

The European Atlas of the Seas

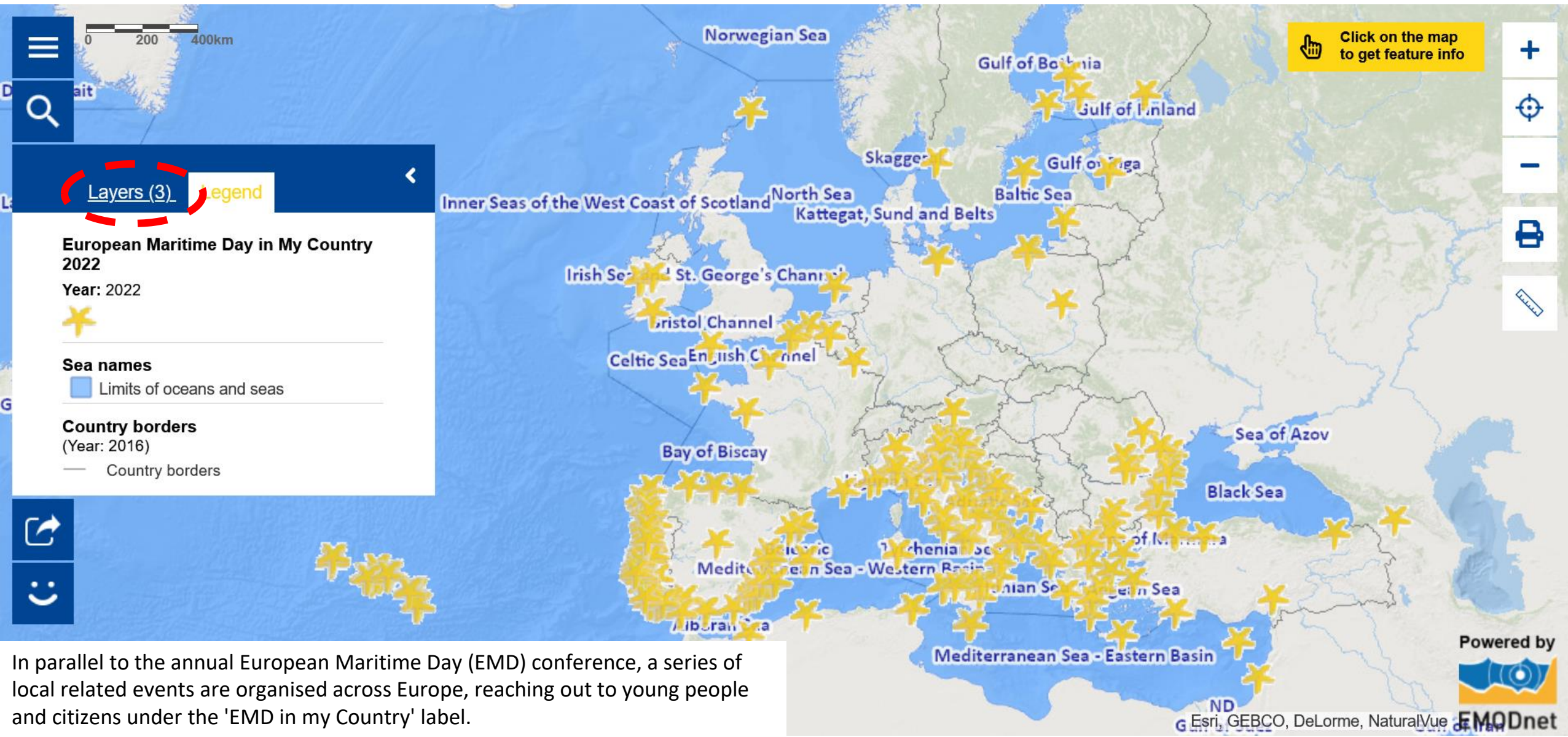
www.european-atlas-of-the-seas.eu

Boat race level 2 (Experienced skipper) - Teachers Guide



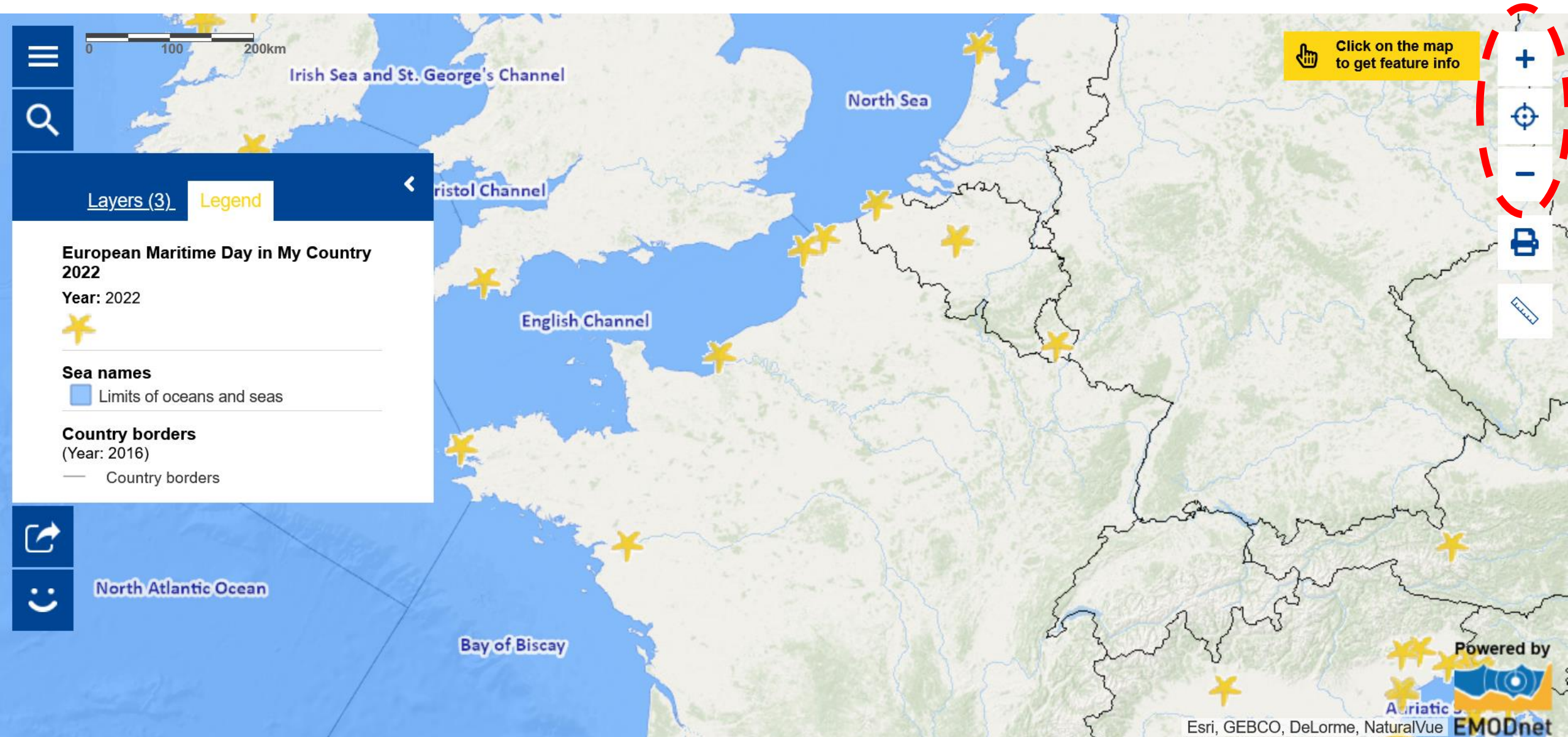
The virtual race takes place in a map combining 3 map layers

Open the [map](#) in the Atlas



In parallel to the annual European Maritime Day (EMD) conference, a series of local related events are organised across Europe, reaching out to young people and citizens under the 'EMD in my Country' label.

To zoom in and out: click on + and -



Read information about an event by clicking on the symbol

Click on the arrow to see other events

European Maritime Day in My Country 2022 (1 of 2)

Event Title: **Interactive family walk in the harbour**

Country: **Belgium**

Event Date: **19/05/2022**

Nature of the event: **Hybrid event (physical & virtual)**

Organiser: **Horizon Educatief**

Website: <https://horizoneducatief.be>

Area Distance **Coordinates**

Degrees

Measurement result

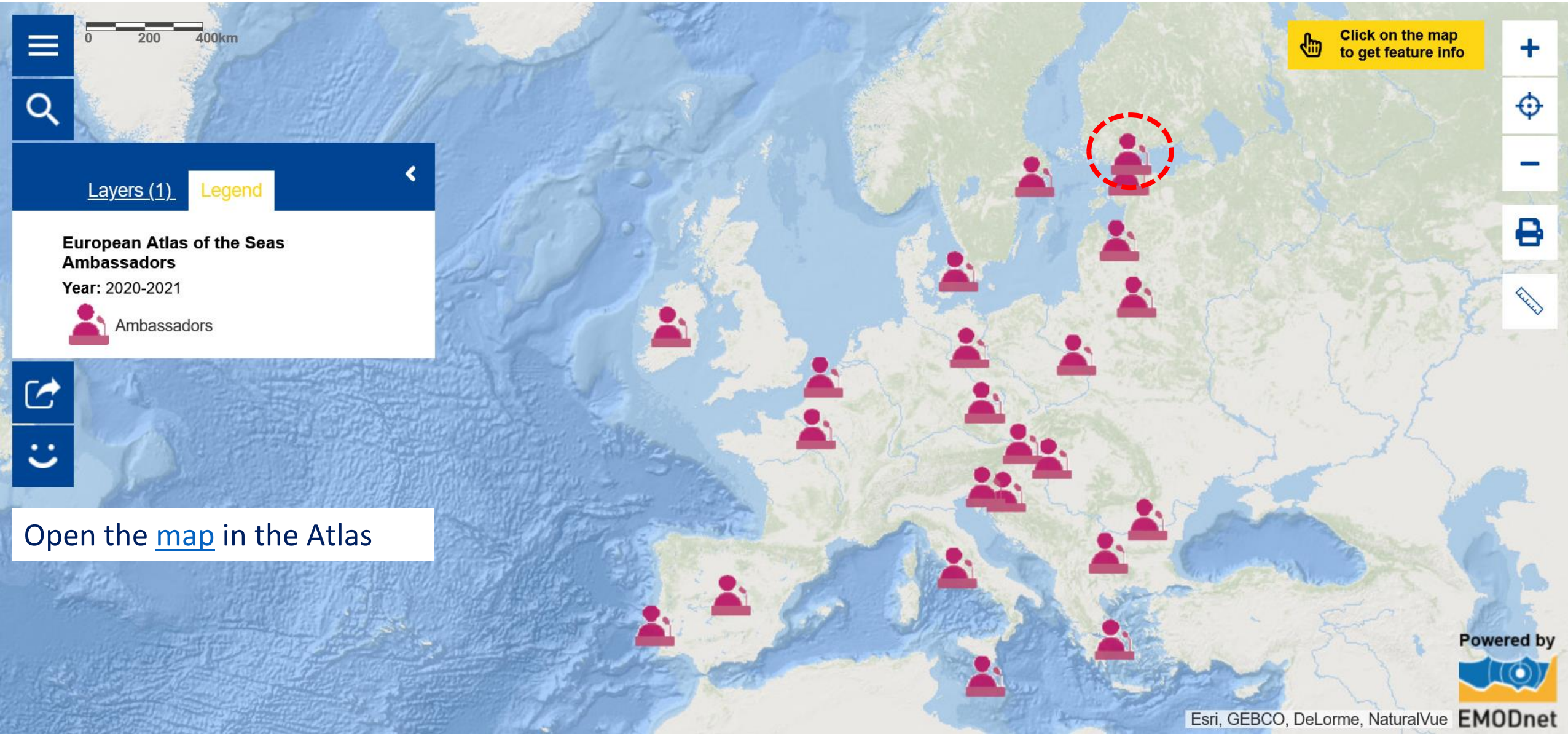
Latitude	Longitude
51.185569	3.353516
51.25438	2.870117

Click on the ruler, map icon and location (starfish symbol) to see the geographical coordinates of a location

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Did you know that one of the European Atlas of the Seas Ambassadors participated in the Vendée Globe in 2020?





Meri voittaa aina. Merta ei voi kontrolloida, mutta sen kunnioittaminen ja tuntemaan oppiminen pitää meidät tällä planeetallamme hengissä. Kun oma suhde mereen muodostuu, antaa se jotain ainutkertaista.

Sea is always the greatest. It cannot be controlled. Respecting and learning about it keeps us alive. I encourage everyone to make friends with the sea - the journey will be worth it.

Ari Huusela
skipper Vendée Globe 2020

Sukella mukaan tutkimaan omaa mertasi!
Dive in and #ExploreYourOcean!

[@EuropeAtlasSeas](https://twitter.com/EuropeAtlasSeas)



European
Commission



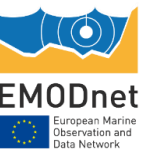
Get ready ...

3...

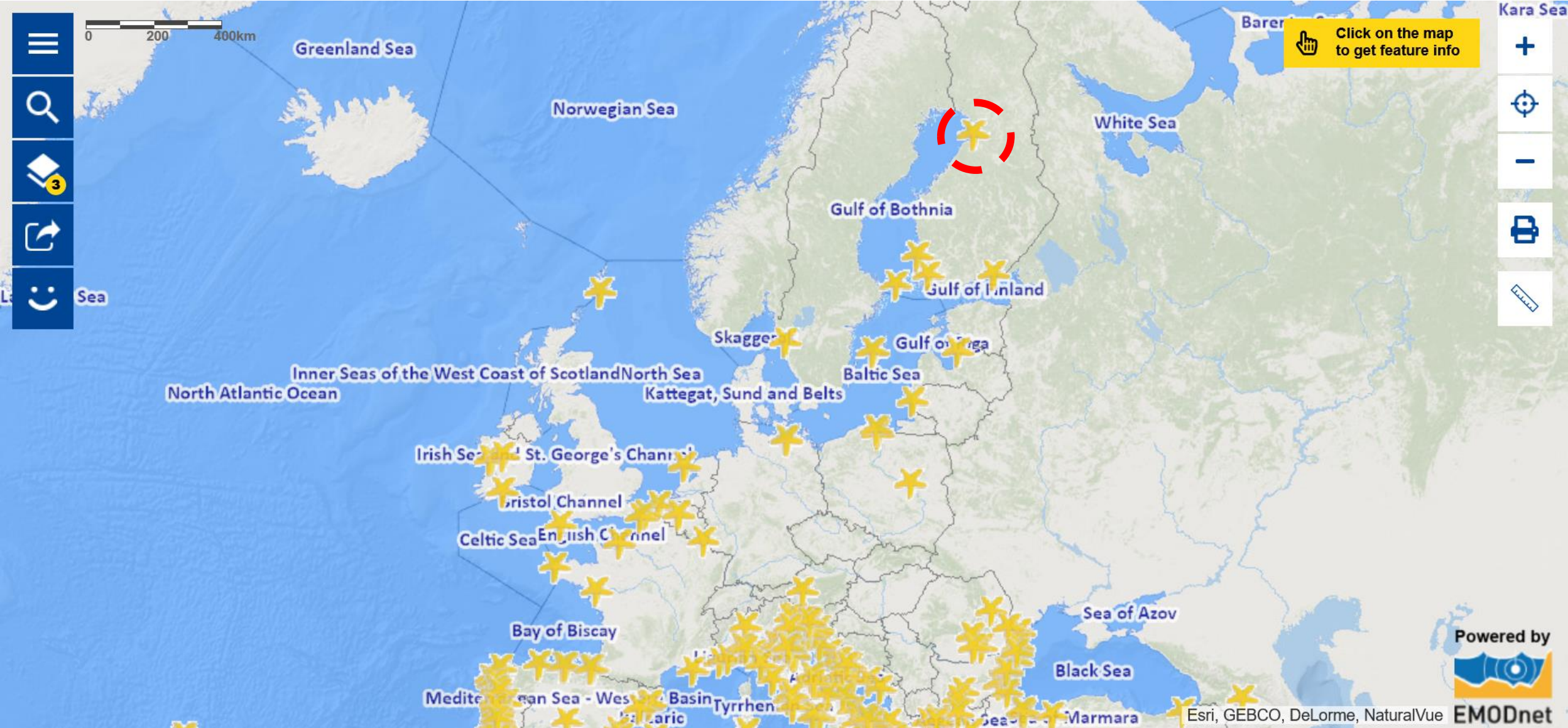
2...

1...

Go!



Step 1: Find the location of the two most northern events. In which country is it located? Who is organising these two events?



Step 1: Find the location of the two most northern events. In which country is it located? Who is organising these two events?

The map displays Europe with numerous yellow star markers indicating event locations. Two information panels are overlaid on the right side of the map, providing details for two events in Finland. The top panel is titled "European Maritime Day in My Country 2022 (1 of 3)". The bottom panel is titled "Greener ports – tools for making ports more energy wise and sustainable". Both panels list the country as Finland and the organizer as the University of Oulu. The event dates are 06/05/2022 and 12/10/2022. The nature of the events are "Physical event" and "Hybrid event (physical & virtual)". The website for both events is <https://www oulu.fi/en/university/faculties-and-units/faculty-technology/water-energy-and-environmental-engineering>. The map also shows various sea names such as the Greenland Sea, Norwegian Sea, Gulf of Bothnia, Baltic Sea, North Atlantic Ocean, and Black Sea.

European Maritime Day in My Country 2022 (1 of 3)

Event Title: **POPCORN Beach Clean-Up**

Country: **Finland**

Event Date: **06/05/2022**

Nature of the event: **Physical event**

Organiser: **University of Oulu**

Website: <https://www oulu.fi/en/university/faculties-and-units/faculty-technology/water-energy-and-environmental-engineering>

Greener ports – tools for making ports more energy wise and sustainable

Country: **Finland**

Event Date: **12/10/2022**

Nature of the event: **Hybrid event (physical & virtual)**

Organiser: **University of Oulu**

Website: <https://www oulu.fi/en/university/faculties-and-units/faculty-technology/water-energy-and-environmental-engineering>

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Step 2: Navigate south in the Baltic Sea towards the German coast. What is the title of the event that was organised there on 24 June 2022?

European Maritime Day in My Country 2022 (1 of 3)

Event Title: **Floating Wetlands – Multi-talented and Plastic Free (Open Day) Schwimmende Pflanzeninseln – Multitalent und plastikfrei (German title)**

Country: **Germany**

Event Date: **24/06/2022**

Nature of the event: **Physical event**

Organiser: **EUCC-D**

Website: <https://eucc-d.de/startseite.html>

Layers (3) Legend

European Maritime Day in My Country 2022
Year: 2022

Sea names
Limits of oceans and seas

Country borders
(Year: 2016)
Country borders

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Step 3: Navigate west, along the coasts of Denmark and into the North Sea. Stop by the most northern event in the North Sea. When is this event taking place?

The image shows a map of Europe and the surrounding seas, with a popup window displaying event information. The popup is titled "European Maritime Day in My Country 2022 (1 of 3)". The event details are as follows:

- Event Title: **Shetland Maritime Heritage Celebration at Sumburgh Head**
- Country: **United Kingdom**
- Event Date: **05/06/2022**
- Nature of the event: **Physical event**
- Organiser: **Shetland Community Wildlife Group.**
- Website: **www.shetlandcommunitywildlife.org**

The map shows the North Sea, North Atlantic Ocean, and various other seas and gulfs. A red dashed circle highlights a yellow star icon in the North Sea, representing the event location. The popup window is titled "European Maritime Day in My Country 2022 (1 of 3)".

Step 4: Continue into the North Atlantic Ocean and sail to the following location: Latitude 53.28 Degrees / Longitude -9.21 Degrees. What country are you in? Who organised the event '3EMD – Secrets of the sea'?

European Maritime Day in My Country 2022 (2 of 5)

Event Title: **3EMD – Secrets of the Sea**

Country: **Ireland**

Event Date: **07/05/2022**

Nature of the event: **Physical event**

Organiser: **Galway Atlantaquaria LTD**

Website: <https://www.nationalaquarium.ie/>

Legend

Sea names

- Limits of oceans and seas

Country borders
(Year: 2016)

- Country borders

Area | **Distance** | **Coordinates**

Measurement result

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Step 5: Continue your journey into the Celtic Sea until you reach the French coast. What event was organised there on 26 September 2022

European Maritime Day in My Country 2022 (1 of 2)

Event Title: **SEA TECH WEEK®, the international marine science and technology week (26th to 30th September 2022)**

Country: **France**

Event Date: **26/09/2022**

Nature of the event: **Physical event**

Organiser: **SEA TECH WEEK® is organised by Technopôle Brest-Iroise in the framework of the Campus mondial de la mer, which is the France's foremost community of experts in the study and economic development of the ocean and located at the tip of Brittany. SEA TECH WEEK® is supported by Brest metropole city council, Brittany Region and European Union (ERDF).**

Website: <https://www.campusmer.fr/>

Map labels: Skagerrak, Inner Seas of the West Coast of Scotland, Celtic Sea, English Channel, Bristol Channel, Bay of Biscay, Mediterranean Sea - Western Basin, Tyrrhenian, Adriatic Sea, Ionian, Aegean, Black Sea.

Legend:

- European Maritime Day in My Country 2022
- Year: 2022
- Sea names
 - Limits of oceans and seas
- Country borders (Year: 2016)
 - Country borders

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Step 6: Head south to the northern coast of Spain. What is the name of the Bay you have reached? You will see 3 groups of events. Click on the group in the middle. Find the event organised by Asociacion Economica Navigatio. When was it organised?

European Maritime Day in My Country 2022 (3 of 4)

Event Title: **CITIZENSHIP and OCEAN**

Country: **Spain**

Event Date: **20/07/2022**

Nature of the event: **Physical event**

Organiser: **ASOCIACION ECONOMICA NAVIGATIO**

Website: **<https://www.bahiadesantander-codigo.com/>**

Area Distance Coordinates

Nautical Miles

Measurement result

299.6 Nautical Miles

Sea names

- Limits of oceans and seas

Country borders (Year: 2016)

- Country borders

European Maritime Day in My Country 2022

Year: 2022

Layers (3) Legend

0 150 300km

Inner Seas of the West Coast of Scotland

Celtic Sea

English Channel

Bristol Channel

Bay of Biscay

Mediterranean Sea - Western Basin

Tyrrhenian Sea

Balearic

Irish Sea

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Step 6: Click on the website address to learn about the Coastal Code they have developed. The website is available in English and in Spanish. Click on 'Coastal Code'. Which three concepts form the basis of the Coastal Code?

The image shows a browser window with the URL <https://en.bahia-desantander-codigo.com/código-costero>. The website header includes the logo "Coastal Code Santander Bay" and navigation links: "BEGINNING", "SANTANDER BAY", "COAST CODE", "COLLABORATE", and "ABOUT US". There are also language selection icons for Spanish and English. The main content area features the title "COAST CODE BAHIA DE SANTANDER" and the subtitle "Your code of good practices for the sustainable use and enjoyment of the Bay. It is based on three concepts:". Below this, three yellow boxes contain the words "respect", "protect", and "enjoy". At the bottom, a yellow box contains the phrase "knowingly and responsibly". Three images illustrate these concepts: a person wearing a mesh net (respect), a person holding plastic bottles (protect), and people playing in the ocean (enjoy).

European Atlas of the Seas × CÓDIGO COSTERO | Codigocost × +

← → ↻ 🏠 🔒 https://en.bahia-desantander-codigo.com/código-costero 67% ☆ 🇪🇸 🇬🇧

Coastal Code Santander Bay

BEGINNING SANTANDER BAY **COAST CODE** COLLABORATE ABOUT US

COAST CODE BAHIA DE SANTANDER

Your code of good practices for the sustainable use and enjoyment of the Bay
It is based on three concepts:

respect **protect** **enjoy**

knowingly and responsibly

Step 7: Navigate towards the south of Portugal. Sail to the following location: Latitude 37.14 Degrees / Longitude -7.64 Degrees. What is the title of the event organised by Tavira Ciência Viva Science Centre on 20 May 2022?

European Maritime Day in My Country 2022 (3 of 5)

Event Title: **Climate Change**

Country: **Portugal**

Event Date: **20/05/2022**

Nature of the event: **Physical event**

Organiser: **Tavira Ciência Viva Science Centre**

Website: <https://tavira.cienciaviva.pt/>

Area Distance Coordinates

Degrees ▾

Measurement result

Latitude	Longitude
37.137584	-7.643799
37.137584	-7.643799

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Mediterranean Sea - in
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Step 8: Sail further south towards de Strait of Gibraltar and into the Mediterranean Sea. Sail along the Spanish coast until you reach the Balearic Islands. Two events have been organised there. When did the Clean Boating event take place?



Step 9: Your next stopover is on an island country located south of Italy at a distance of 596 nautical miles from the previous stopover. Click on the group of events. The fifth event is a boat tour with a marine biologist. Who is it organized by?

European Maritime Day in My Country 2022 (5 of 9)

Event Title: **A Boat Tour with a Marine Biologist**

Country: **Malta**

Event Date: **12/07/2022**

Nature of the event: **Physical event**

Organiser: **Birdlife Malta**

Website: www.birdlifemalta.org

Area Distance Coordinates

Nautical Miles

Measurement result

596.4 Nautical Miles

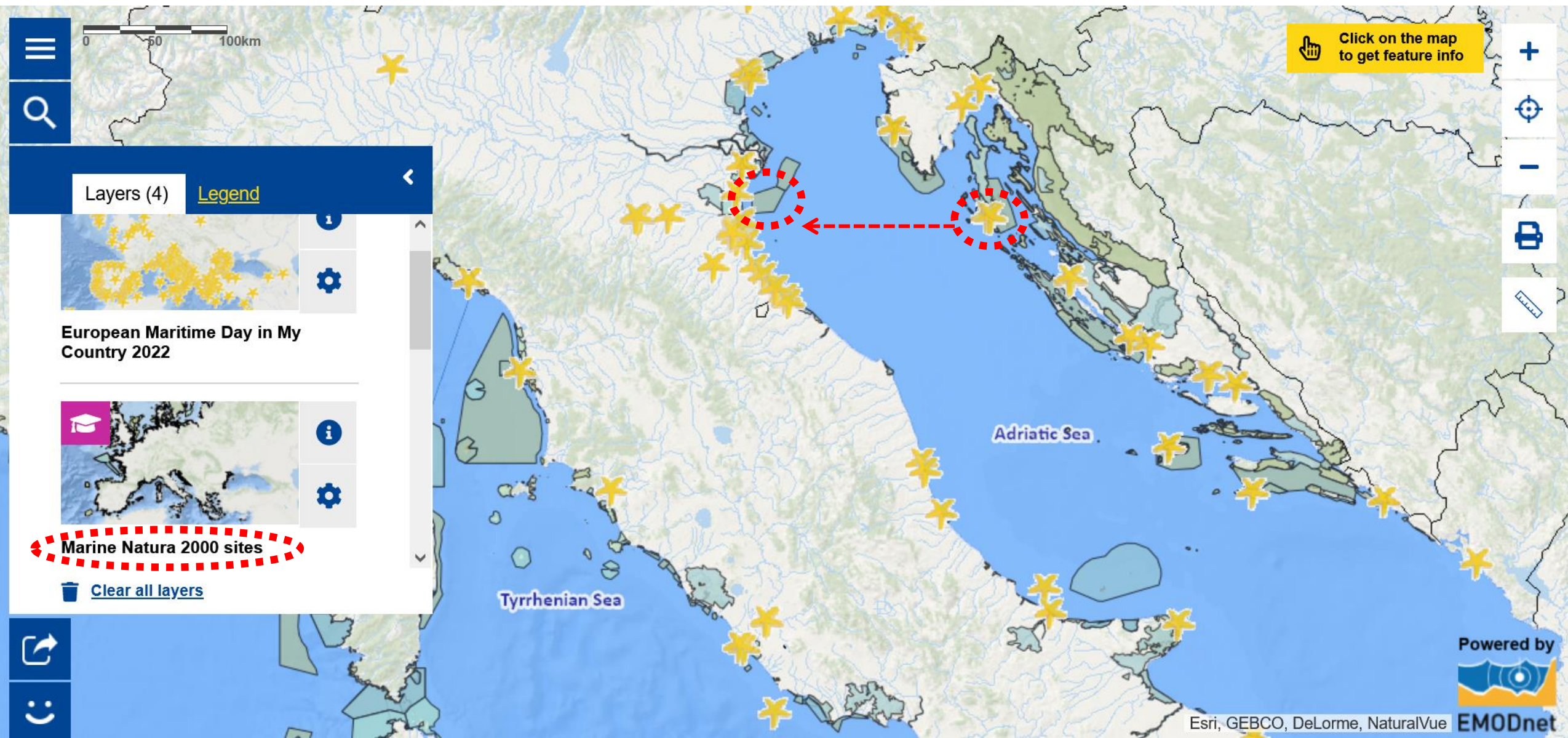
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Step 10: Sail towards the Adriatic Sea and find the events organised at the following location in Croatia: Latitude 44.55 Degrees / Longitude 14.47 Degrees. On which date was World Sea Turtle Day celebrated?



Step 11: Navigate across the Adriatic Sea towards the Italian coast. Stay south of the Natura 2000 site Adriatico settentrionale – Emilia-Romagna. Many events are organized there! Zoom in on the city where you see most events.



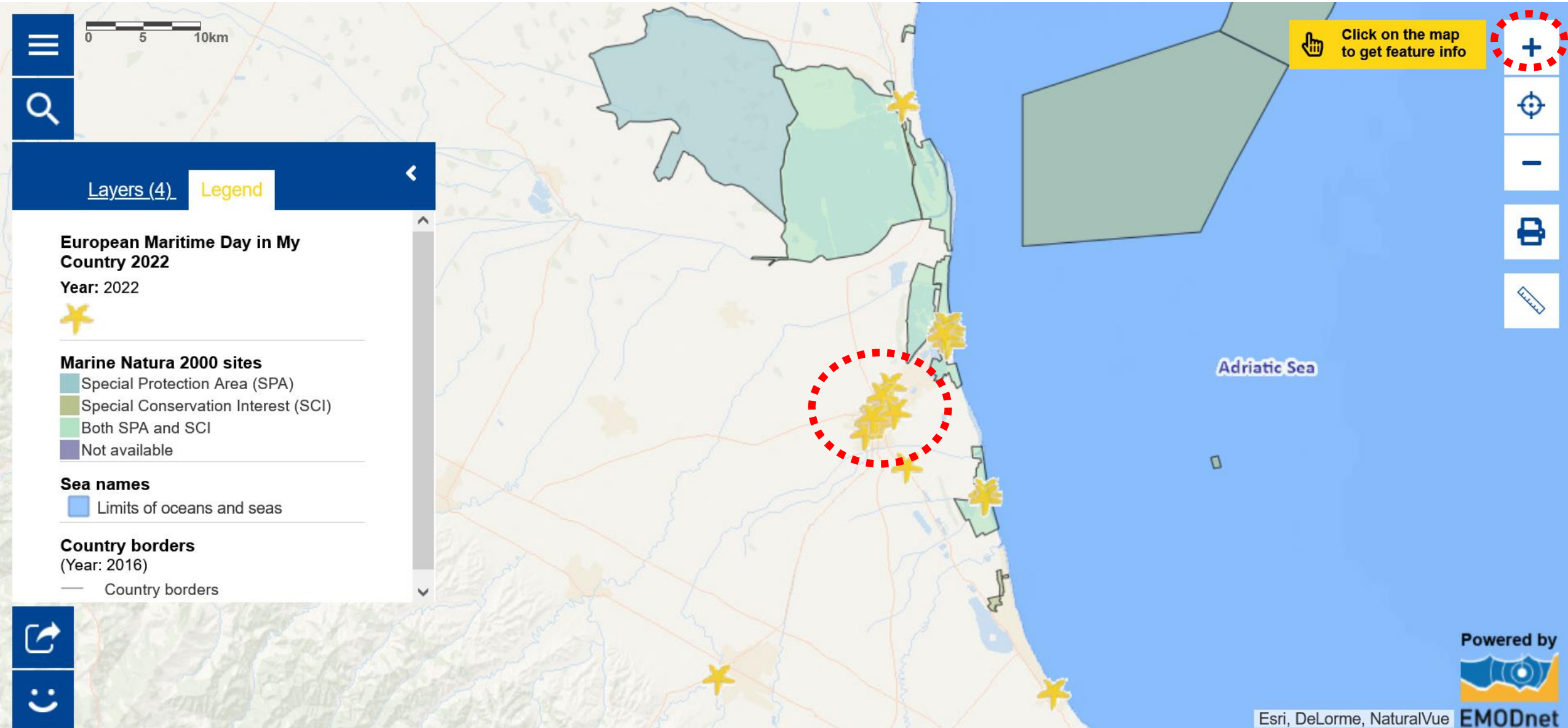
Step 11: Close the map layer with the Sea Names if the map reacts slowly. Zoom in on the city where you see most events.

The image shows a web map interface with a map of the Mediterranean region. The map is overlaid with numerous yellow star markers, representing events. A red dashed circle highlights a cluster of these markers in the central part of the map, with a red dashed arrow pointing to it from a yellow callout box in the top right corner that says "Click on the map to get feature info".

In the bottom left, a layer control panel is visible. It has a title "Layers (4)" and a "Legend" link. The first layer, "Sea names", is highlighted with a red dashed circle. It has a visibility icon (an eye) and a trash can icon, both of which are also circled in red. The visibility is currently set to 75%. Below it, there is a "Country borders" layer with a graduation cap icon. At the bottom of the panel is a "Clear all layers" button.

The map interface includes a scale bar (0, 50, 100km) in the top left, a search icon, and a vertical toolbar on the right with icons for zoom in (+), zoom out (-), home, print, and a ruler. The map labels "Adriatic Sea" and "Tyrrhenian Sea" are visible. The bottom right corner features the text "Powered by" above the EMODnet logo, and "Esri, GEBCO, DeLorme, NaturalVue" below it.

Step 11: Zoom in on the city where you see most events.



Step 11: Zoom in. Walk towards the following location: Latitude: 44.42 Degrees / Longitude: 12.20 Degrees. Deactivate the measure tool. Click on the starfish again.

The screenshot shows a web map interface with a zoomed-in view of a coastal area. The map displays several yellow starfish markers. A red triangle marker is positioned on one of the starfish. A yellow callout box in the top right corner says "Click on the map to get feature info".

Layers (4) Legend

- European Maritime Day in My Country 2022**
Year: 2022
★
- Marine Natura 2000 sites**
 - Special Protection Area (SPA)
 - Special Conservation Interest (SCI)
 - Both SPA and SCI
 - Not available
- Sea names**
 - Limits of oceans and seas
- Country borders**
(Year: 2016)
 - Country borders

Measurement tool panel:

Area Distance Coordinates

Degrees ▾

Measurement result

	Latitude	Longitude
👁	44.417519	12.200085
🚩	44.417396	12.200085

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0 0.3

English EN Follow us Give feedback

Boat race

Layers (

European M 2022 Year: 2022

Fill in the form

Congratulations for completing the race!

Now you can download your diploma

Your name?


Your boat's name?

Get your diploma

Click to download the diploma

Download and share your diploma!



A seagull is perched on a vertical wooden post that extends from the water. Above the bird, a series of three small white circles lead to a large, white, cloud-like thought bubble. The background is a vast expanse of blue water with gentle ripples. The text inside the thought bubble reads: "Impressive! Well done! Hope you enjoyed the boat race!"

Impressive! Well done!
Hope you enjoyed the boat race!

Welcome to Ravenna! Explore other maps in the Atlas ...



Are there UNESCO world heritage sites in Ravenna?

Open the [map](#) in the Atlas

UNESCO world heritage (Year: 2017)

- Maritime or coastal UNESCO world heritage site
- Other UNESCO world heritage site

UNESCO world heritage

Early Christian Monuments of Ravenna

City and Province of Ravenna, Emilia-Romagna Region, Italy

Cultural site

World heritage site since 1996

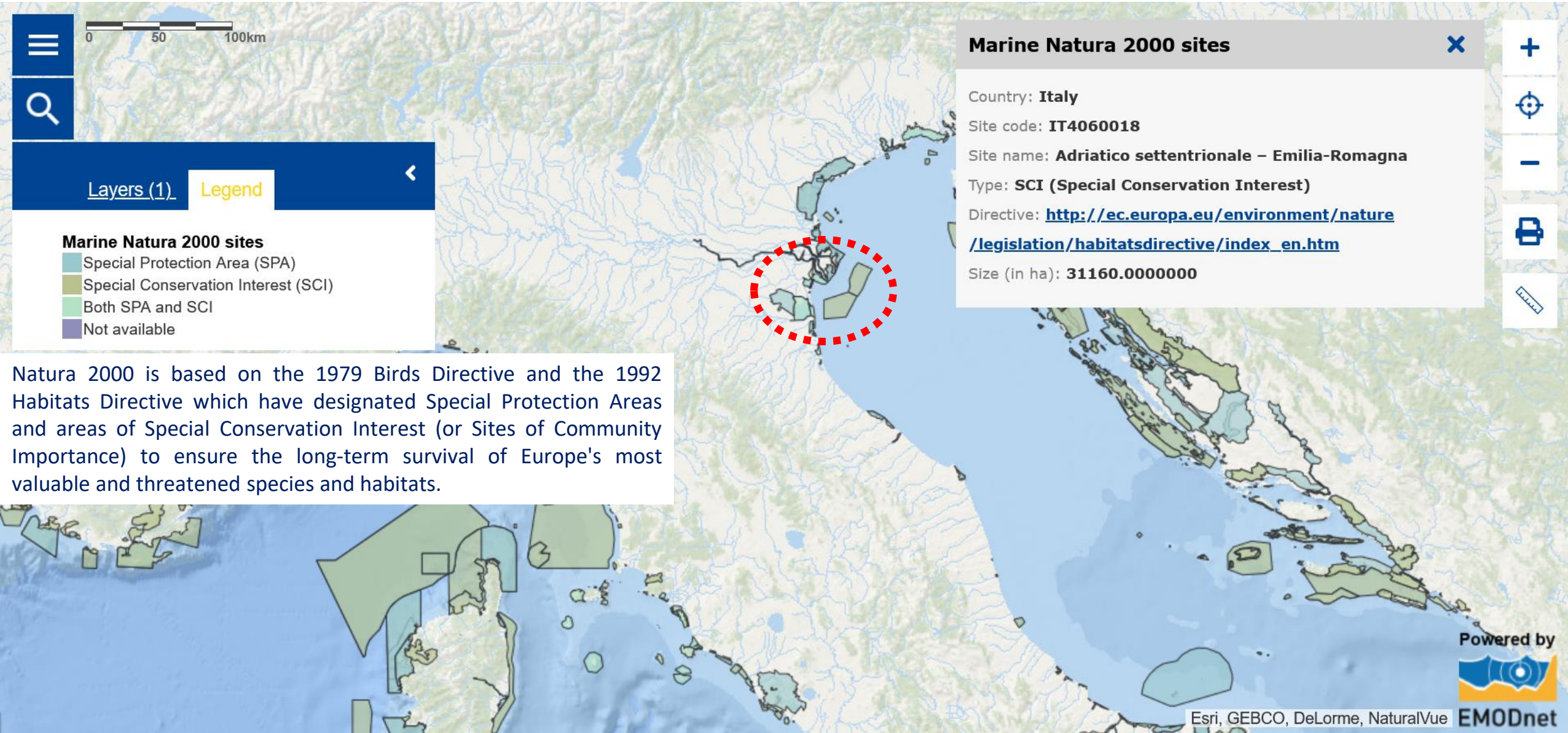
[More information](#)

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Where are nearby NATURA 2000 sites located?

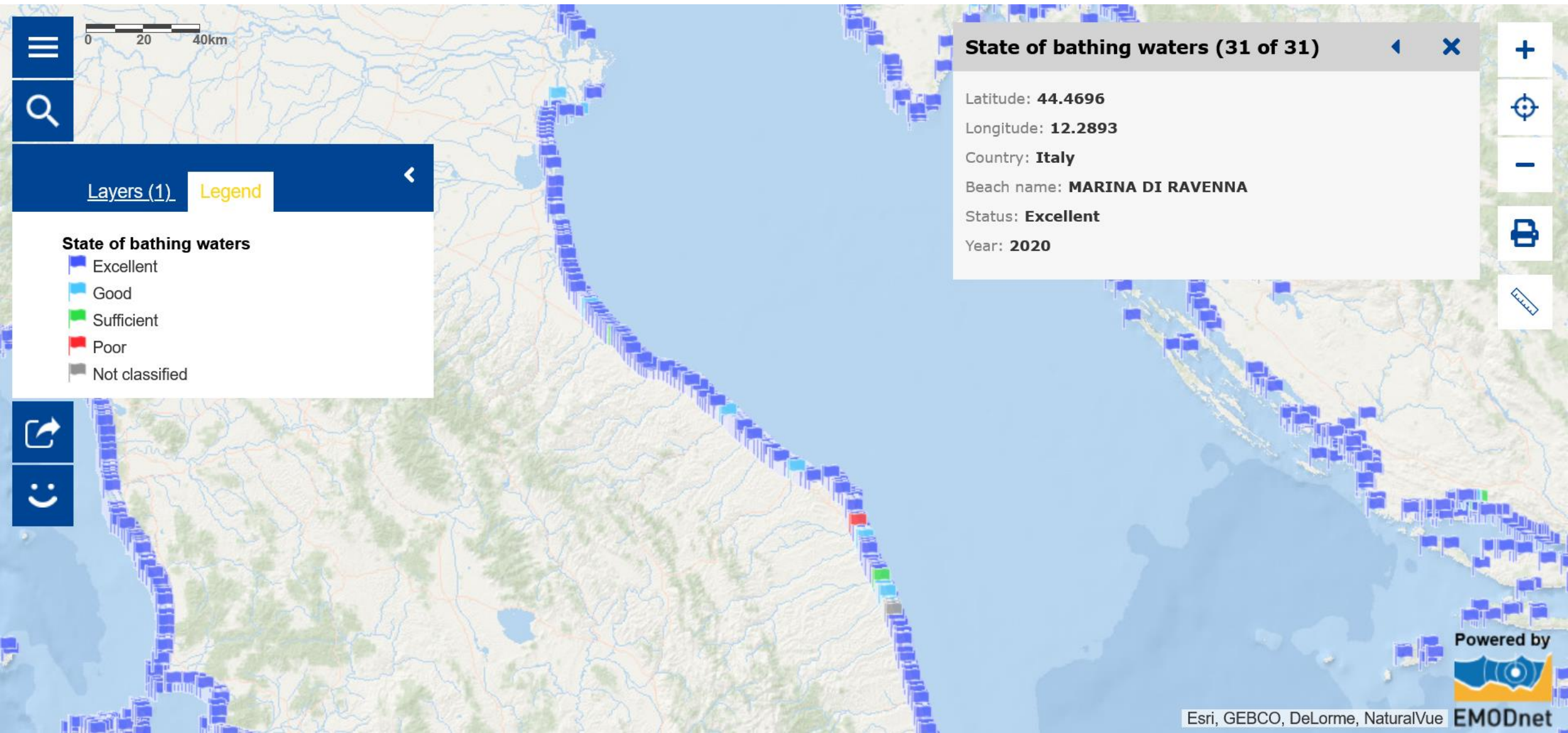
Open the [map](#) in the Atlas



Natura 2000 is based on the 1979 Birds Directive and the 1992 Habitats Directive which have designated Special Protection Areas and areas of Special Conservation Interest (or Sites of Community Importance) to ensure the long-term survival of Europe's most valuable and threatened species and habitats.

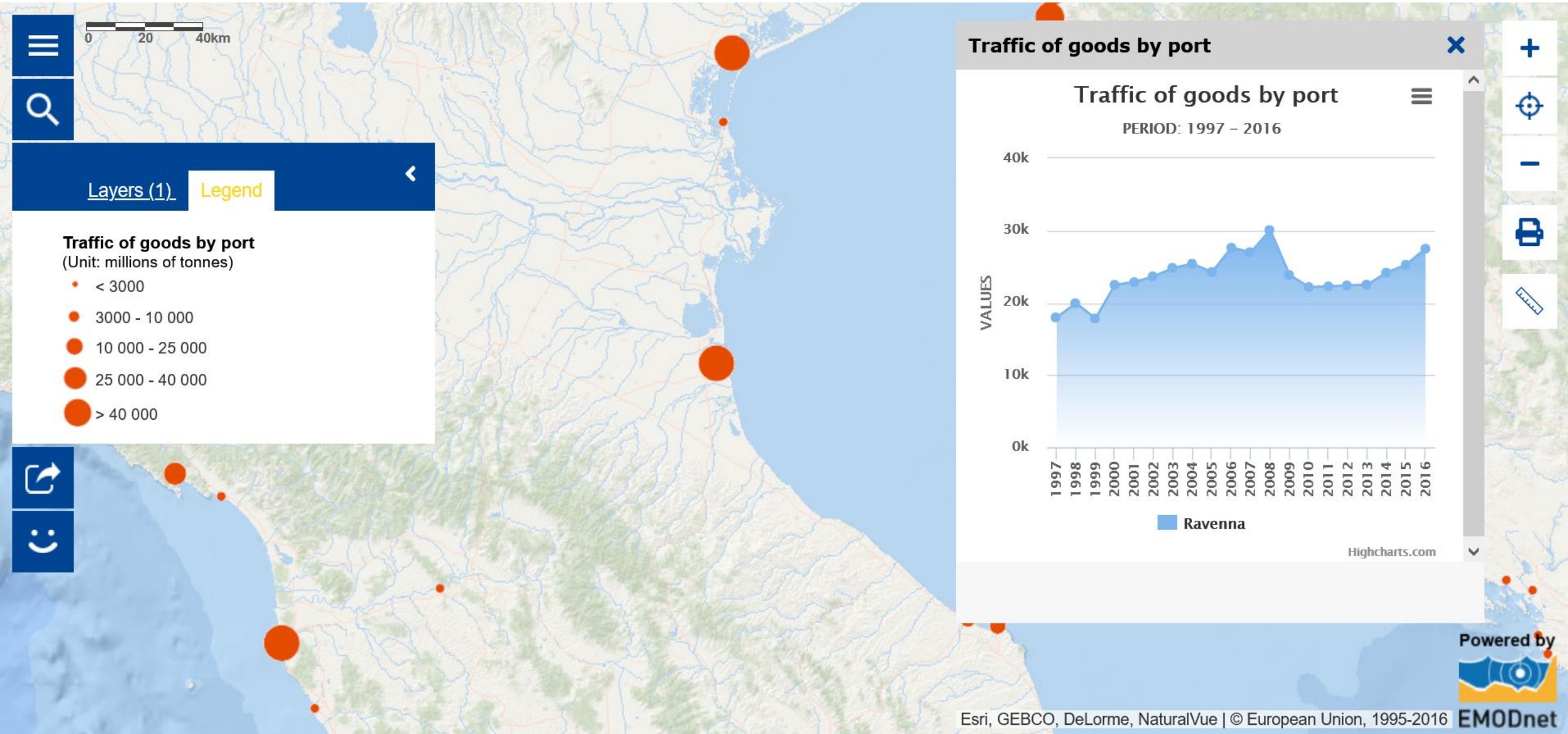
What is the bathing water quality?

Open the [map](#) in the Atlas

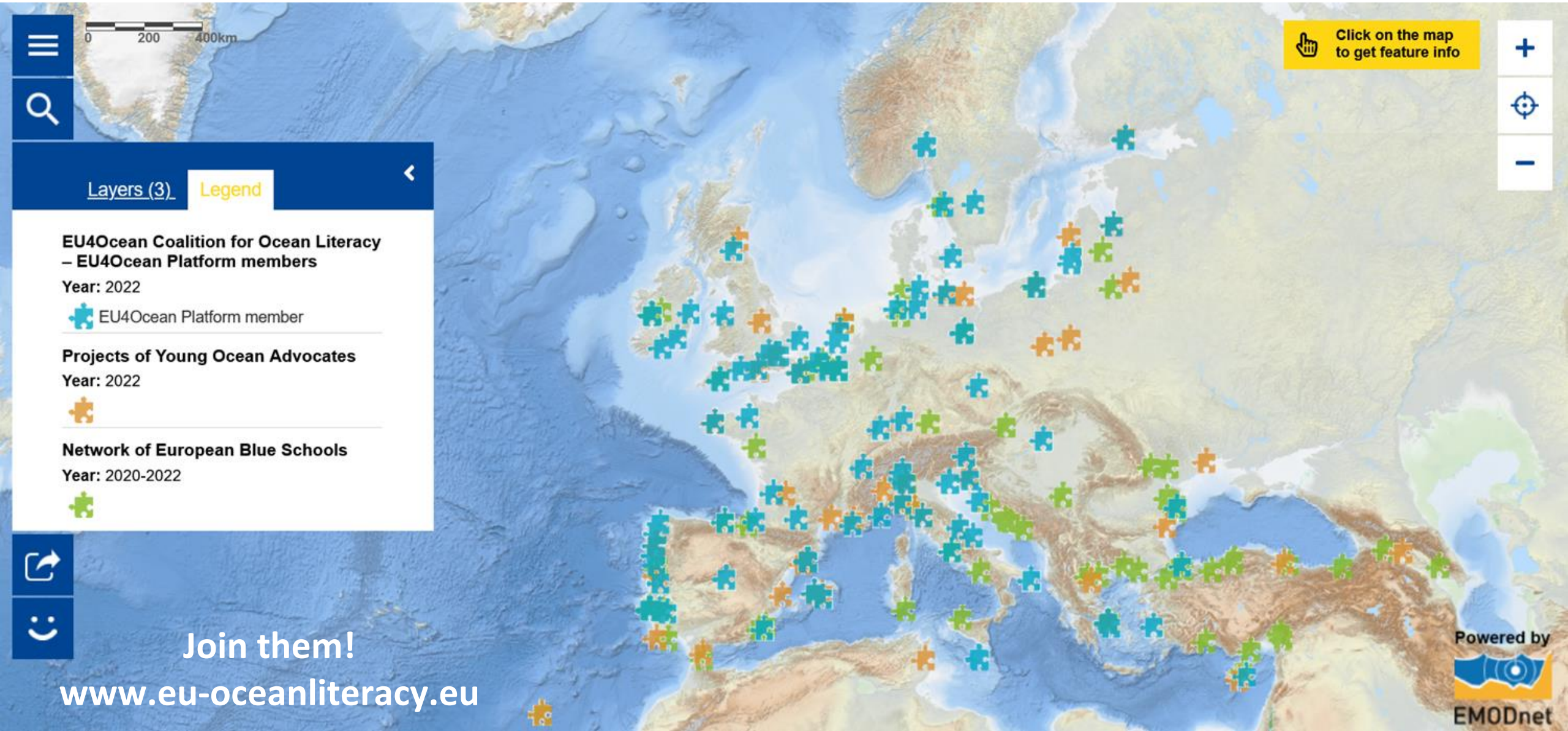


Is Ravenna a big port?

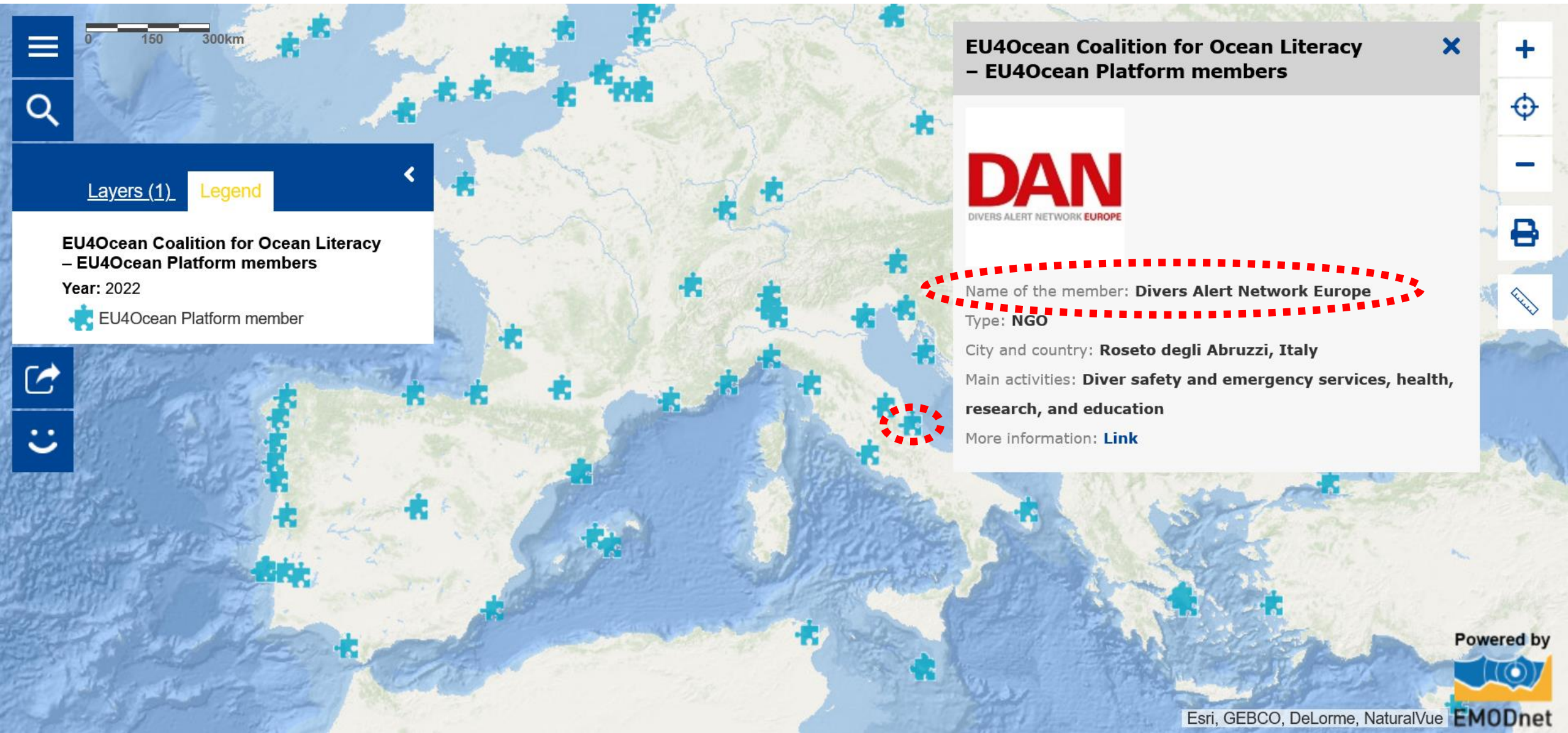
Open the [map](#) in the Atlas



Wish to know more about the ocean? Discover EU4Ocean!
Open the [map](#) in the Atlas



Which Platform member organization on the Adriatic coast focuses on diving safety? Hint - they are located at the following geographical coordinates:
Latitude: 42.68 Degrees / Longitude: 14.07 Degrees



EU4Ocean Coalition for Ocean Literacy
- EU4Ocean Platform members



Name of the member: **Divers Alert Network Europe**
Type: **NGO**
City and country: **Roseto degli Abruzzi, Italy**
Main activities: **Diver safety and emergency services, health, research, and education**
More information: [Link](#)

Which Young Ocean Advocates could tell you about the River Cleaner project which aims to prevent marine plastics pollution by intercepting plastic litter in rivers? Hint: The project is located on the Mediterranean coast.

Projects of Young Ocean Advocates

 **River Cleaner**

Name of the Young Ocean Advocate: **Martino Kuntze, Lorenzo Lubrano, Jacopo Sponchiado, Federica Lenzi**

City and Country: **Pisa, Italy**

Project name: **River Cleaner**

Project topics: **Healthy and clean Ocean**

Project categories: **Ocean conservation, Research, Community engagement**

Country borders (Year: 2016)
— Country borders

Projects of Young Ocean Advocates
Year: 2022

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How many European Blue Schools are there in Italy? Zoom in to count the schools.



What is the European Atlas of the Seas?



Tourism



Nature



Sea life



Transport



Sea bottom



Energy



Security



Fishing stocks and quota



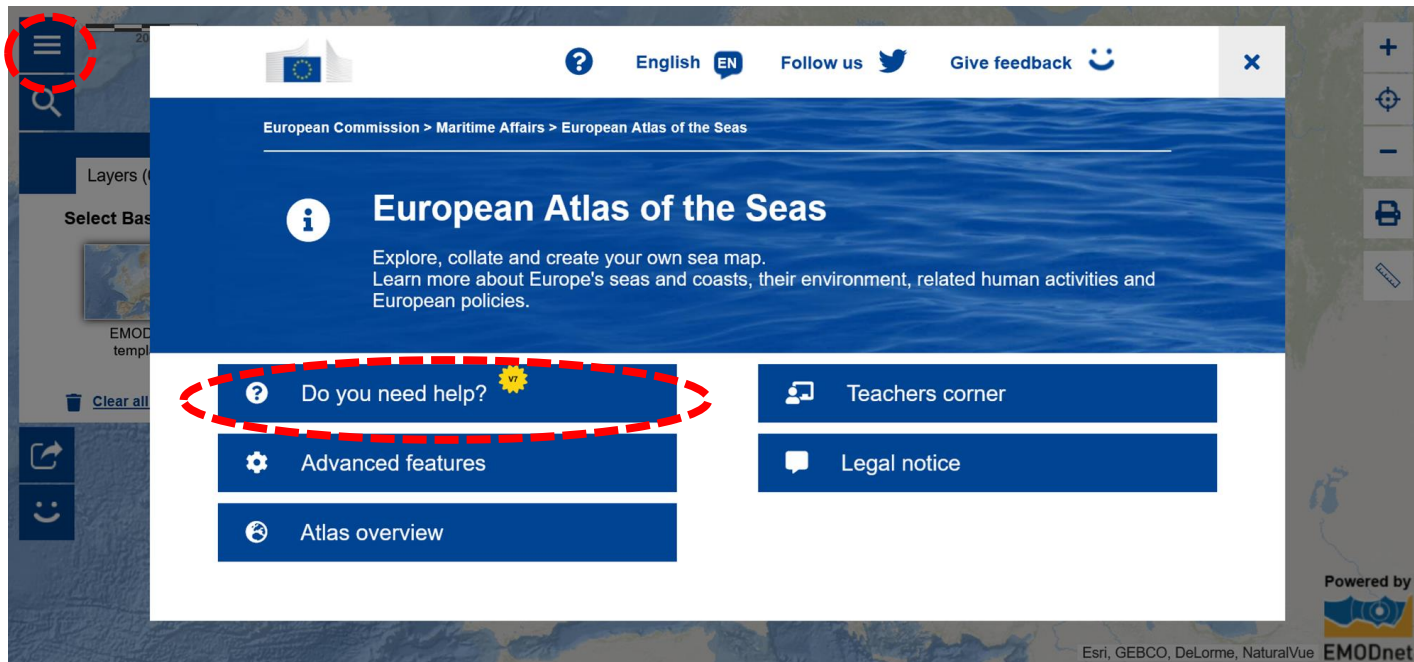
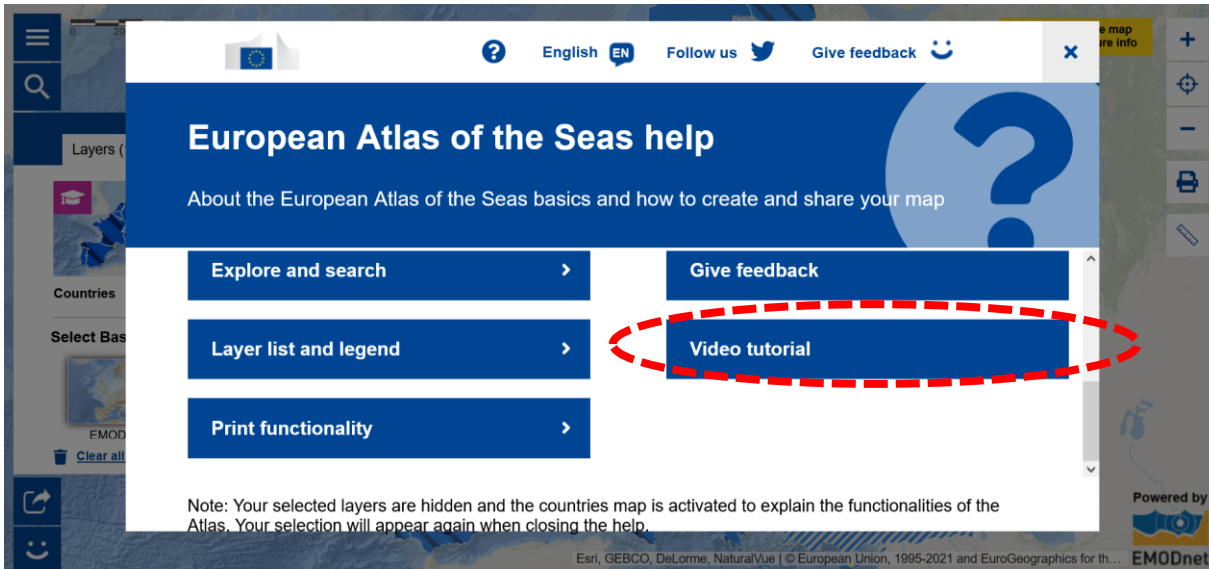
Aquaculture



Employment

- Interactive learning tool
- Initiative of the European Commission
- 275 interactive map layers
- Identified data sources
- Custom maps
- Easily accessible
- 24 official languages
- Print & embed tools





Get step by step help to learn how to use the Atlas and watch the tutorial



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

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European Atlas of the Seas
@EuropeAtlasSeas

[@EU_Commission](#) tool to explore, collate & create marine maps in 24 languages!
Learn more about  seas & coasts. Account managed in cooperation with [@EU_MARE](#).

ec.europa.eu/maritimeaffair...  Joined September 2013

1,374 Following 2,571 Followers

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 **European Atlas of the Seas** @EuropeAtlasSeas · Feb 7
DYK that [@EuropeAtlasSeas #maps](#) are available in 24 languages?

To change the language:

-  open the menu
-  click on 'English'
-  select the language in the list

european-atlas-of-the-seas.eu

#OceanLiteracy #multilingualism #education #EUBlueSchools



EU Maritime & Fish and 9 others

5 6



Ready for other activities?

Do you have questions, comments, ideas?
Click on 'Give feedback' and let us know!

The screenshot shows the top navigation bar of the European Atlas of the Seas website. The navigation bar includes the European Commission logo, a help icon, the language 'English EN', a 'Follow us' link with a Twitter icon, and a 'Give feedback' button with a smiley face icon. The 'Give feedback' button is circled in red. Below the navigation bar 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. Below the heading is a description: 'Explore, collate and create your own sea map. Learn more about Europe's seas and coasts, their environment, related human activities and European policies.' At the bottom of the page, there are four buttons: 'Do you need help?' (with a question mark icon and a yellow starburst 'v7'), 'Advanced features' (with a gear icon), 'Atlas overview' (with a globe icon), and 'Teachers corner' (with a person and screen icon). The 'Teachers corner' button is circled in red. The 'Legal notice' button is also visible below 'Teachers corner'. On the left side of the page, there is a sidebar with a search icon, a menu icon, and a 'Layers' section. On the right side, there is a vertical toolbar with icons for zooming, centering, and printing.



Dive into the Atlas to learn more about the ocean, seas and coasts!





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