

The European Atlas of the Seas

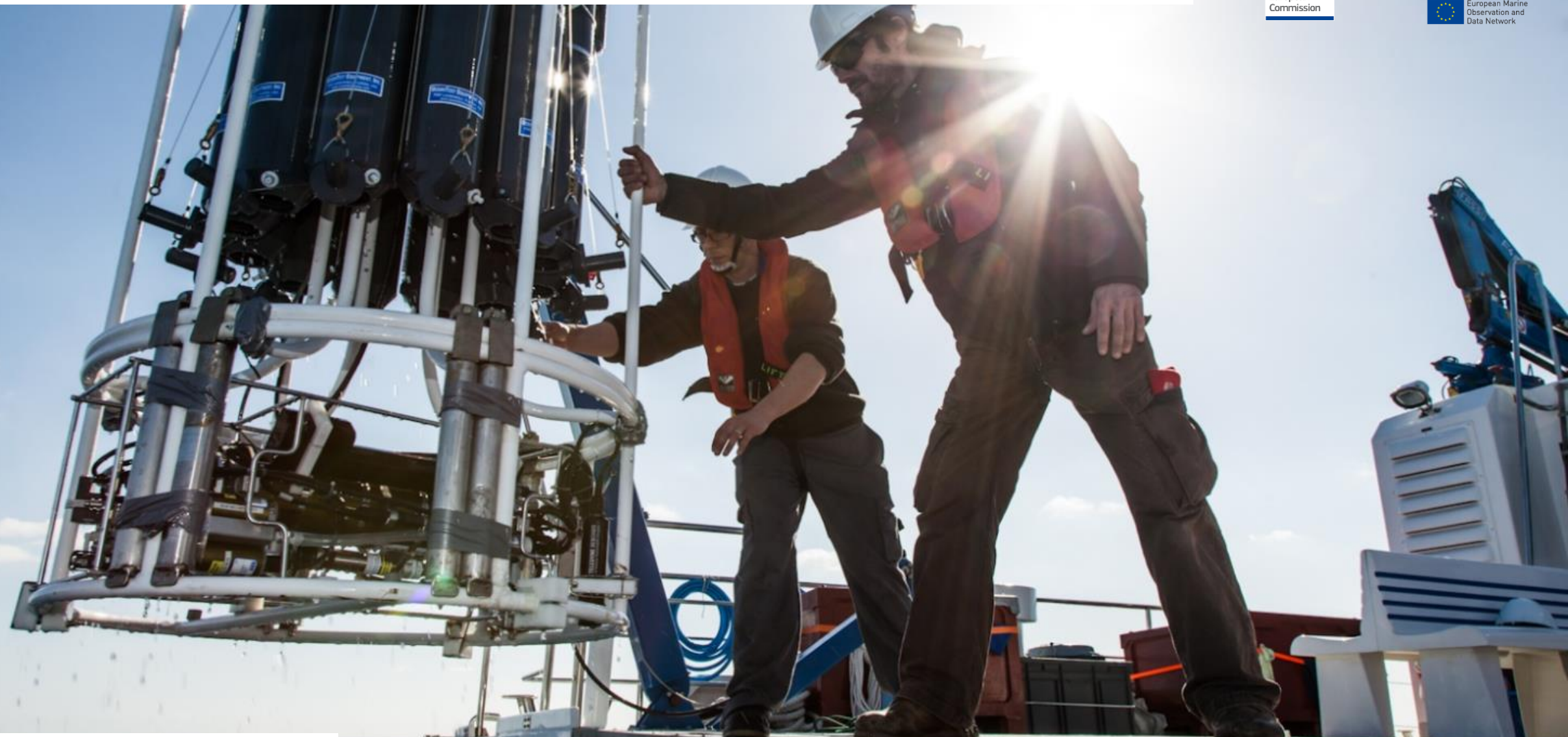
www.european-atlas-of-the-seas.eu

Ocean Literacy – Baltic Sea – 27/08/2021
Bringing the Sea to School in the Baltics

0 300 600km



European Marine Observation and Data Network



www.emodnet.eu

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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



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

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

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?

The screenshot shows the user interface of the European Atlas of the Seas. A white navigation bar at the top contains the European Commission logo, a help icon, the language 'English EN', 'Follow us' with social media icons, and 'Give feedback' with a smiley face icon. Below this is a blue header with the breadcrumb 'European Commission > Maritime Affairs > European Atlas of the Seas' and the main title 'European Atlas of the Seas' with an information icon. A descriptive paragraph follows: 'Explore, collate and create your own sea map. Learn more about Europe's seas and coasts, their environment, related human activities and European policies.' A white menu area at the bottom contains six blue buttons: 'Do you need help?', 'Advanced features', 'Atlas overview', 'New Atlas functions' (with a 'V6' badge), 'Teachers corner', and 'Legal notice'. Red dashed circles highlight the hamburger menu icon on the left, the top navigation bar, 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

Powered by EMODnet

Esri, GEBCO, DeLorme, NaturalVue

How does it work?

The screenshot shows a web application interface for adding layers to a map. The interface is divided into several sections:

- Top Bar:** Contains a search icon (circled in red), a language selector set to "English EN", a "Follow us" link with a Twitter icon, a "Give feedback" link with a smiley face icon, and a close button (X, circled in red).
- Header:** A blue bar with the text "Add layers to the map".
- Search:** A search bar with the placeholder text "Search for layers".
- Navigation:** Three tabs: "Predefined maps (19)", "Layers" (selected), and "Map stories".
- Algae production:** A section with two checked checkboxes (circled in red) for "Microalgae production facilities", each with an information icon (i).
- Aquaculture:** A section with two unchecked checkboxes: "Aquaculture production" and "Aquaculture production by species", each with an information icon (i).

At the bottom right, there is a logo for "Powered by EMODnet" and a footer with the text "Esri, GEBCO, DeLorme, NaturalVue".

How does it work?

0 200 400km

Click on the map to get feature info

Layers (2) Legend

Microalgae production facilities

Macroalgae production facilities

Clear all layers

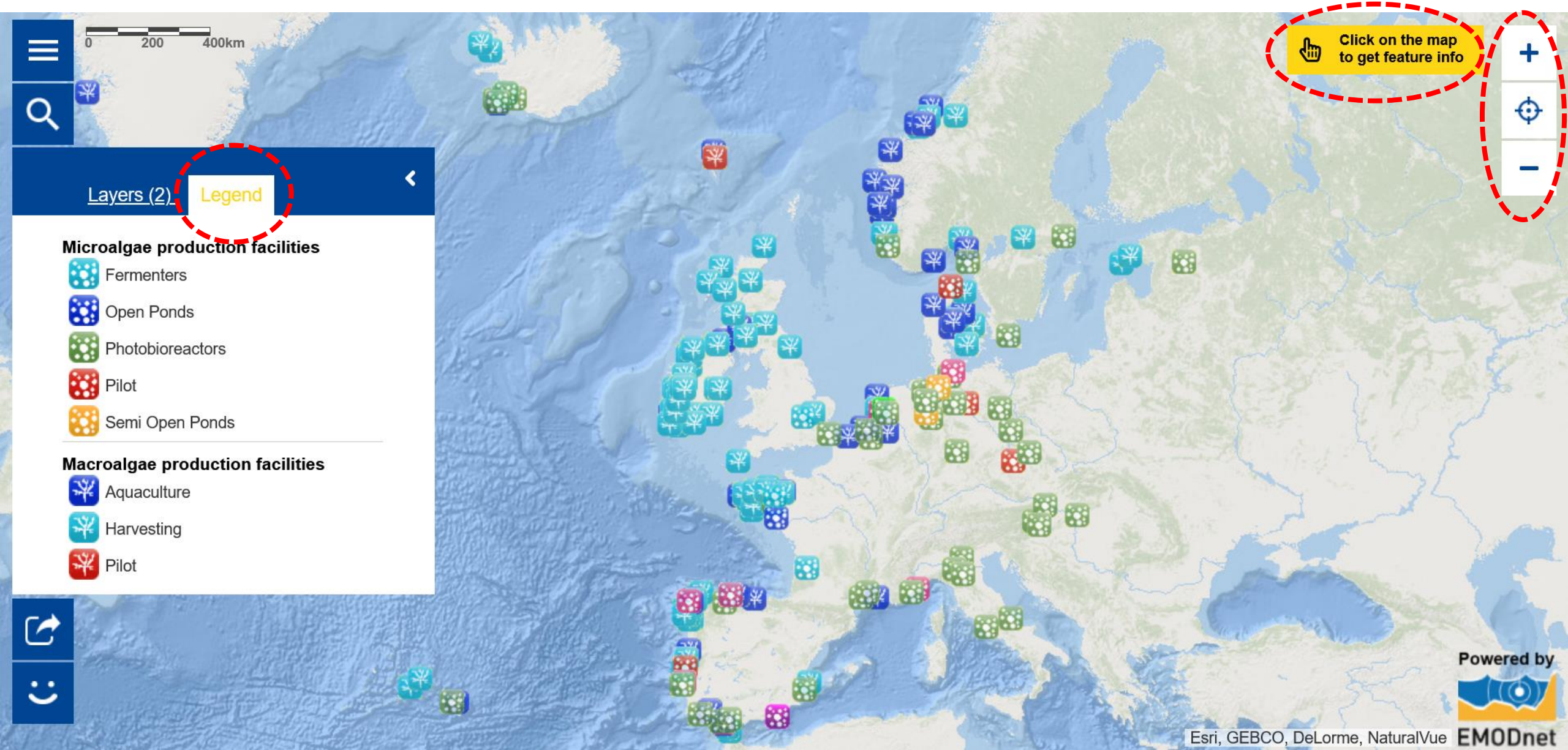
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EMODnet

This map shows the microalgae-producing facilities by production methods (photobioreactors, open ponds, fermenters, photobioreactors and open ponds, photobioreactors and fermenters). Data have been collected in the following countries: Belgium, Denmark, Estonia, France, Germany, Ireland, Italy, Norway, Portugal, Spain, Sweden, and UK. Microalgae are microscopic plants, typically found in freshwater and marine systems, living in both the water column and sediment. Harvesting, cultivating, or processing algae to create high-value products can make an invaluable contribution to a cleaner and healthier environment. Therefore, the production of algae is an important part of the "blue bioeconomy".

How does it work?





English EN Follow us Give feedback

European Commission > Maritime Affairs > European Atlas of the Seas

European Atlas of the Seas

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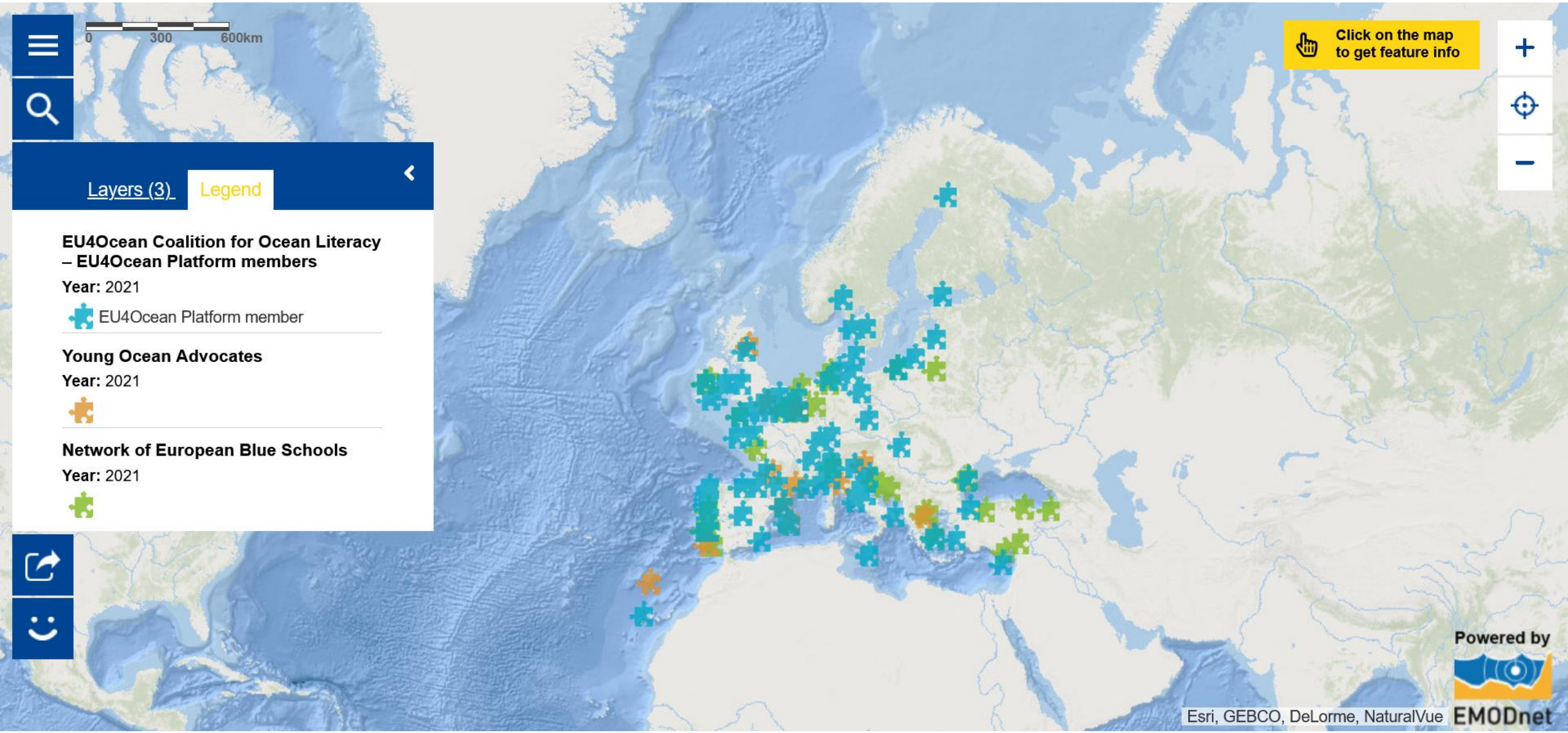
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A screenshot of a web browser showing the European Atlas of the Seas interface. A red dashed circle highlights a question mark icon in the top navigation bar. The main content area has a blue background with white text and icons. There are two columns of blue buttons with white text and icons. The bottom of the page has a small logo and copyright information.



Ocean Literacy – EU4Ocean Coalition





Layers (1)

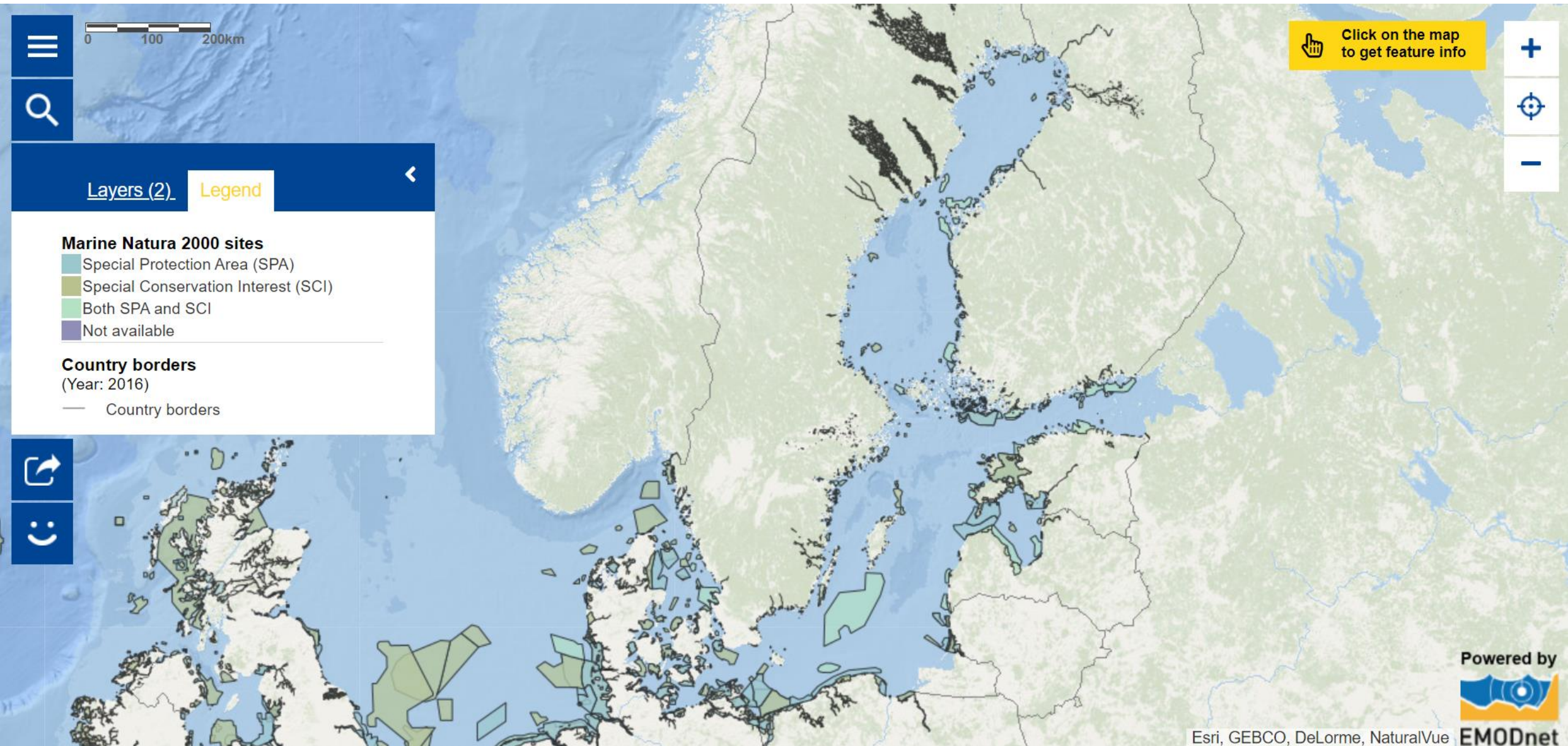
Legend

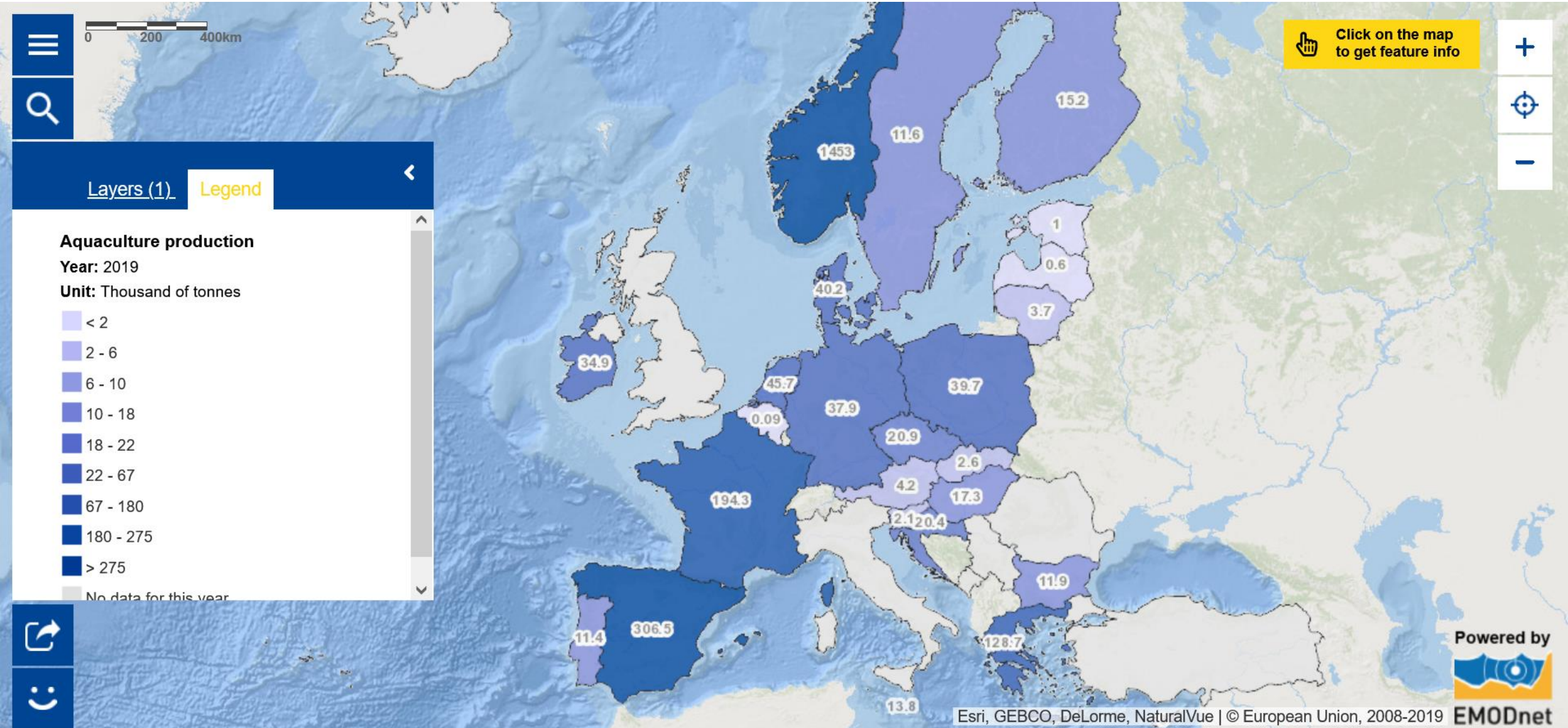
European Maritime Day in My Country 2021

Year: 2021

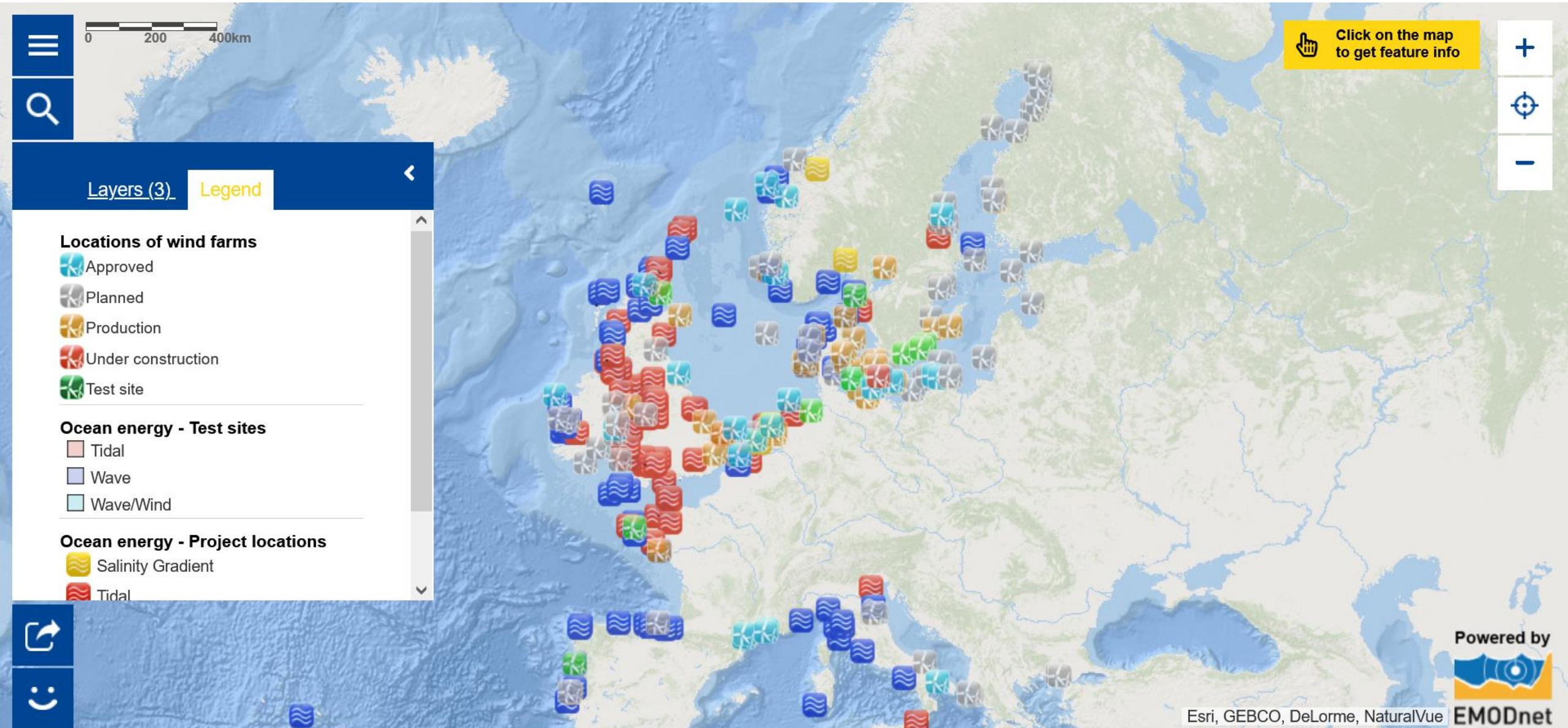


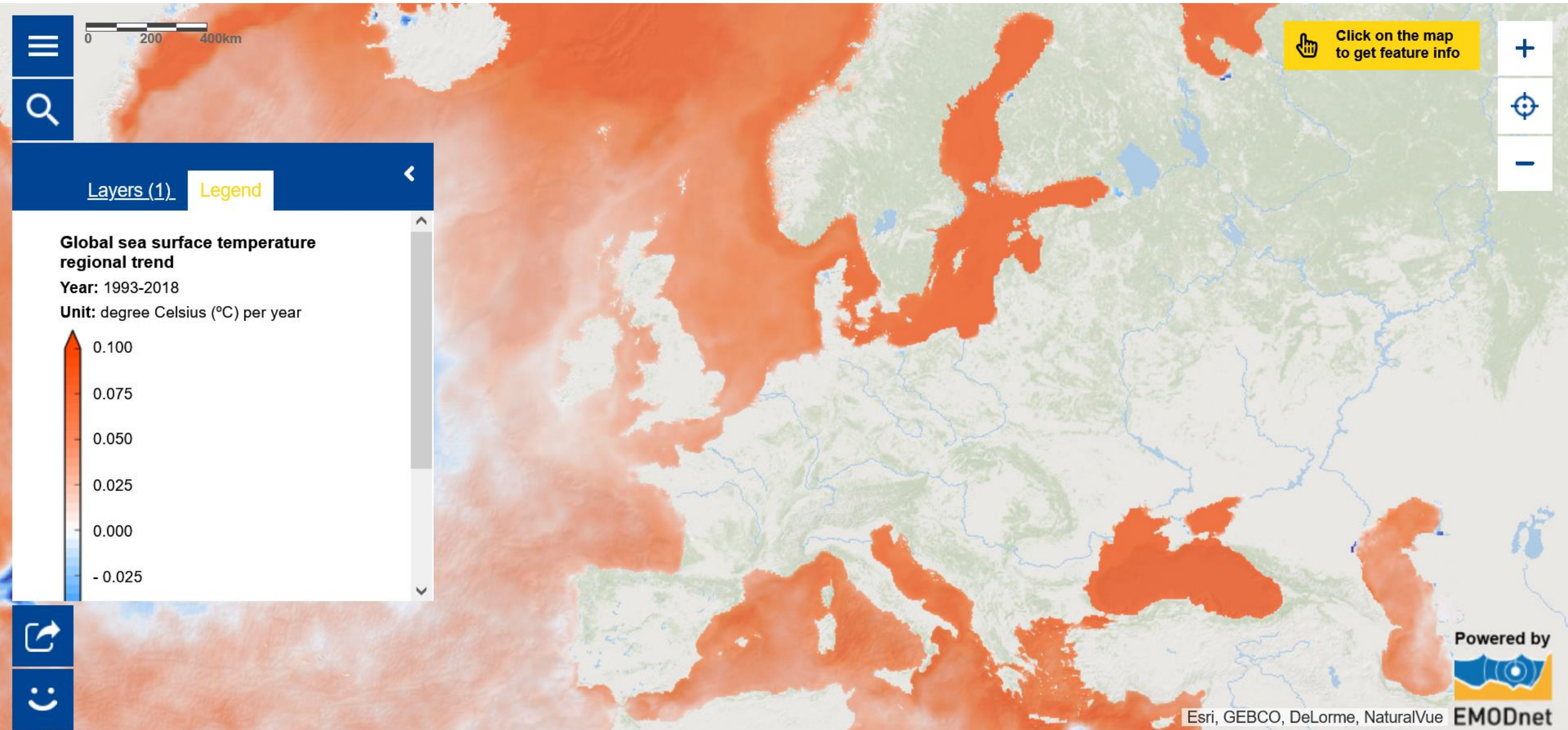
Click on the map to get feature info

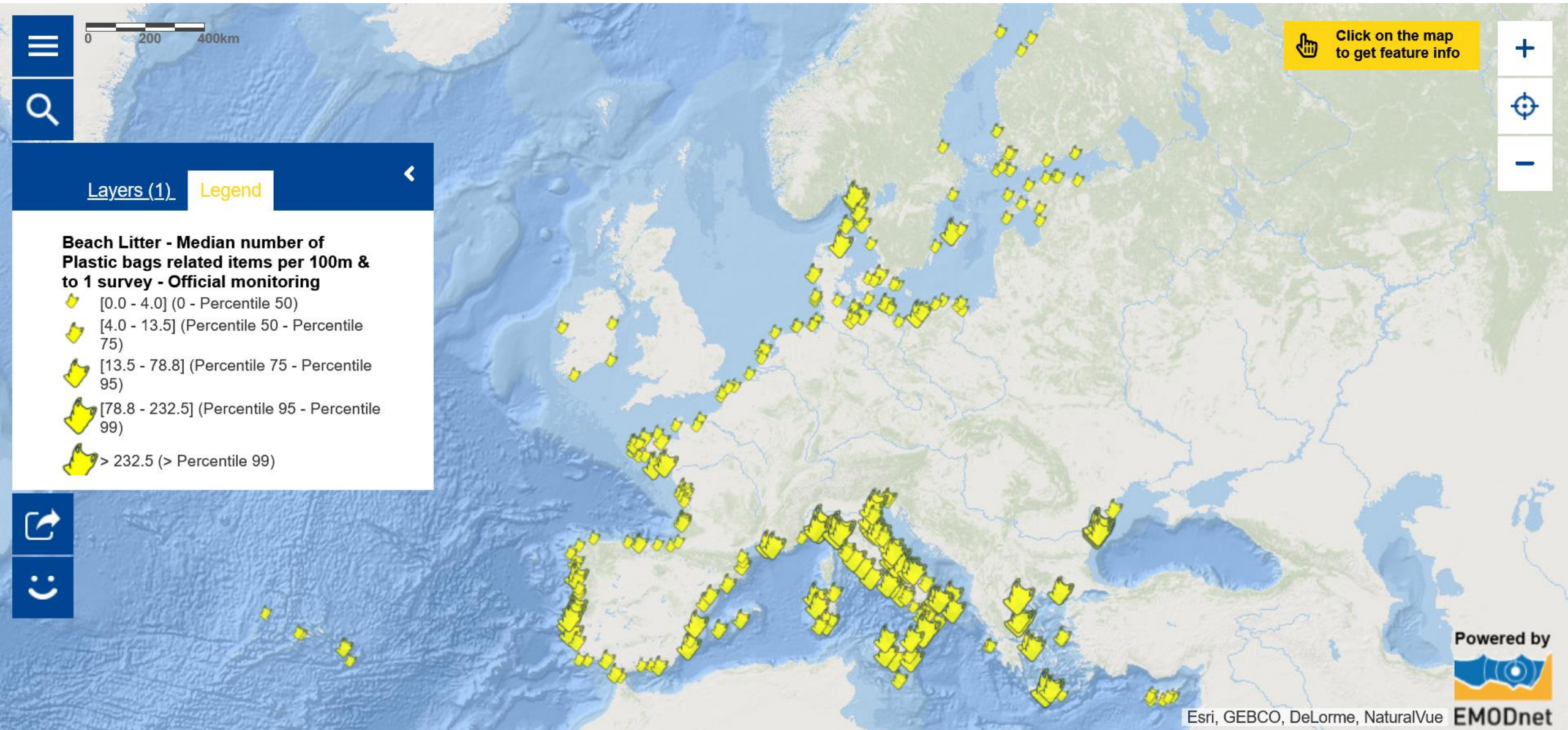




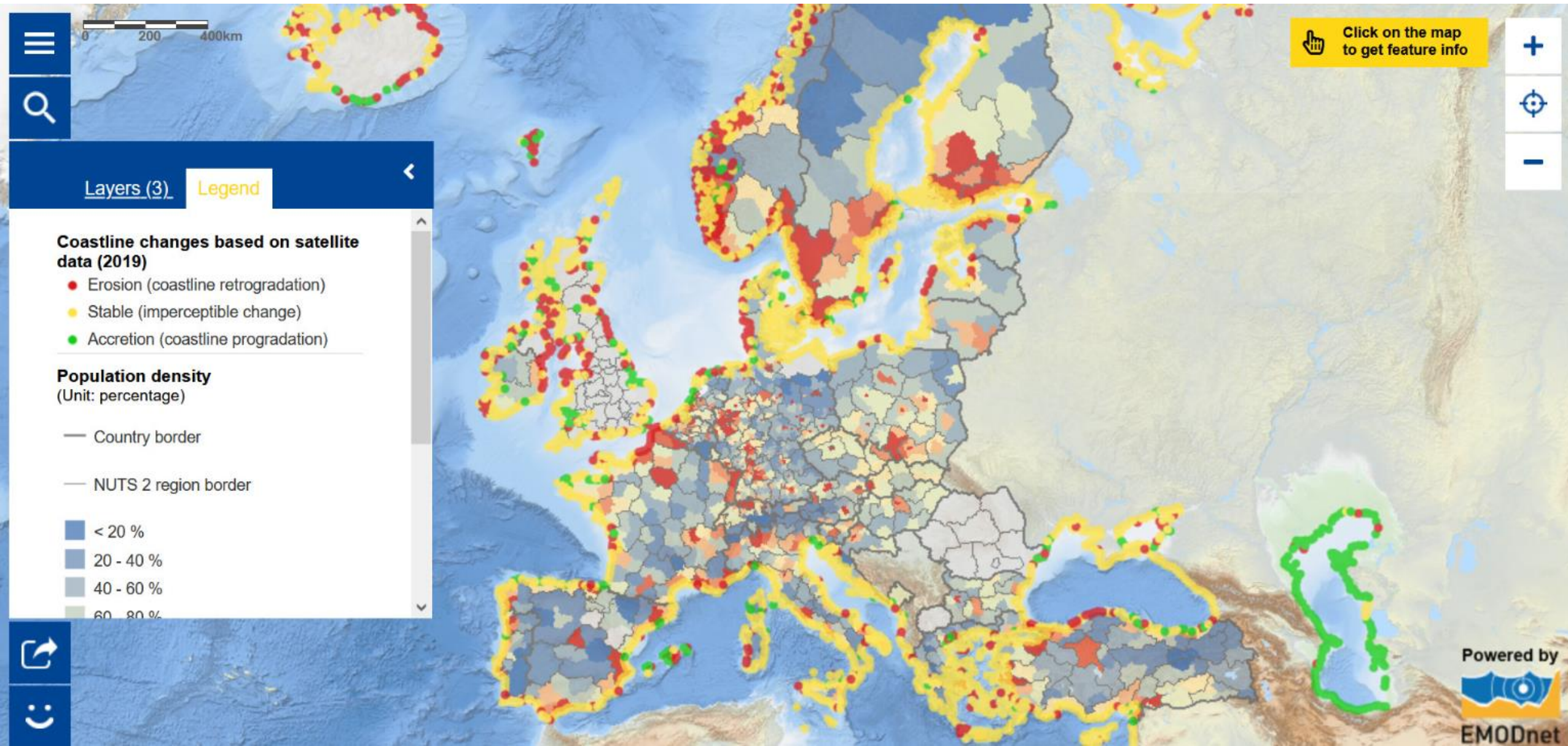
Powered by  Esri, GEBCO, DeLorme, NaturalVue | © European Union, 2008-2019 **EMODnet**







What can we learn from combining layers?



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The European Atlas of the Seas, under the responsibility of the EMODnet Secretariat, pledges to further promote and expand open access to maps covering a wide range of marine topics to the benefit of ocean literacy, education and sustainable development of our ocean, seas and coasts.

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

#MakeEUBlue

#ExploreYourOcean



#ExploreYourOcean with the
@EuropeAtlasSeas

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