Credits: Pexels, Thirdman

#LearnWithTheAtlas

Atlas Online workshop

4 December 2024
18:00 - 19:30 (CET)

European Commission

EMODnet
European Marine
Observation and
Data Network

Part 1
Presentation

18:00 - 19:00

Credits: Pexels, Thirdman

Introduction

- Please note that the presentation is being recorded.
- A screenshot will be taken during the meeting and published to illustrate an article on the European Atlas of the Seas website. Please ensure your video is turned off if you do not wish to be seen!
- Please keep yourself muted during the presentation.
- Use the Chat Box for any questions or comments.
- During the discussion, please turn on your microphone when you are given the floor and stick to short and specific remarks/questions so that everyone can participate in the discussion.

European Commission | EMODnet
European Marine Observation and Data Network

www.european-atlas-of-the-seas.eu
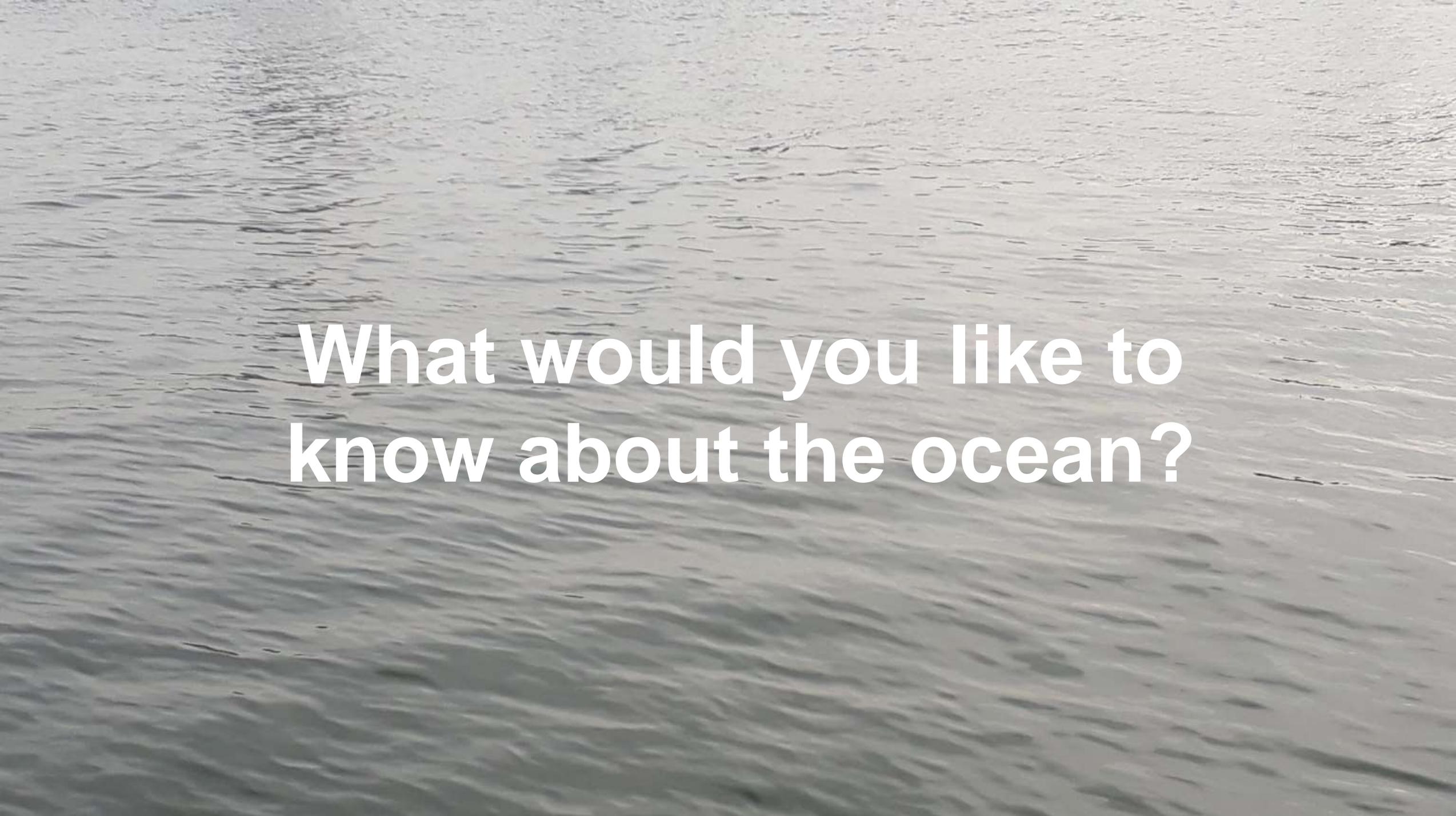
What would you like to know about the ocean?

European Marine Observation and Data Network

emodnet.ec.europa.eu

© SOCIB

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 270 interactive map layers
- Identified data sources
- Custom maps
- Easily accessible
- 24 official languages
- Print & embed tools

European Commission

EMODnet
European Marine
Observation and
Data Network

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

How does it work?

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

24 languages

Menu

European Commission > Maritime Affairs > European Atlas of the Seas

English EN   Follow us   Give feedback

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?

Teachers corner

Advanced features

Legal notice

Atlas overview

Accessibility

Layers (0)

Select Basema

EMODnet template

Clear all layer

Powered by

Esri, GEBCO, Garmin, NaturalVue   EMODnet

Looking for map layers…

Finding information about the map layer …

Reading the legend, zooming in and out …
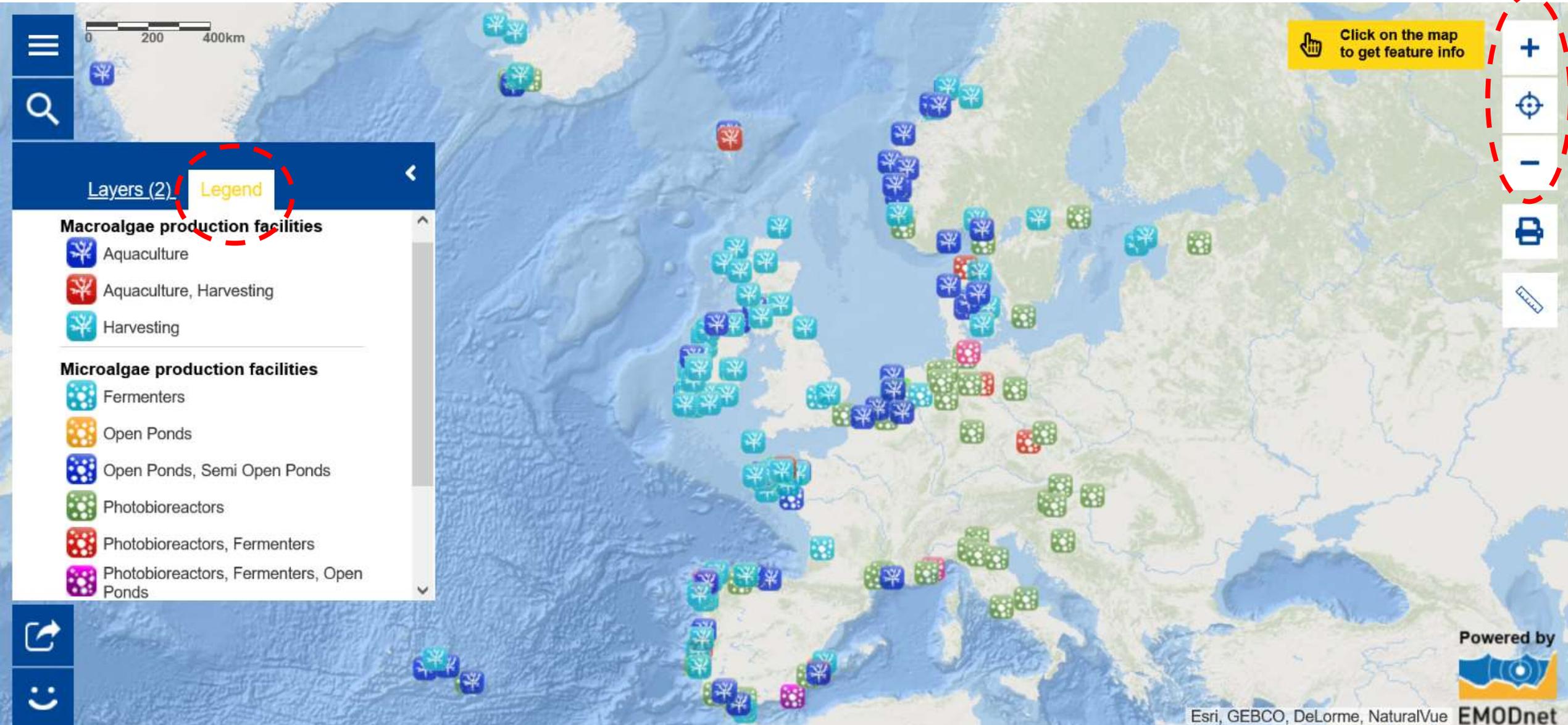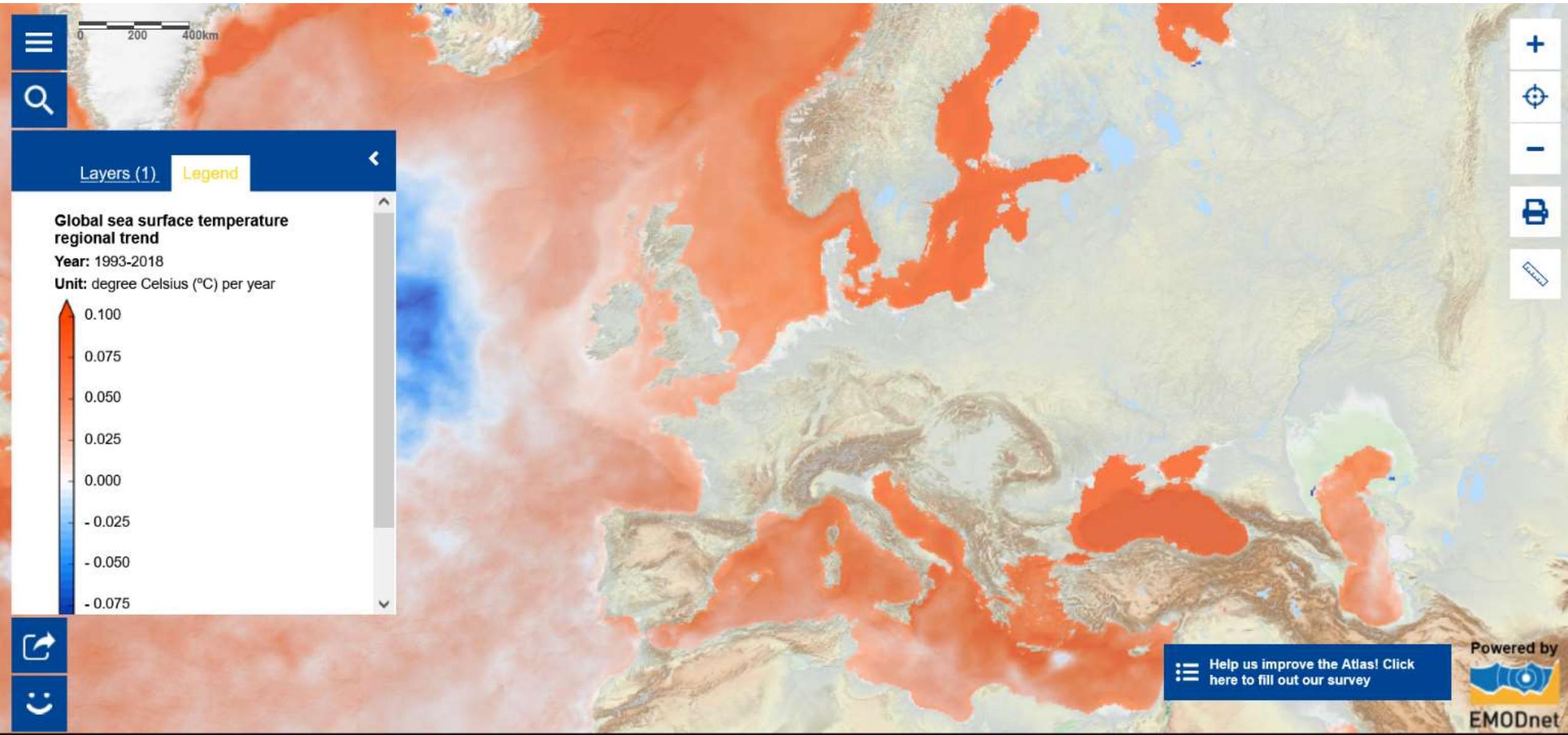
Some examples ...

Some examples ...
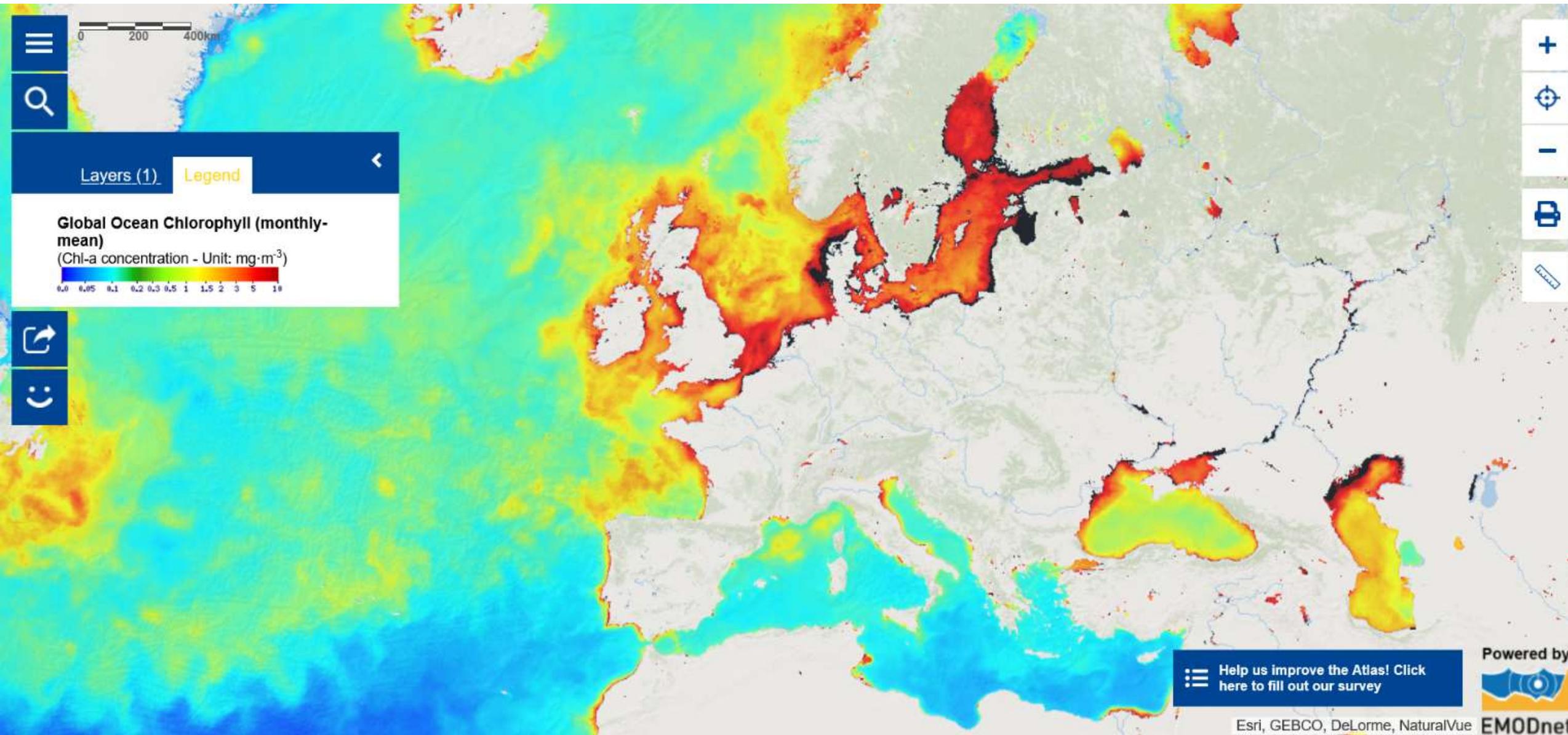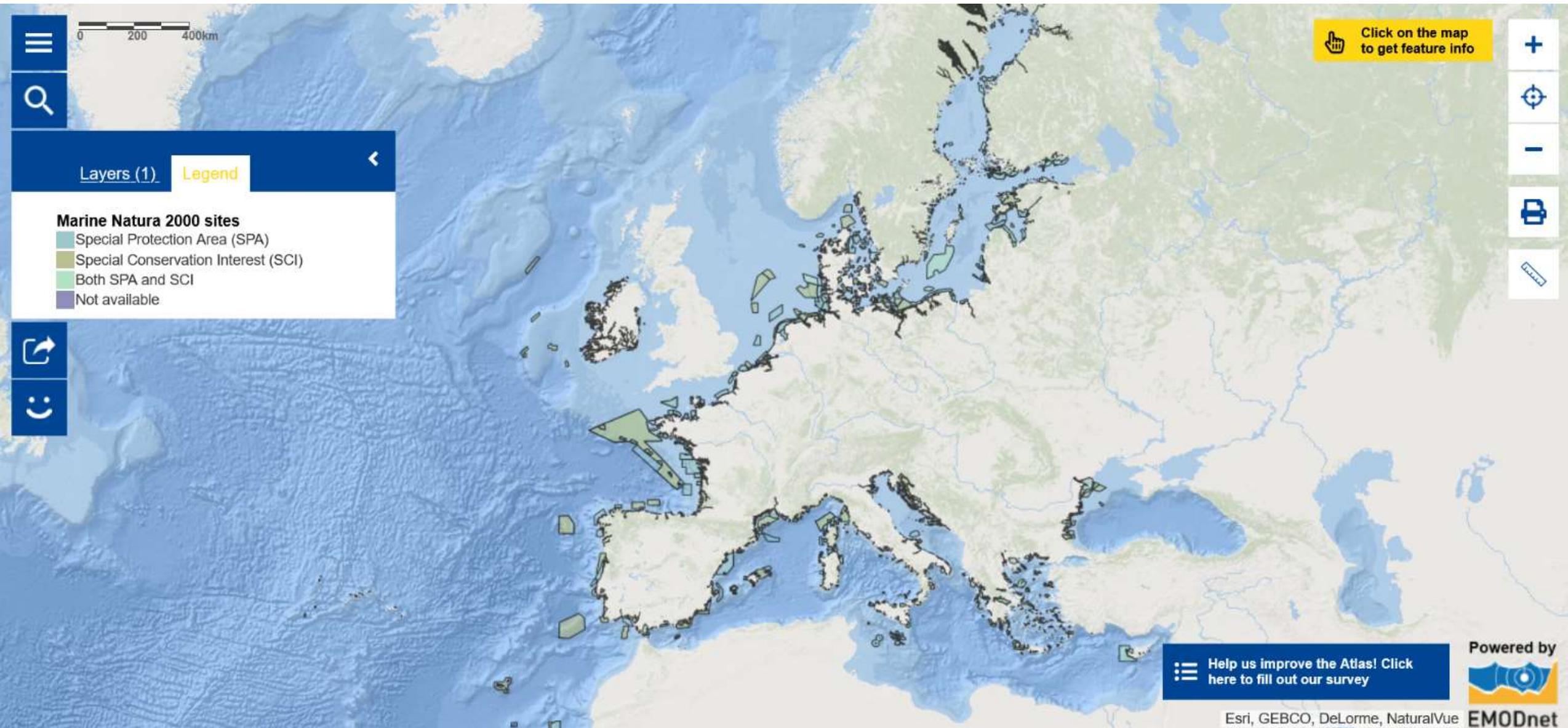
Some examples ...
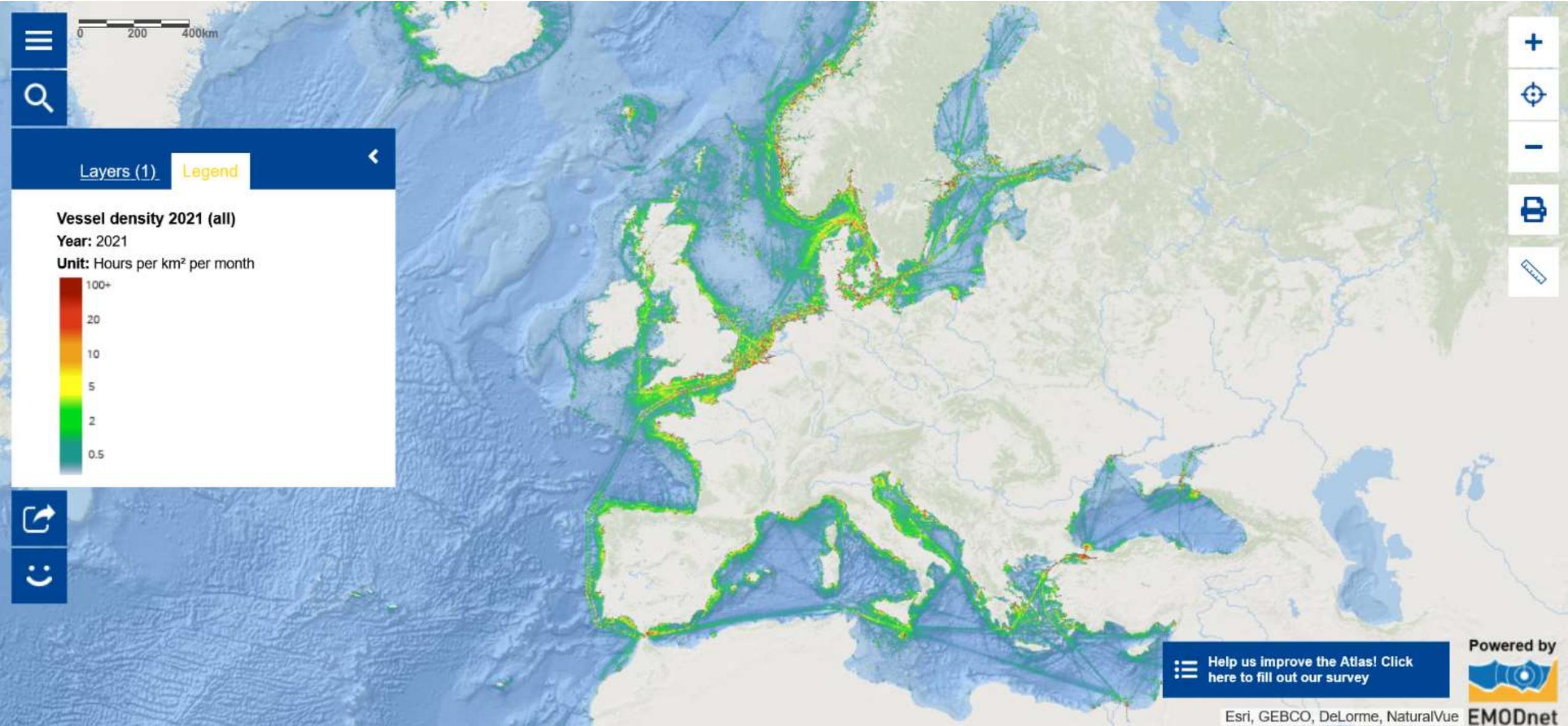
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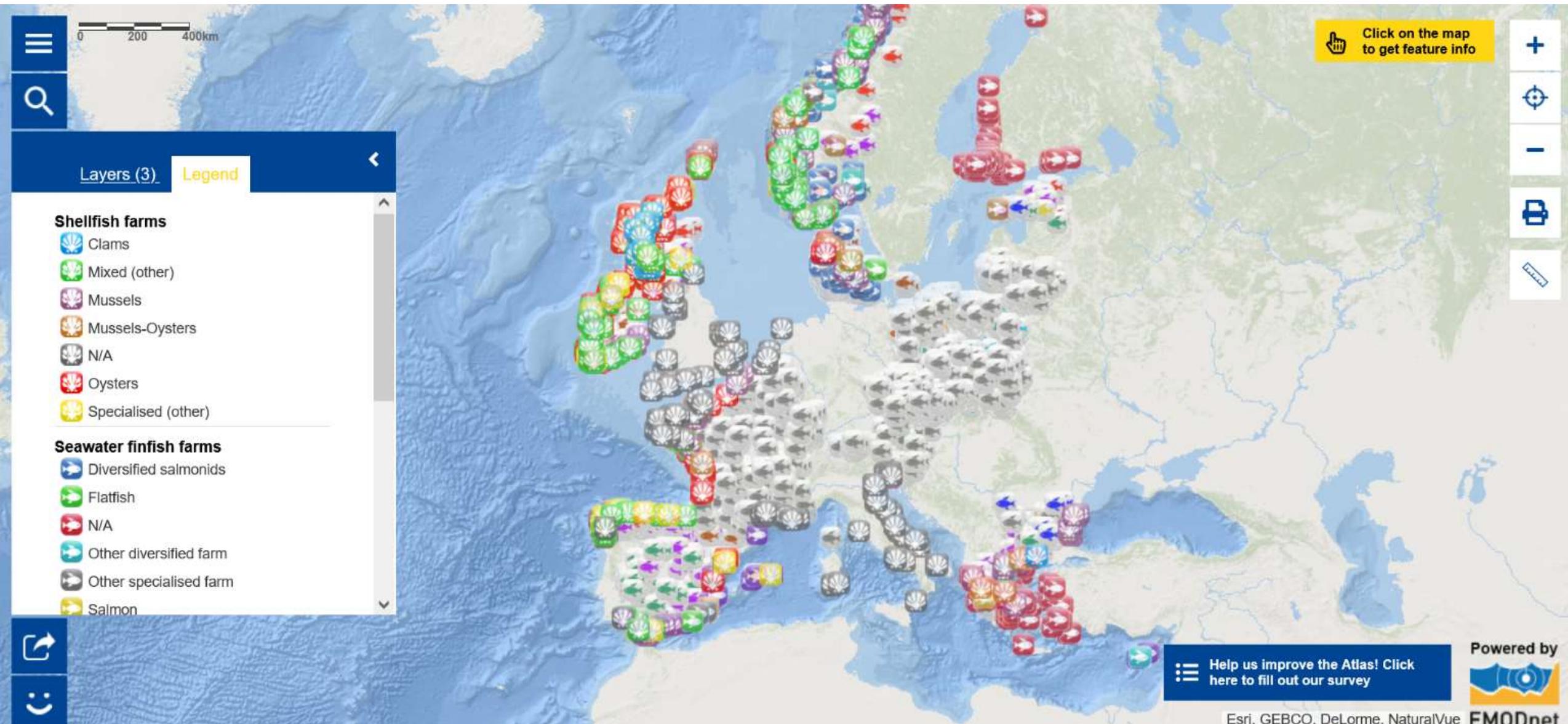
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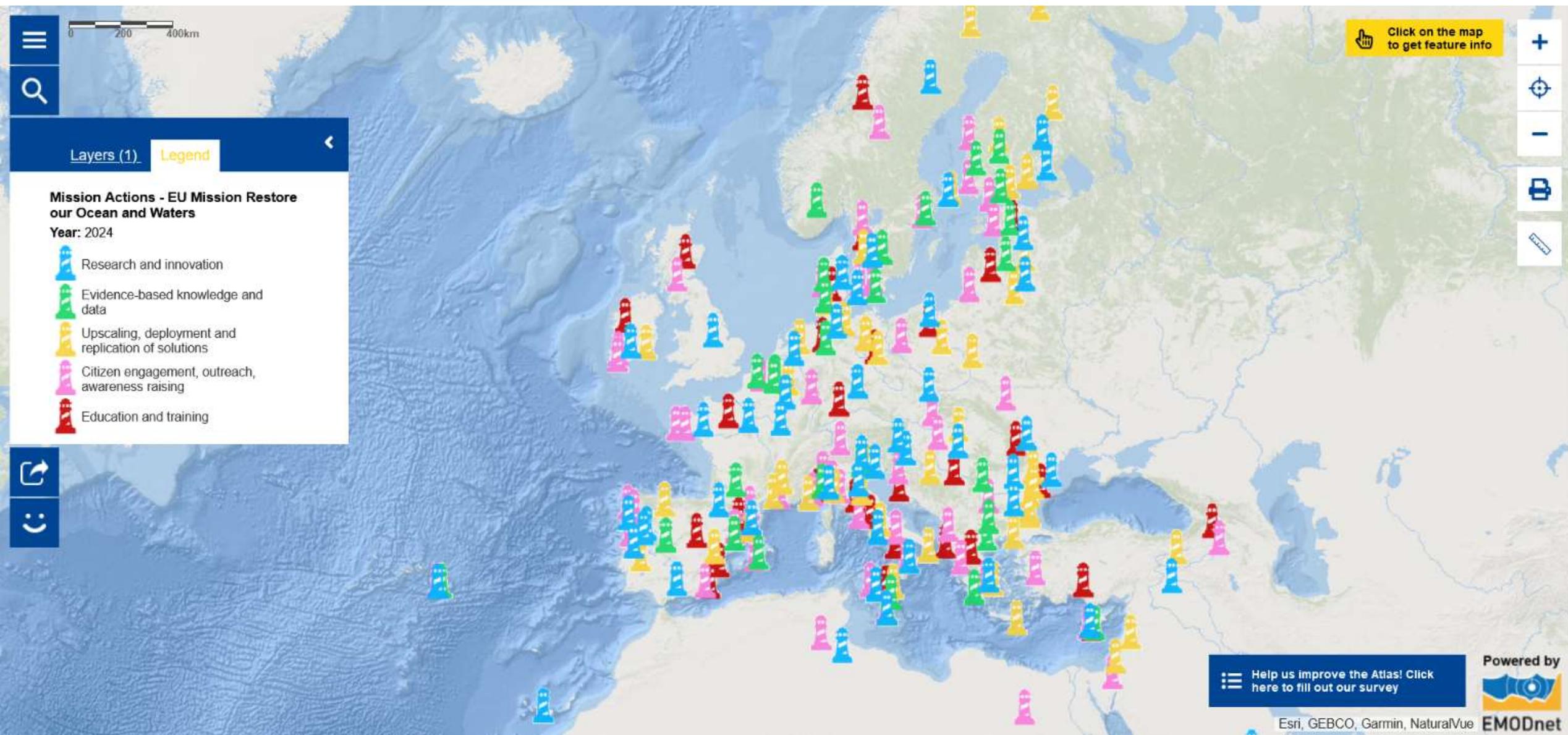
Some examples ...

Some examples ...
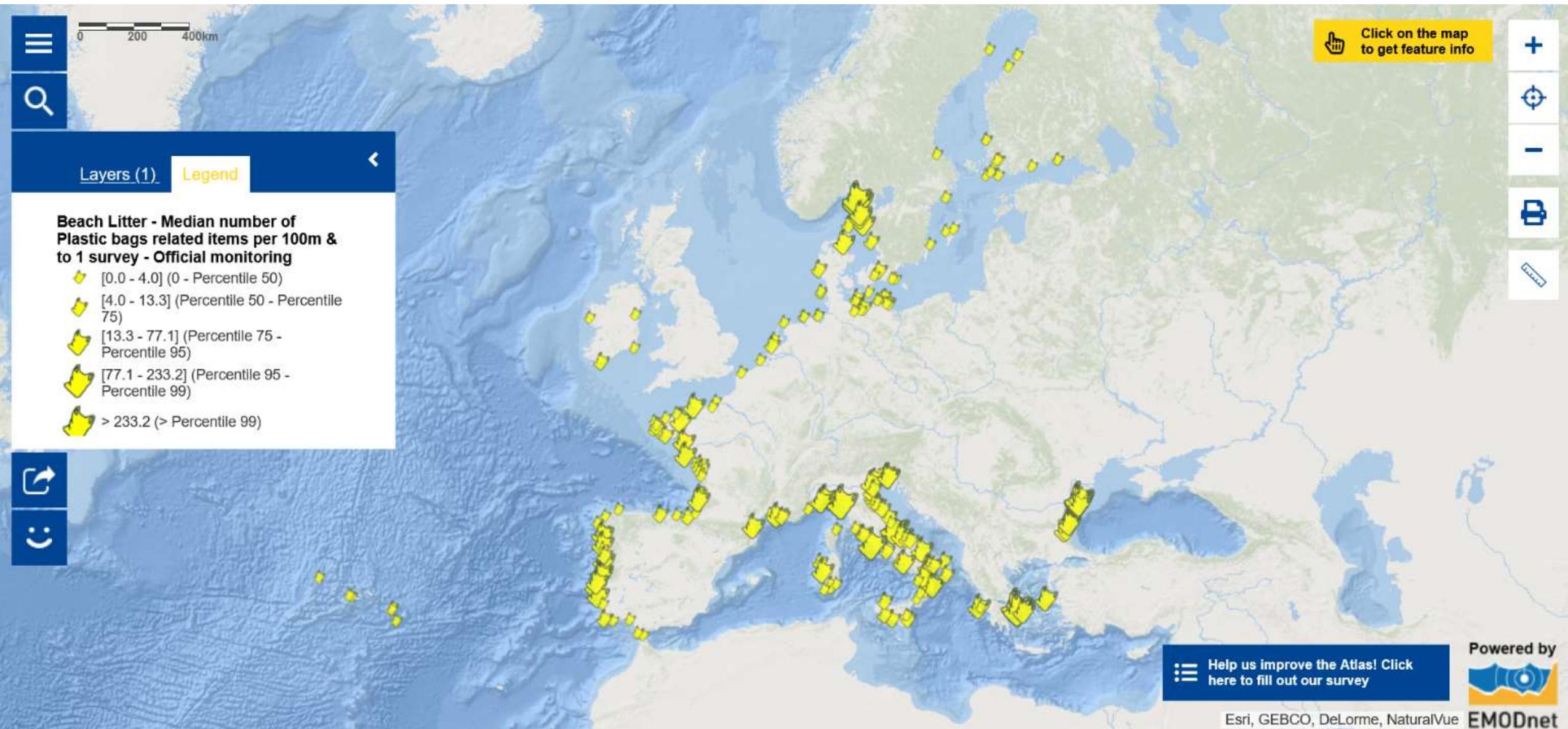
First citizen science map in the Atlas ...
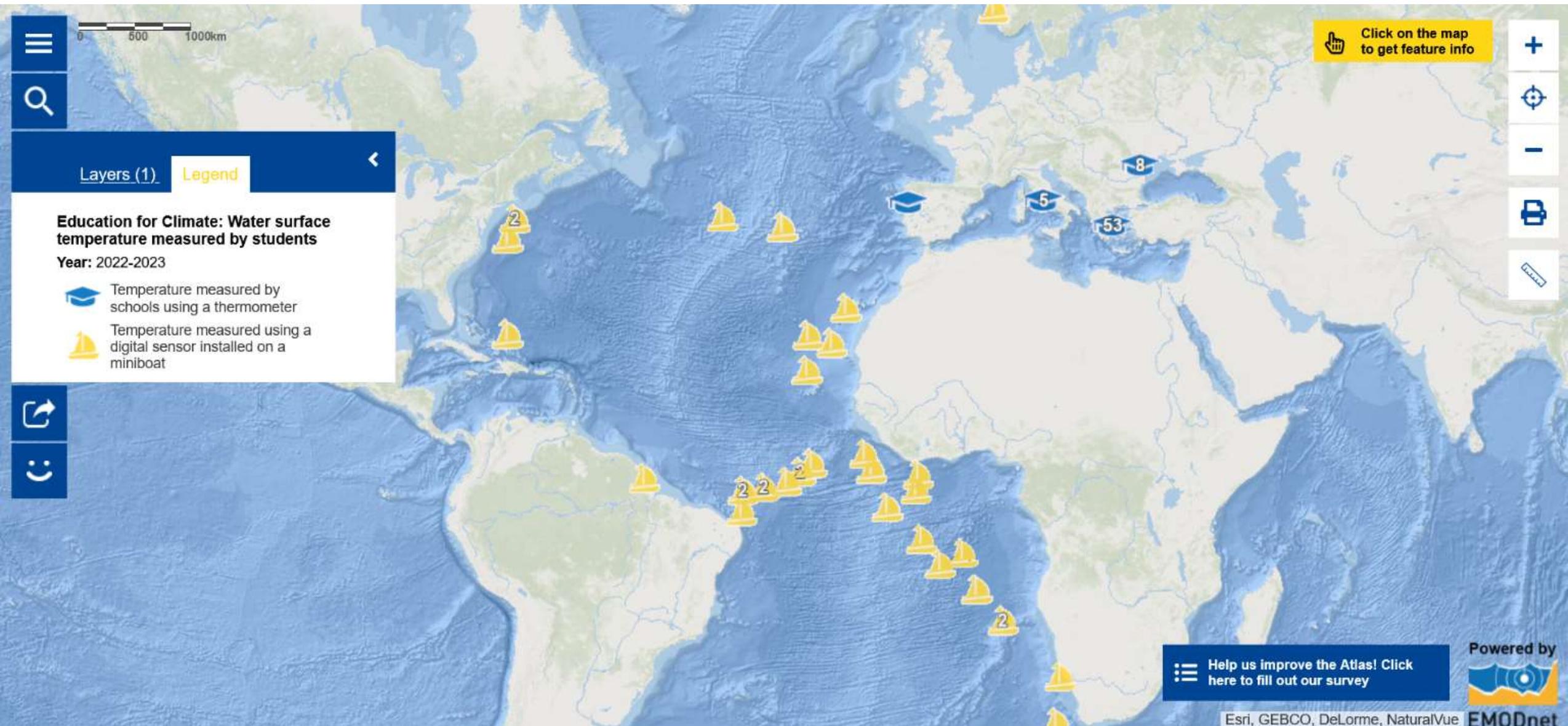
Learning to use the Atlas' tools in 24 languages !
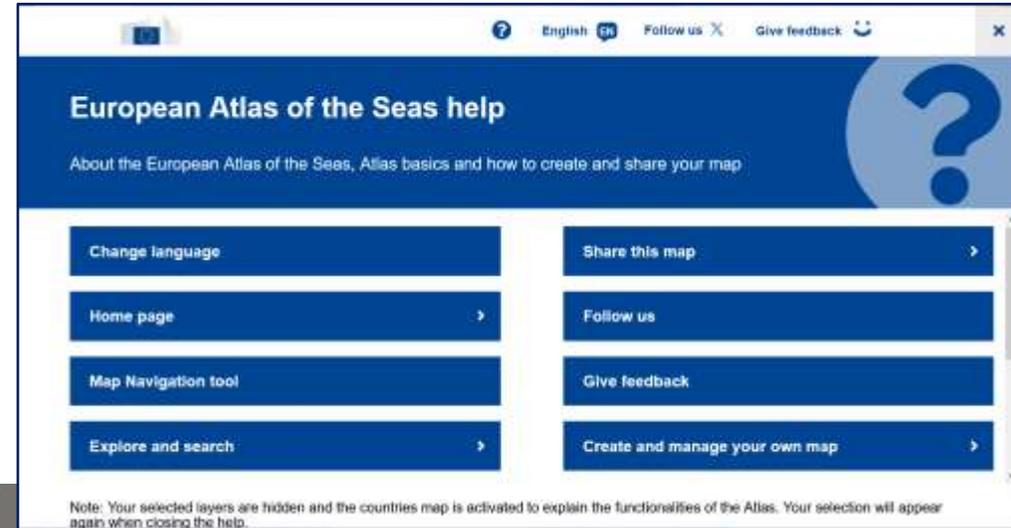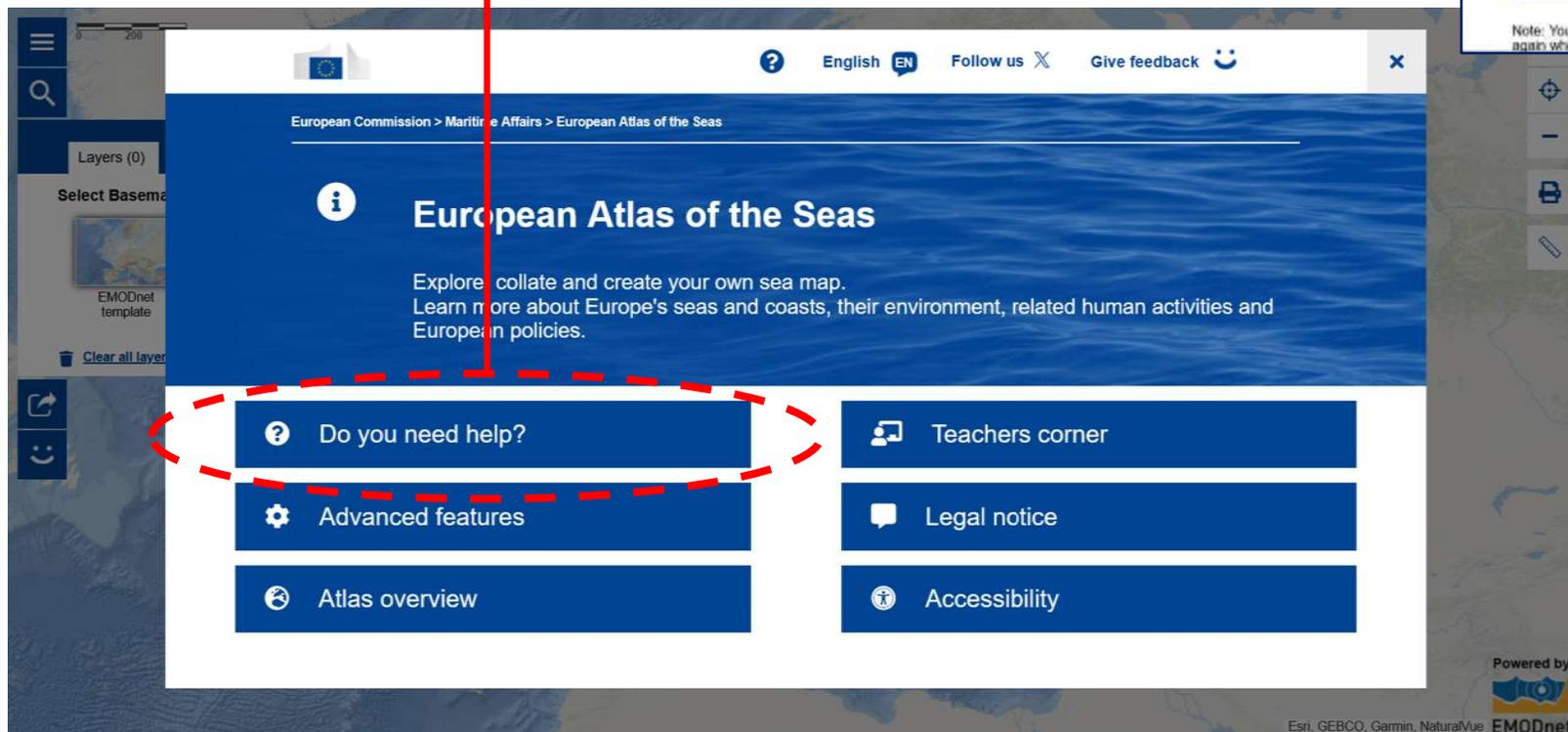
Integrating your map in your work with the Atlas' tools

My Maps: Create your own working space in the Atlas and save your maps!

Layers (3)   Legend

Underwater glider

Ferrybox

Argo floats

Click on the map to get feature info

Powered by EMODnet

Esri, GEBCO, DeLorme, NaturalVue

My Maps: Your working space in the Atlas!

My Maps: Your working space in the Atlas!

Write the description of your map or, if you are a teacher, prepare questions for students

Save

My Maps: Your working space in the Atlas!

Activating the 'My Locations' tool

Activating the 'My Locations' tool

'My Locations': Accessing your working space with the EU Login

Using the 'My Locations' tool to create your own map

Import your data into the Atlas

OR

Create a table with your data in the Atlas

'My Locations': Importing your data into the Atlas (e.g. from Excel)

'My Locations': Creating a table with your data in the Atlas

(1) Click on the pin and select a location to add it to the table

My Locations: Your working space in the Atlas!

(2) Type in the description for your first location

'My Locations': Creating a table with your data in the Atlas

(3) Add columns and click on three points to rename them

'My Locations': Creating a table with your data in the Atlas

(4) Add rows for other locations

'My Locations': Creating a table with your data in the Atlas

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'My Locations': Creating a table with your data in the Atlas

'My Locations': Creating a table with your data in the Atlas

'My Locations': Updating a table with your data in the Atlas

'My Locations': Combining your map layer with another

'My Locations': Combining your map layer with another

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

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
- **Teachers corner**
- Legal notice

Atlas Teachers' Corner
European Atlas of the Seas

Up to 12   12 to 15   15 to 18

✔ Exercises
✔ Quizzes
✔ Games

✔ Posters
✔ Past workshops - presentations

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

The Atlas' Maps of the Week – published every Friday
https://maritime-forum.ec.europa.eu/theme/marine-knowledge/european-atlas-seas_en

Map of the Week – Renewable Energies: Offshore Wind Farms

This map shows the point locations and operational status of offshore wind farms in European seas.

This week marked the beginning of the 29th Conference of the Parties (COP29 ↗) to the United Nations Framework Convention on Climate Change (UNFCCC ↗), as nations gather between 11 and 22 November 2024 to address global climate challenges. COP29 is an international summit where governments, scientists, activists and policymakers discuss strategies to achieve key environmental targets, including emissions reductions and adaptation measures [1]. COP29 also offers inclusive access to the global community through platforms such as the COP29 Virtual Ocean Pavilion ↗, which elevates ocean conservation's role in climate talks. This virtual pavilion features live events, exhibitions, and interactive tools, making it possible for people and youth worldwide to engage with ocean issues and connect with experts in real-time. For instance, on November 11, the World Maritime University ↗ and OceanICU ↗ hosted an event, 'The Ocean Carbon Cycle: Bridging science, policy development and concrete action ↗', highlighting the ocean's essential role in carbon regulation. This event brought scientific insights and policy perspectives together to underscore the ocean's critical potential for climate mitigation within global climate frameworks.

Map of the Week – Riverine and Coastal Pollution

This map shows the median number of cigarette related litter items per beach per year along 100 metre segments of the European beaches between 2001 and 2022.

Did you know that every year, millions of tonnes of litter end up on beaches, seas and ocean? An estimated 80% of this waste comes from land-based sources like beach littering, landfills and street litter carried to the sea by untreated sewage, rivers and floodwaters [1]. The Plastic Pirates-Go Europe! ↗ initiative addresses this issue by engaging young people across Europe to combat pollution through data collection on waste in rivers and coastal areas, supporting scientific research and raising awareness about environmental protection. Now active in over 13 European Union (EU) countries and beyond, the Plastic Pirates initiative aims to further expand and increase international collaboration.

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Learn about the EU4Ocean Coalition for Ocean Literacy
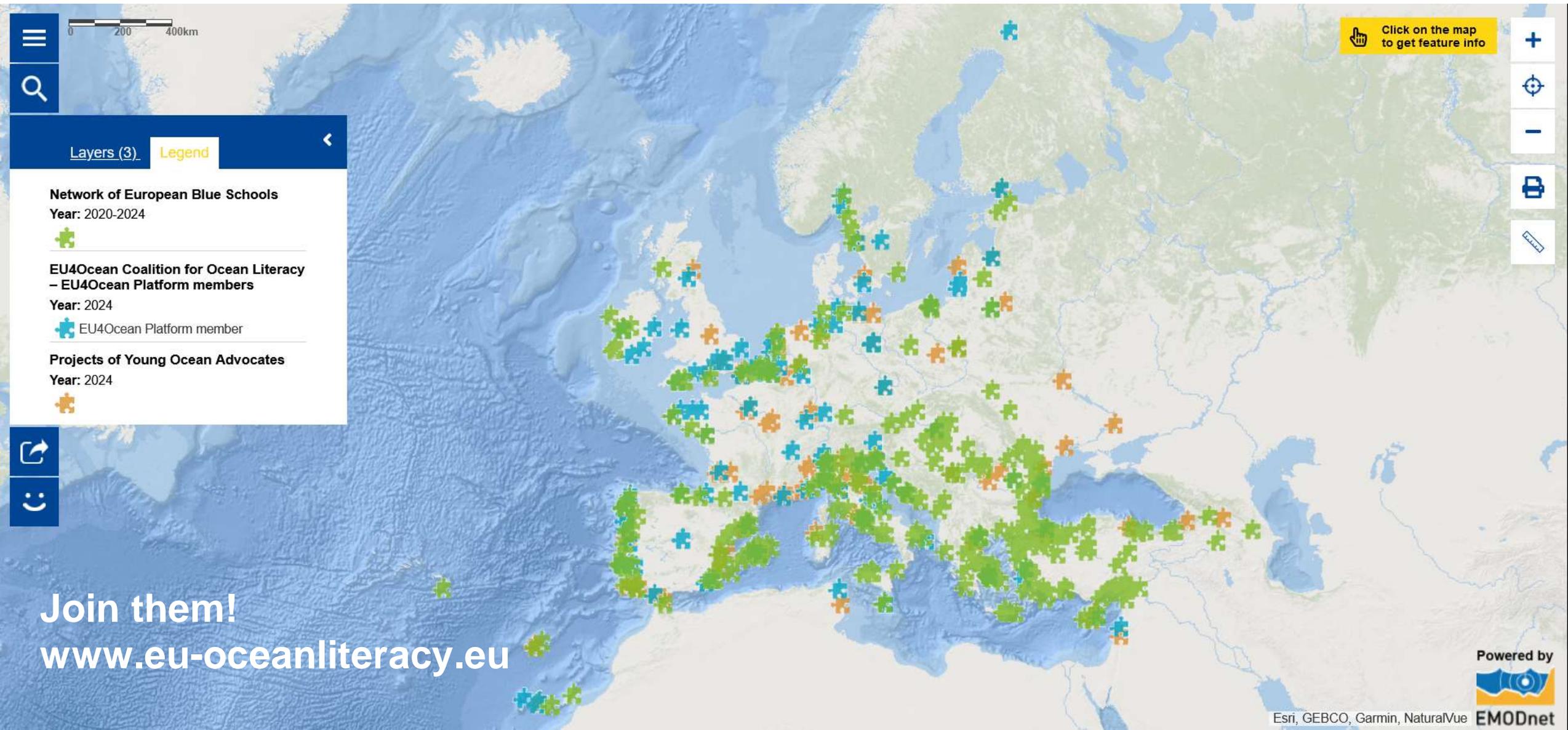
Join them!
www.eu-oceanliteracy.eu

EU4Ocean
Coalition consists of
3 communities

EU4Ocean Platform
for organisations and individuals engaged
in ocean literacy initiatives

**Network of European
Blue Schools**
for schools, teachers and staff of education
services from all subjects

Youth4Ocean Forum
for young ocean advocates aged between 16 and 30

Why join EU4Ocean?

**Design and participate
in collective actions.**

**Develop and carry out
ocean literacy projects.**

**Collaborate with researchers,
industry experts, policymakers,
artists, schools, and youth.**

**Participate in challenges to win
awards with your own project or
initiative.**

Network of European Blue Schools

for schools, teachers and staff of education services from all subjects

JOIN THE NETWORK OF EU BLUE SCHOOLS

apply by

15 DECEMBER

#EU4Ocean
#Youth4Ocean
#EUBlueSchools

Support a Young Ocean Advocate's project!

Target Group:
Students aged 5 to 22 years

Lesson Plan (45 Minutes):
- Introduction to the Topic
- Writing the Letters
- Adding Drawings
- Conclusion and Submission

LETTERS TO THE SEA

Share your love, dreams, and ideas about the ocean.

Who are we looking for?
If you are between 3 to 22 years old, we would love to hear from you.

What can you write?
Express your love for the ocean, why we should care for it, and your experiences. Drawings and letters in any language are welcome!

Why write a Letter to the Sea?
Our oceans need your voice. Your letter could be adopted and answered by worldleaders in different conferences.

Don't forget to include your name, age, and location at the end of your letter.

JOIN US!

margarita@onewater.blue   sierra@onewater.blue

🌀 **https://linktr.ee/letterstothesea**

LETTERS to the SEA

Somos OceanoS

About us: We are promoted by Somos OceanoS, a UN Ocean Decade project, that combines accessible science communication and community engagement to foster inclusive management of MPAs.

The Letters to the Sea Initiative invites young enthusiasts to write heartfelt letters to the sea. These letters, often accompanied by drawings, allow children and youth aged 3 to 22 to express their love, concerns, and ideas about the ocean. By personalizing the sea, we encourage deeper reflection on how we care for it and our relationship with this vital ecosystem. Our ambitious goal is to collect 1,000,000 letters for an art exhibition at the 2025 Ocean Decade Conference in Nice, France, fostering dialogue between youth and global leaders in marine conservation.

So far, we have received letters from 16 countries, showing diverse perspectives and deep connections young people have with the ocean. We are now looking to partner with schools to receive ongoing contributions from their students.

Partnership proposal

We want to collaborate with schools like Point Road Elementary School to integrate our initiative into your educational activities. Through this partnership, we can work together towards:

- **Engaging students:** Encourage your students to participate in the "Letters to the Sea" project, providing a platform for them to share their voices globally.
- **Supporting Educational Activities:** We can support you by creating educational materials, infographics, and resources related to ocean science and ocean literacy, tailored to fit your curriculum.
- **Promoting Ocean Literacy:** Enhance students' understanding of the significance of the ocean, its ecosystems, and their roles in global sustainability through engaging and informative content.
- **Fostering Creativity and Awareness:** Motivate students to think deeply about their relationship with nature and the importance of protecting our oceans and ecosystems.

We believe that through this partnership, we can inspire and empower the next generation of environmental stewards.

Help us show the world the power of youth voices!

Contact us: margarita@onewater.blue   sierra@onewater.blue

Resources

- European Atlas of the Seas: www.european-atlas-of-the-seas.eu

- European Atlas of the Seas' presentations:

  https://maritime-forum.ec.europa.eu/theme/marine-knowledge/atlas-teachers-corner/workshops_en

- EU4Ocean: www.eu-oceanliteracy.eu

- EU4Ocean map:

  https://ec.europa.eu/maritimeaffairs/atlas/maritime_atlas/#lang=EN;p=w;bkgd=5;theme=572:0.8,516:
  0.8,354:0.8;c=1253866.2175874868,7033312.218247011;z=4;e=t

- Letters to the Sea: https://linktr.ee/letterstothesea

- Water Information System for Europe (WISE): https://water.europa.eu/

- European Environment Agency: https://www.eea.europa.eu/en

- Copernicus Ocean Explainers: https://marine.copernicus.eu/explainers

Are you joining us for the practical exercise?

We are moving!

1) Close this session
2) Go back to the 'Agenda' on B2Match and connect to the Optional Practical Exercise Session!
3) See you there!

1) Open the European Atlas of the Seas in another window – www.european-atlas-of-the-seas.eu
2) Activate the 'My Locations' tool and login.

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

Leaving us now?

The European Atlas of the Seas
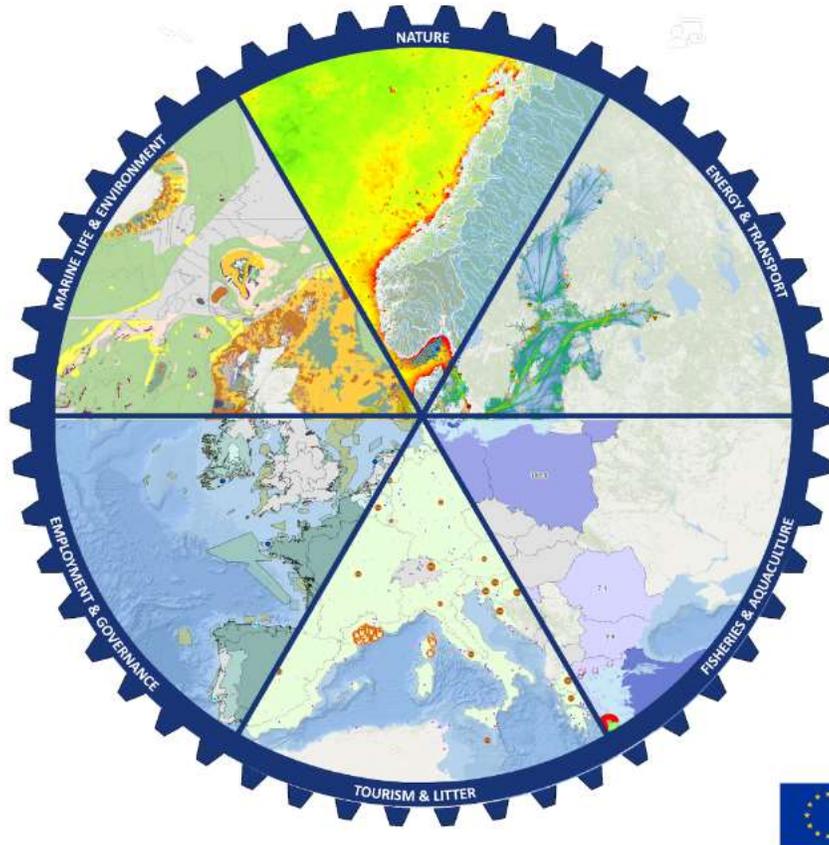
Thank you for your participation!

Share your feedback with us by completing the short online survey ...

... and enjoy your journey in the European Atlas of the Seas!

Questions? Contact us at:
Nathalie.van.isacker@emodnet.eu

European Commission | EMODnet European Marine Observation and Data Network

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

Leaving us now?

Share your feedback with us by completing the short online survey ... Thank you!

Dive in and explore the European Atlas of the Seas!

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

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Credits: Pexels, Thirdman

Part 2
Practical Exercise

19:00 - 19:30

Goal of this session

Hands-on experience with the Atlas, through the use of the 'My Locations' tool.

New possibilities with 'My Locations':

- Personalised mapping
- Enhanced teaching
- Customised demonstration
- Saved time and simplified navigation
- Possibility to update and share your maps
- Ease of use

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

Practical exercise: Let's dive in !

Choose one of the following scenarios

- **Partner schools collaboration**

  Map shared projects with other schools or exchange activities

- **Field trips**

  Map past or future field trips with your students at European or local level using the zoom tool

- **Be creative !**

  Map your current / future activities

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Step 1: Activate the 'My Locations' tool

Step 1: Activate the 'My Locations' tool

Step 2: Access your working space with the EU Login

Step 3: Start create your map !

Import your data into the Atlas

OR

Create a table with your data in the Atlas

Practical exercise: Get ready, get set, … Go!

1. Choose the map you wish to create: partner schools collaboration, field trips or other;
2. Activate 'My Locations': Menu < Advanced features > Activate My locations and Save map;
3. Log in the Atlas with your EU Login;
4. Start using 'My Locations' by importing your data or creating a table with your data;

You have 20 minutes to create a first draft of your map !

We are here to guide you! Turn on your microphone and let us know how we can help!

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My example: Protected Areas and Natural Parks 2024

My example: Protected Areas and Natural Parks 2024

My example: Protected Areas and Natural Parks 2024

Final Remarks and Next Steps

The European Atlas of the Seas
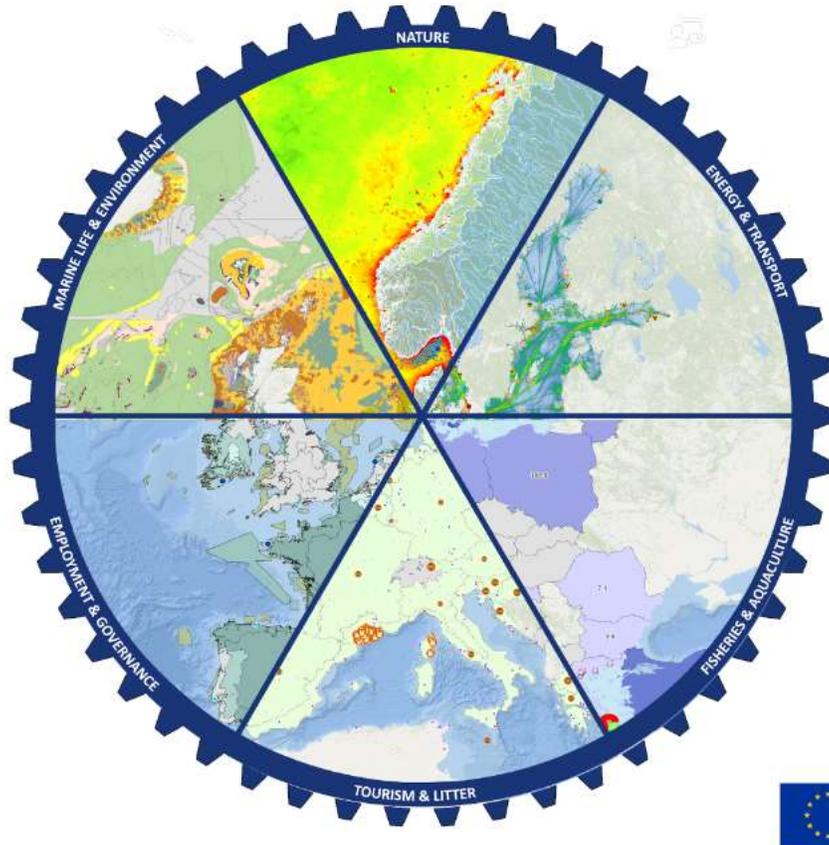
Thank you for your participation !

Do not hesitate to continue working on your maps and send them to us via email

Share your feedback with us by completing the short online survey

Questions? Contact us at:
Nathalie.van.isacker@emodnet.eu

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

We are looking forward to your feedback!

Thank you!

Dive in and explore the European Atlas of the Seas!

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