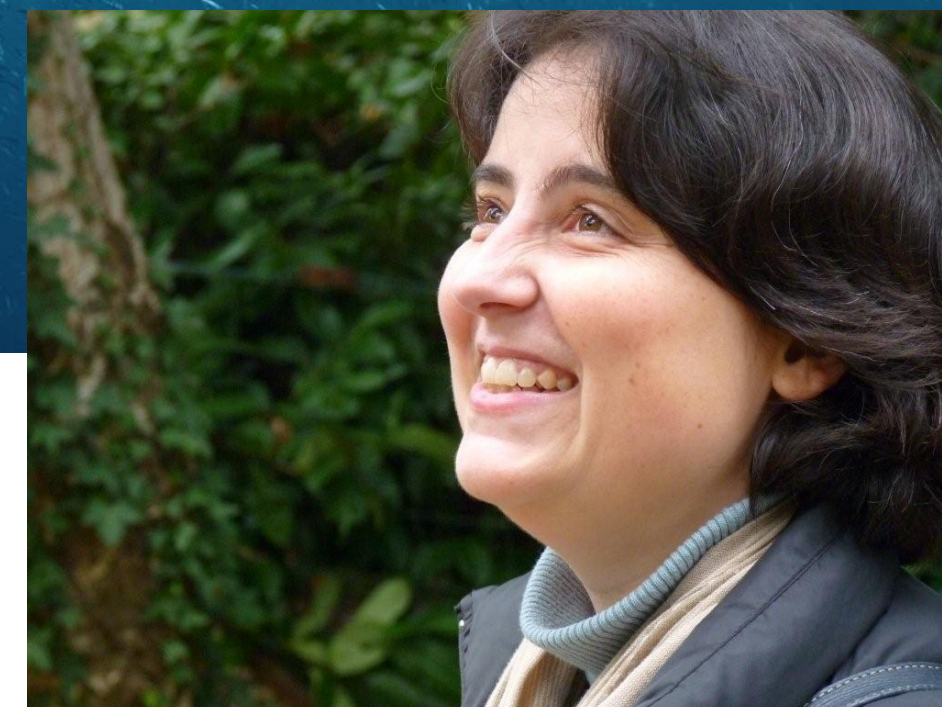


Blue education and the European Atlas of the Seas: new developments!

Nathalie Van Isacker

European Marine Observation and Data Network (EMODnet) Secretariat

28 September 2022





emsea

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

A VOICE FOR OCEAN LITERACY ACROSS EUROPE AND BEYOND.



Do my actions at school
influence the ocean?

Where can I find information
on the ocean?

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

How do we know what we
know about the ocean?



A VOICE FOR OCEAN LITERACY ACROSS EUROPE AND BEYOND.

European Marine Observation and Data Network

emodnet.ec.europa.eu



What is the European Atlas of the Seas?

- 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



Tourism



Nature



Sea life



Transport



Sea bottom



Energy



Security



Fishing stocks and quota



Aquaculture



Employment



A VOICE FOR OCEAN LITERACY ACROSS EUROPE AND BEYOND.

How does it work?

24 languages

Questions/ideas

The screenshot shows the user interface of the European Atlas of the Seas. A red dashed circle highlights the hamburger menu icon in the top-left corner. Another red dashed circle highlights the language selection area, which includes the text 'English' and 'EN', with an arrow pointing to it from the '24 languages' label. A third red dashed circle highlights the 'Give feedback' button with a smiley face icon, with an arrow pointing to it from the 'Questions/ideas' label. The main header area contains the European Commission logo and the breadcrumb 'European Commission > Maritime Affairs > European Atlas of the Seas'. Below this, the title 'European Atlas of the Seas' is displayed with an information icon, followed by the subtitle '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 two columns of navigation buttons. The left column contains 'Do you need help?' (with a question mark icon and a 'v7' badge), 'Advanced features' (with a gear icon), and 'Atlas overview' (with a globe icon). The right column contains 'Teachers corner' (with a person and screen icon) and 'Legal notice' (with a speech bubble icon). A red dashed circle encompasses the 'Do you need help?', 'Advanced features', and 'Atlas overview' buttons. Another red dashed circle encompasses the 'Teachers corner' and 'Legal notice' buttons. The bottom right corner features the 'Powered by' logo for EMODnet, which includes logos for Esri, GEBCO, DeLorme, and NaturalVue.

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

Powered by
Esri, GEBCO, DeLorme, NaturalVue
EMODnet

How does it work?

The screenshot displays the EMODnet map interface. A red dashed circle highlights the search icon in the top-left corner of the map. Another red dashed circle highlights the 'X' button in the top-right corner of the 'Add layers to the map' panel. The panel itself is titled 'Add layers to the map' and features a search bar labeled 'Search for layers'. Below the search bar are three tabs: 'Predefined maps (19)', 'Layers', and 'Map stories'. The 'Layers' tab is currently selected. Under this tab, there are two main categories: 'Algae production' and 'Aquaculture'. Under 'Algae production', there are two items: 'Macroalgae production facilities' and 'Microalgae production facilities', both of which have a checked checkbox and are circled in red. Under 'Aquaculture', there are two items: 'Aquaculture production' and 'Aquaculture production by species', both of which have an unchecked checkbox. The bottom right corner of the image shows the text 'Powered by' followed by the EMODnet logo and the text 'Esri, GEBCO, DeLorme, NaturalVue EMODnet'.

How does it work?

Search for layers

Predefined maps (19) Layers Map stories

Algae production

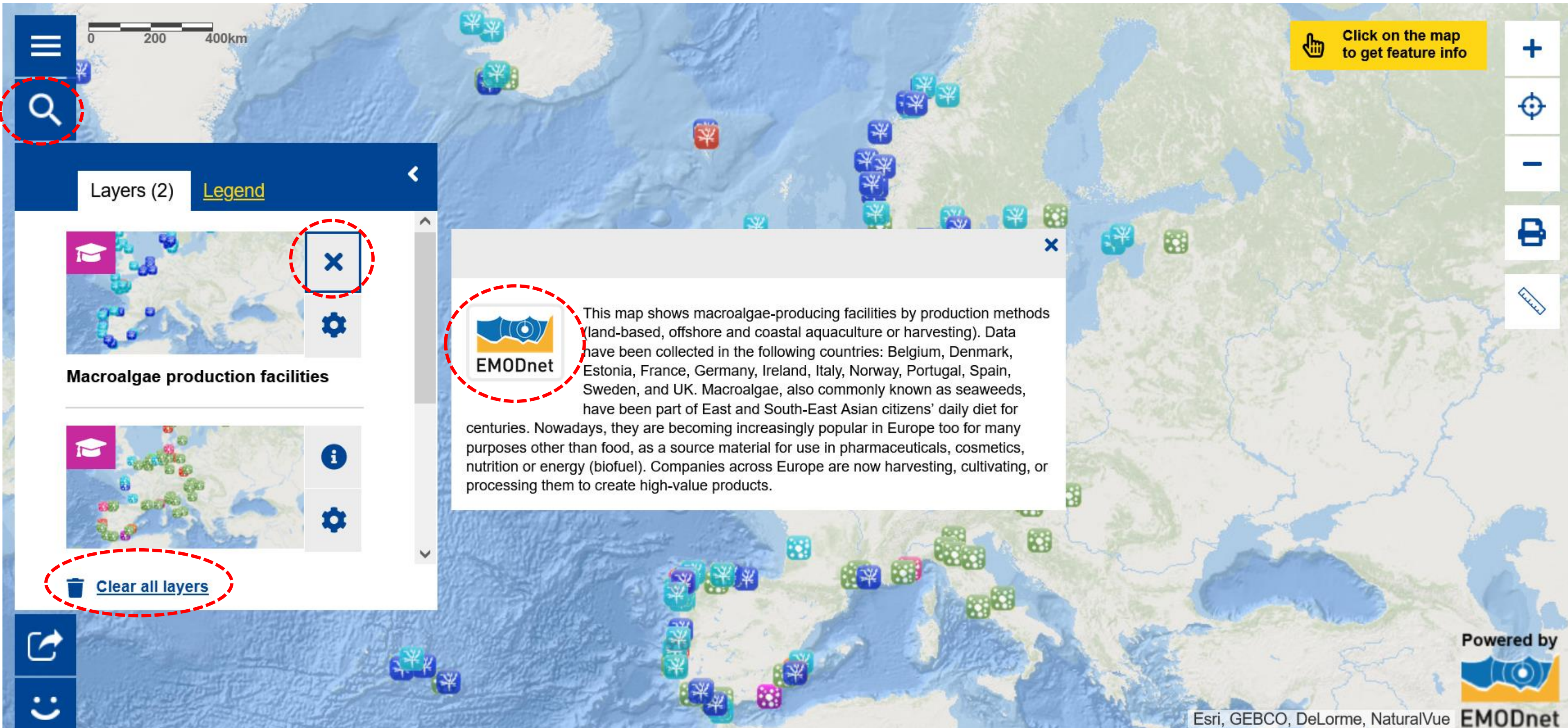
- ☒ Macroalgae production facilities
- ☒ Microalgae production facilities

Aquaculture

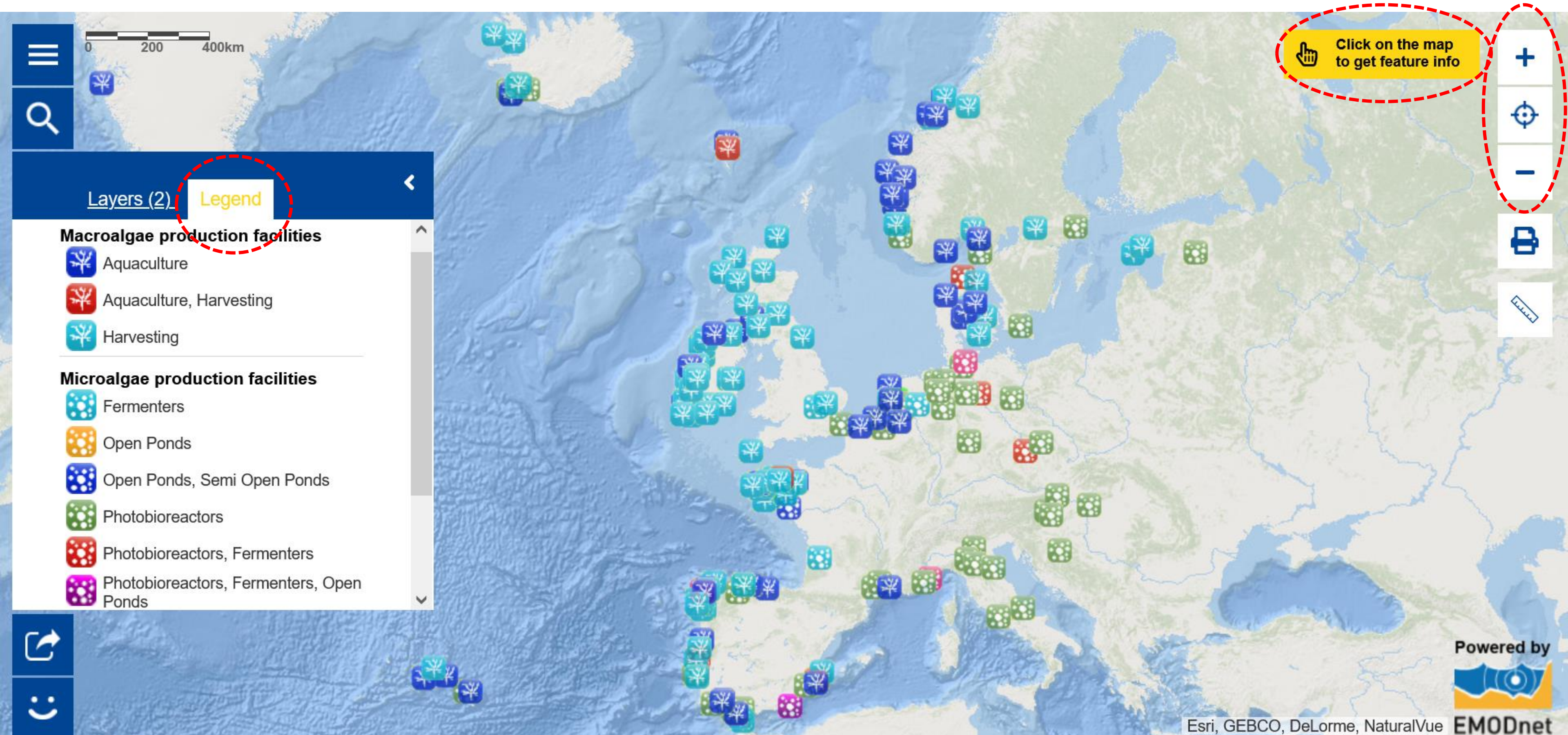
- ☐ Aquaculture production
- ☐ Aquaculture production by species

Powered by
Esri, GEBCO, DeLorme, NaturalVue
EMODnet

How does it work?



How does it work?



ESRI, GIBCO, Delorme, NaturalVue **EMODnet**

English EN
Follow us
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X

Print

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 >](#)

Learning to use the Atlas' tools

[illegible]

Learning to use the Atlas' tools



Related issues

European Atlas of the Seas

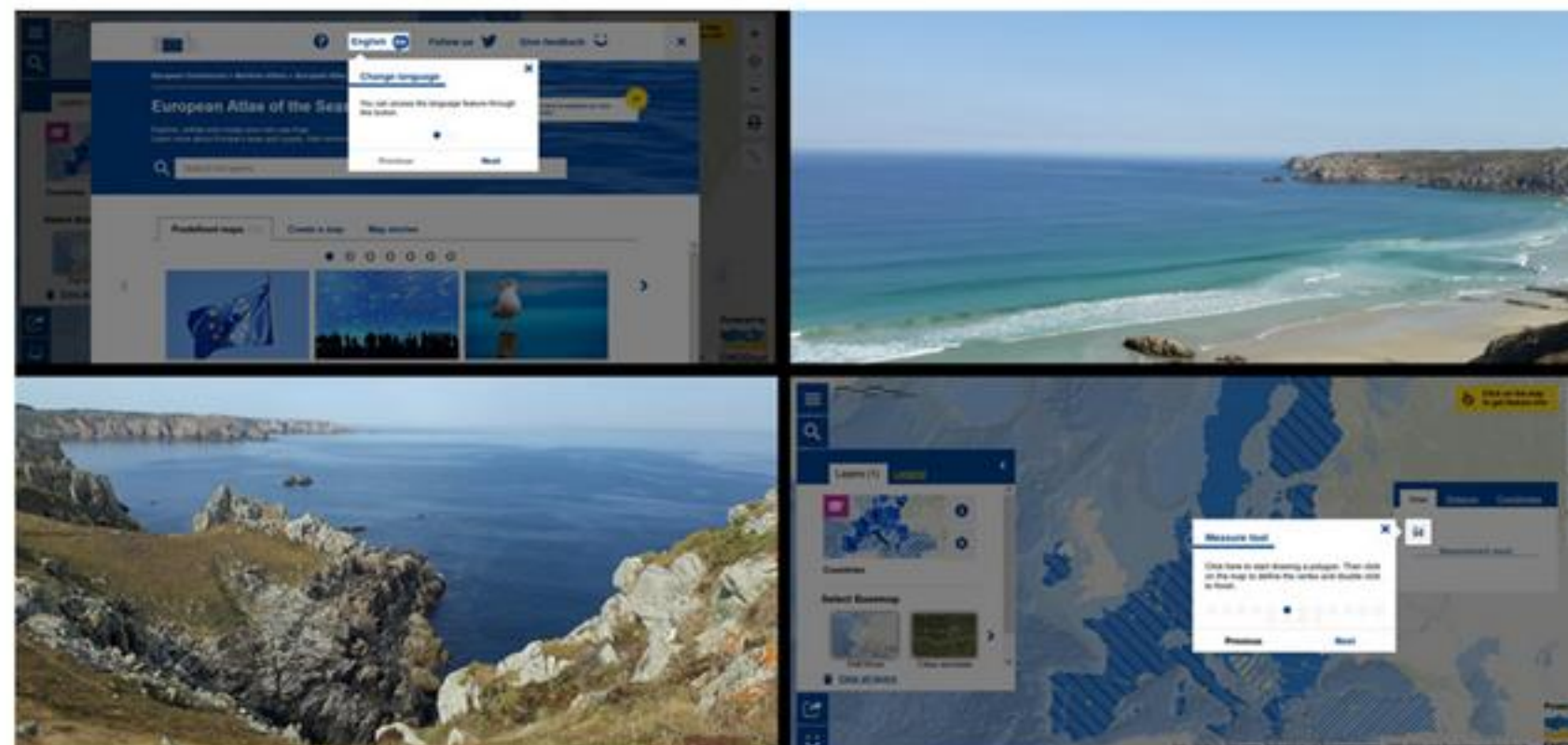
European Atlas of the Seas: interactive help now available in 24 languages!



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

A A 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!



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On an amazing journey
with the European Atlas
of the Seas!

Follow the lead of EU
Commissioner
Sinkevičius and
#ExploreYourOcean in
24 languages!

The European Atlas of the Seas, for the first time at Seafood Expo Global!

Presentation of the European Atlas of the Seas at the EU4Ocean Baltic Sea Basin Event on Ocean Literacy

Presentation of the European Atlas of the Seas at the EU4Ocean Mediterranean Sea Basin Event on Ocean Literacy

The Teachers Corner

Espace enseignants

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

A A

View as pdf

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.



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

Jusqu'à 12 ans

De 12 à 15 ans

De 15 à 18 ans

Espaço dos professores

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

A A

View as pdf

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.



Explore, colija e crie o seu próprio mapa

Consulte a lista de camadas

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

Apresentações recentes

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.

← → ↺ 🏠

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

📄 90%

★

||| 📖 📧 >> ☰

🇪🇺 An official website of the European Union

How do you know? ▾

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

Themes ☰

🏠

Communities

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F.A.Q

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Teachers Corner

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+ Teachers Corner

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+ Espaço dos professores

• Posters

+ Workshops

• Presentations

+ Quiz

Teachers Corner

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

A A

View as pdf

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)

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Atlas Teachers Corner

Teachers' Guide- Treasure Hunt

Teachers' Guide- Easter Egg

Ocean and seas

Sea Bottom

- ✓ Map based exercises
- ✓ Quizz
- ✓ Games

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

The Teachers Corner

European Commission

MARITIME FORUM

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Related issues

Boat race level 1

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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)

I like it

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

A AView 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!



Note for teachers

Share this article

More like this

Teachers' Guide- Boat race level 2

Teachers' Guide- Boat race level 1

Boat race level 2

Biodiversity quiz

Easter Egg

Quiz biodiversité

I like it

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

A AView as pdf1 like



Le réseau des sites Natura 2000 est un instrument important pour la protection de la biodiversité dans l'Union européenne. Il s'étend sur 18% du territoire terrestre et quel pourcentage du territoire marin?

A. Moins que 10%

B. Environ 20%

C. Plus que 30%

European Commission

MARITIME FORUM

European Commission > Maritime Forum >

ThemesCommunitiesSearchF.A.Q

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Related issues

Teachers' Guide - Boat race level 1

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+ Teachers Corner

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- Quiz (English)

- Boat race level 1

• Teachers' Guide - Boat race level 1

+ Boat race level 2

+ Treasure Hunt

+ Easter Egg

+ Biodiversity quiz

+ Quiz (Français)

Teachers' Guide - Boat race level 1


I like it

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

A AView as pdf

Get insight on how to play the game at school.

Would you like to organise the virtual boat race at school? Have a look at the Teachers' Guide for more information on the game!

 atlas_boat_race_level1_teachersguide.pdf

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Teachers' Guide- Boat race level 2

Teachers' Guide- Treasure Hunt

Teachers' Guide- Easter Egg

Boat race level 2

Boat race level 1 (New Skipper)

Devellopping competences



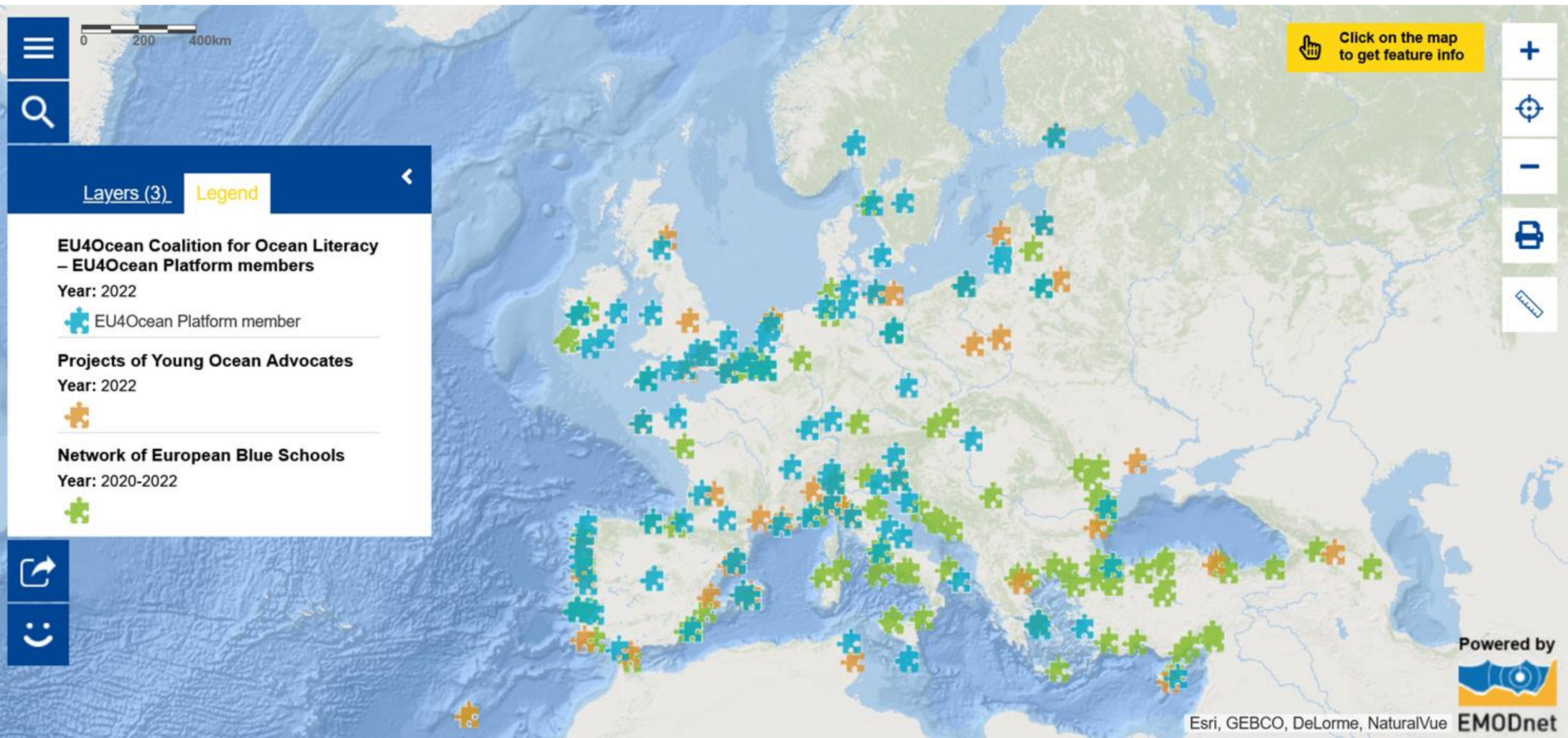
- ✓ reading, understanding and interacting with a **map**;
- ✓ reading and understanding **graphic information**;
- ✓ creating a map using different **map layers**;
- ✓ **measuring distances** on map;
- ✓ learning to **search for information** online and **summarizing findings** into a presentation;
- ✓ working in different **languages**.

Integrating the Atlas in school work and projects



- ✓ Geography
- ✓ Science, Technology, Engineering, and Mathematics (STEM)
- ✓ Nature conservation
- ✓ Environmental issues
- ✓ Blue Economy
- ✓ Sustainable development
- ✓ Languages
- ✓

Ocean Literacy



Education for Climate Challenge



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Challenge Let's explore, collect and report | 11 Sep - 29 Nov 2022

Be a scientist! Mapping climate change at seas & waterways

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3 ideas 31 participants 6 phases

See challenge information

Stream Ideas About Events Topics Participants

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

Let's explore, collect and report

12 Sep - 29 Nov

Permissions

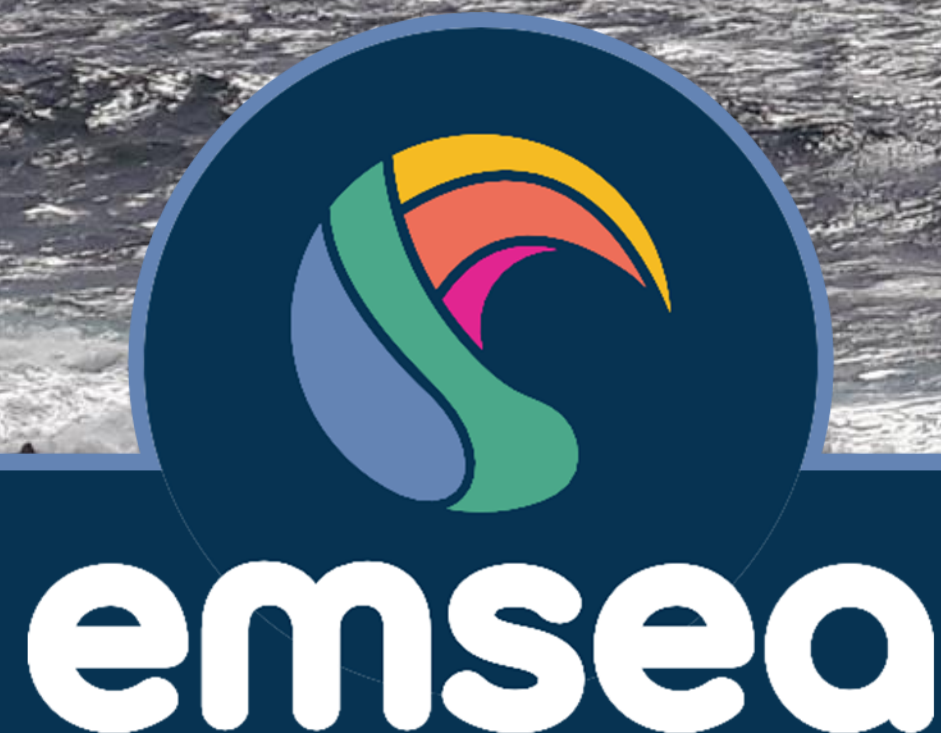


Active

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



Thank you!
nathalie.van.isacker@emodnet.eu



A VOICE FOR OCEAN LITERACY ACROSS EUROPE AND BEYOND.



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