

The European Atlas of the Seas

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

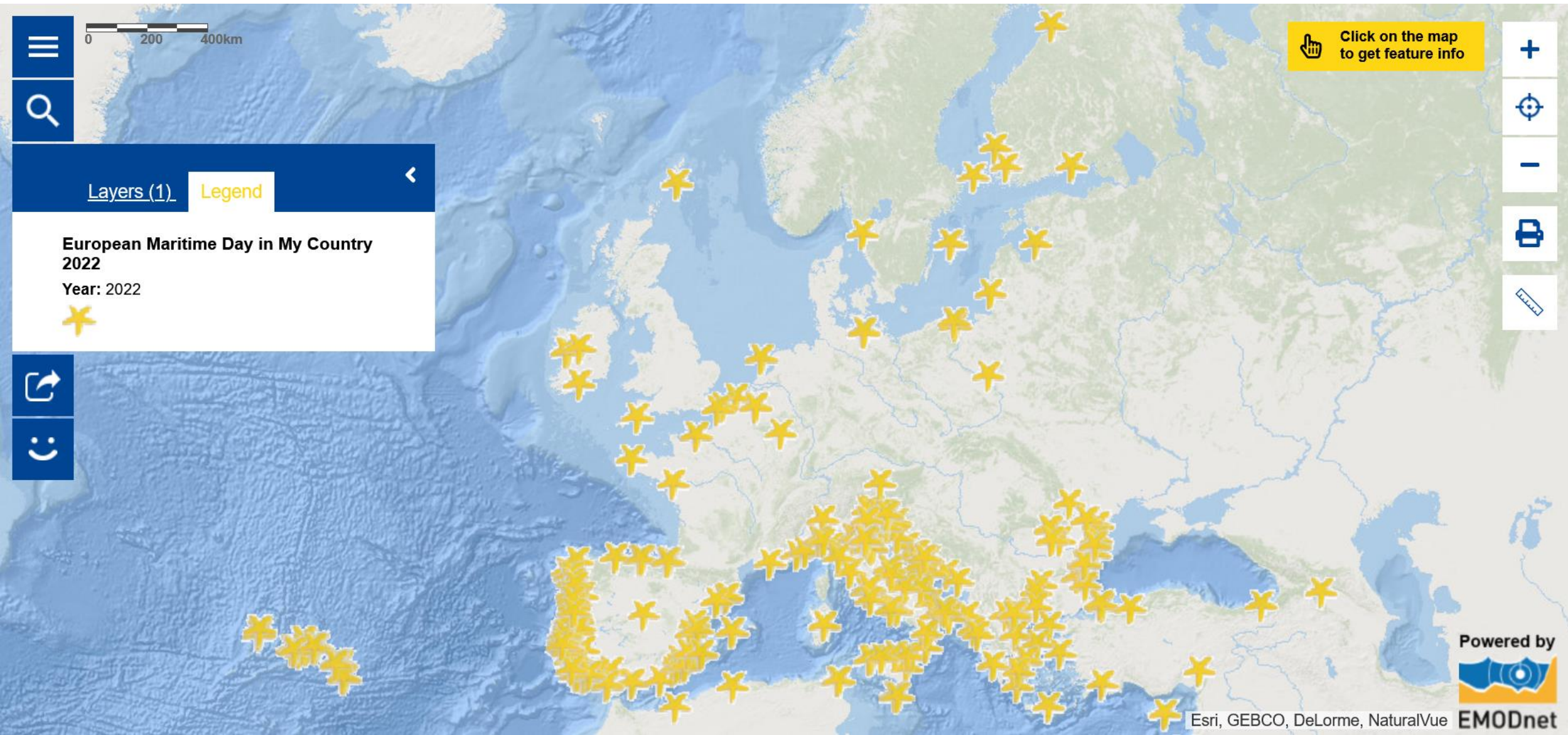
Education for Climate Coalition Challenge

Be a scientist! Mapping climate change at seas & waterways

Workshop 21 June 2022



Ready for a boat race?



Line up for the start of the race & use the hints ...

Related issues

Boat race level 1

Atlas Teachers Corner

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- Quiz (English)
 - + **Boat race level 1**
 - + Boat race level 2
 - + Treasure Hunt
 - + Easter Egg
 - + Biodiversity quiz
- + Quiz (Français)

Boat race level 1 (New Skipper)



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Published on: Thu, 28/04/2022 - 09:03

A A View as pdf

Discover activities organized across Europe for European Maritime Day in my Country by participating in a virtual boat race that will take you from Finland to Italy!



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Teachers' Guide- Boat race level 1






Teachers' Guide- Boat race level 2

Boat race level 2

Biodiversity quiz

Easter Egg



All	Articles	Events
	Teachers' Guide - Boat race level 2 Coming soon!	Last update: 28/04/22
	Boat race level 2 Coming soon!	Last update: 28/04/22
	Teachers' Guide - Boat race level 1 Coming soon!	Last update: 28/04/22
	Boat race level 1 (New Skipper) Discover activities organized across Europe for European Maritime Day in my Country by participating in a virtual boat race that will take you from Finland to Italy!	Last update: 28/04/22
	Partez à la chasse au trésor avec toute la classe Avez-vous déjà entendu parler d'un trésor caché dans une carte ? Trouvez les réponses aux questions ci-dessous, voyagez dans l'Atlas européen des mers et trouvez le trésor !	Last update: 18/04/22

Guide to the boat race

- Introduction to the game
- Link to the Atlas' video tutorial
- Link to the combined map layers needed for the virtual race
- Hint to find the starting point of the race
- Hints to successively find the stopovers over the race
- Hint to find the finish line

Line up for the start of the race & use the hints ...

Step 1: Your first challenge is to find out where the boat race starts! Find the location of the two most northern events. In which country is it located? Who is organizing these two events?

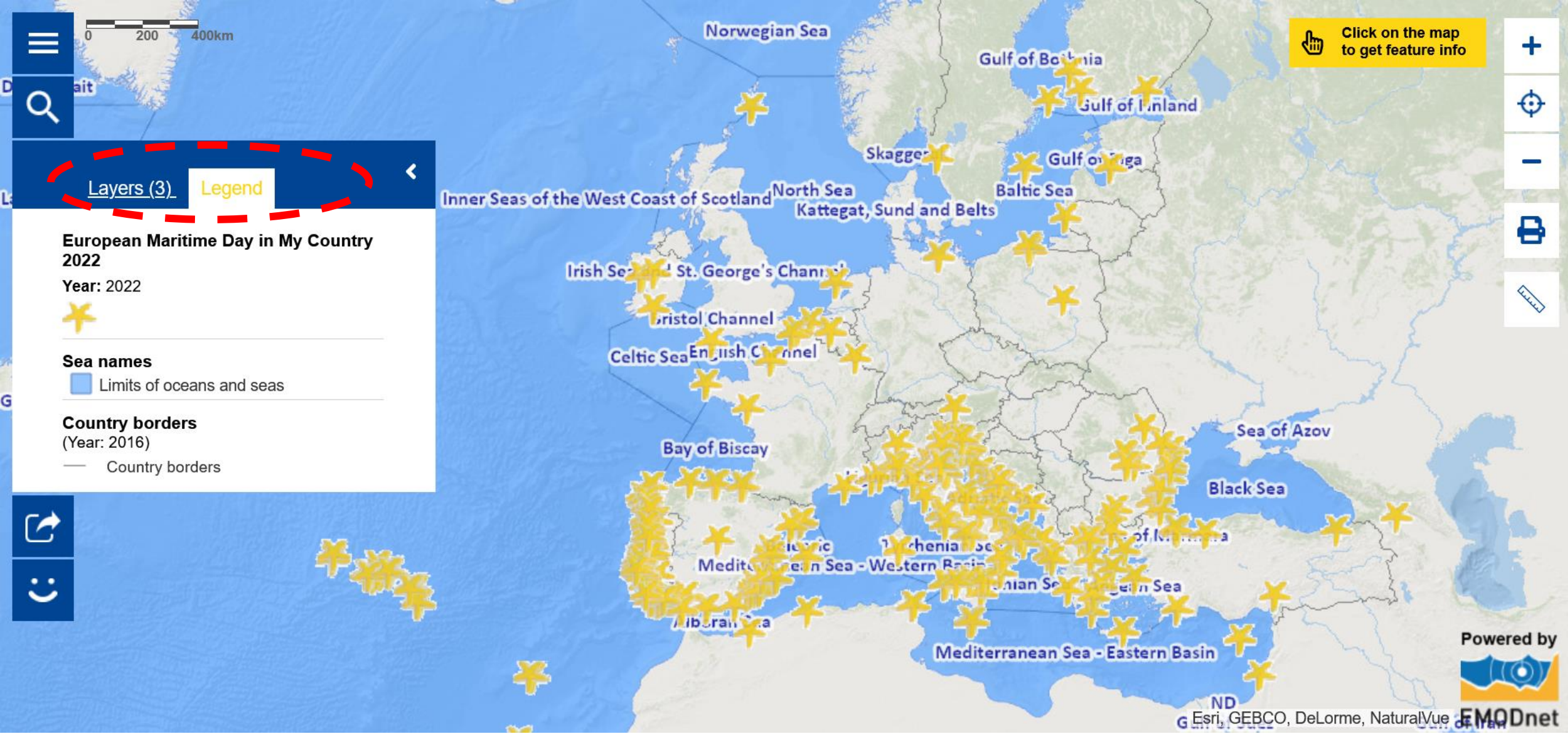


Step 2: Navigate south across the Baltic Sea, along the coasts of Denmark and into the North Sea. Stop by the most northern event in the North Sea. When is this event taking place?

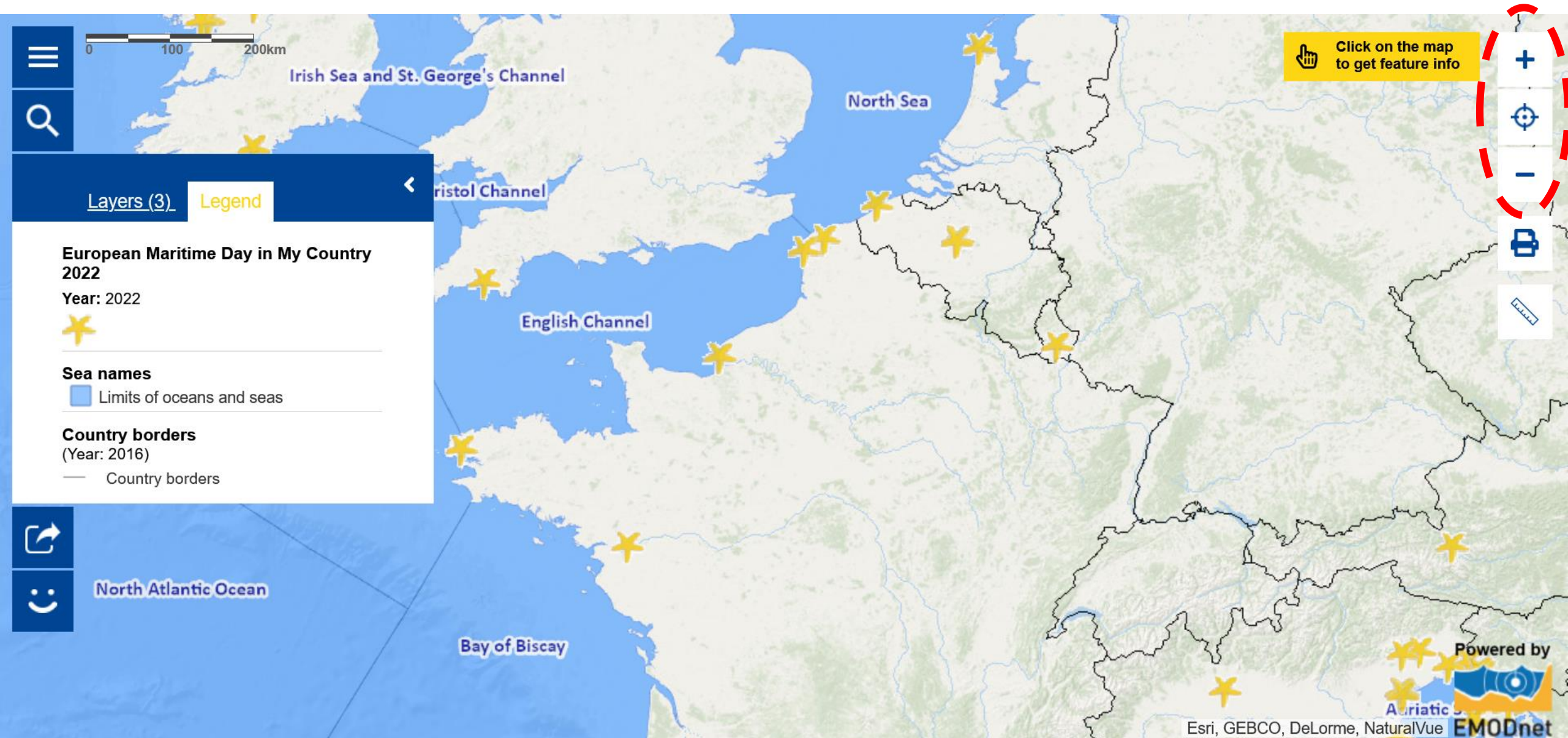


Let's test – Combining layers

https://ec.europa.eu/maritimeaffairs/atlas/maritime_atlas/#lang=EN;p=w;bkgd=5;theme=120:1,241:0.75,477:0.9;c=138497.10085049272,6319084.625950516;z=4;e=t



Let's test – Zooming in



Removing a layer from a map

The image shows a web-based map interface. On the left, a 'Layers (3)' panel is open, displaying the 'European Maritime Day in My Country 2022' layer. The layer's visibility is set to 75%. A red dashed circle highlights the trash icon in the layer's control bar, indicating the process of removing the layer. Below the layer list, there is a 'Clear all layers' button. The map itself shows Europe with numerous yellow star markers placed over various sea names, including the Norwegian Sea, Gulf of Bothnia, Gulf of Finland, Skagerrak, North Sea, Kattegat, Sund and Belts, Baltic Sea, Inner Seas of the West Coast of Scotland, Irish Sea, St. George's Channel, Bristol Channel, Celtic Sea, English Channel, Bay of Biscay, Sea of Azov, Black Sea, Mediterranean Sea - Eastern Basin, and Mediterranean Sea - Western Basin. A yellow tooltip in the top right corner of the map area contains the text 'Click on the map to get feature info' with a hand cursor icon. The bottom right corner features the 'Powered by' logo for EMODnet, along with the text 'Esri, GEBCO, DeLorme, NaturalVue'.

Removing a layer from a map

0 200 400km

Layers (2) Legend

European Maritime Day in My Country 2022

Country borders

Clear all layers

Click on the map to get feature info

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Let's test – Accessing information about an event

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>

Legend

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

Measurement result	
Latitude	Longitude
51.185569	3.353516
51.25438	2.870117

Powered by **EMODnet**
Esri, GEBCO, DeLorme, NaturalVue



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...

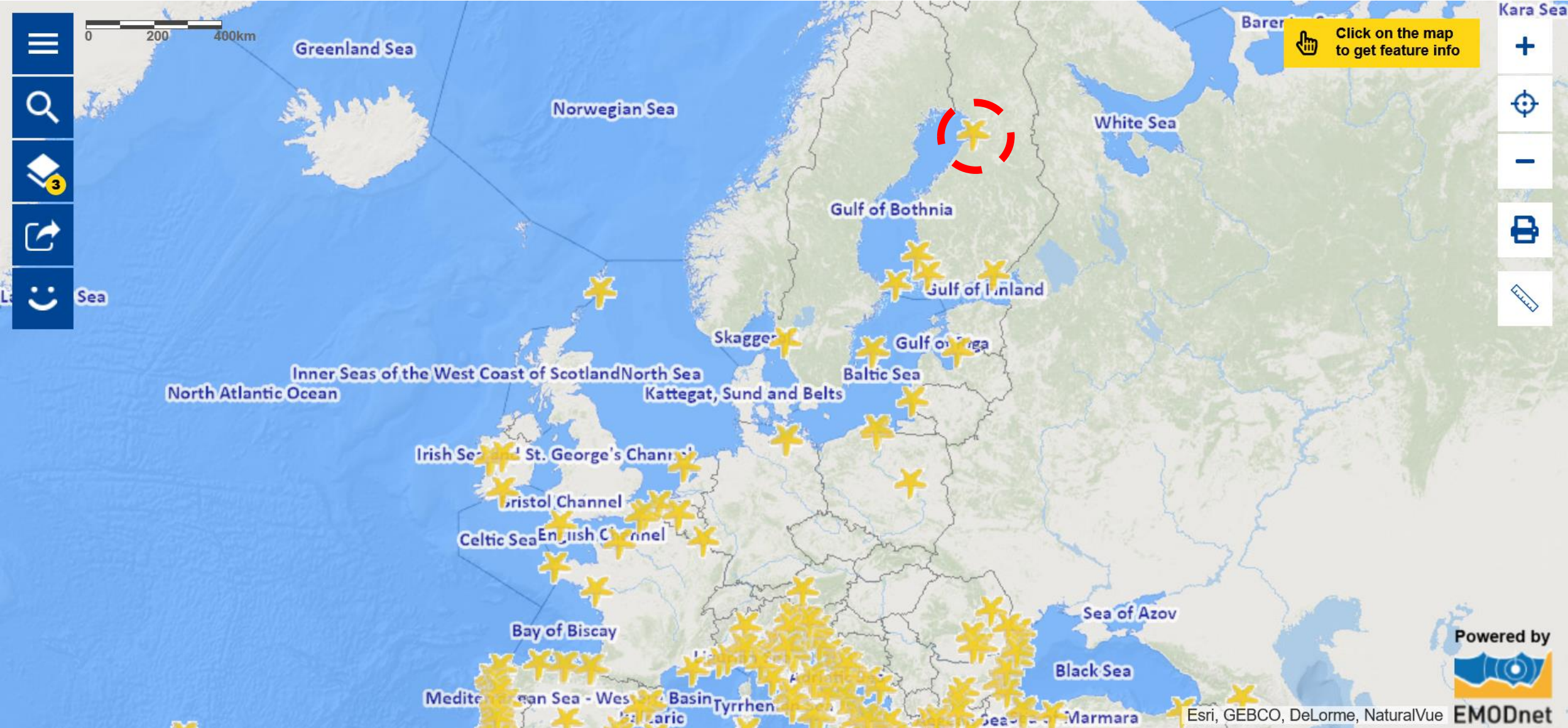
2...

1...

Go!



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



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

The map shows Europe with numerous yellow stars indicating event locations. Two information panels are open on the right side of the map.

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>

Map labels include: Greenland Sea, Norwegian Sea, Gulf of Bothnia, Skagge, Baltic Sea, Inner Seas of the West Coast of Scotland, North Sea, Kattegat, Sund and Belts, Irish Sea, St. George's Channel, Bristol Channel, Celtic Sea, English Channel, Bay of Biscay, Mediterranean Sea - West, Tyrrhenian Sea, Black Sea, Marmara, Kara Sea.

Scale: 0, 200, 400km

Map controls: Search, Home, Layers, Refresh, Full Screen, Print, Measure

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Step 2: Navigate south across the Baltic Sea, 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 map displays maritime events across Europe, marked with yellow stars. A red dashed circle highlights the most northern event in the North Sea. The event details are as follows:

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

Other labeled regions on the map include: Greenland Sea, Norwegian Sea, Gulf of Bothnia, Skagge, Gulf of Gdansk, Baltic Sea, Kattegat, Sund and Belts, North Sea, Inner Seas of the West Coast of Scotland, North Atlantic Ocean, Irish Sea, St. George's Channel, Bristol Channel, Celtic Sea, English Channel, Bay of Biscay, Mediterranean Sea - West, Tyrrhenian Sea, Sea of Azov, Black Sea, and Marmara.

Map interface elements include a scale bar (0-400km), a search bar, a layer indicator (3), a home button, a zoom in (+) and zoom out (-) button, a print button, and a measurement tool.

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Step 3: 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. What are the events organized there?

The image shows a map of Europe with numerous yellow star-shaped markers indicating event locations. A popup window is open over the Iberian Peninsula, displaying the following information:

- 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/>

The map includes labels for various seas and gulfs: Norwegian Sea, Gulf of Bothnia, Skagerrak, North Sea, Kattegat, Sund and Belts, Baltic Sea, Inner Seas of the West Coast of Scotland, Irish Sea, St. George's Channel, Bristol Channel, Celtic Sea, English Channel, Bay of Biscay, Mediterranean Sea - Western Basin, Tyrrhenian Sea, Adriatic Sea, Ionian Sea, Aegean Sea, Mediterranean Sea - Eastern Basin, Sea of Azov, Black Sea, and Gulf of Suez. A scale bar at the top left shows 0, 200, and 400 km. The interface also features a search bar, a list icon, a refresh icon, and a smiley face icon on the left, and zoom in/out, home, and print icons on the right.

we all take care of the Bay

BUT

THE DIFFERENCE IS MADE BY YOU

[know more](#)

Promoter:



In collaboration with:



COASTAL CODE



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

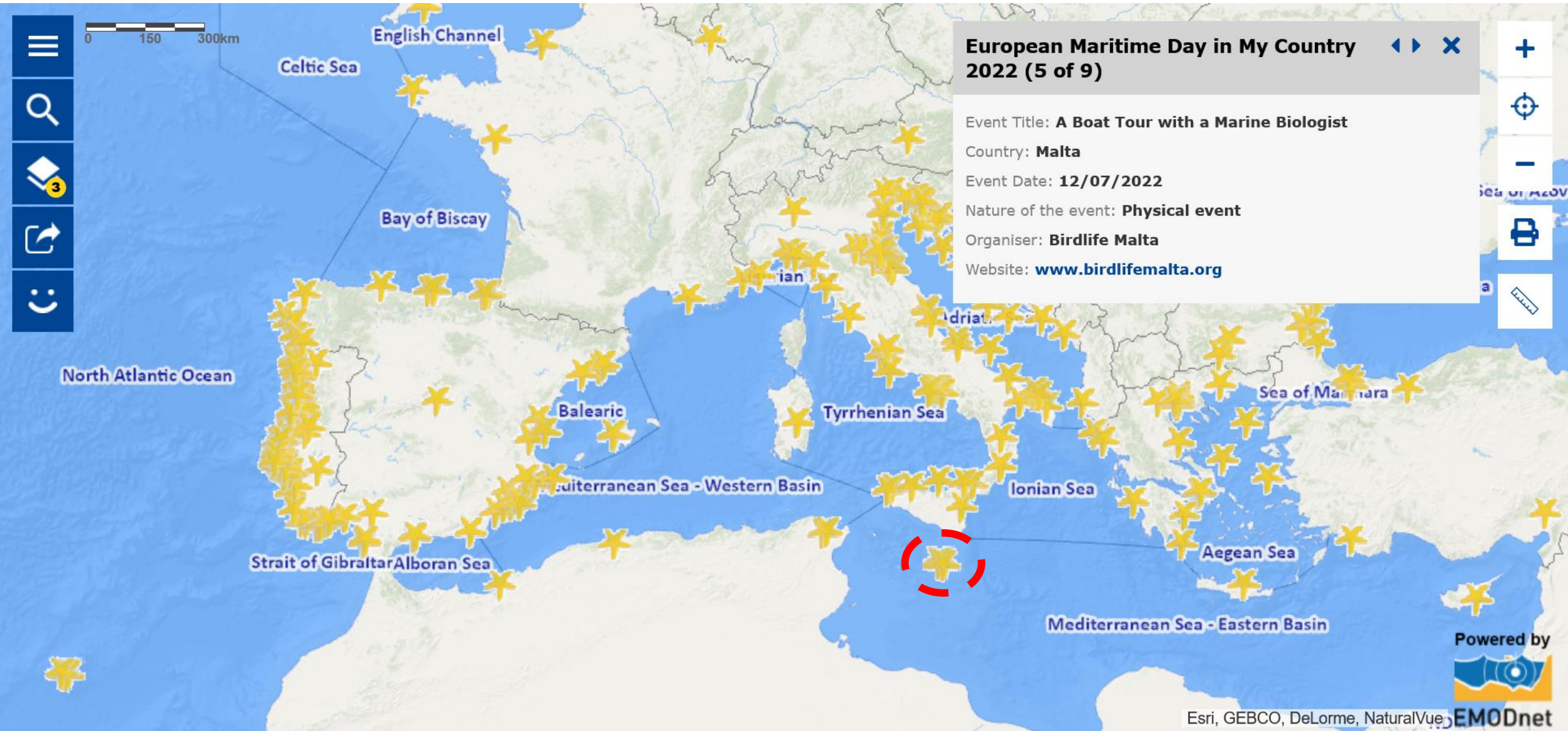


knowingly and responsibly

objective :

To achieve the responsible use of the Bay from the knowledge and responsible use, doing preventive ecology from citizen action to stop the degradation and loss of biodiversity of the ecosystems of the Bay of Santander and restore them as far as possible.

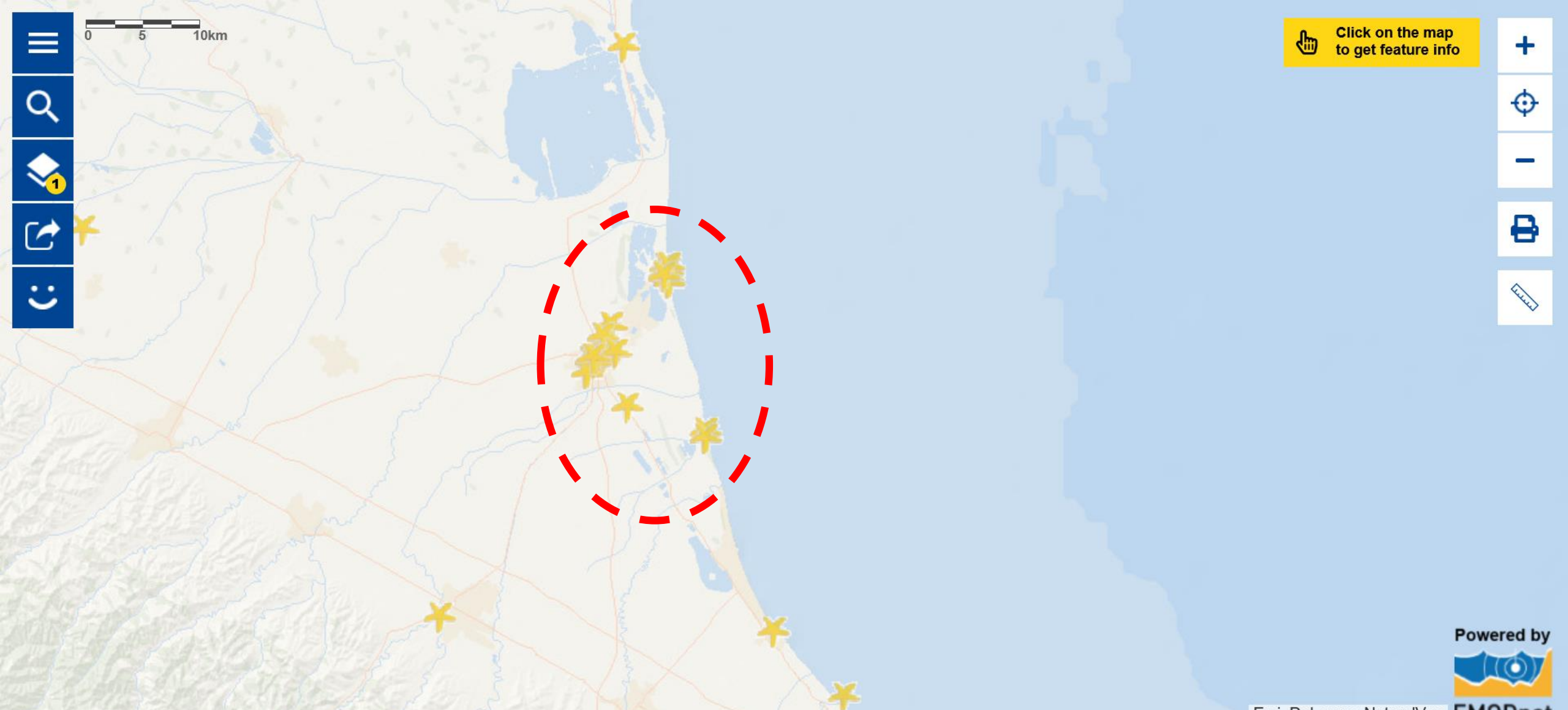
Step 4: Sail further south, along the coasts of Portugal, towards de Strait of Gibraltar and the Mediterranean Sea. Your next stopover is on an island country located south of Italy. One of the events is a boat tour with a marine biologist. Who is it organized by?



Step 5: Navigate along the Italian coasts across the Ionian Sea and into the Adriatic Sea. Find the area in the north of Italy where you can see the highest number of events. Zoom in to see the map below.



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0 0.3 0.6km

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

Event Title: **Ravenna, giornate del mare**

Country: **Italy**

Event Date: **01/05/2022**

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

Organiser: **Municipality of Ravenna**

Website: <https://www.comune.ra.it/>

Area Distance Coordinates

Degrees ▾

Measurement result

Latitude	Longitude
44.412706	12.222658
44.416752	12.199827

0 0.3

Layers (

European M
2022
Year: 2022



English



Follow us



Give feedback



Boat race

Congratulations for completing the race!


Now you can download your diploma

Your name?

Your boat's name?

Get 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-shaped thought bubble. The background is a vast expanse of blue water with gentle ripples. The text inside the thought bubble is in a dark blue, sans-serif font.

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



XXII
XXI
XX
XIX
XVIII
XVII
XVI
XV
XIV
XIII
XII
XI
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VII
VI
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III
II
I

REPUBLICA DI ROMA
MCMXXII

Are there UNESCO world heritage sites in Ravenna?

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

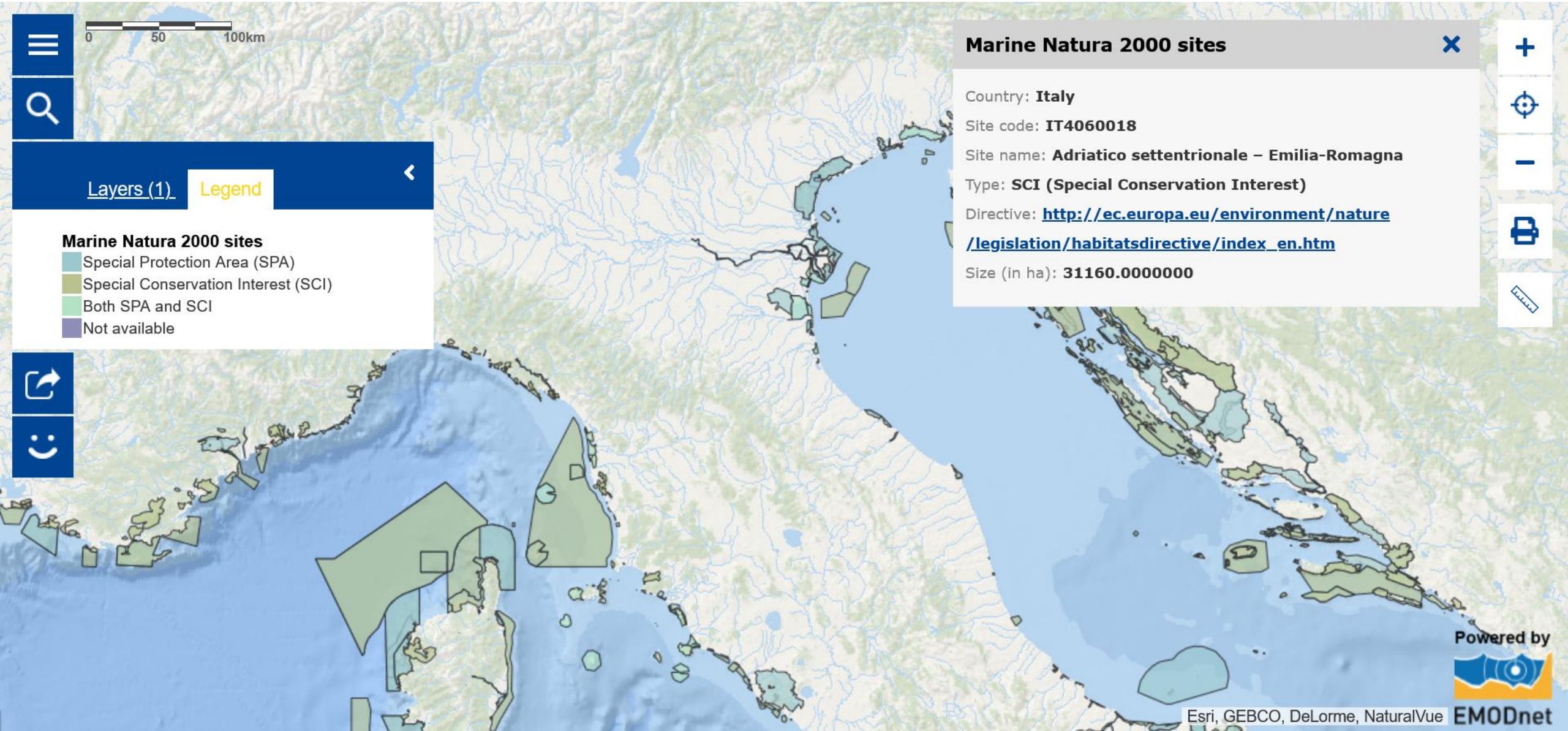
World heritage site since 1996

[More information](#)

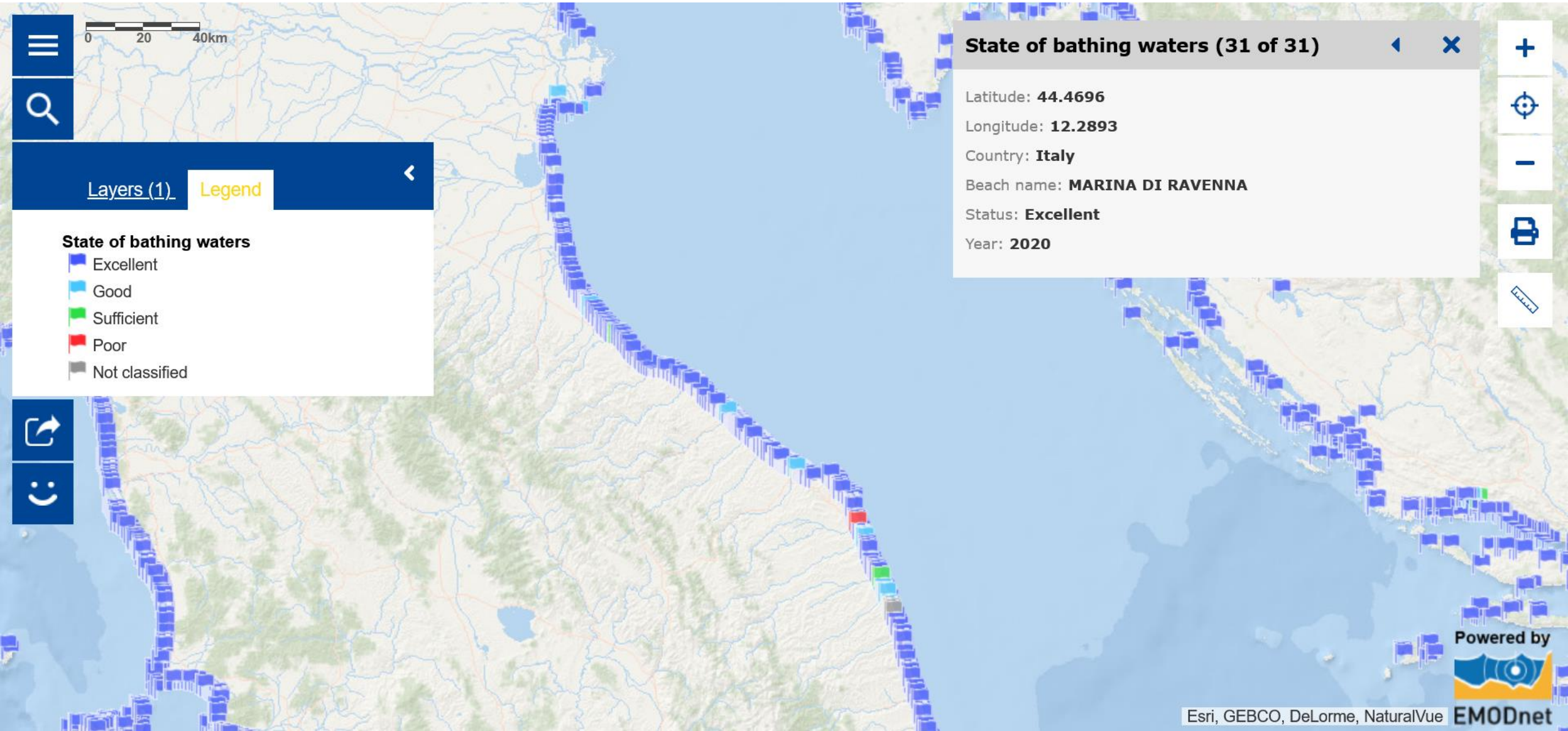
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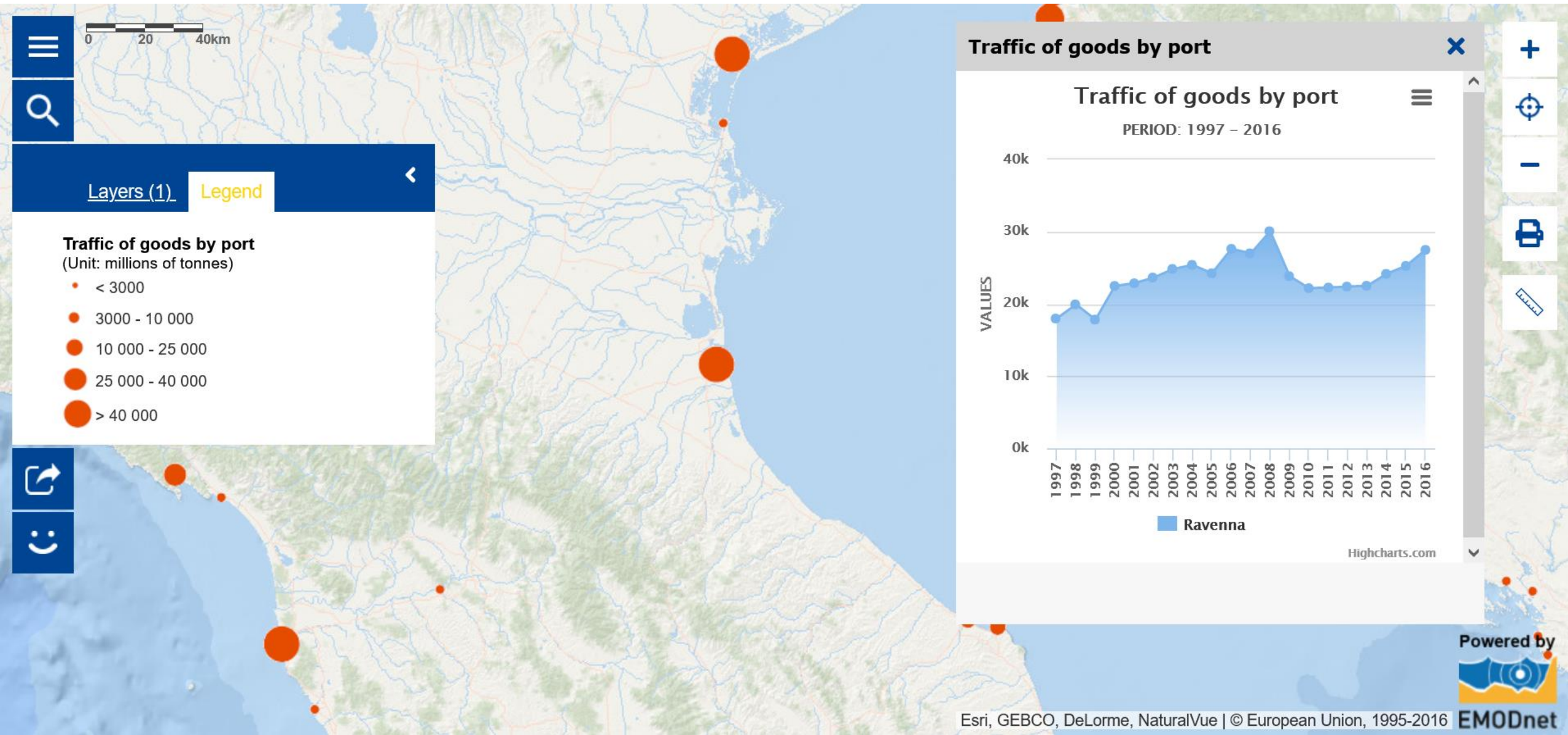
Where are nearby NATURA 2000 sites located?



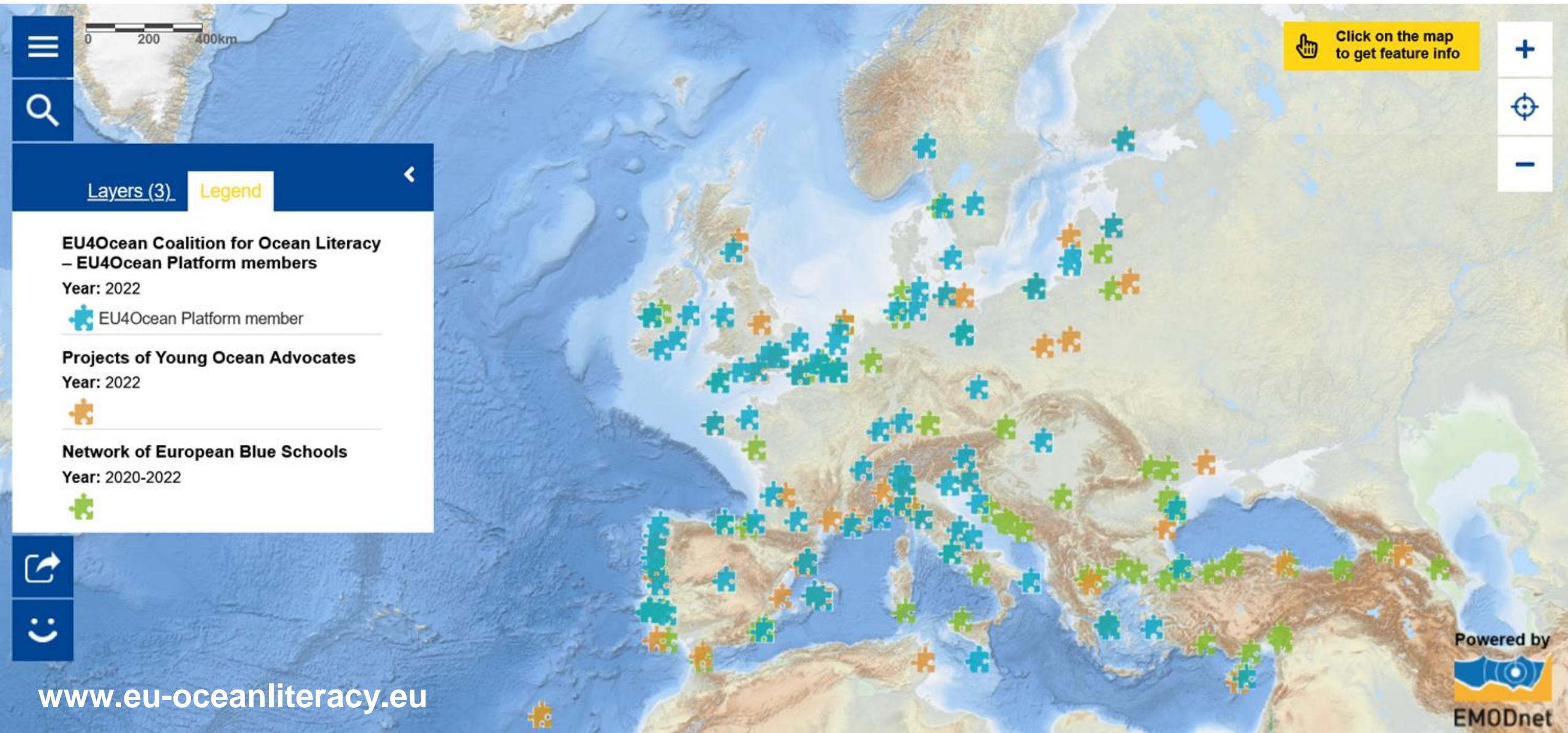
What is the bathing water quality?



Is Ravenna a big port?



EU4Ocean and Ocean Literacy



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



This screenshot shows the help menu of the European Atlas of the Seas. The menu is titled "European Atlas of the Seas help" and includes options for "Explore and search", "Layer list and legend", "Print functionality", "Give feedback", and "Video tutorial". The "Video tutorial" option is highlighted with a red dashed oval. A note at the bottom states: "Note: Your selected layers are hidden and the countries map is activated to explain the functionalities of the Atlas. Your selection will appear again when closing the help." The page is powered by EMODnet.



This is a quick guide banner for the European Atlas of the Seas. It features the European Commission logo at the top, a background image of blue water, and the text "Quick guide through the European Atlas of the Seas". The website address "www.european-atlas-of-the-seas.eu" is displayed at the bottom.

This screenshot shows the main page of the European Atlas of the Seas. The page title is "European Atlas of the Seas" and it includes the text "Explore, collate and create your own sea map. Learn more about Europe's seas and coasts, their environment, related human activities and European policies." The "Do you need help?" button is highlighted with a red dashed oval. Other buttons include "Advanced features", "Atlas overview", "Teachers corner", and "Legal notice". The page is powered by EMODnet.



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← **European Atlas of the Seas**
1,589 Tweets



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

1,338 Following 2,441 Followers

Follow

Pinned Tweet

 **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?

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? v7
- Advanced features
- Atlas overview
- Teachers corner
- Legal notice

Next step ...

Phases

- **Let's play**
10 Jun - 20 Jun
- **Let's re-play**
21 Jun - 21 Jun
- **Let's create our own map**
22 Jun - 6 Jul
- **Let's be scientists**
13 Jul - 14 Aug
- **Let's explore, collect and report**
15 Aug - 16 Oct
- **Let's create the community map & re-play**
17 Oct - 6 Nov



A white egret stands in shallow, blue water. Above the egret is a series of small white circles leading to a large white thought bubble with a blue outline. The background shows a grassy bank and a line of trees under a clear sky.

Questions? Ideas?
nathalie.van.isacker@emodnet.eu

Thank you!

