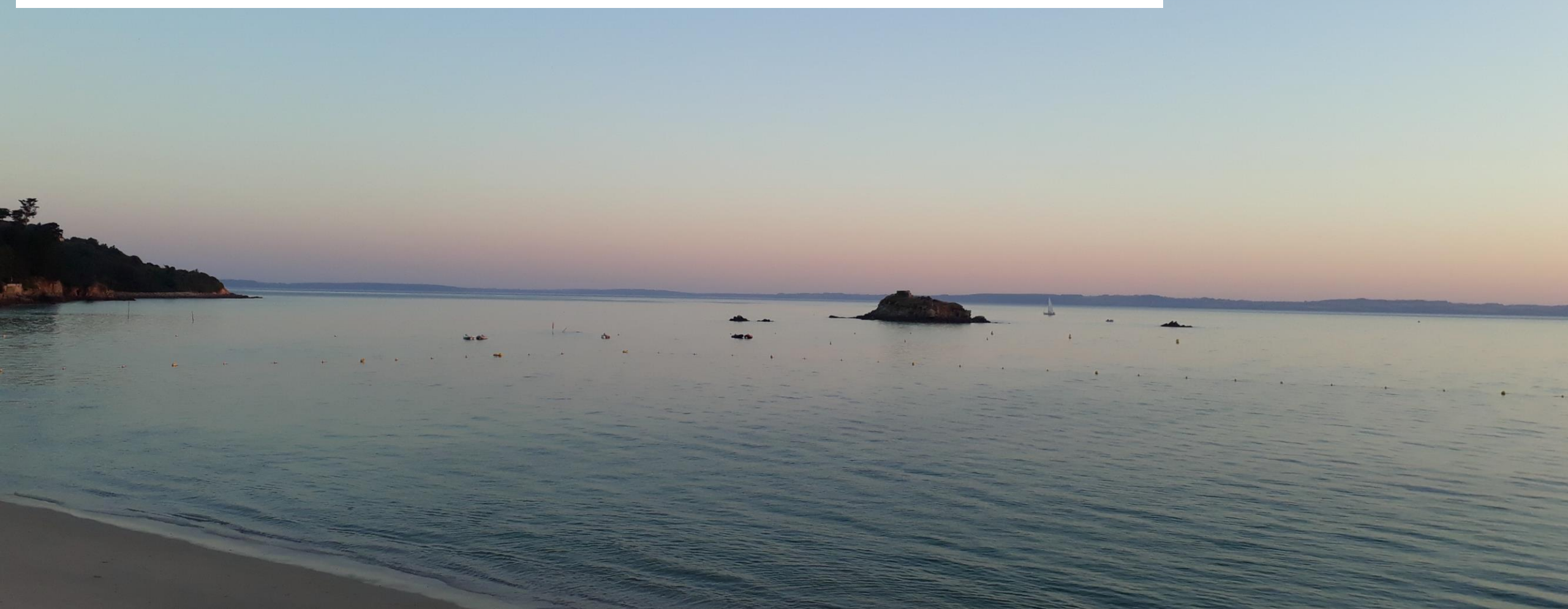


# The European Atlas of the Seas

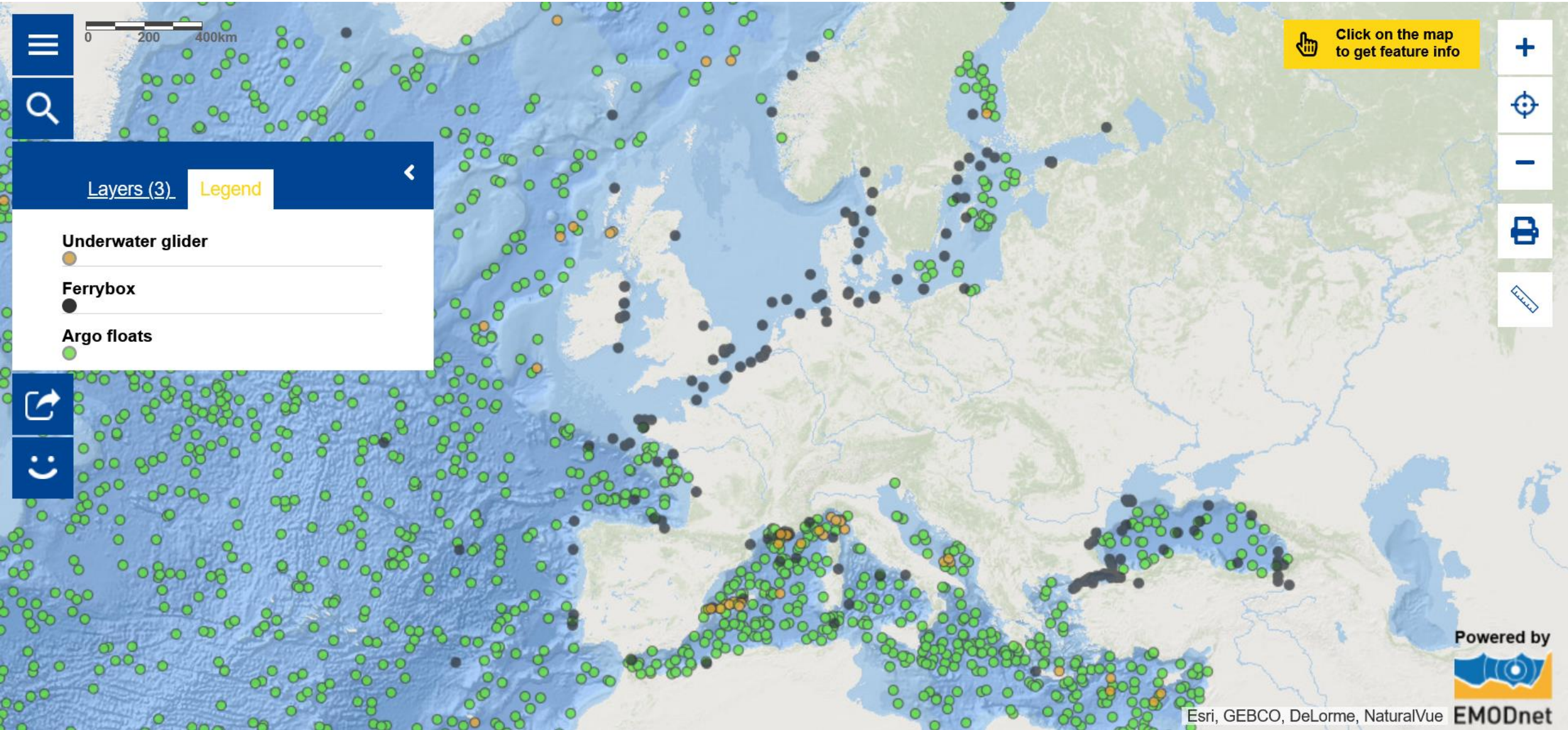
[www.european-atlas-of-the-seas.eu](http://www.european-atlas-of-the-seas.eu)



CommOCEAN (30 November 2022)

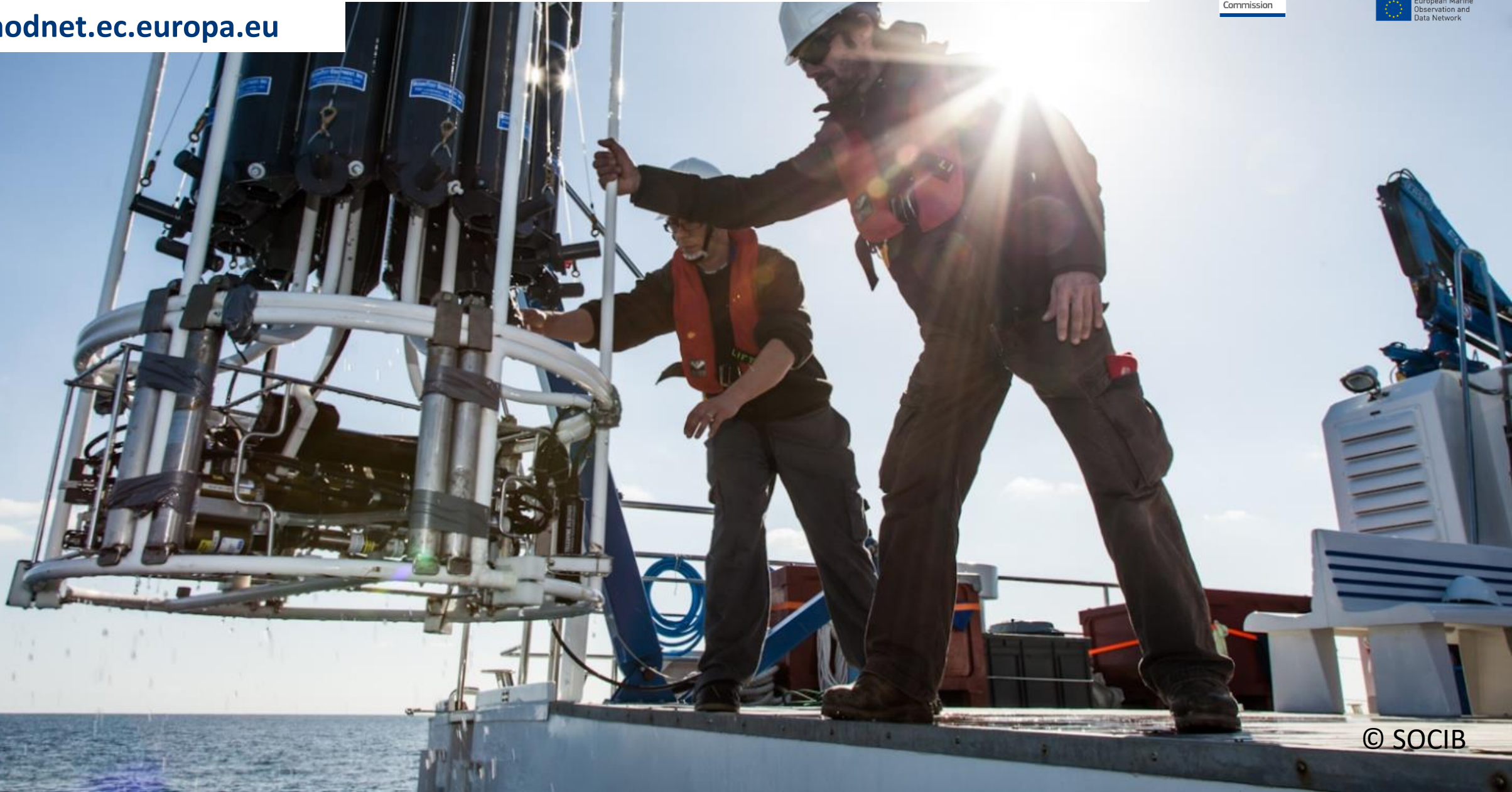


# Easy access to data is key to Ocean Literacy and to a sustainable ocean



# European Marine Observation and Data Network

[emodnet.ec.europa.eu](http://emodnet.ec.europa.eu)



# What is the European Atlas of the Seas?



- ✓ an ocean literacy tool;
- ✓ an educational tool;
- ✓ a communication tool that supports marine policy;
- ✓ an information resource tool

**For:** schools, associations, projects, blue economy professionals, policy makers, media and anyone searching for information on the seas and coasts.



[www.european-atlas-of-the-seas.eu](http://www.european-atlas-of-the-seas.eu)

# 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
- More than 275 interactive map layers
- Identified data sources
- Custom maps
- Easily accessible
- 24 official languages
- Print & embed tools



# How does it work?

24 languages

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 sub-heading 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.' At the bottom, there are several navigation buttons: 'Do you need help?' (with a question mark icon and a 'v7' badge), 'Advanced features' (with a gear icon), 'Atlas overview' (with a globe icon), 'Teachers corner' (with a person and book icon), and 'Legal notice' (with a speech bubble icon). Red dashed circles highlight the menu icon on the left, the language selector, the 'Give feedback' button, and the three bottom navigation buttons.

# How does it work?

0 20

English Follow us Give feedback

**Add layers to the map**

Search for layers

**Predefined maps (19)** **Layers** **Map stories**

**Algae production**

- Macroalgae production facilities
- Microalgae production facilities

**Aquaculture**

- Aquaculture production
- Aquaculture production by species

Layers (

Microalgae

Clear all

Powered by EMODnet

Esri, GEBCO, DeLorme, NaturalVue

# How does it work?

0 200 400km

Click on the map to get feature info

Layers (2) Legend

Macroalgae production facilities

Clear all layers

**EMODnet**

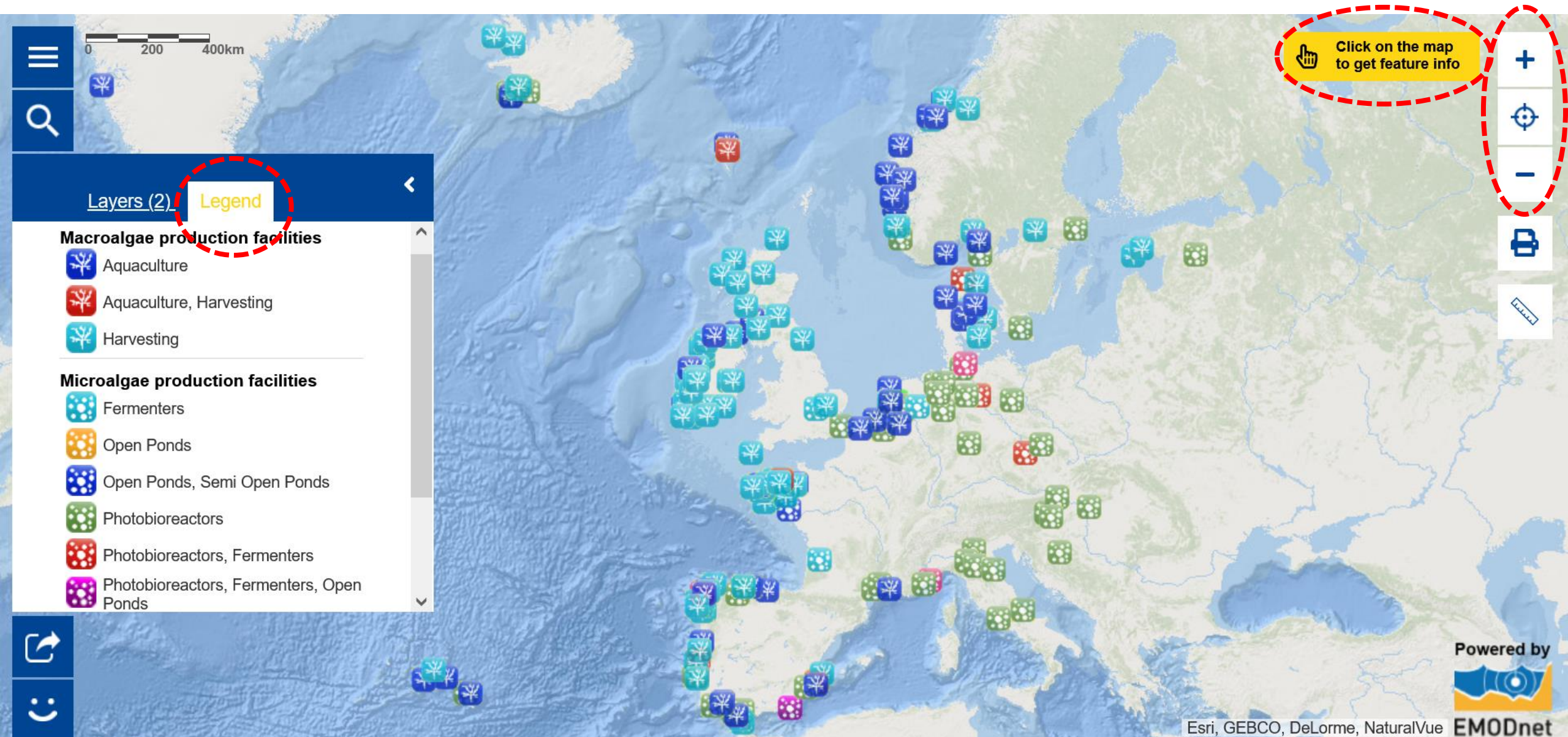
This map shows macroalgae-producing facilities by production methods (land-based, offshore and coastal aquaculture or harvesting). Data have been collected in the following countries: Belgium, Denmark, Estonia, France, Germany, Ireland, Italy, Norway, Portugal, Spain, Sweden, and UK. Macroalgae, also commonly known as seaweeds, have been part of East and South-East Asian citizens' daily diet for centuries. Nowadays, they are becoming increasingly popular in Europe too for many purposes other than food, as a source material for use in pharmaceuticals, cosmetics, nutrition or energy (biofuel). Companies across Europe are now harvesting, cultivating, or processing them to create high-value products.

Powered by  
**EMODnet**

Esri, GEBCO, DeLorme, NaturalVue



# How does it work?



# Integrating your map in your work with the Atlas' tools

The screenshot displays the 'Print' interface of the European Atlas of the Seas. At the top, there is a navigation bar with the European Union flag, a help icon, the language 'English EN', social media links for 'Follow us' and 'Give feedback', and a close icon. Below this is a blue header with the word 'Print'. The main content area is divided into two columns. The left column features a map titled 'EUROPEAN ATLAS OF THE SEAS' showing Europe with various colored icons representing data points. Below the map, it shows the date 'May 23, 2022' and the scale '1:147.914.381'. The right column contains settings for the print job: 'Paper size' is set to 'A3 Landscape', 'Format' is set to 'PDF', and 'Include legend' is checked. There is also a 'Layers for print' section and a 'Map title' field containing 'EUROPEAN ATLAS OF THE SEAS'. At the bottom, there is a 'Scale' field set to '1 : 147.914.381' and a 'Next >' button. A red dashed circle highlights the print icon in the top right corner of the map area.

Print

EUROPEAN ATLAS OF THE SEAS

May 23, 2022

1:147.914.381

0 2000 4000km

Paper size:

A3 Landscape

Format:

PDF  JPG

Include legend

Layers for print >

Map title:

EUROPEAN ATLAS OF THE SEAS

Scale:

1 : 147.914.381

Next >

Print icon highlighted with a red dashed circle.

# My Maps: Your working space in the Atlas!

The screenshot shows the 'Add layers to the map' panel in the EMODnet Atlas. At the top, there is a header with the European Union flag, a help icon, the language 'English EN', social media links for 'Follow us' and 'Give feedback', and a close button. Below the header is a search bar labeled 'Search for layers'. A horizontal menu below the search bar contains four tabs: 'Predefined maps (19)', 'Layers', 'Map stories', and 'My Maps: coming soon!'. The 'My Maps: coming soon!' tab is circled in red. Below the menu, there are six map layer thumbnails with labels: 'Europe' (European Union flag), 'Tourism' (underwater scene with fish), 'Nature' (seagull), and three others (landscape, wind turbines, and a swan). The background shows a map of Europe with various navigation and tool icons on the left and right sides.

# Learning to use the Atlas' tools in 24 languages !

## European Atlas of the Seas help

About the European Atlas of the Seas basics and how to create and share your map

Map Navigation tool

Follow us

Explore and search >

Give feedback

Layer list and legend >

Video tutorial

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.

Click here to explore our new help tool **v7**

Search for layers

Predefined maps (19) Create a map Map stories

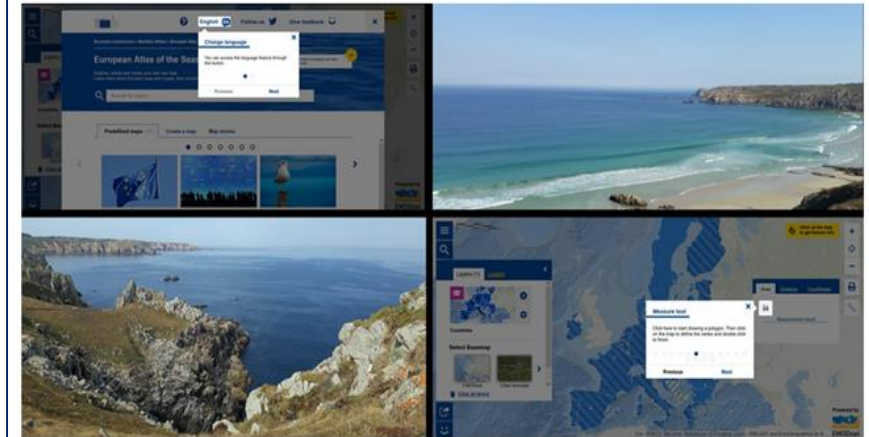
Powered by EMODnet

## European Atlas of the Seas: interactive help now available in 24 languages!

Published on: Wed, 07/09/2022 - 15:56

AA View as pdf

For the start of the new school year, the European Atlas of the Seas is releasing its interactive help tool in 24 languages! With a few clicks in any of the 24 official languages of the European Union, you can now become an Atlas expert and find out everything you wish to know about the ocean, seas and coasts! Use this multilingual tool to easily learn how to use the Atlas and discover all of its features! Send us your questions and your comments by completing the feedback form within the Atlas! Take this opportunity to learn who is behind the Atlas, who its partners are and how users are benefitting with the launch of the Atlas interviews series!



# The Teachers Corner: ready-to-use map-based activities

## Espace enseignants

Published on: Mon, 16/08/2021 - 15:49

**Bienvenue sur l' "Espace enseignants" de l'Atlas européen des mers!**

L'Atlas européen des mers est un outil web public qui offre de l'information interactive et diversifiée d'une façon compréhensible pour le grand public. Il est composé d'une collection de cartes avec des données fiables sur les caractéristiques naturelles et socio-économiques des régions côtières d'Europe. Les données proviennent dans la grande majorité de la Commission européenne et de ses agences (p.ex. Eurostat, EEA,...) et du réseau EMODnet (European Marine Observation and Data Network).

L'Atlas offre un océan d'information d'une façon conviviale sur des thèmes tels que la nature, le tourisme, la sécurité, l'énergie, les déchets, l'érosion côtière, la densité de trafic des navires, le transport de passagers, le fond marin, l'augmentation du niveau de mer, la consommation de poissons et bien plus encore !

Utilisez l'Atlas pour explorer et créer vos propres cartes. Sélectionnez différentes couches cartographiques, effectuez un zoom sur votre zone d'intérêt (par exemple, un bassin maritime, un pays, etc.), mesurez les distances et la superficie des zones et exportez votre carte personnalisée ou imprimez-la pour une utilisation ultérieure.

Ce wiki a été mis en place pour fournir une plate-forme aux enseignants de l'Union européenne qui souhaitent utiliser l'Atlas européen des mers dans leurs cours. Ils peuvent y trouver et partager des informations, des exercices et bien plus.

**Jusqu'à 12 ans**   **De 12 à 15 ans**   **De 15 à 18 ans**



Lancez-vous et commencez à explorer l'Atlas

Consultez la liste des couches

Regardez la "map of the week" (disponible en anglais)

Guide pour enseignants (sessions de formation à Nausicaá)

Présentations récentes

## Espaço dos professores

Published on: Mon, 16/08/2021 - 16:02

A partir de agora, os visitantes podem navegar no Atlas nas 24 línguas oficiais da União Europeia, bem como explorar uma vasta gama de tópicos marinhos populares, como turismo, lixo, ambiente, energia, aquicultura e muito mais!

O Atlas conta com mais de 285 layers de informação e a possibilidade de criar mapas personalizados que podem ser impressos, partilhados e incluídos em artigos e apresentações.

**Até 12 anos**   **12-15 anos**   **15-18 anos**

Estes exercícios foram desenvolvidos graças à colaboração de professores do programa Escola Azul - Portugal. Cada exercício inclui os créditos respetivos. Estamos muito gratos pela sua dedicação e contribuição.



Explore, colija e crie o seu próprio mapa

Consulte a lista de camadas

Veja o "mapa da semana" (disponível em inglês)

Apresentações recentes

https://webgate.ec.europa.eu/maritimeforum/en/node/6404

An official website of the European Union

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

Themes   Home   Communities   Search   F.A.Q.   EU Login

## Teachers Corner

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

**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 and share information, exercises and much more.

**Up to 12**   **12 to 15**   **15 to 18**

Launch and start exploring the Atlas

Consult the list of layers

Check out the map of the week!

Watch the latest presentations

Teachers Guide (Nausicaá training sessions)

Share this article

More like this

- Atlas Teachers Corner
- Teachers' Guide- Treasure Hunt
- Teachers' Guide- Easter Egg
- Ocean and seas
- Sea Bottom

- ✓ Exercises
- ✓ Posters
- ✓ Quiz
- ✓ Past workshops - presentations
- ✓ Games



[www.european-atlas-of-the-seas.eu](http://www.european-atlas-of-the-seas.eu)

# The Teachers Corner

**MARITIME FORUM**

European Commission > Maritime Forum >

Themes | Home | Communities | Search | F.A.Q. | EU Login

**Boat Race (Level 2 - Experienced skipper)**

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

Discover activities organized across Europe for European Maritime Day in my Country and gain advanced skills in using the European Atlas of the Seas by participating in a virtual boat race that will take you from Finland to Italy with multiple stopovers in different sea basins!

Share this article

More like this

- Boat race level 1 (New Skipper)
- Teachers' Guide- Boat race level 1
- Teachers' Guide- Boat race level 2
- Biodiversity quiz
- Easter Egg

## Quiz biodiversité

Published on: Fri, 18/02/2022 - 10:00

A A View as pdf 1 like

Testez vos connaissances!

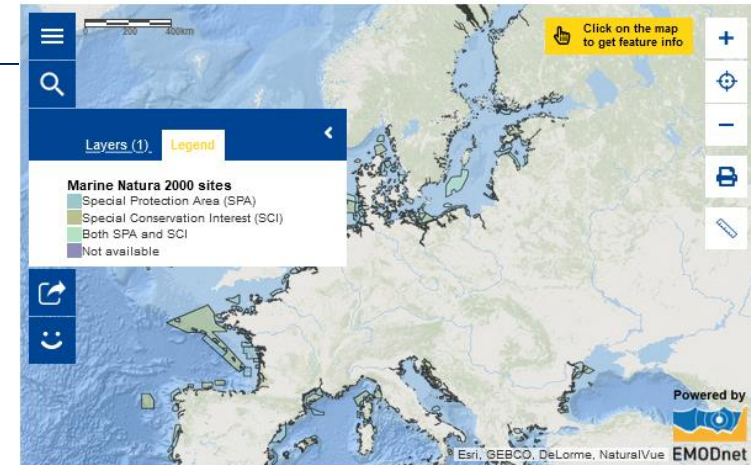
### Marine Natura 2000 sites

Published on: Tue, 17/08/2021 - 14:48

The correct answer to the question about marine Natura 2000 sites is **(A) Less than 10%**. According to the December 2020 Natura 2000 Newsletter, Marine Natura 2000 sites (European Union - 27 Member States) cover 441,001 km<sup>2</sup> (8% of European Union seas). The EU Biodiversity Strategy for 2030 sets several objectives including the protection of at least 30% of the land and 30% of the sea in the European Union.

Le réseau des sites Natura 2000 est un instrument important pour la protection de la biodiversité sur 18% du territoire terrestre et quel pourcentage du territoire marin?

- A. Moins que 10%
- B. Environ 20%
- C. Plus que 30%



Back to the biodiversity quiz.

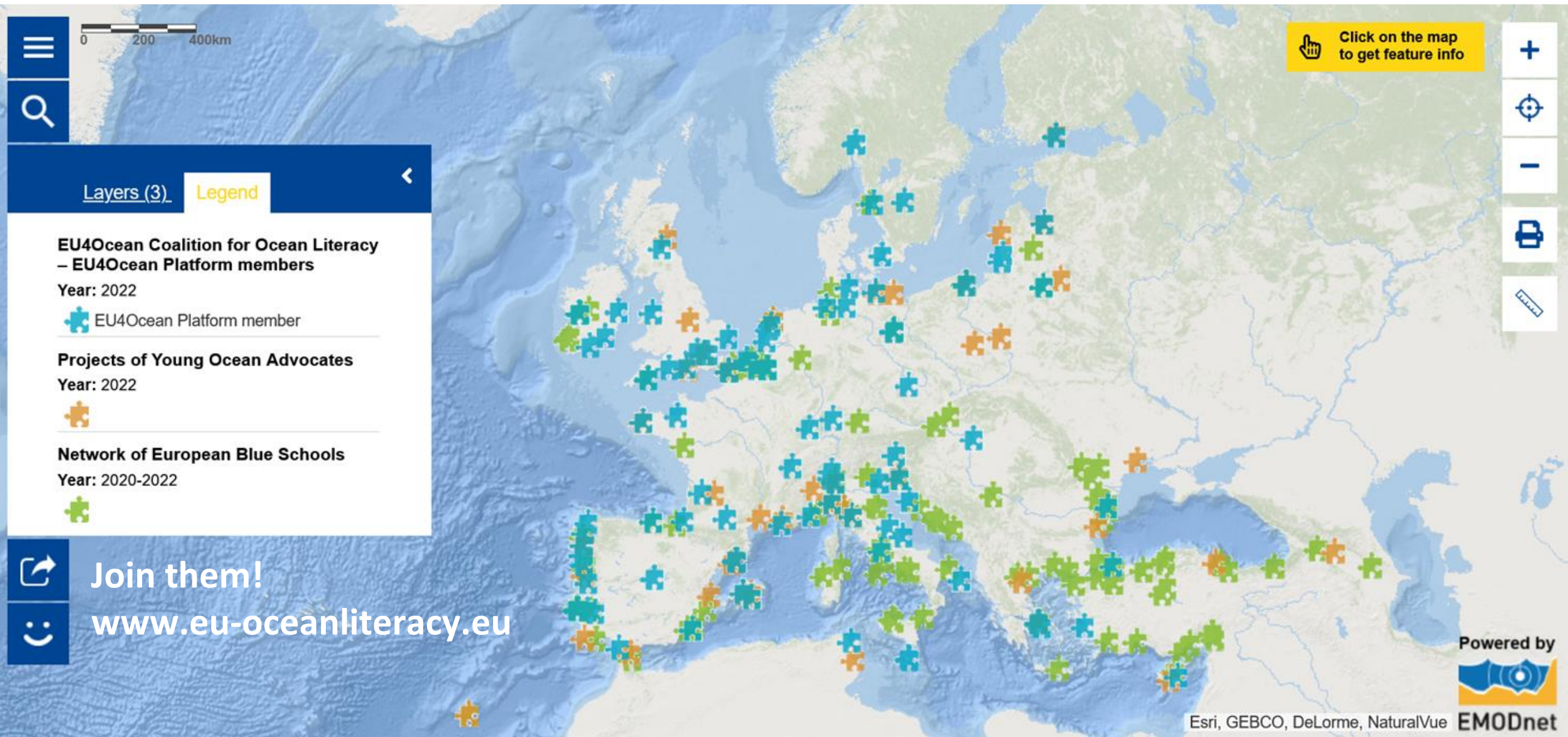
## The European Atlas of the Seas

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

### Boat race level 2 (Experienced skipper) - Teachers Guide

European Commission | EMODnet

# Ocean Literacy



# Education for Climate Challenge: Students become Data Providers!

<https://education-for-climate.ec.europa.eu/community/Atlas/about>

Deadline for schools: 31 March 2023



Log in

Home Your Profile Members & Groups Content Challenges Events & News About

Challenge Let's explore, collect and report | 11 Sep 2022 - 31 Mar 2023

## Be a scientist! Mapping climate change at seas & waterways

Share this page



Stream Ideas About Events Topics Participants

3

ideas

37

participants

6

phases

See challenge information

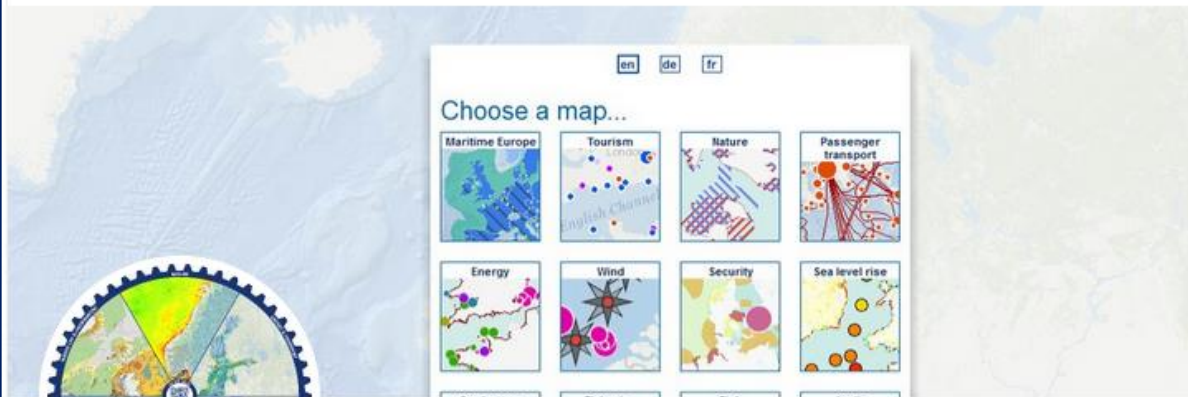
Participate in and get to experience science & research from behind the scenes of the European Atlas of the Seas!





# European Atlas of the Seas

1,880 Tweets



Follow

## 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...](https://ec.europa.eu/maritimeaffair...) Joined September 2013

1,379 Following 2,587 Followers

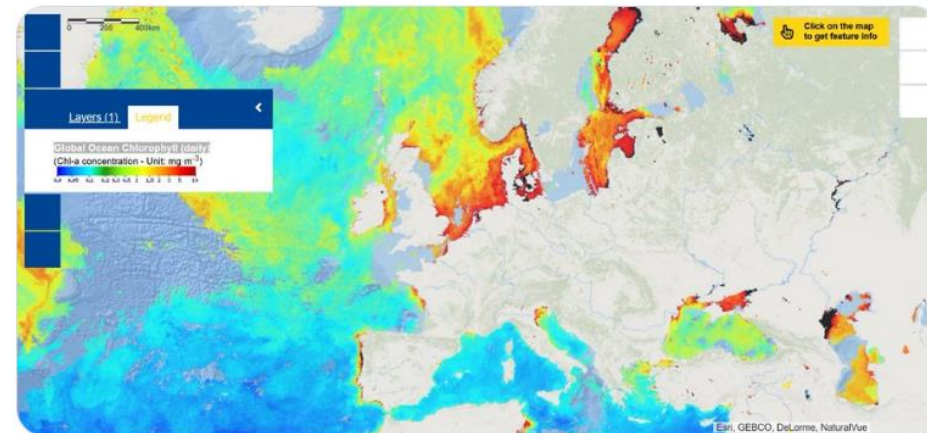


European Atlas of the Seas @EuropeAtlasSeas · Oct 1

With the #MapOfTheWeek, learn about global #ocean #chlorophyll, #MissionOcean and the @CMEMS\_EU Ocean State Report.

[bit.ly/2Y8Pi1L](https://bit.ly/2Y8Pi1L)

#OceanLiteracy #EU4Ocean



EU Maritime & Fish and 9 others



8

11



[www.european-atlas-of-the-seas.eu](http://www.european-atlas-of-the-seas.eu)



Thank you!  
[nathalie.van.isacker@emodnet.eu](mailto:nathalie.van.isacker@emodnet.eu)



[www.european-atlas-of-the-seas.eu](http://www.european-atlas-of-the-seas.eu)



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