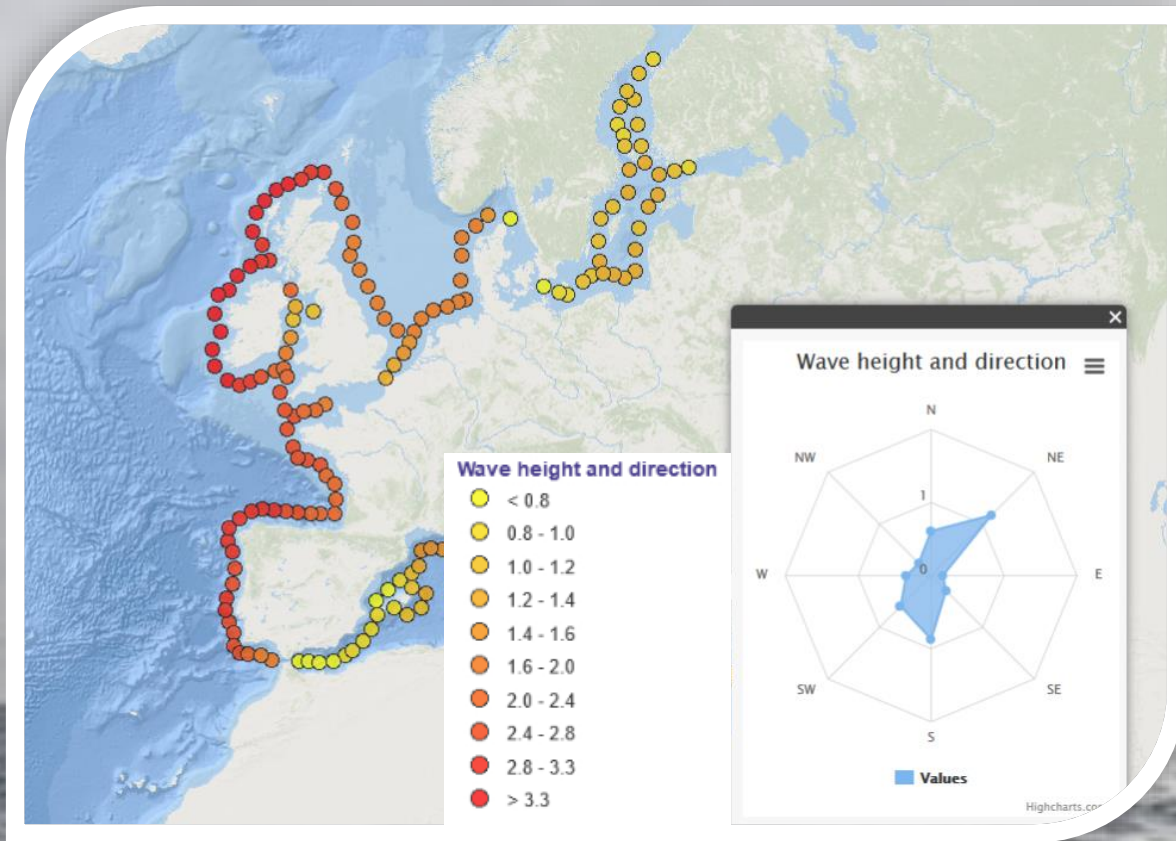
How do we know what we know about the ocean? What kind of instruments are used to collect information at sea? Where are they deployed?

European Marine Observation and Data Network



www.emodnet.eu

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EMODnet
European Marine
Observation and
Data Network

What is the European Atlas of the Seas?

- A digital **interactive learning tool**
- Stunning **marine maps** and interactive **oceanic information** covering a wide range of popular **marine topics**
- **285 interactive map** layers and possibility to create **custom maps**
- All information and maps are **easily accessible**: no need to create an account
- Maps are available in the **24 official languages of the European Union**
- Maps can be quickly **printed, shared and embedded** in presentations



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What topics are covered in the European Atlas of the Seas?



Tourism



Nature



Sea life



Transport



Sea bottom



Energy



Security



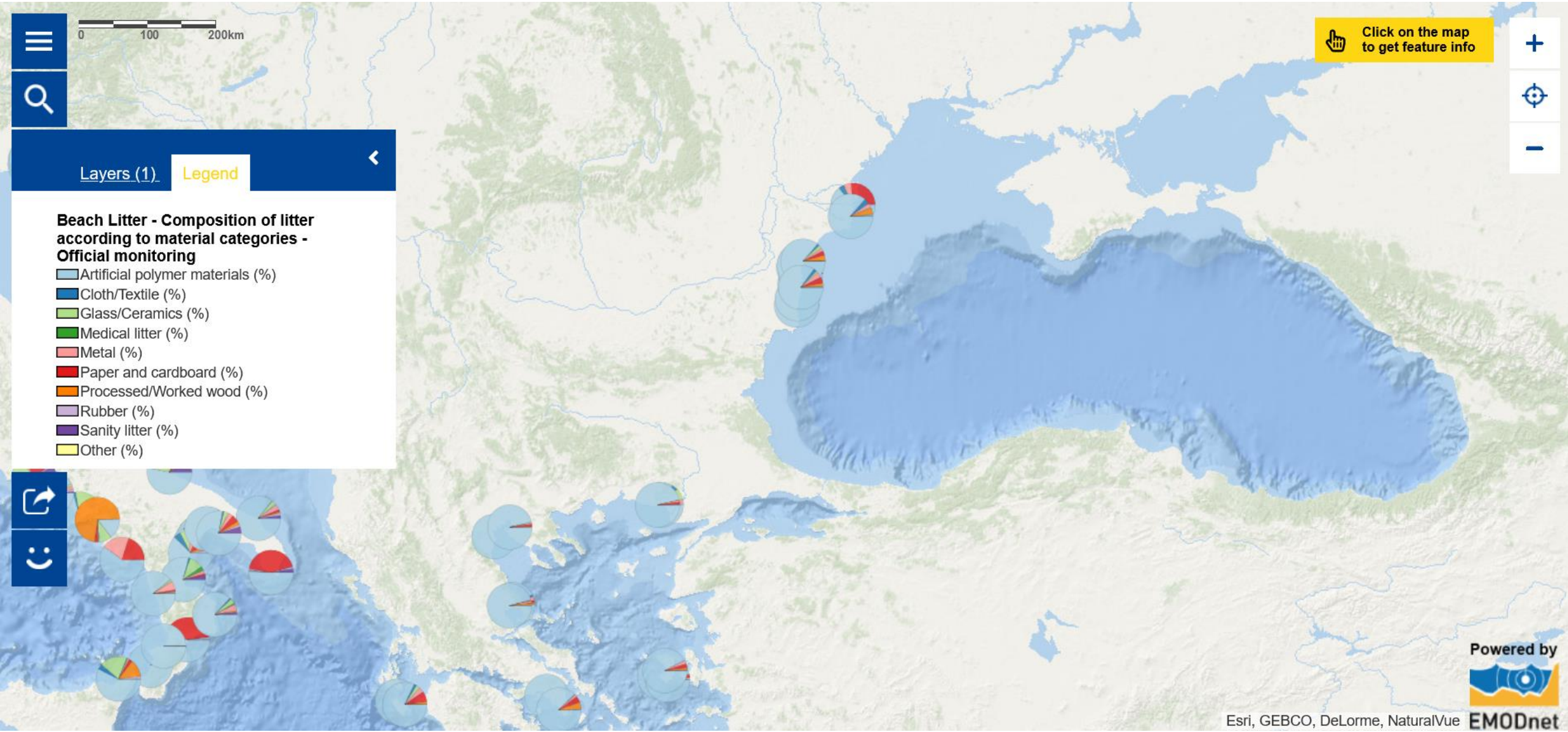
Employment

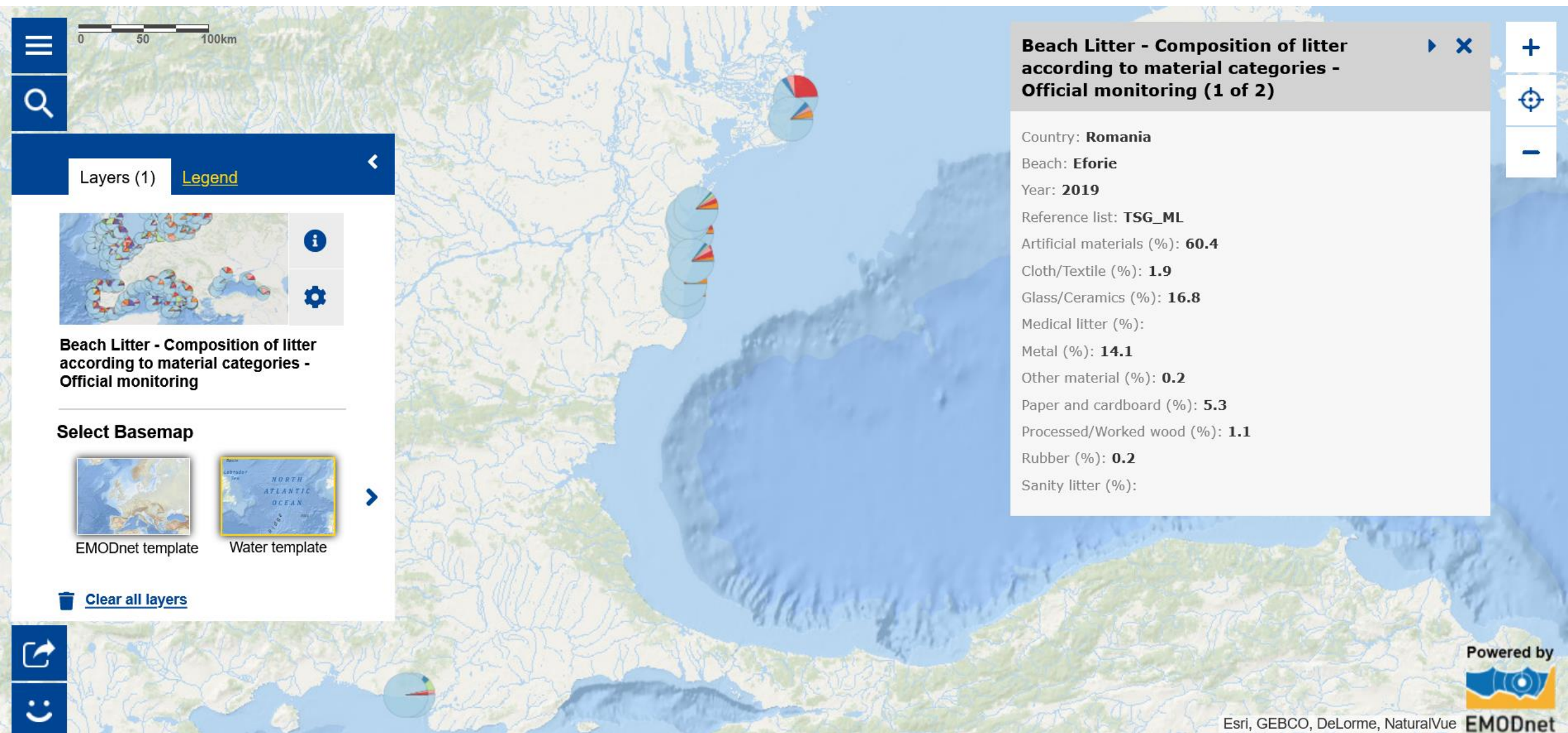


Fishing stocks and quota

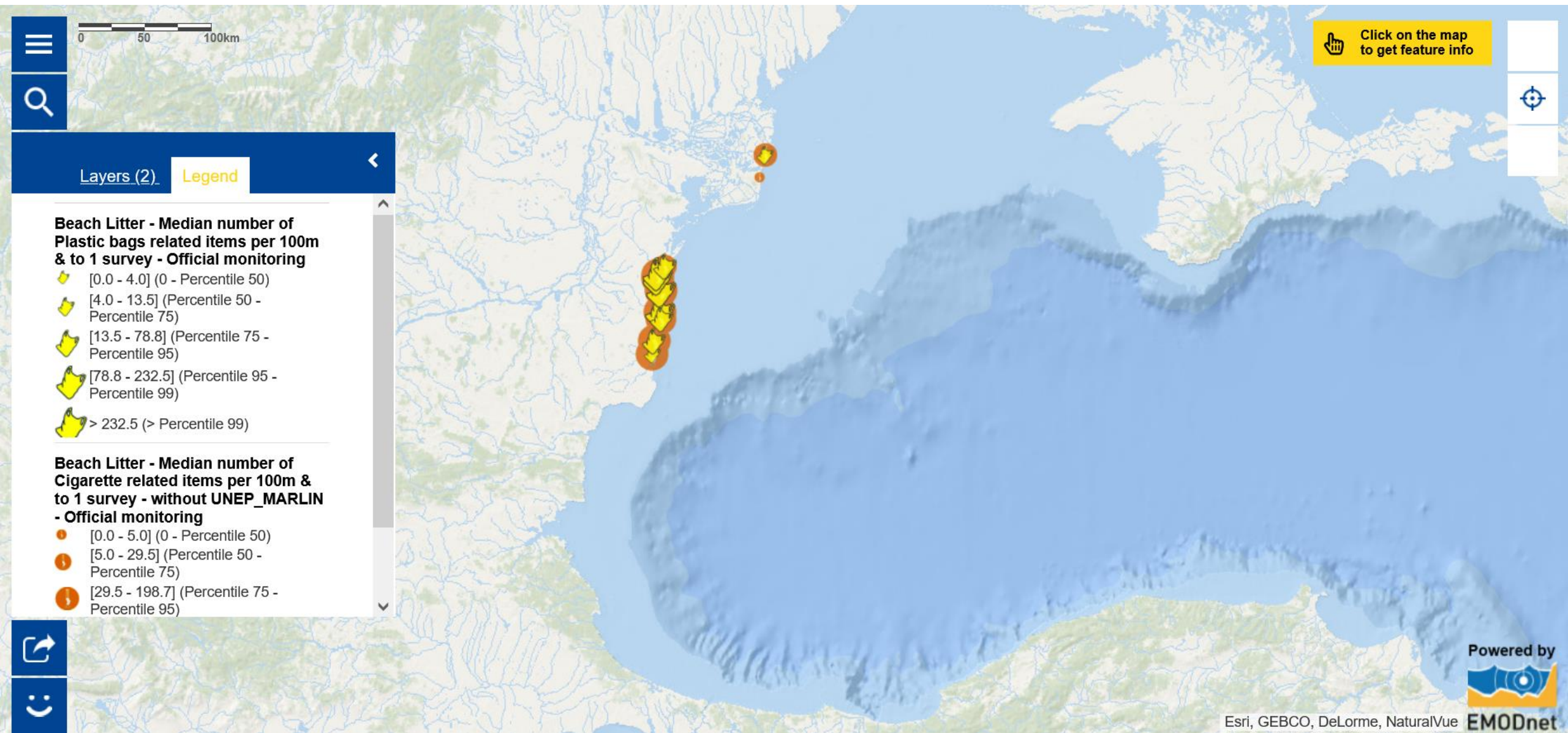


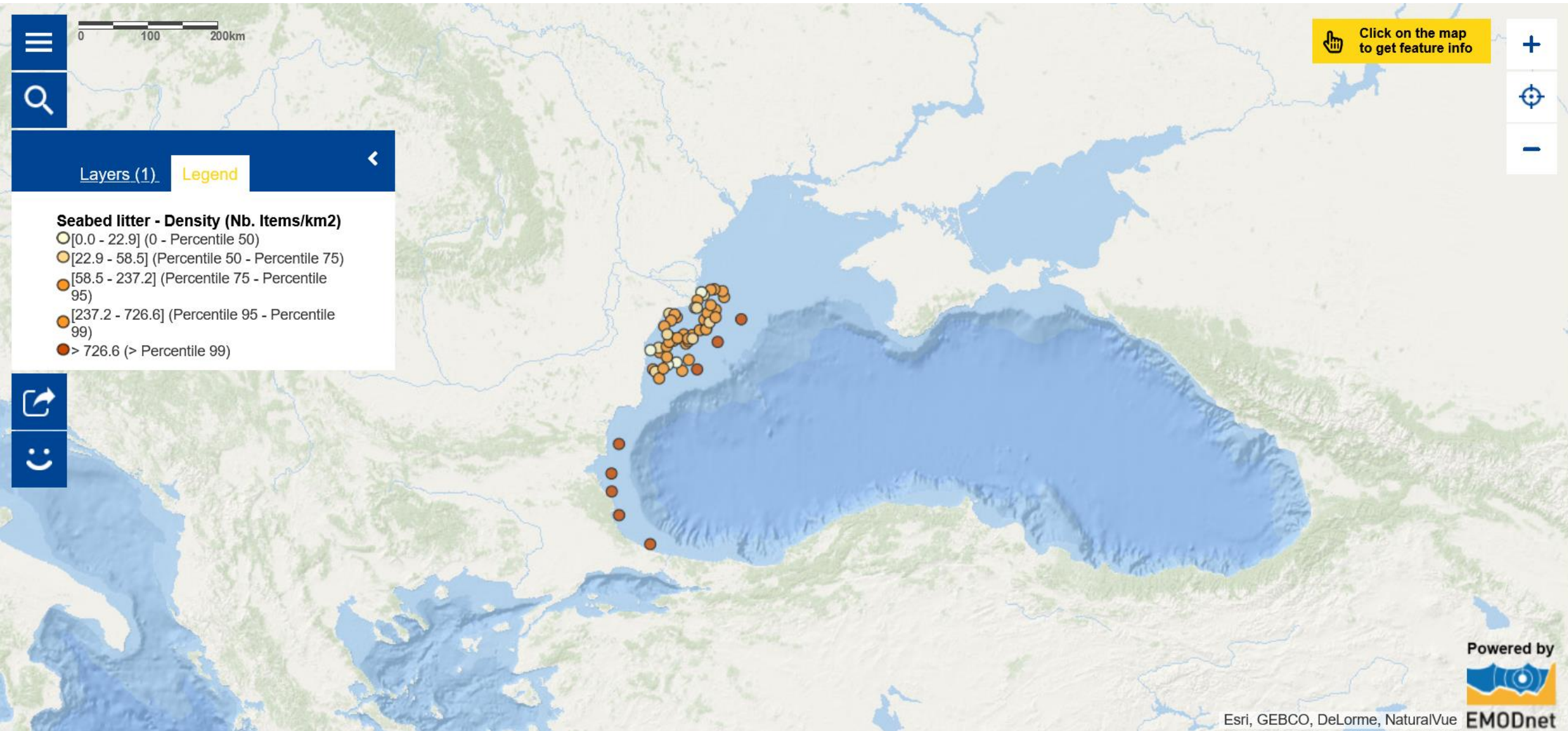
Aquaculture

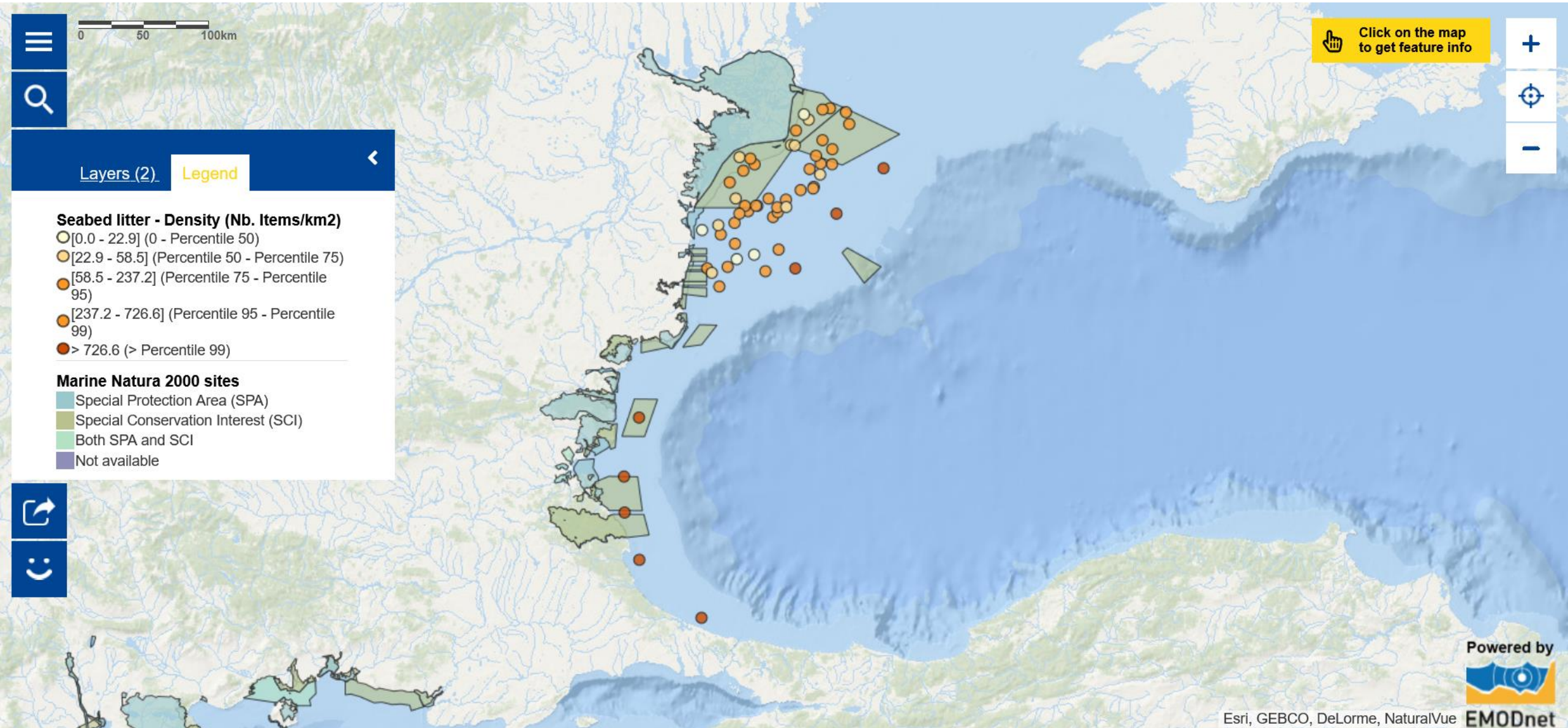


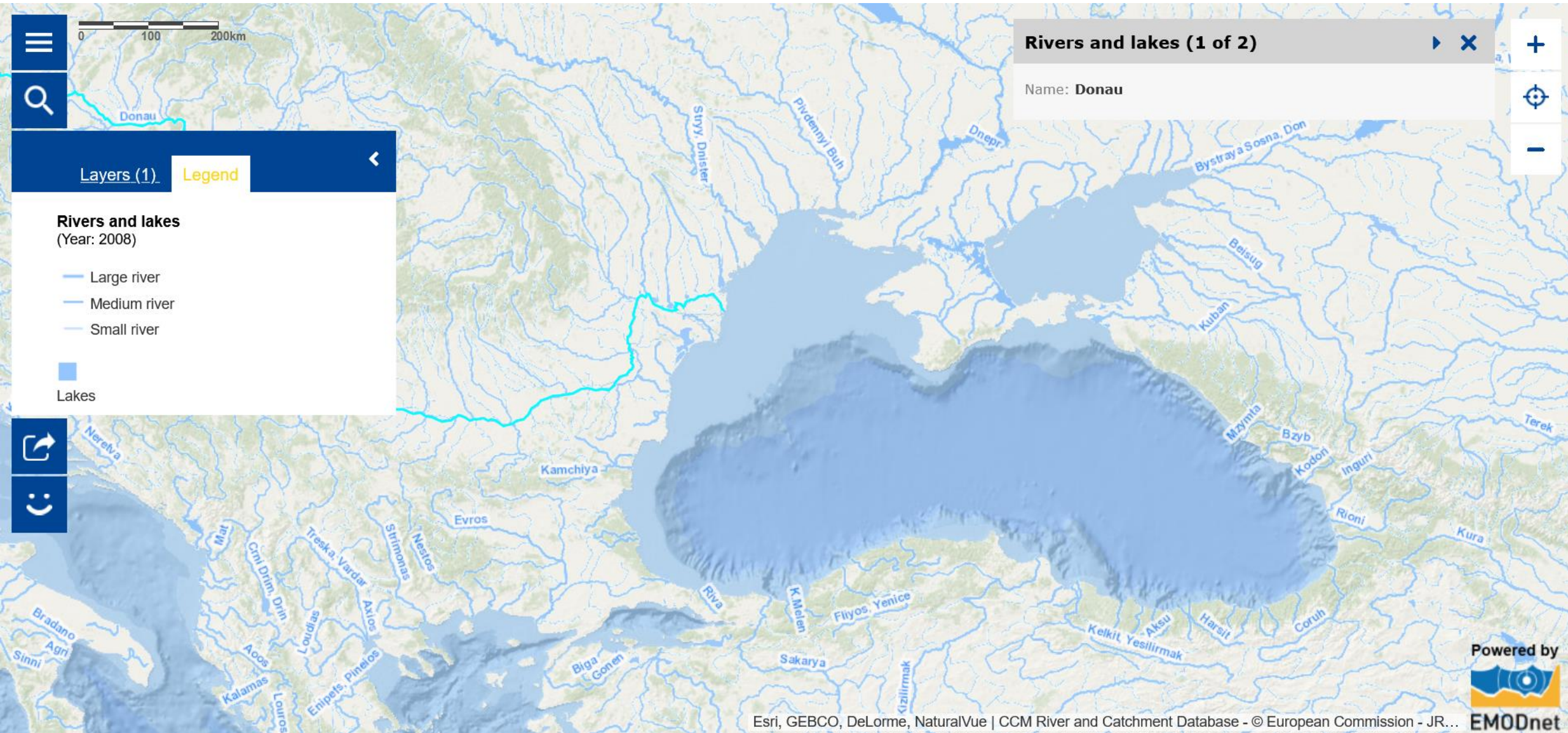


Esri, GEBCO, DeLorme, NaturalVue **EMODnet**

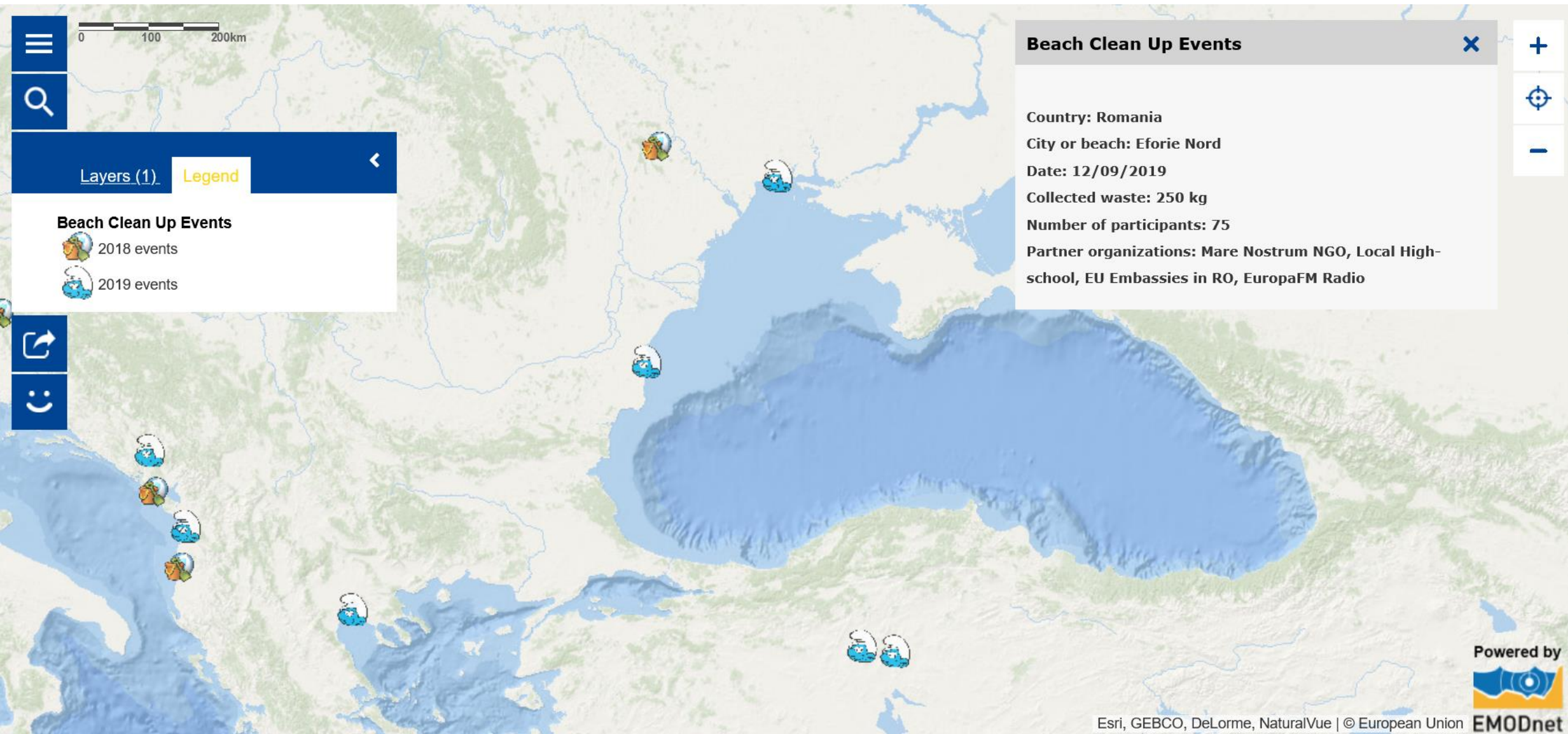


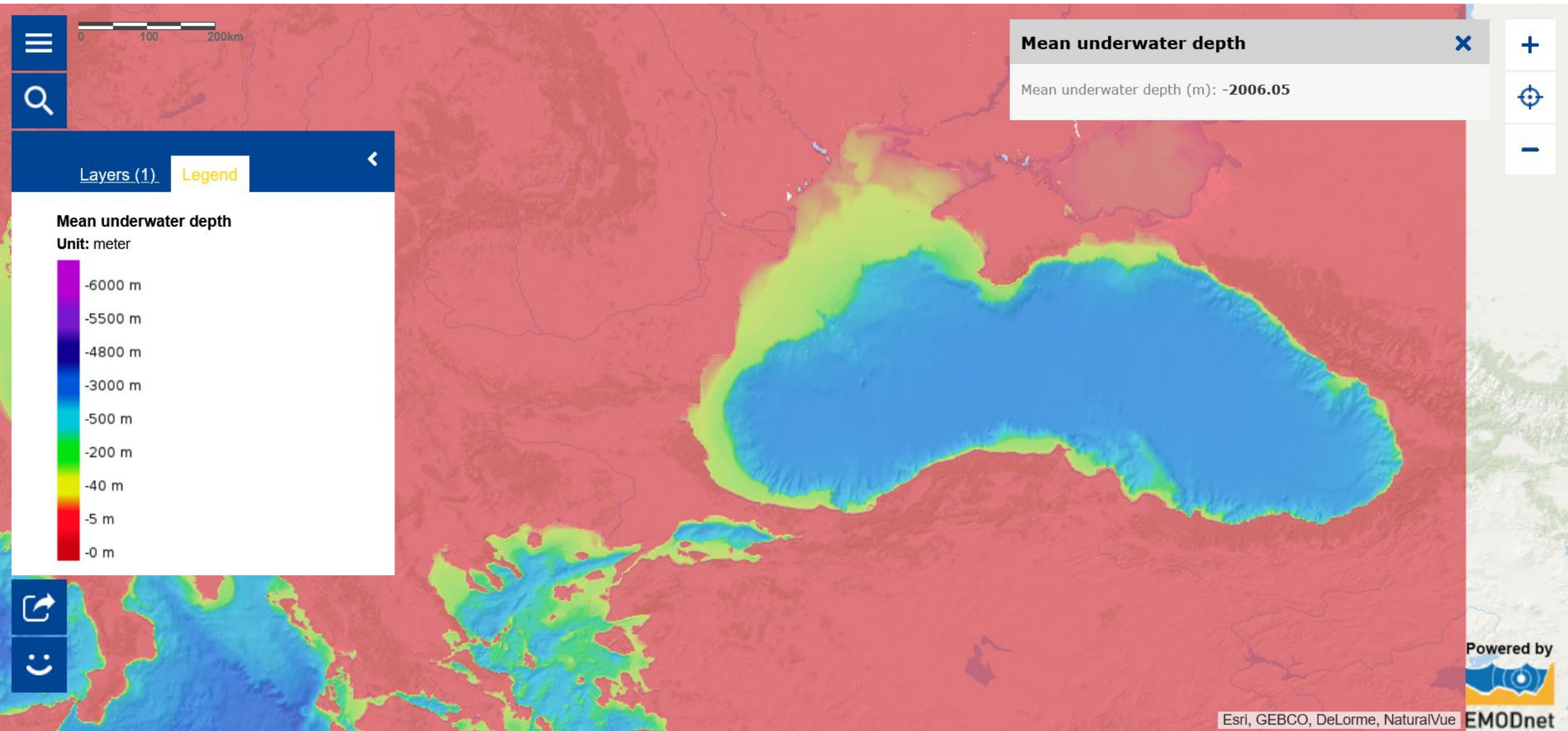


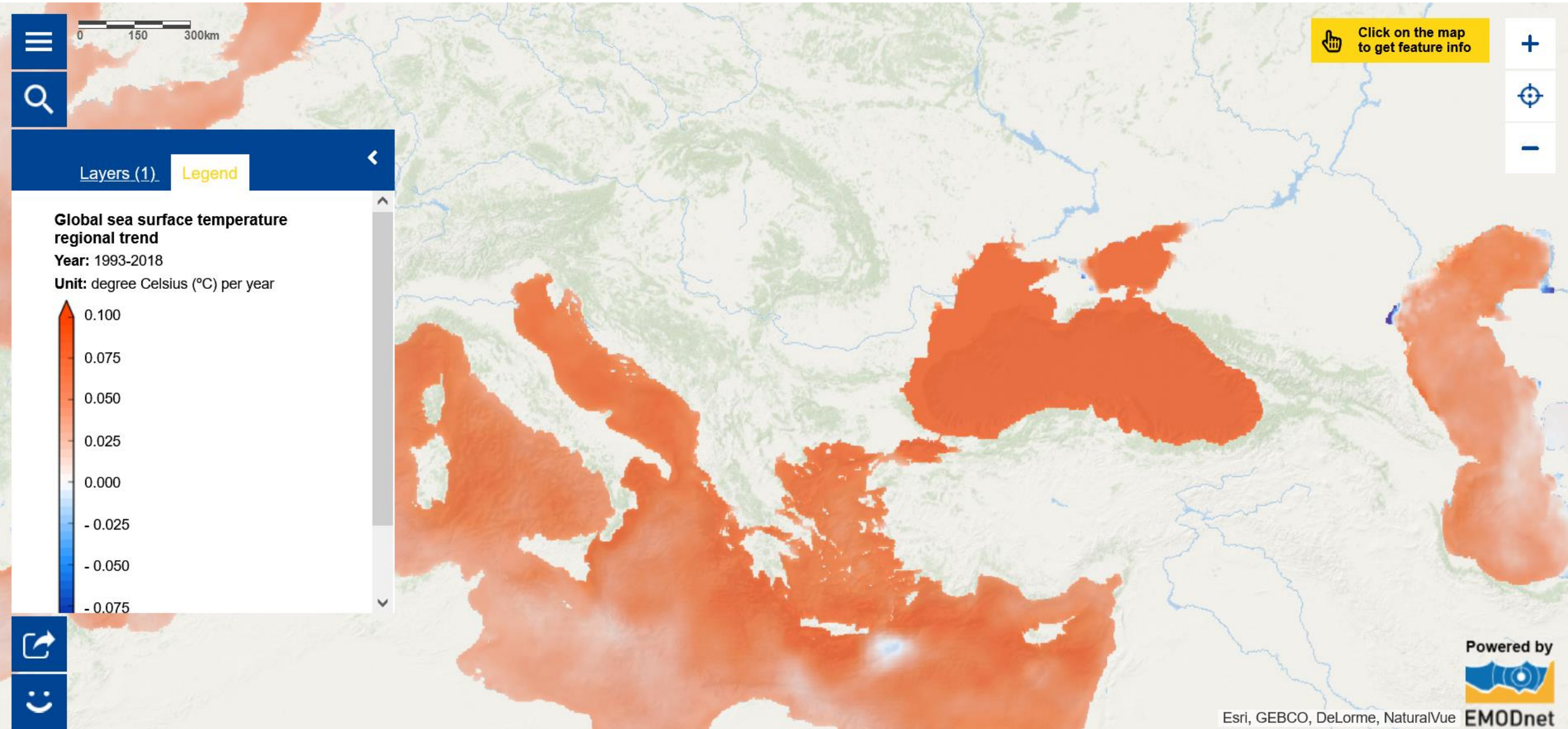


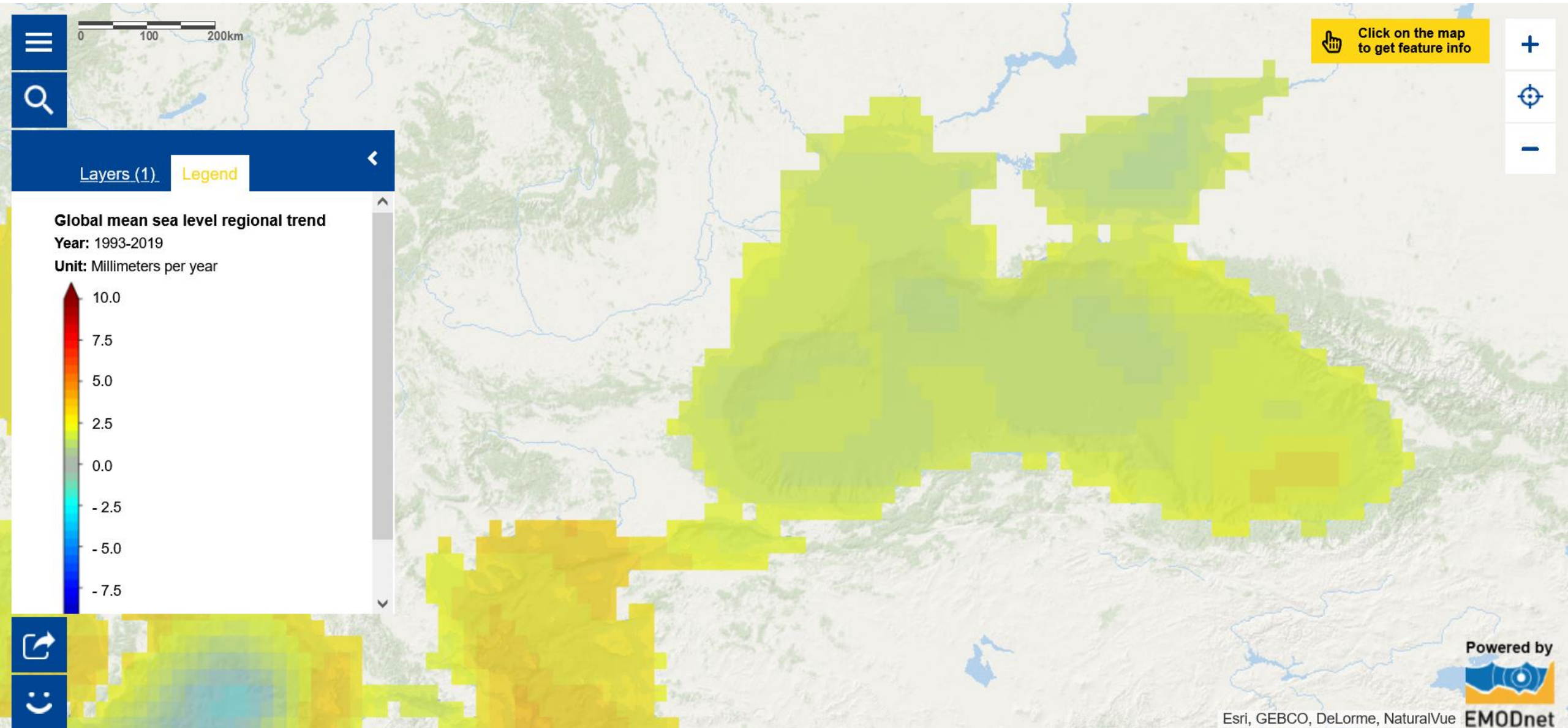


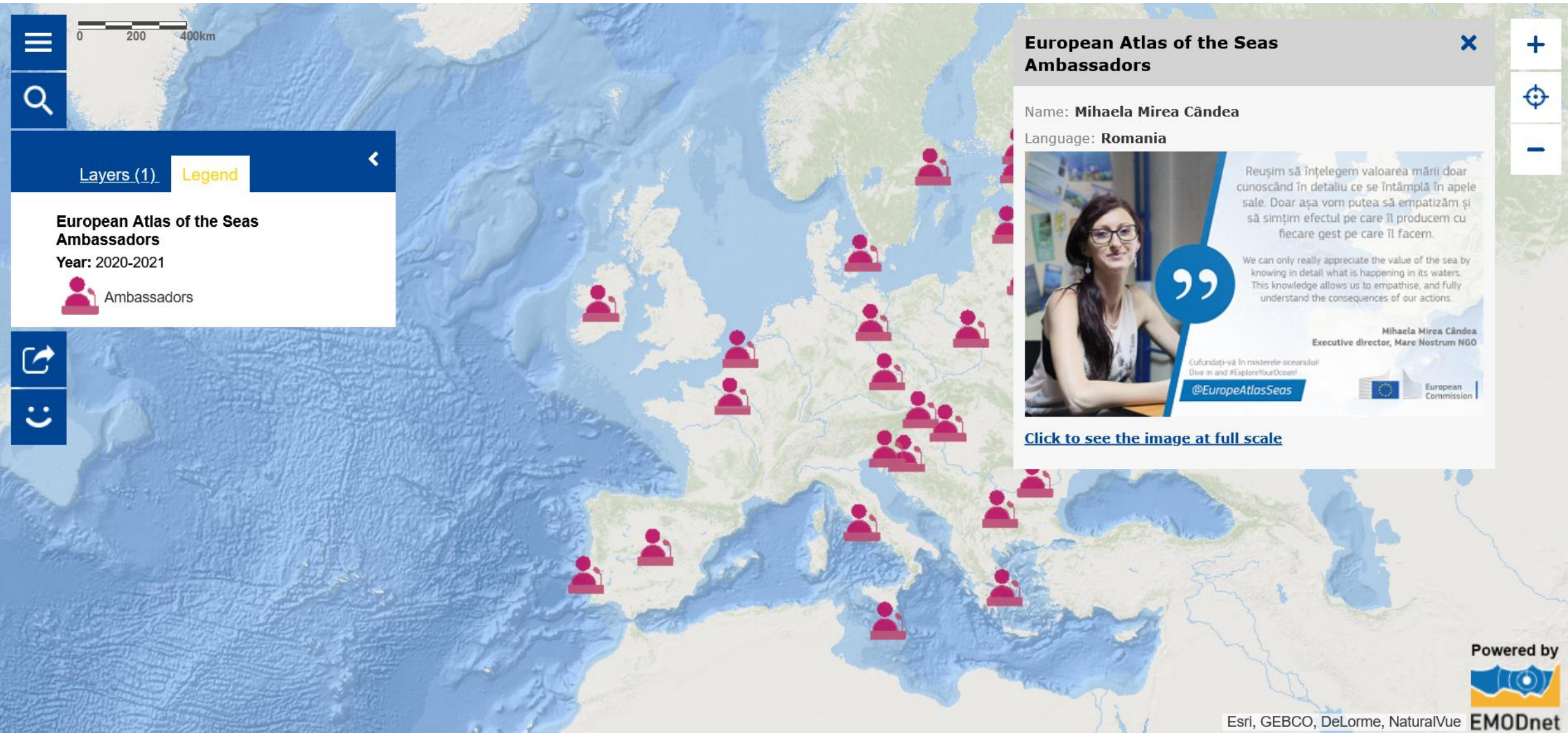
Esri, GEBCO, DeLorme, NaturalVue | CCM River and Catchment Database - © European Commission - JR... **EMODnet**











European Atlas of the Seas Ambassadors

Name: **Mihaela Mirea Cădea**

Language: **Romania**



Reușim să înțelegem valoarea mării doar cunoscând în detaliu ce se întâmplă în apele sale. Doar așa vom putea să empatizăm și să simțim efectul pe care îl producem cu fiecare gest pe care îl facem.

We can only really appreciate the value of the sea by knowing in detail what is happening in its waters. This knowledge allows us to empathise, and fully understand the consequences of our actions.

Mihaela Mirea Cădea
Executive director, Mare Nostrum NGO

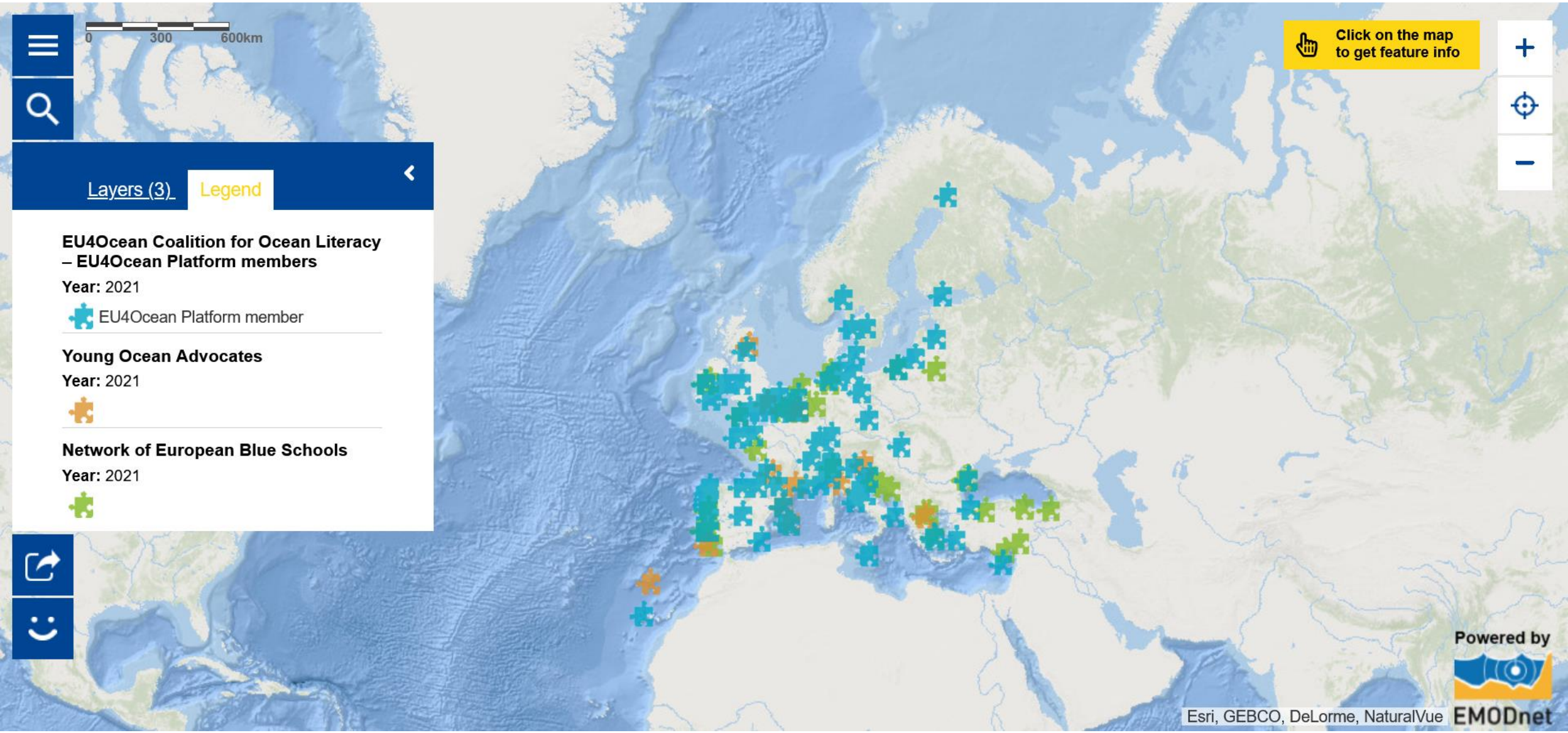
Cufundați-vă în misterele oceanului!
Dive in and #ExploreYourOcean!

@EuropeAtlasSeas



[Click to see the image at full scale](#)

Ocean Literacy – EU4Ocean Coalition – www.eu-oceanliteracy.eu



Ocean Literacy – EU4Ocean Coalition - www.eu-oceanliteracy.eu



Behind the Atlas...

- The European Atlas of the Seas is an initiative of the Directorate General for Maritime Affairs and Fisheries (DG MARE) of the European Commission
- It is managed by the European Marine Observation and Data Network (EMODnet) Secretariat, which is financed by the European Union, since 2017. EMODnet is a network of organisations working together to observe the sea and to make the marine data collected freely available and interoperable.



Where does the data come from?

- European Commission, Directorate General for Maritime Affairs and Fisheries (DG MARE)
- Other services of the European Commission
- The European Marine Observation and Data Network (EMODnet)
- The European Environmental Agency
- Eurostat
- Copernicus Marine
- Joint Research Centre
- ...



How does it work?

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

The screenshot shows the user interface of the European Atlas of the Seas. At the top, there is a navigation bar with the European Commission logo, a help icon, a language selector set to 'English EN', a 'Follow us' link with a Twitter icon, and a 'Give feedback' link with a smiley face icon. Below this is a breadcrumb trail: 'European Commission > Maritime Affairs > European Atlas of the Seas'. The main heading is 'European Atlas of the Seas' with an information icon. The subtext reads: 'Explore, collate and create your own sea map. Learn more about Europe's seas and coasts, their environment, related human activities and European policies.' Below the main content are two columns of navigation buttons. The left column contains: 'Do you need help?' (with a question mark icon), 'Advanced features' (with a gear icon), and 'Atlas overview' (with a globe icon). The right column contains: 'New Atlas functions' (with a lightbulb icon and a yellow starburst labeled 'v6'), 'Teachers corner' (with a person and screen icon), and 'Legal notice' (with a speech bubble icon). Red dashed circles highlight the hamburger menu icon in the top left, the language selector, the 'Atlas overview' button, and the 'Teachers corner' button.

European Commission > Maritime Affairs > European Atlas of the Seas

European Atlas of the Seas

Explore, collate and create your own sea map.
Learn more about Europe's seas and coasts, their environment, related human activities and European policies.

- Do you need help?
- Advanced features
- Atlas overview
- New Atlas functions ^{v6}
- Teachers corner
- Legal notice

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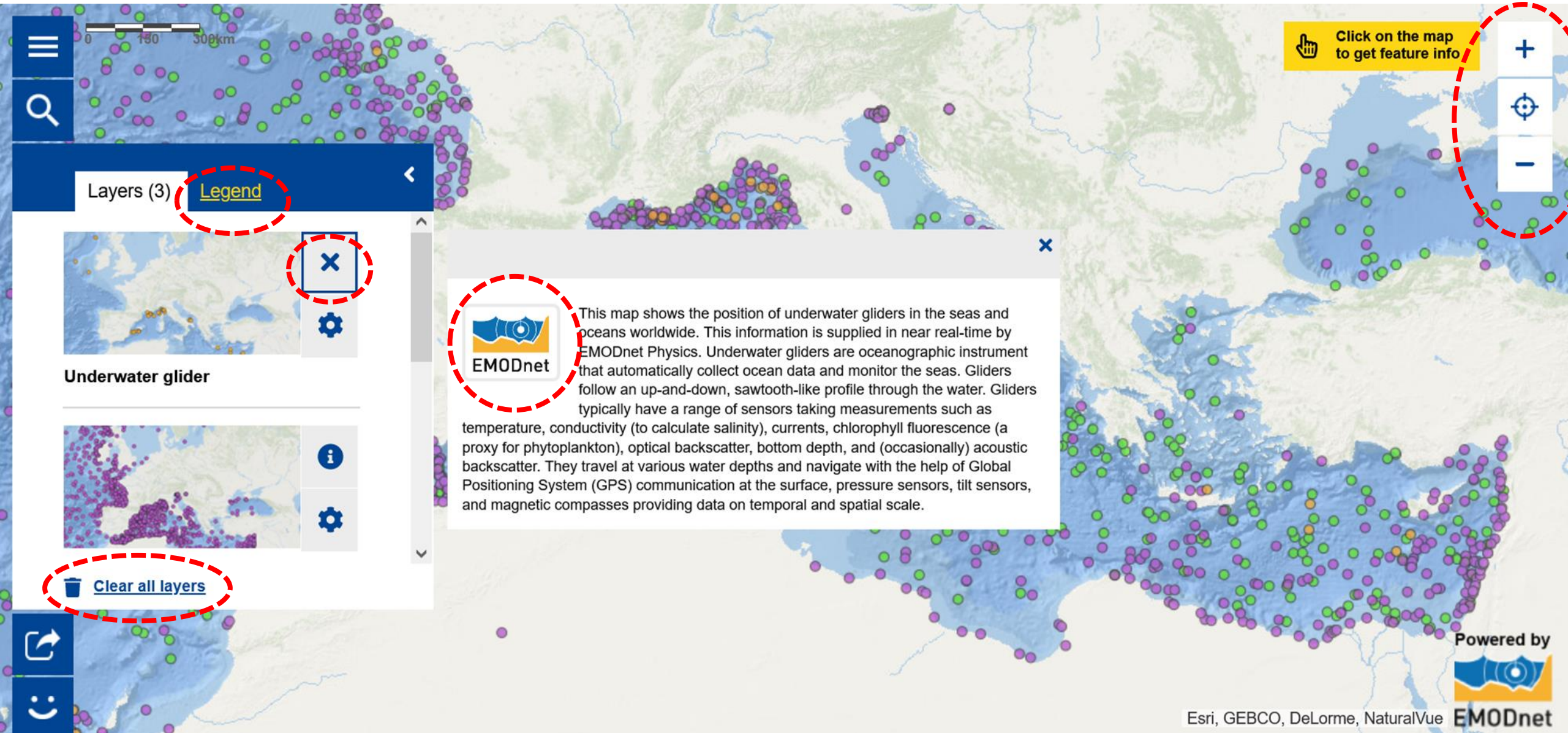
How does it work?

The screenshot displays the EMODnet map interface. At the top, there is a navigation bar with the European Union flag, a help icon, the language 'English EN', a 'Follow us' link with a Twitter icon, and a 'Give feedback' link with a smiley face icon. A red dashed circle highlights a close button (an 'X' icon) in the top right corner of the navigation bar. Below the navigation bar is a blue header for the 'Add layers to the map' panel. This panel contains a search bar labeled 'Search for layers'. Below the search bar are three tabs: 'Predefined maps (19)', 'Layers', and 'Map stories'. The 'Predefined maps (19)' tab is selected and circled in red. It lists several map layers with checkboxes and information icons:

- Argo floats *i*
- Drifting buoy tracks (Monthly) *i*
- Drifting buoys *i*
- Ferrybox *i*
- High Frequency Radar *i*
- Mooring platforms *i*
- River gauging stations *i*

On the left side of the map, there is a vertical toolbar with a search icon circled in red. At the bottom right, there are map navigation controls: a plus sign for zoom in, a target icon for full screen, and a minus sign for zoom out. The bottom of the page features the text 'Powered by' above the EMODnet logo, and 'Esri, GEBCO, DeLorme, NaturalVue' above the EMODnet logo.

How does it work?



How does it work?

The screenshot displays a web application interface with a top navigation bar and a main content area. The top bar includes a logo, a help icon, language selection (English EN), social media links (Follow us), and a feedback link (Give feedback). The main content area is titled "Advanced features" and contains two toggle switches, both of which are circled in red. The first toggle is labeled "Print tool" and the second is labeled "Measures tool".

Advanced features

- Print tool**
Printing service to allow the current map to print
- Measures tool**
Tool to determine areas, distances and coordinates

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English EN Follow us Give feedback

European Commission > Maritime Affairs > European Atlas of the Seas

European Atlas of the Seas

Explore, collate and create your own sea map.
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- Do you need help?
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- Atlas overview
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- Legal notice

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MARITIME FORUM

European Commission > Maritime Forum > Maritime policy > Marine knowledge > European Atlas of the Seas > Atlas Teachers Corner > Teachers Corner > Teachers Corner

Themes ≡



Communities

Search

F.A.Q

EU Login

Related issues

- Teachers Corner

Atlas Teachers Corner

- + **Teachers Corner**
- + Espace enseignants
- + Espaço dos professores
 - Posters
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 - Presentations
- + Quiz

Teachers Corner



Published on: Mon, 16/08/2021 - 15:22

A A View as pdf

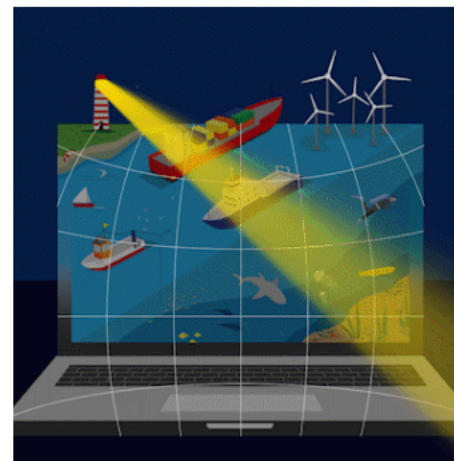
Welcome to the Teachers Corner of the European Atlas of the Seas!

The European Atlas of the Seas is a publicly accessible web-based tool, providing interactive and diversified information in a comprehensive way to a broad public. It is composed of a collection of maps with reliable data on natural and socio-economic features in the coastal regions of Europe. The data come primarily from the European Commission and its agencies (i.e. Eurostat, EEA, ...) and from the European Marine Observation and Data Network (EMODnet).

The Atlas offers an ocean of information in a user-friendly way about topics such as nature, tourism, security, energy, litter, coastal erosion, vessel density, passenger transport, sea bottom, sea level rise, fish consumption, and much, much more!

Use the Atlas to explore and compose your own maps! Select different layers, zoom in into your area of interest (e.g. a sea basin, a country...), measure distances and areas and export your customised map or print it for later use.

This wiki will be set up to provide teachers throughout the European Union, who want to use the European Atlas of the Seas in their lessons, a platform where they can find



Launch and start exploring the Atlas

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MARITIME FORUM

European Commission > Maritime Forum > Maritime policy > Marine knowledge > European Atlas of the Seas > Atlas Teachers Corner > Workshops > Workshops

Themes ≡



Communities

Search

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Related issues

Workshops

Atlas Teachers Corner

- + Teachers Corner
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- Presentations
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Workshops



Published on: Tue, 17/08/2021 - 10:21 A A View as pdf 26 views 1 like

This article includes presentations on the European Atlas of the Seas made by the EMODnet Secretariat at a wide range of general and thematic workshops. When the workshops were recorded, links are also provided to the video of the workshop.

On 9 October 2021, the EMODnet Secretariat made a presentation (in Dutch) on the [European Atlas of the Seas](#) and Maritime Spatial Planning (MSP) at the congress organized by the [Association of Flemish Geography Teachers](#) in Antwerp (Belgium).

[workshop_atlas_vla_msp_october2021.pdf](#)

On 27 September 2021, the EMODnet Secretariat presented the [European Atlas of the Seas](#) to teachers during the online workshop '[Bringing Ocean and Climate to the classroom](#)' in the framework of the [Mediterranean Sea basin event](#) organized by the [EU4Ocean Coalition](#).

[workshop_atlas_mediterranean_september2021.pdf](#)

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- Treasure Hunt

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 - Posters
- + Workshops
 - Presentations
- Quiz
 - + **Treasure Hunt**
 - + Easter Egg
 - + Biodiversity quiz

Treasure Hunt



I like it

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Have you ever heard of a treasure, hidden in a map?

Resolve the questions below, travel through the European Atlas of the Seas and find the treasure!



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 - Regional Sea Conventions
 - Marine Natura 2000 sites
 - Seagrass species
 - Biodiversity quiz

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

nathalie.van.isacker@emodnet.eu



Credit picture: Mare Nostrum

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