

The European Atlas of the Seas

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

Dive in and explore your ocean!

0 300 600km



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

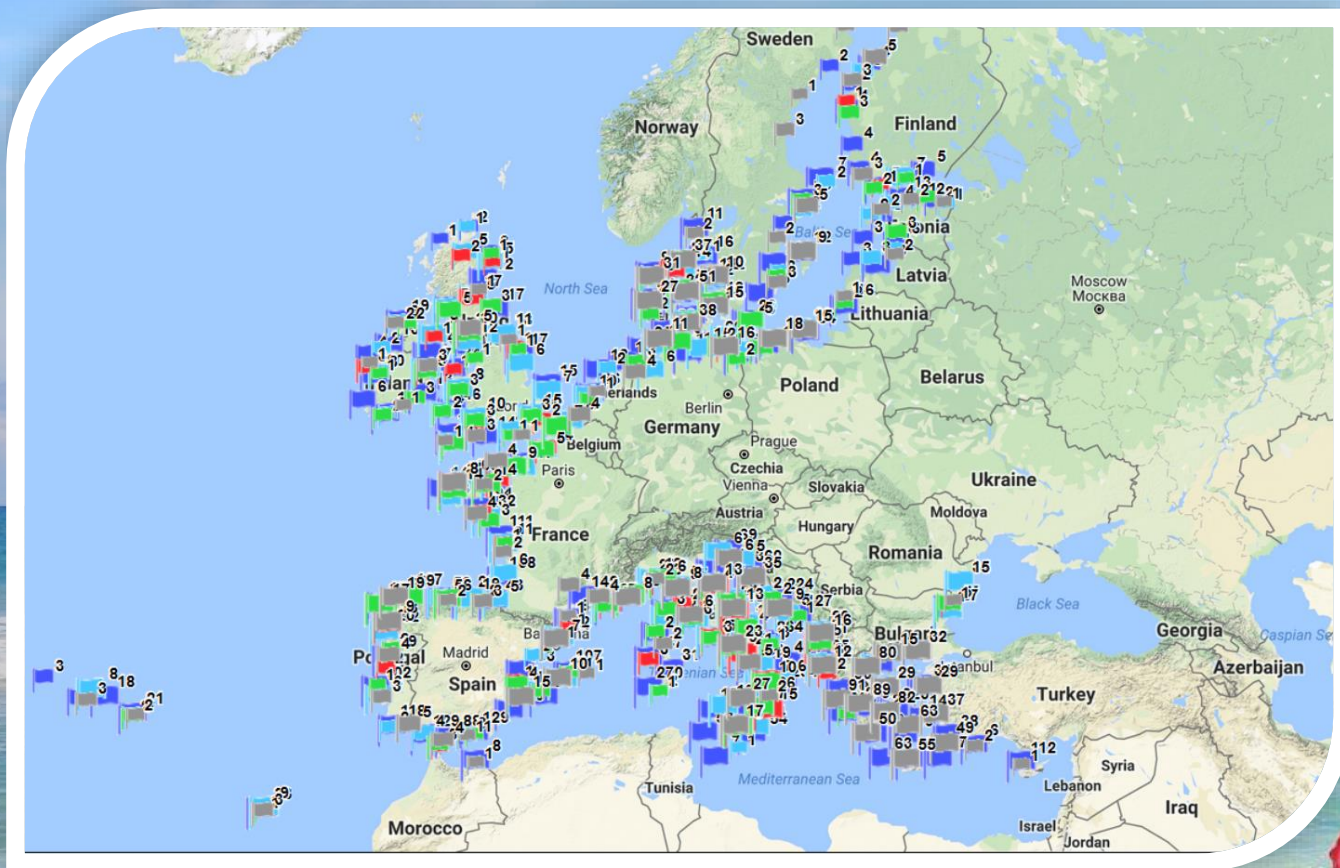
Where can I visit an aquarium?

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

What type of litter can be found in the ocean? 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?

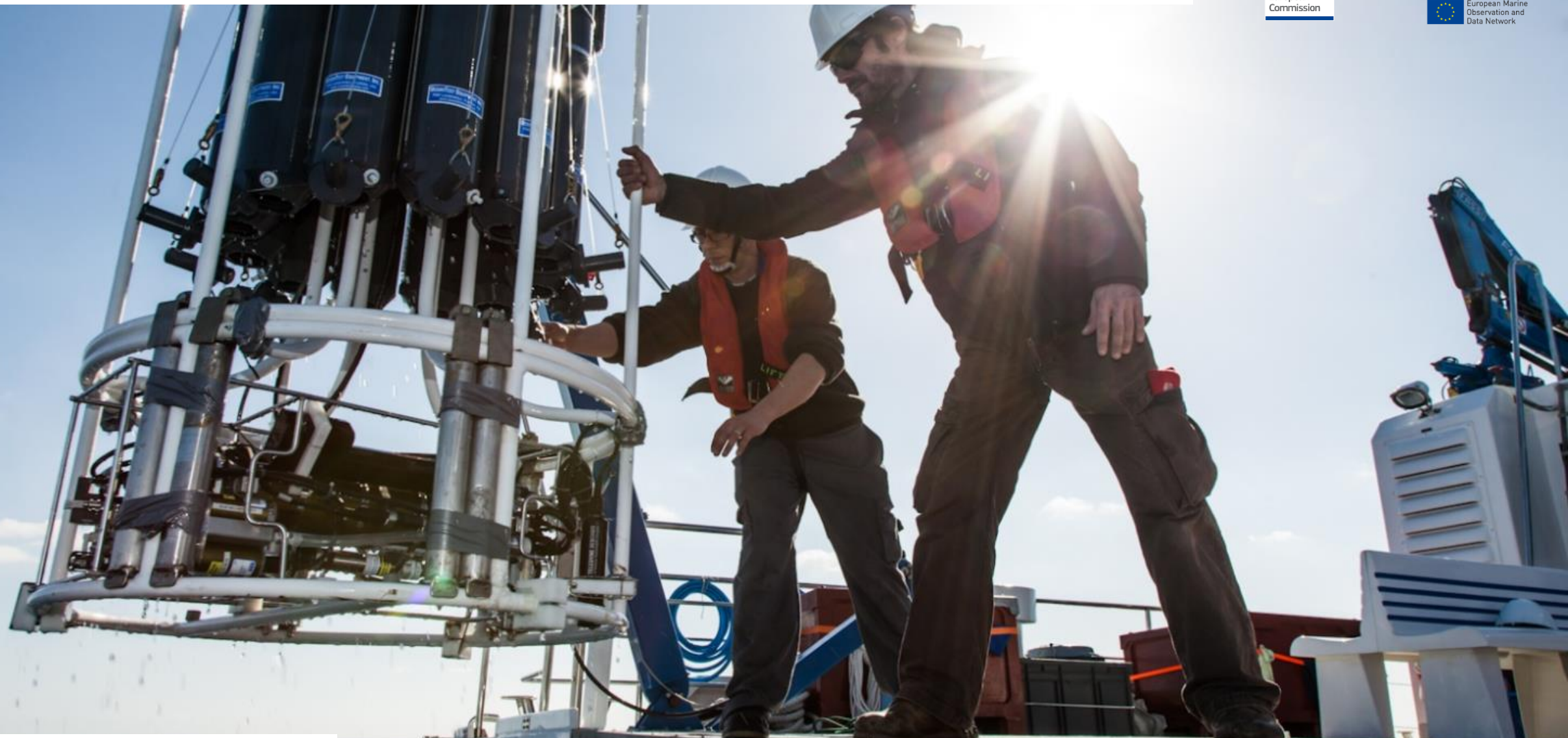


How good is the water quality at this beach?

What type of litter is the most frequently found on beaches?

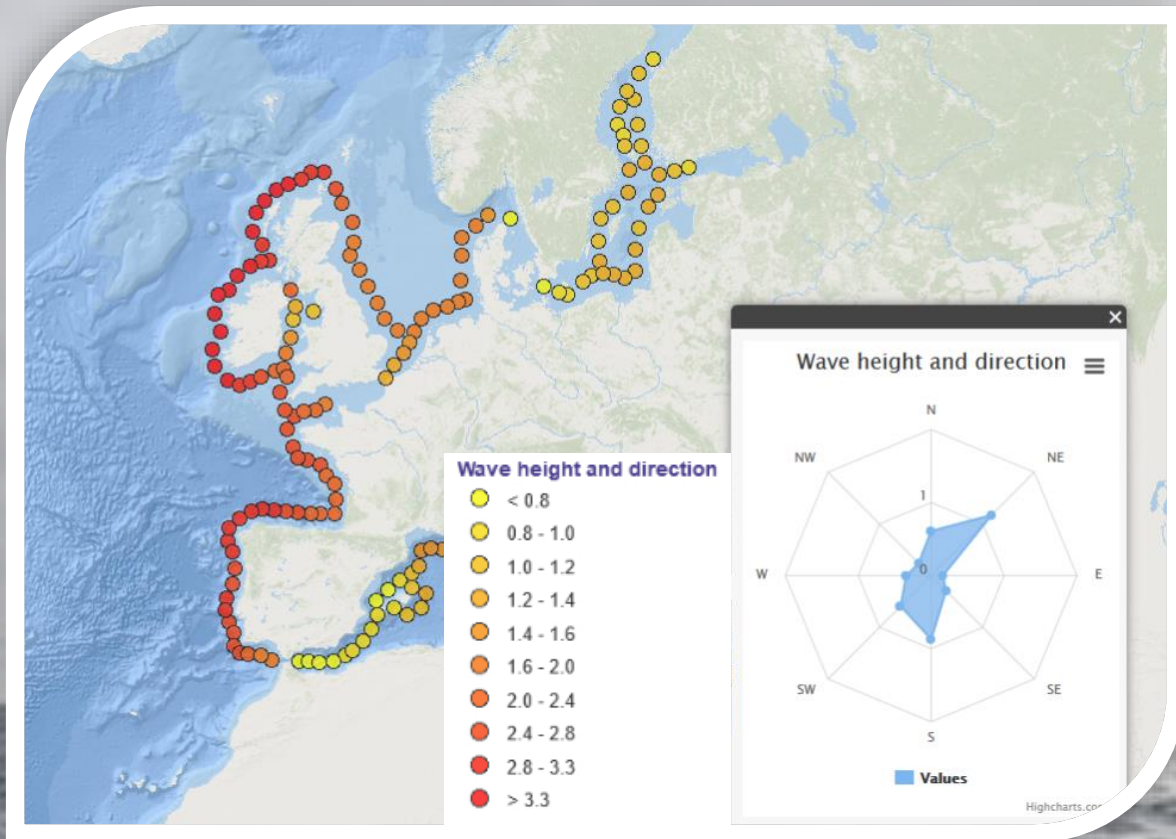


European Marine Observation and Data Network



www.emodnet.eu

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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

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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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 breadcrumb trail: 'European Commission > Maritime Affairs > European Atlas of the Seas'. The main content area has a blue background with a white information icon and the title 'European Atlas of the Seas'. The subtitle 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 blue buttons with white text and icons. 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 'V6' badge), '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 and help icons in 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

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Esri, GEBCO, DeLorme, NaturalVue
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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 logo, a help icon, language selection (English EN), social media links (Follow us), and a feedback icon. A close button (X) is 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", and "Map stories".
- Algae production:** A section with two checked checkboxes, each labeled "Microalgae production facilities" and accompanied by an information icon (i). This section is circled in red.
- Aquaculture:** A section with two unchecked checkboxes: "Aquaculture production" and "Aquaculture production by species", each with an information icon (i).

Additional elements include a search icon in the left sidebar (circled in red), a "Clear all" button, and a "Powered by EMODnet" logo in the bottom right corner.

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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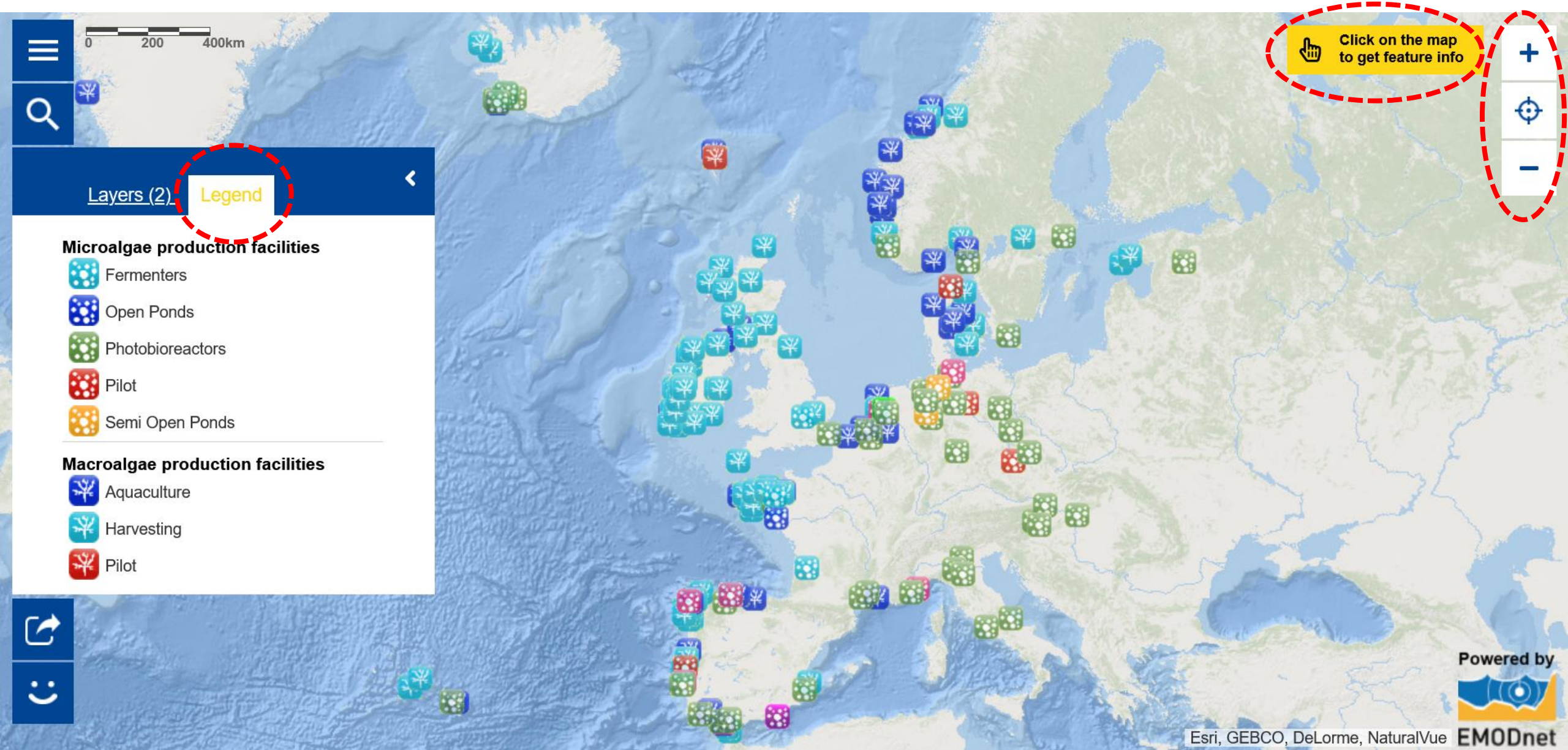
This map shows the microalgae-producing facilities by production methods (photobioreactors, open ponds, fermenters, photobioreactors and open ponds, photobioreactors and fermenters). Data have been collected in the following countries: Belgium, Denmark, Estonia, France, Germany, Ireland, Italy, Norway, 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".

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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 icon. 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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How does it work?

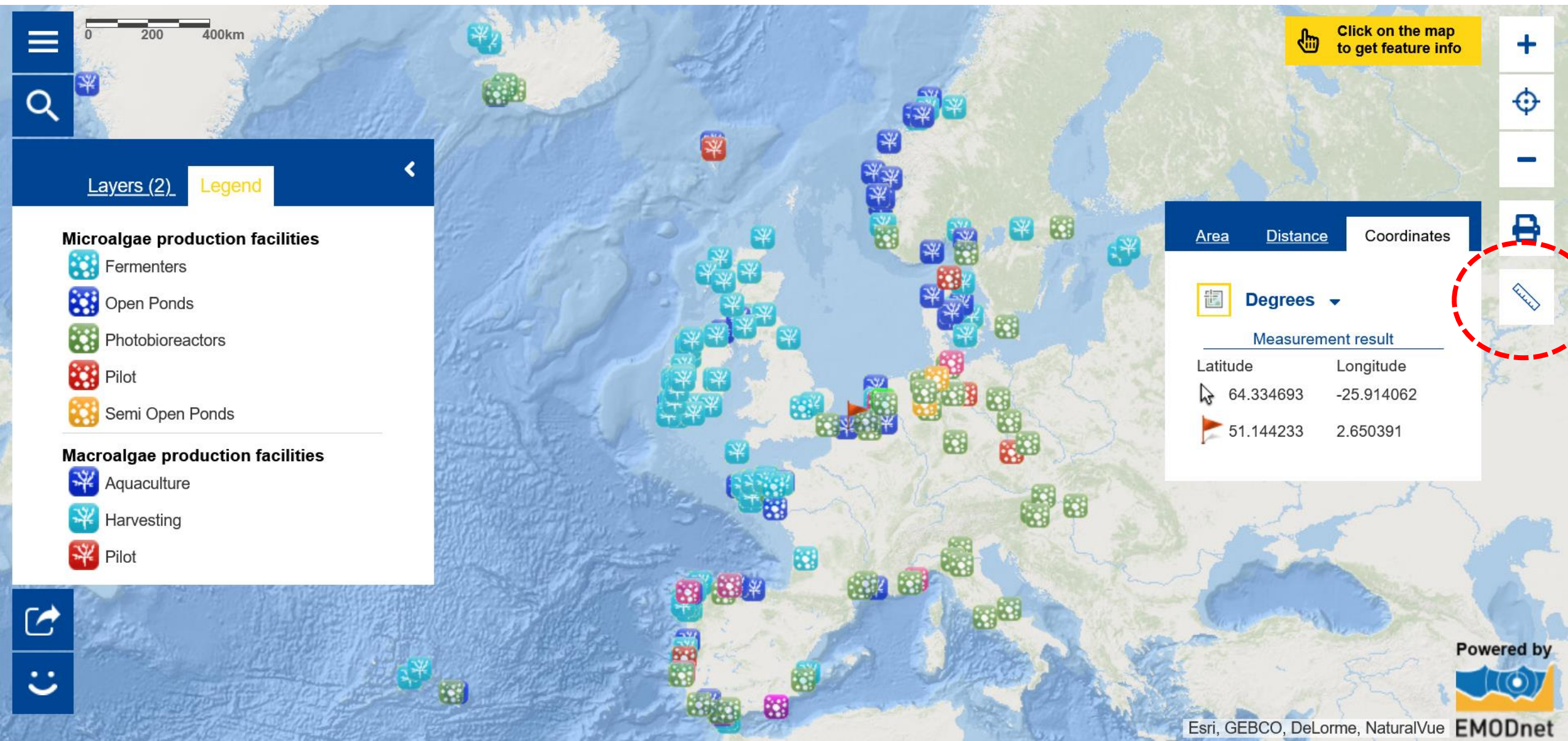
The screenshot shows a web application interface for printing a map. The map is titled "EUROPEAN ATLAS OF THE SEAS" and displays a map of Europe with various colored icons (blue, green, red, yellow) overlaid on it. The map includes a scale bar (0 to 4000km) and a date stamp "May 27, 2021". The scale is 1:147.914.381.

The print interface is titled "Print" and includes the following options:

- Paper size:** A3 Landscape
- Format:** PDF (selected), JPG
- Include legend
- Layers for print** >
- Map title:** EUROPEAN ATLAS OF THE SEAS
- Scale:** 1 : 147.914.381

Navigation and utility elements include a top bar with the European Union flag, a help icon, language selection (English EN), social media links (Follow us), and a feedback link. A "Next >" button is located at the bottom of the print panel. On the left side of the map, there is a vertical toolbar with icons for home, search, layers, and print (circled in red). On the right side, there is another vertical toolbar with zoom in (+), zoom out (-), and print (circled in red) icons.

How does it work?





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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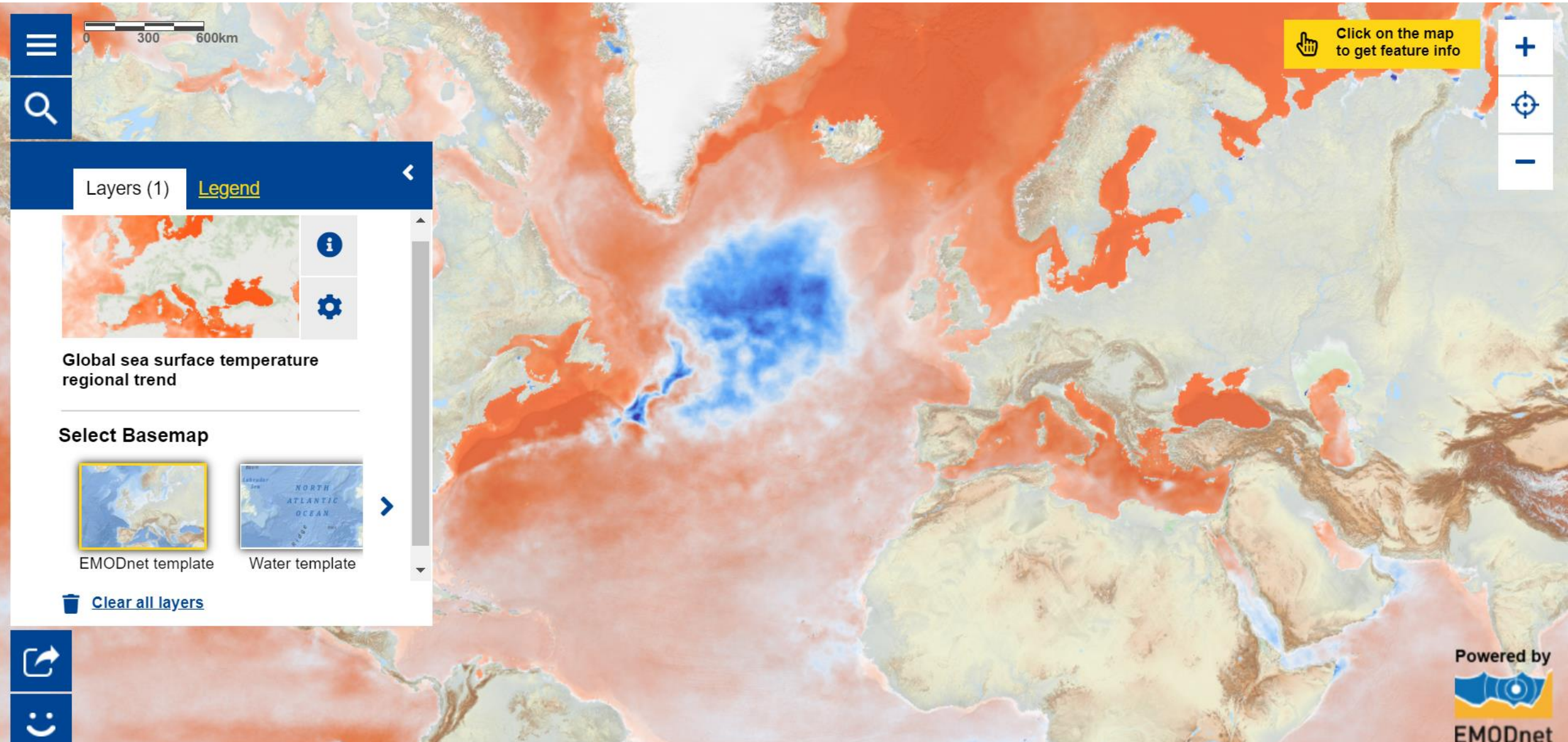
© European Union, 1995-2021 and EuroGeographics for the Administrative boundaries EMODnet

A screenshot of a web application interface. At the top, there is a navigation bar with a language selector (English EN), social media icons (Follow us), and a feedback icon (Give feedback). Below this is a breadcrumb trail: European Commission > Maritime Affairs > European Atlas of the Seas. The main content area features a large blue header with an information icon and the title 'European Atlas of the Seas'. Below the header is a descriptive paragraph. A grid of six blue buttons with white icons and text is displayed: 'Do you need help?', 'Advanced features', 'Atlas overview', 'New Atlas functions v6', 'Teachers corner', and 'Legal notice'. The bottom of the page includes a 'Powered by EMODnet' logo and a copyright notice.



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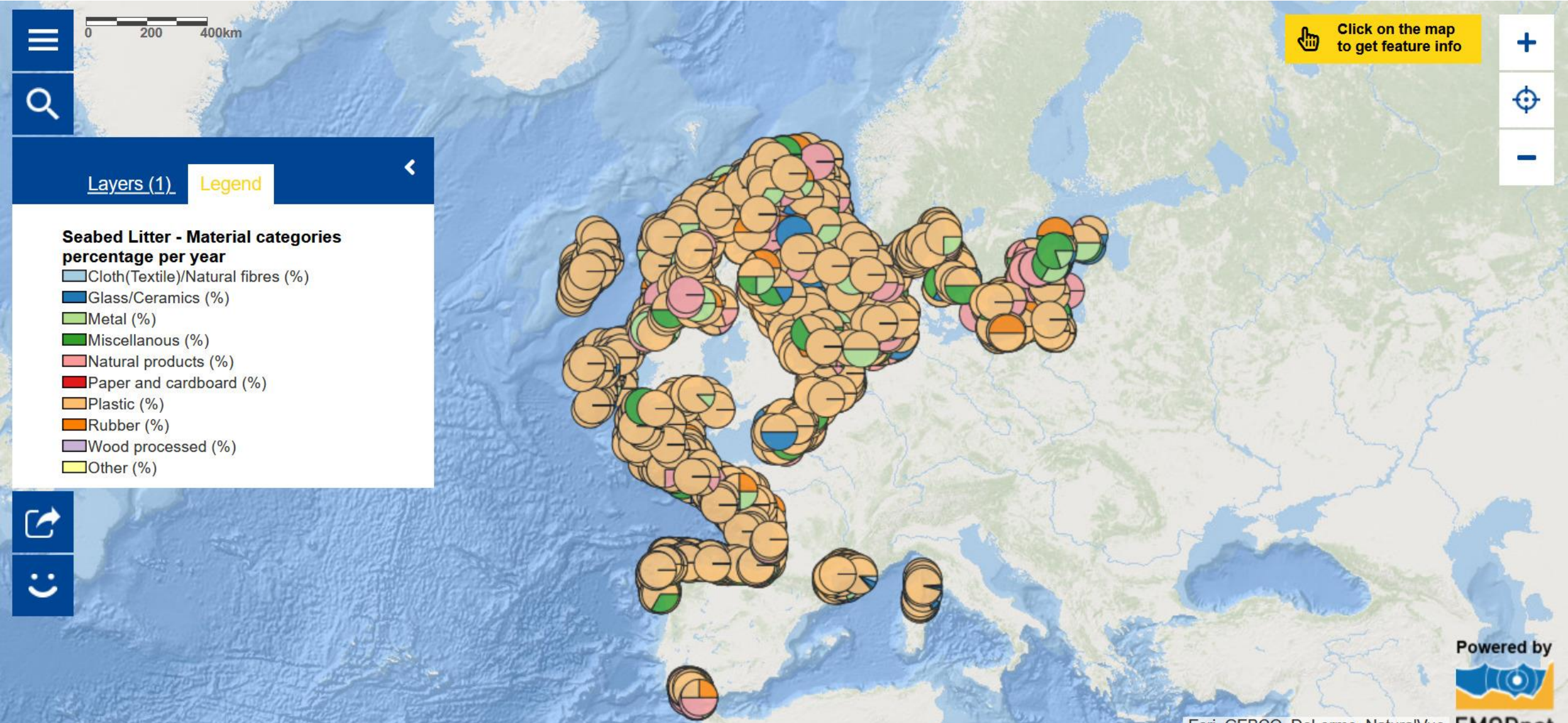
The ocean is warming and land ice is melting



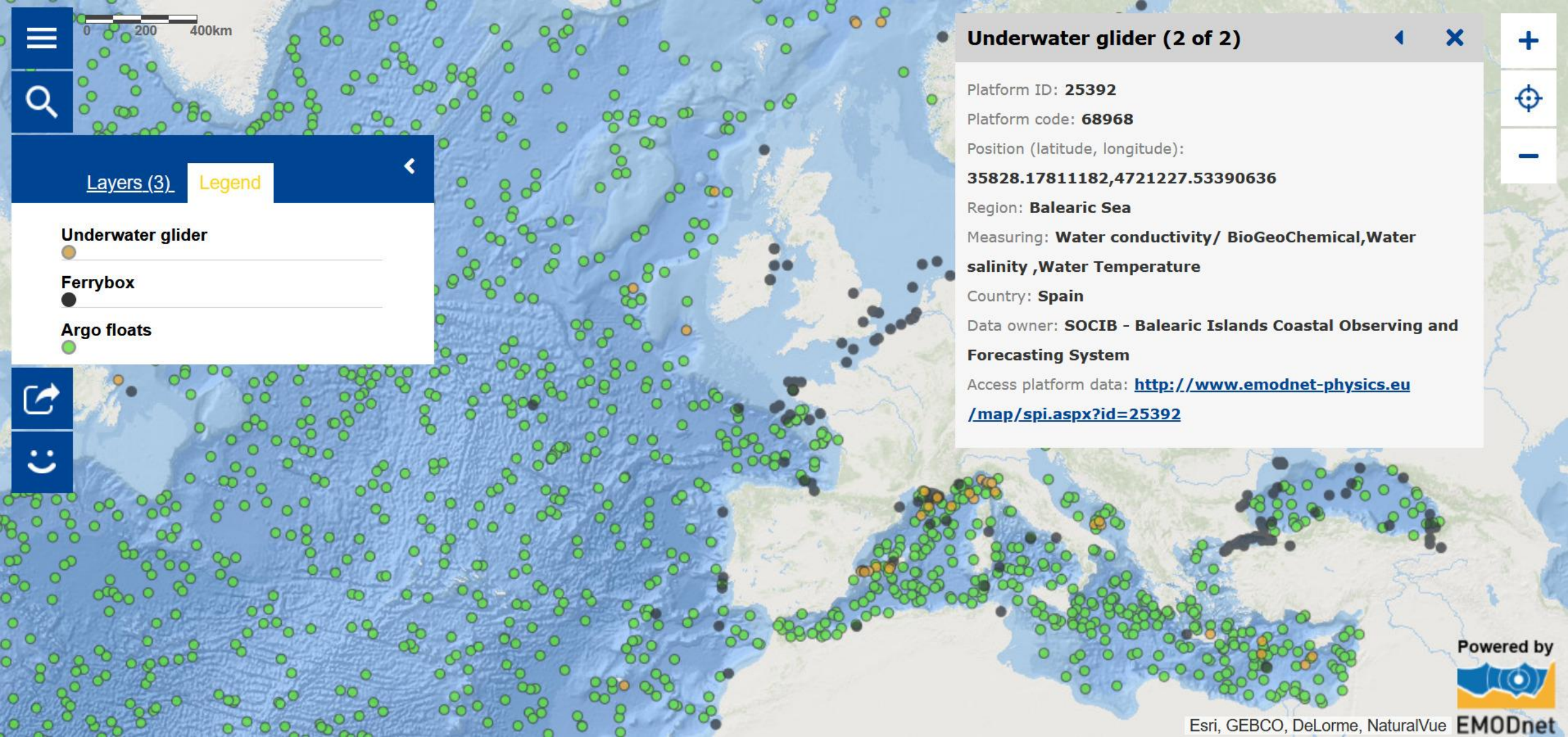
The Blue Economy



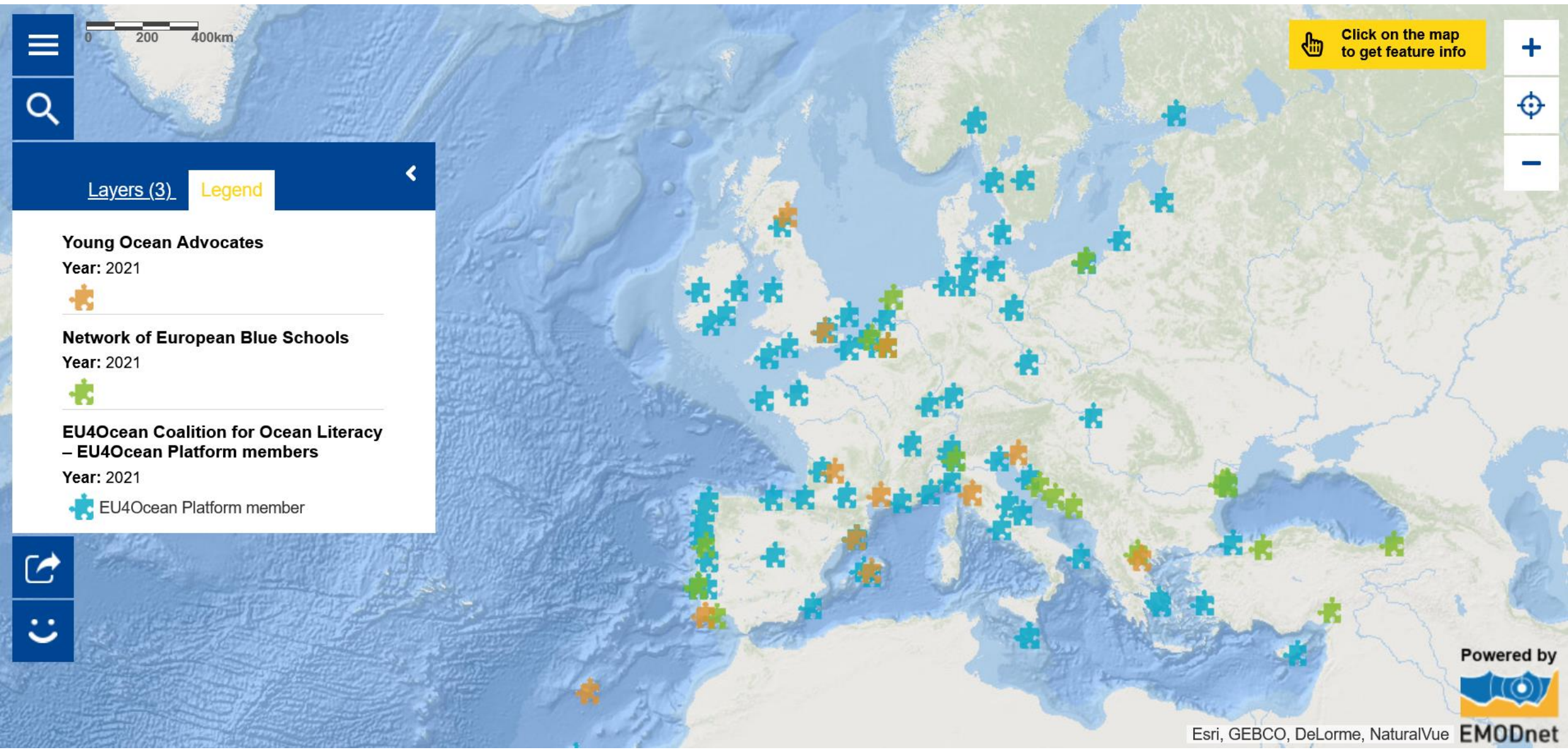
Marine litter



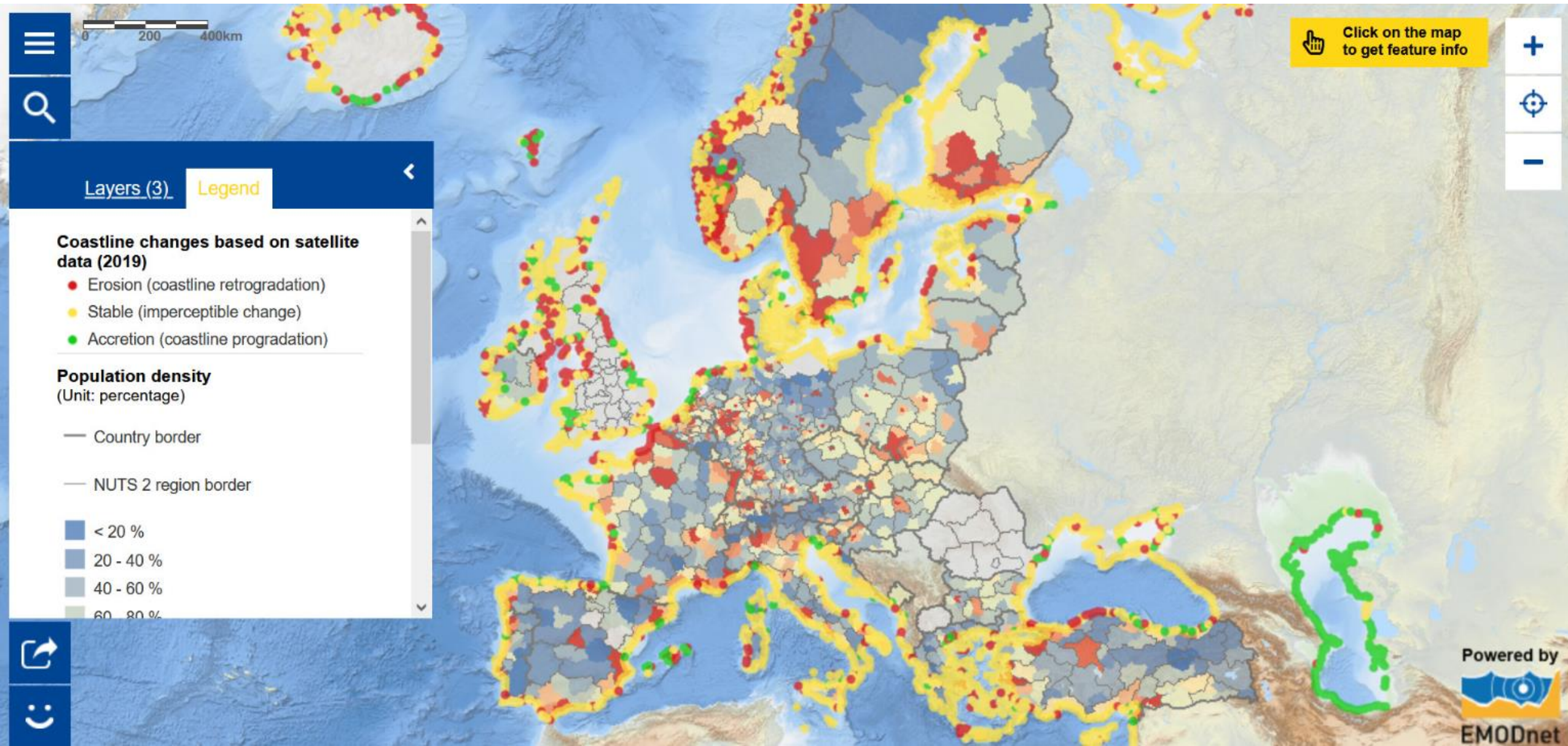
Oceanographic instruments



Ocean Literacy – EU4Ocean Coalition



What can we learn from combining layers?



#ExploreYourOcean

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