

# Europese Zeeatlas

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

Schaarse Ruimte - Workshop 1-D

*Ruimte op zee – ruimtelijke ordening  
met de Europese Zeeatlas*

0 300 600km



# Wat is de Europese Zeeatlas?

- Een **internetapplicatie van de Europese Commissie** met als doel de kennis van de maatschappij over de zeeën en kustgebieden te verbeteren.
- **Toegankelijk** voor iedereen.
- **Meer dan 250 kaarten** met informatie over een brede waaier aan onderwerpen, van mariene ecosystemen tot windmolenparken.
- Mogelijkheid om **kaarten te combineren** om jullie **eigen zeekaart** te maken.





# Een brede waaier aan onderwerpen...



Toerisme



Natuur



Marien leven



Vervoer



Zeebodem



Energie



Veiligheid



Werkgelegenheid



Visserij



Aquacultuur



# Wat is de Europese Zeeatlas?

- Kaarten zijn beschikbaar in de **24 officiële talen van de Europese Unie**.
- Kaarten kunnen worden **afgedrukt, gedeeld en geïntegreerd in artikels of presentaties**.
- De **“Teachers Corner”**: een reeks oefeningen voor verschillende leeftijdscategorieën, presentaties,...



# Wie...

- De Europese zeeatlas is het officiële digitale atlas van het Directoraat-Generaal voor Maritieme Zaken en Visserij van de Europese Commissie (DG MARE).
- Sinds september 2017 wordt de Atlas beheerd door het Europees Mariene Observatie- en Datatnetwerk (EMODnet) Secretariat.



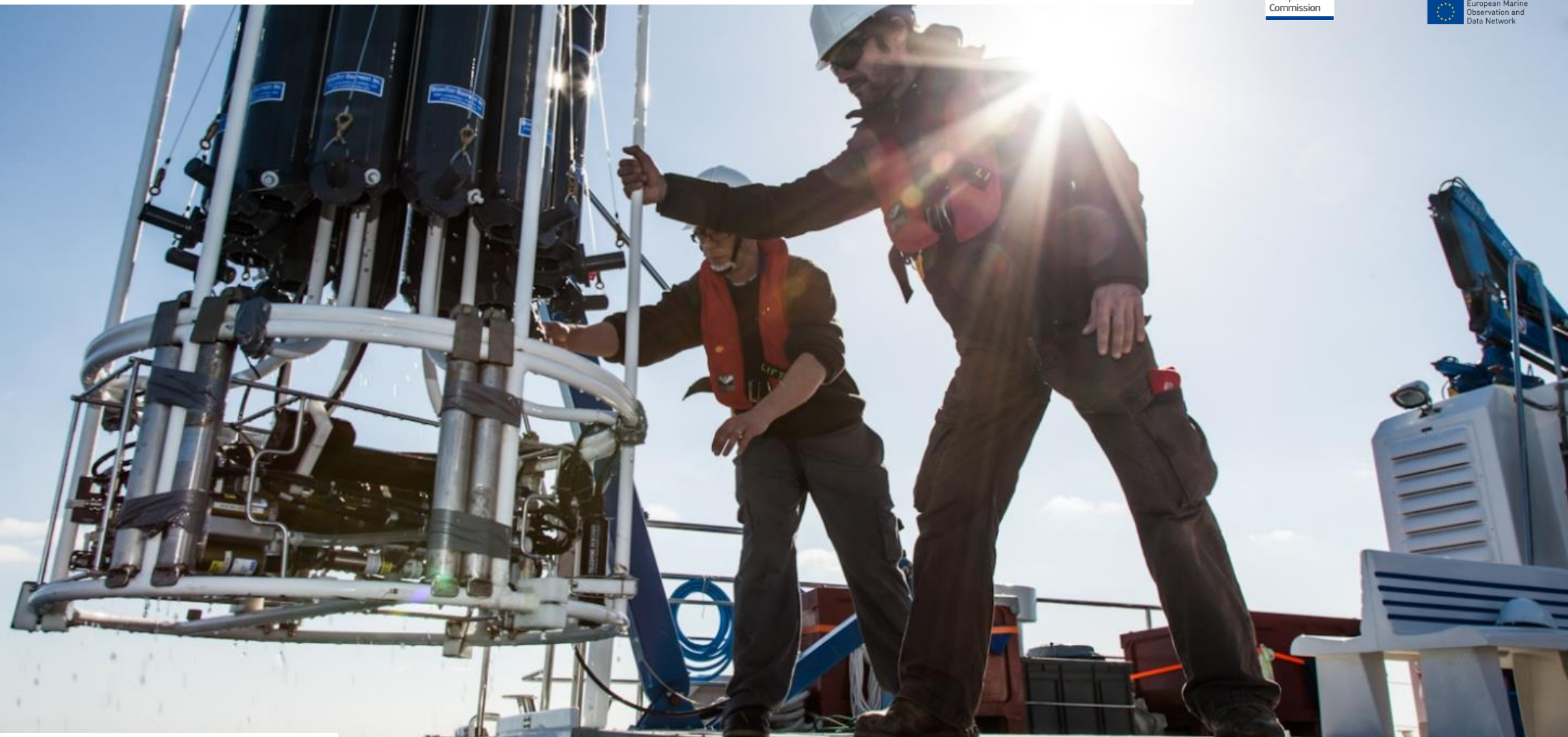
# Belangrijke bijdragen van veel dataproviders...

- Directoraat-Generaal voor Maritieme Zaken en Visserij van de Europese Commissie (DG MARE)
- Andere diensten van de Europese Commissie
- Europees Mariene Observatie- en Datanetwerk (EMODnet)
- Europees Milieuagentschap
- Eurostat
- Copernicus Marine
- Joint Research Centre
- ...





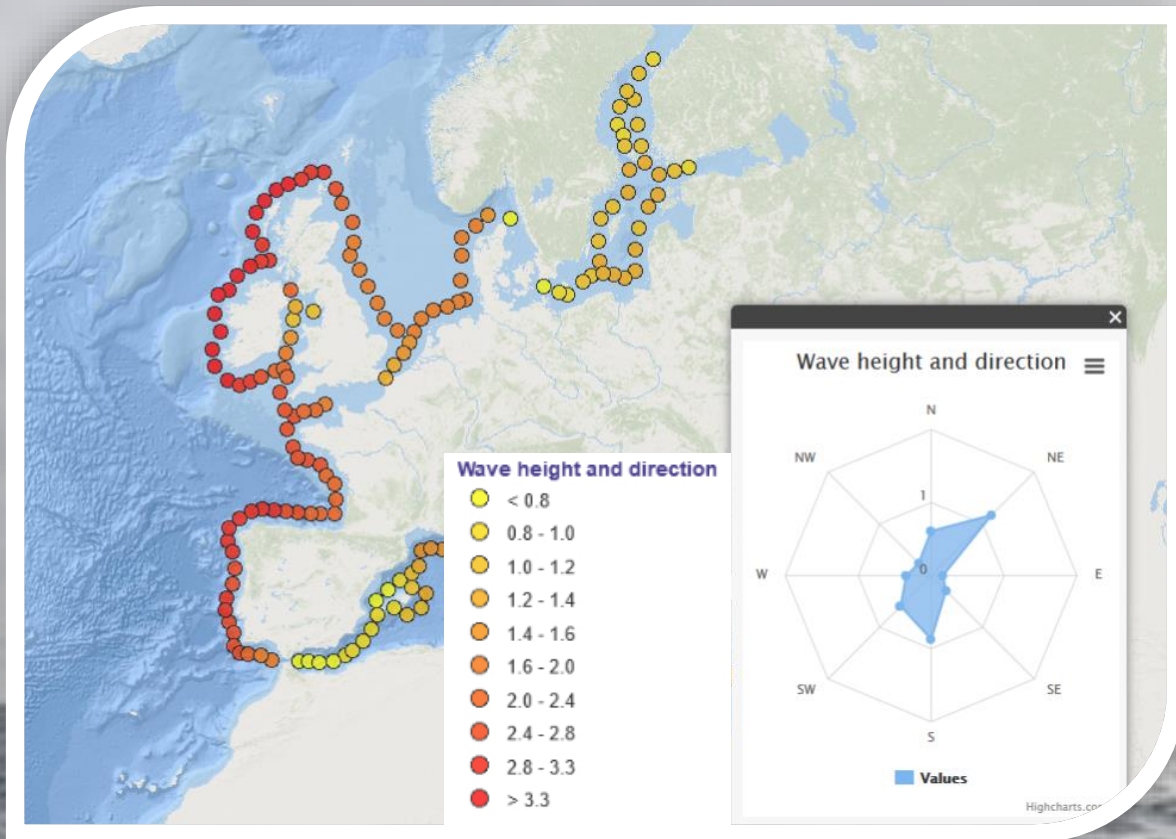
# European Marine Observation and Data Network



[www.emodnet.eu](http://www.emodnet.eu)

© SOCIB





**EMODnet**  
European Marine  
Observation and  
Data Network



# Hoe werkt het?

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

The screenshot shows the website's navigation and main content area. Red dashed circles highlight the following elements:

- The hamburger menu icon in the top left corner.
- The language selector set to "Nederlands" with a "NL" flag icon.
- The "Hulp nodig?" (Need help?) button in the bottom left navigation menu.
- The "Nieuwe functies van de atlas" (New features of the atlas) button in the bottom right navigation menu, which includes a "V6" badge.

The main content area features the European Commission logo, a breadcrumb trail "Europese Commissie > Maritieme Zaken > Europese Zeeatlas", and the title "Europese Zeeatlas". Below the title is a descriptive paragraph: "Ontdek, kies en maak uw eigen zeekaart. Lees meer over de zeeën en kusten van Europa, het milieu, de activiteiten van de mens en het Europees beleid." At the bottom, there are two columns of navigation buttons: "Hulp nodig?", "Geavanceerde functies", and "Atlasoverzicht" on the left; and "Nieuwe functies van de atlas", "Voor leerkrachten", and "Juridische mededeling" on the right.

# Hoe werkt het?

0 20

Nederlands Feedback geven

kaart  
natie  
ema

Vergrootglas

Lagen (2)

Lagen zoeken

Vooraf gedefinieerde kaarten (19) **Lagen** Kaartverhalen

- Vervoer – grote(re) steden
- Dichtheid van het scheepvaartverkeer 2019 (alle)
- Dichtheid van het scheepvaartverkeer 2019 (vrachtschepen)
- Dichtheid van het scheepvaartverkeer 2019 (baggerschepen en onderwatervaartuigen)
- Dichtheid van het scheepvaartverkeer 2019 (vissersvaartuigen)
- Dichtheid van het scheepvaartverkeer 2019 (hogesnelheidsvaartuigen)
- Dichtheid van het scheepvaartverkeer 2019 (militaire en wetshandhavingsvaartuigen)

Dichtheid v  
scheepvaar  
(vrachtsche

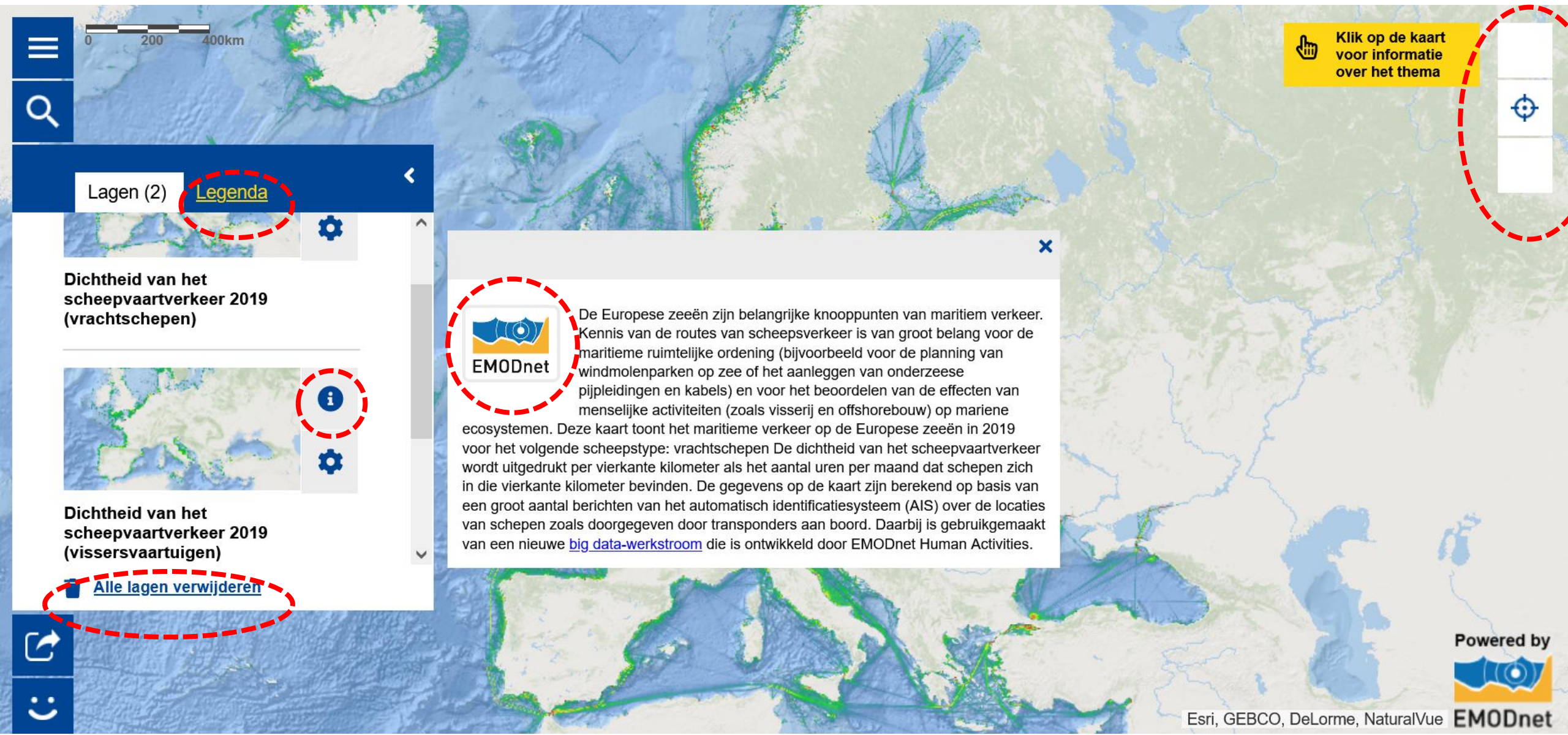
[Alle lagen](#)

Powered by EMODnet








Esri, GEBCO, DeLorme, NaturalVue







# Hoe werkt het?




# Hoe werkt het?

   Nederlands    Feedback geven 

## Geavanceerde functies

-  **Afdruktool**  
Afdrukdienst om de huidige kaart af te drukken 
-  **Meettool**  
Tool om gebieden, afstanden en coördinaten te bepalen 

Powered by  EMODnet





English EN Follow us Give feedback

European Commission > Maritime Affairs > European Atlas of the Seas

## European Atlas of the Seas

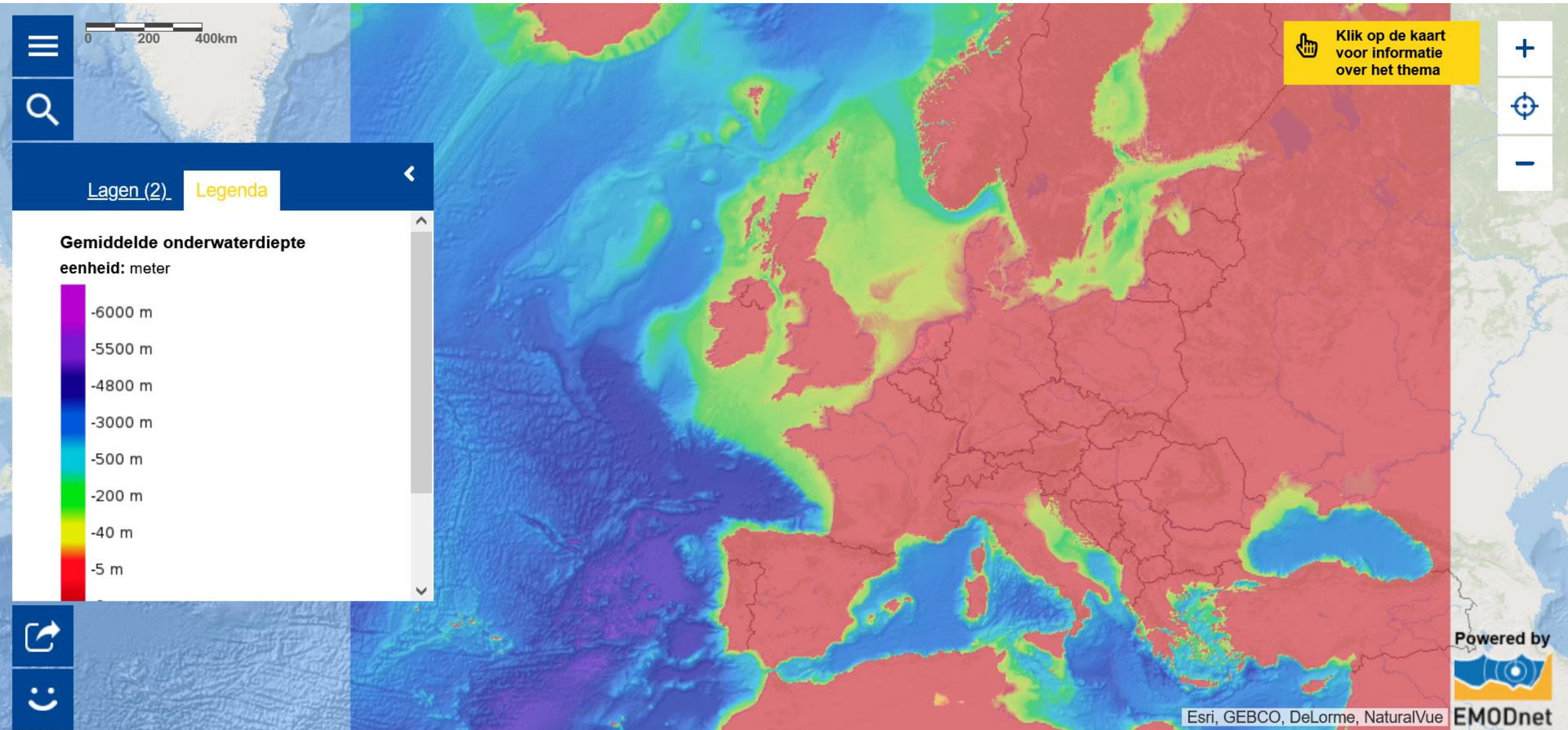
Explore, collate and create your own sea map.  
Learn more about Europe's seas and coasts, their environment, related human activities and European policies.

- Do you need help?
- Advanced features
- Atlas overview
- New Atlas functions <sup>v6</sup>
- Teachers corner
- Legal notice

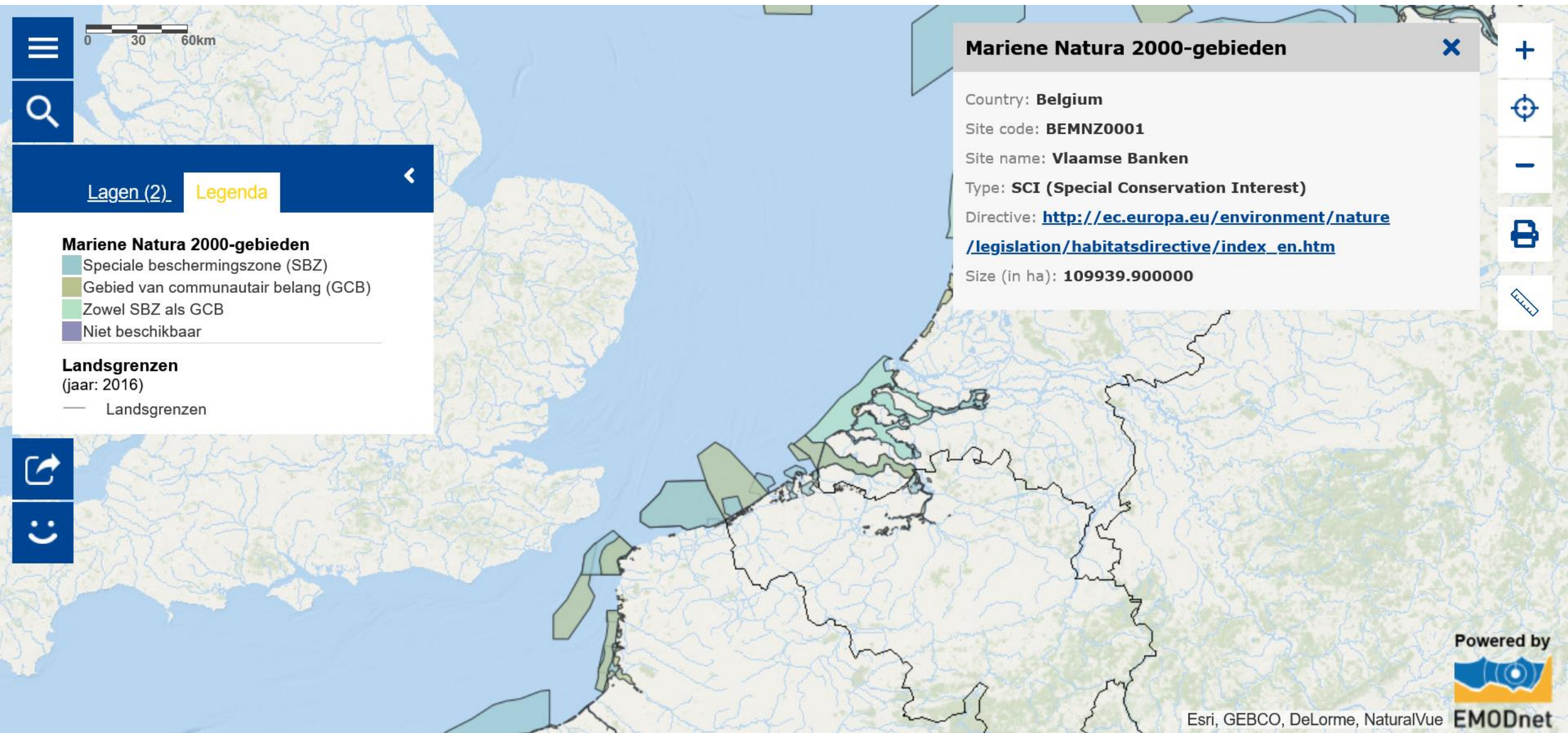
Powered by EMODnet

© European Union, 1995-2021 and EuroGeographics for the Administrative boundaries EMODnet

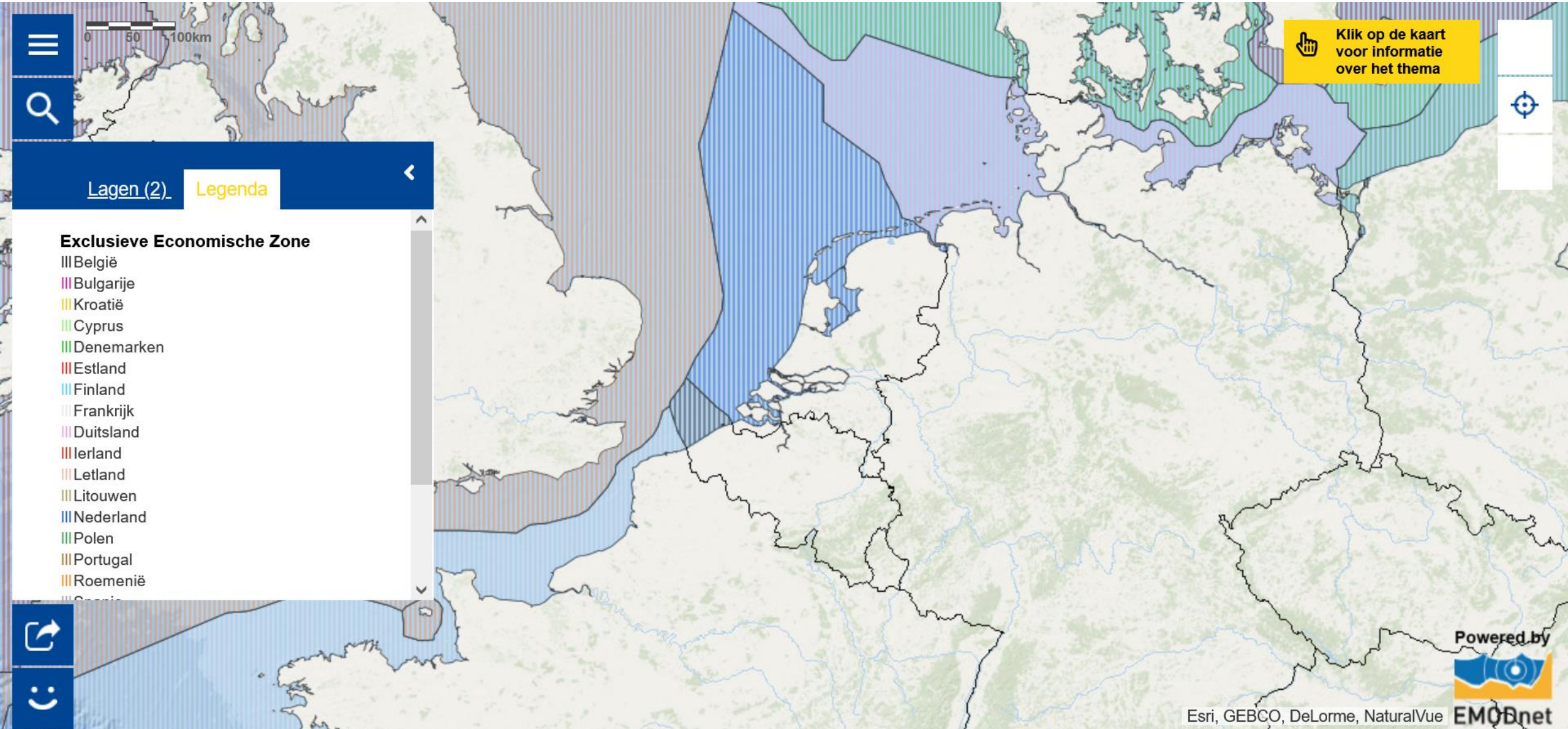








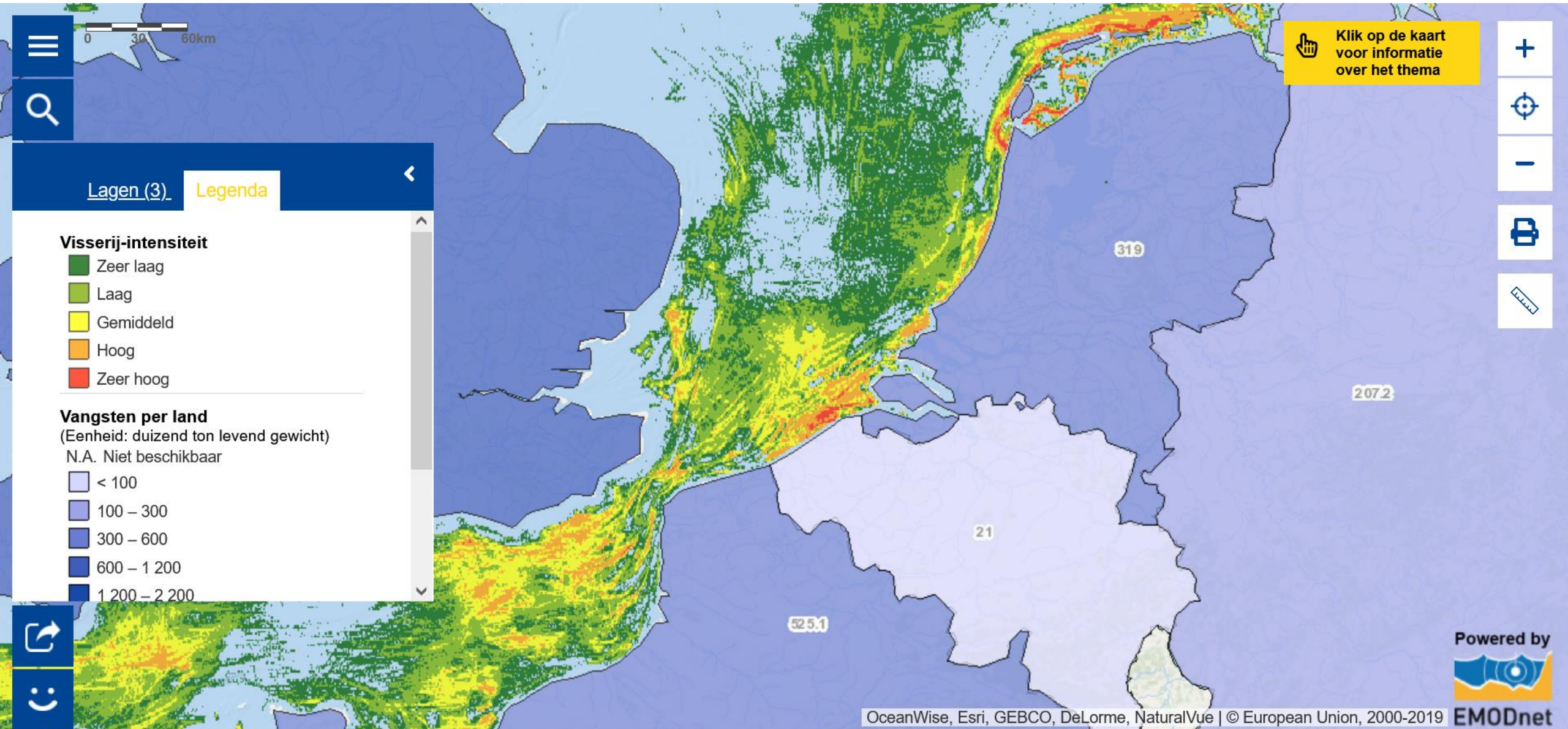




Een land heeft zeggenschap over de zeebodem en over de schepen die op het zeeoppervlak varen in een gebied dat zich uitstrekt tot 12 zeemijl (22,2 km) uit zijn kustlijn. Buiten dat gebied en tot 200 zeemijl (370,4 km) uit de kust ligt de Exclusieve Economische Zone (EEZ) van dat land. Binnen dat gebied is het land eigenaar van de natuurlijke hulpbronnen in de zeebodem, maar heeft het geen zeggenschap over wat er aan de oppervlakte gebeurt.

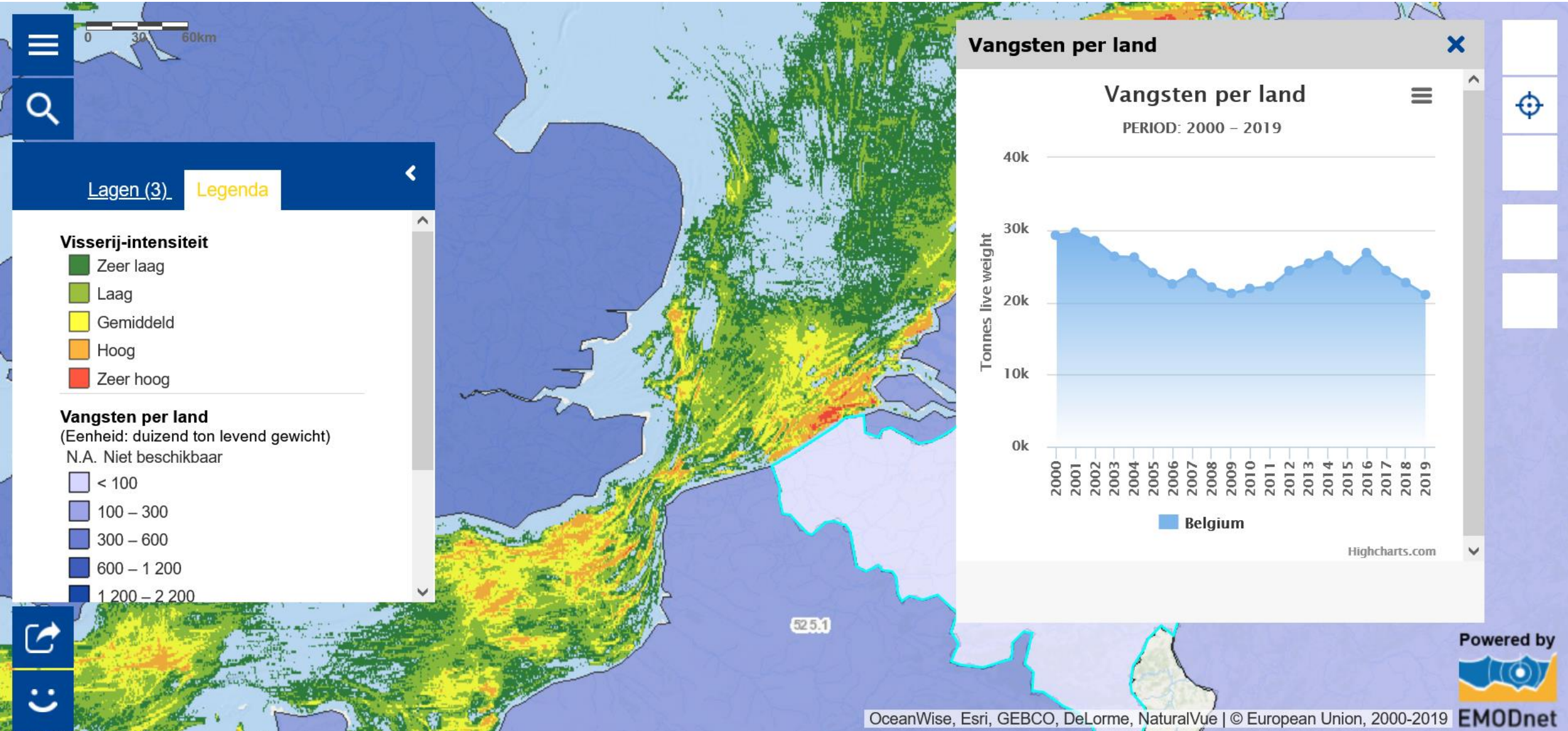


# Visserij





# Visserij



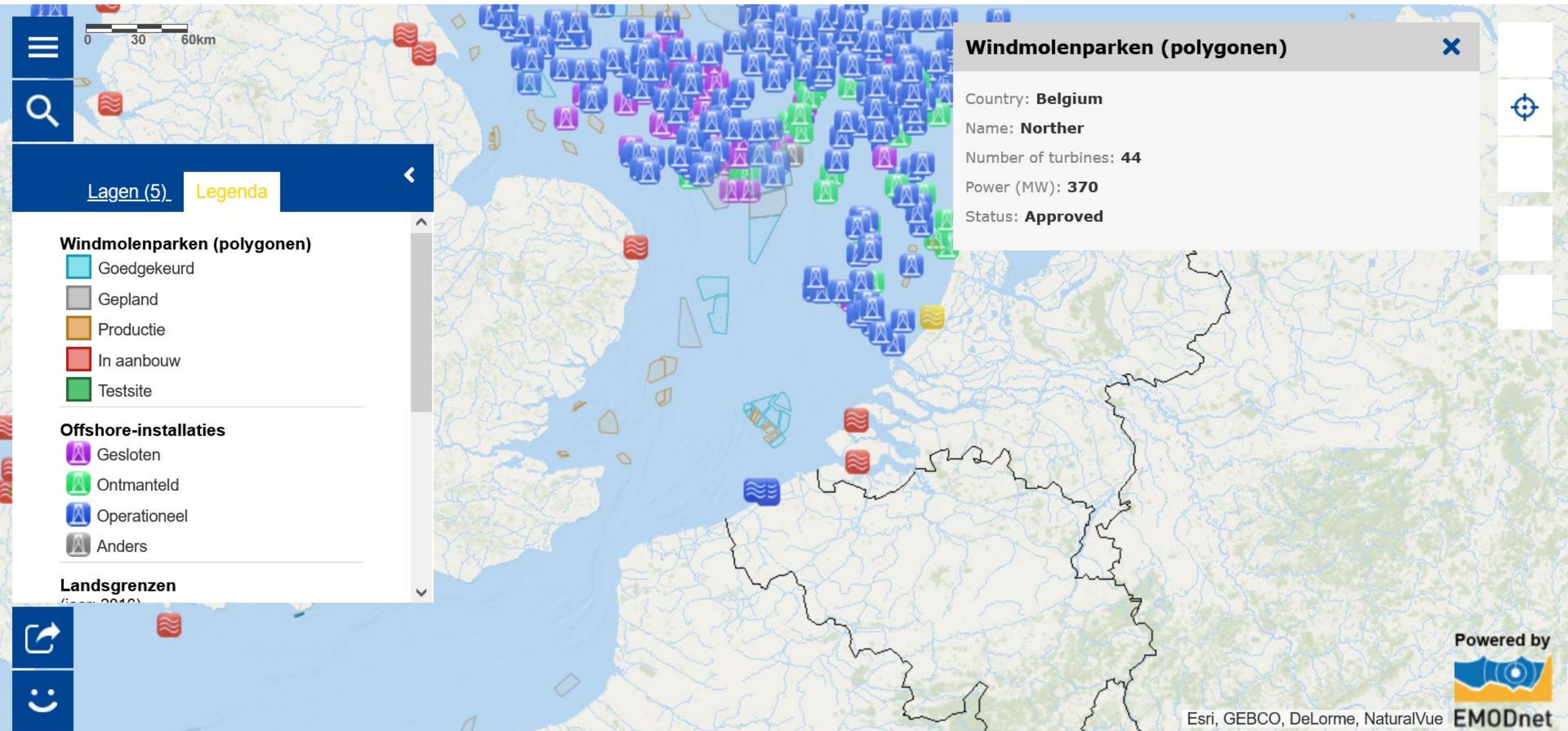
OceanWise, Esri, GEBCO, DeLorme, NaturalVue | © European Union, 2000-2019



EMODnet

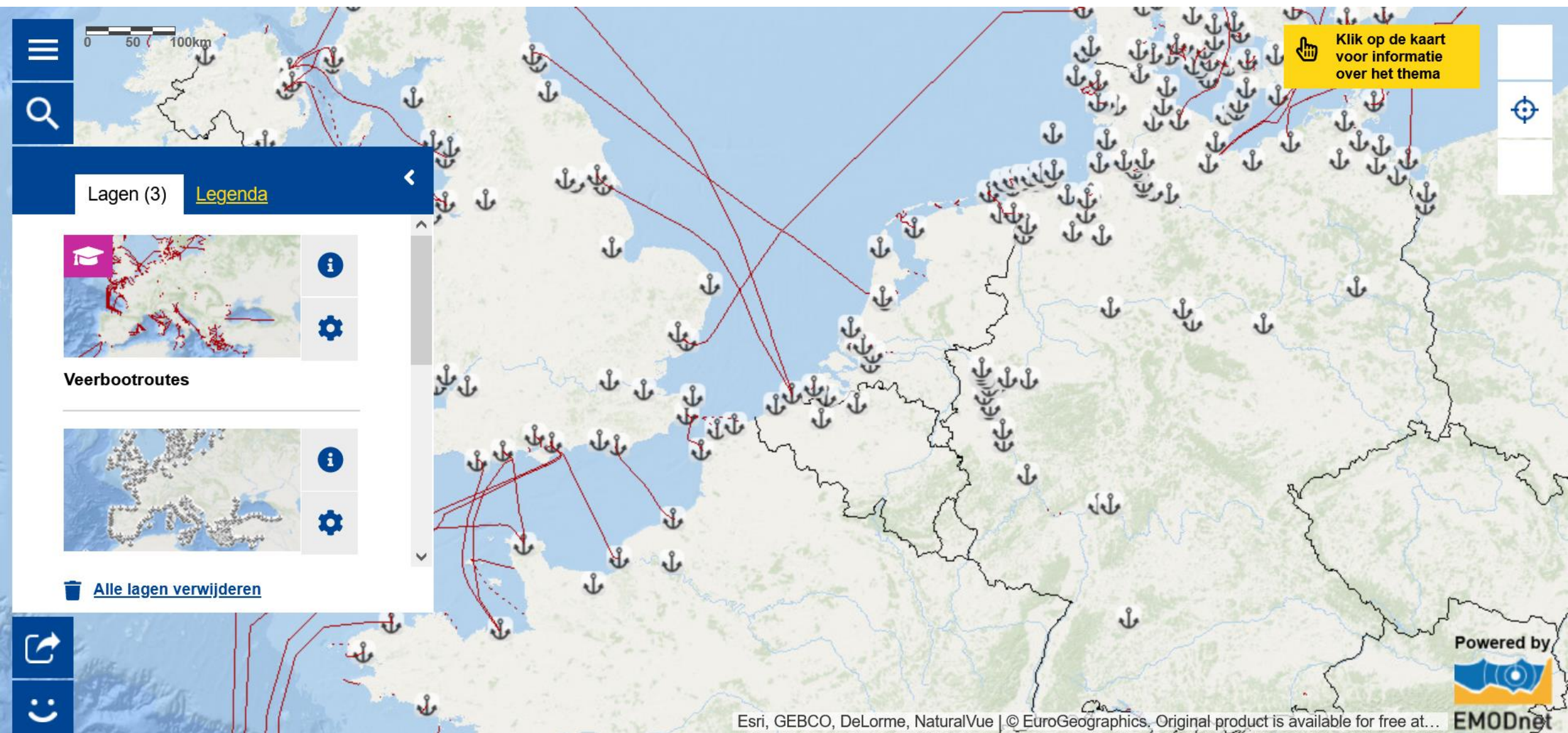


# Energie





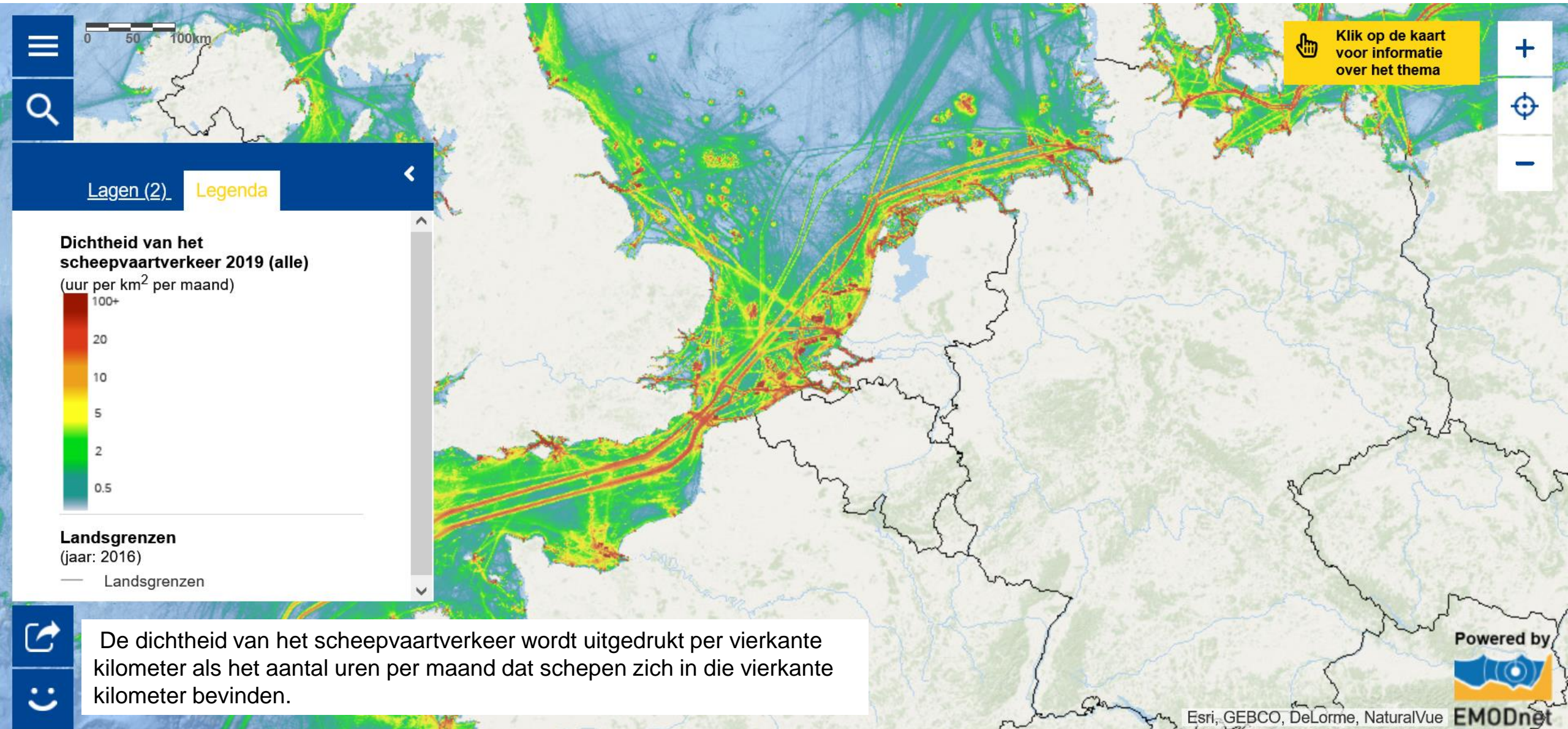
# Transport



Esri, GEBCO, DeLorme, NaturalVue | © EuroGeographics, Original product is available for free at... EMODnet



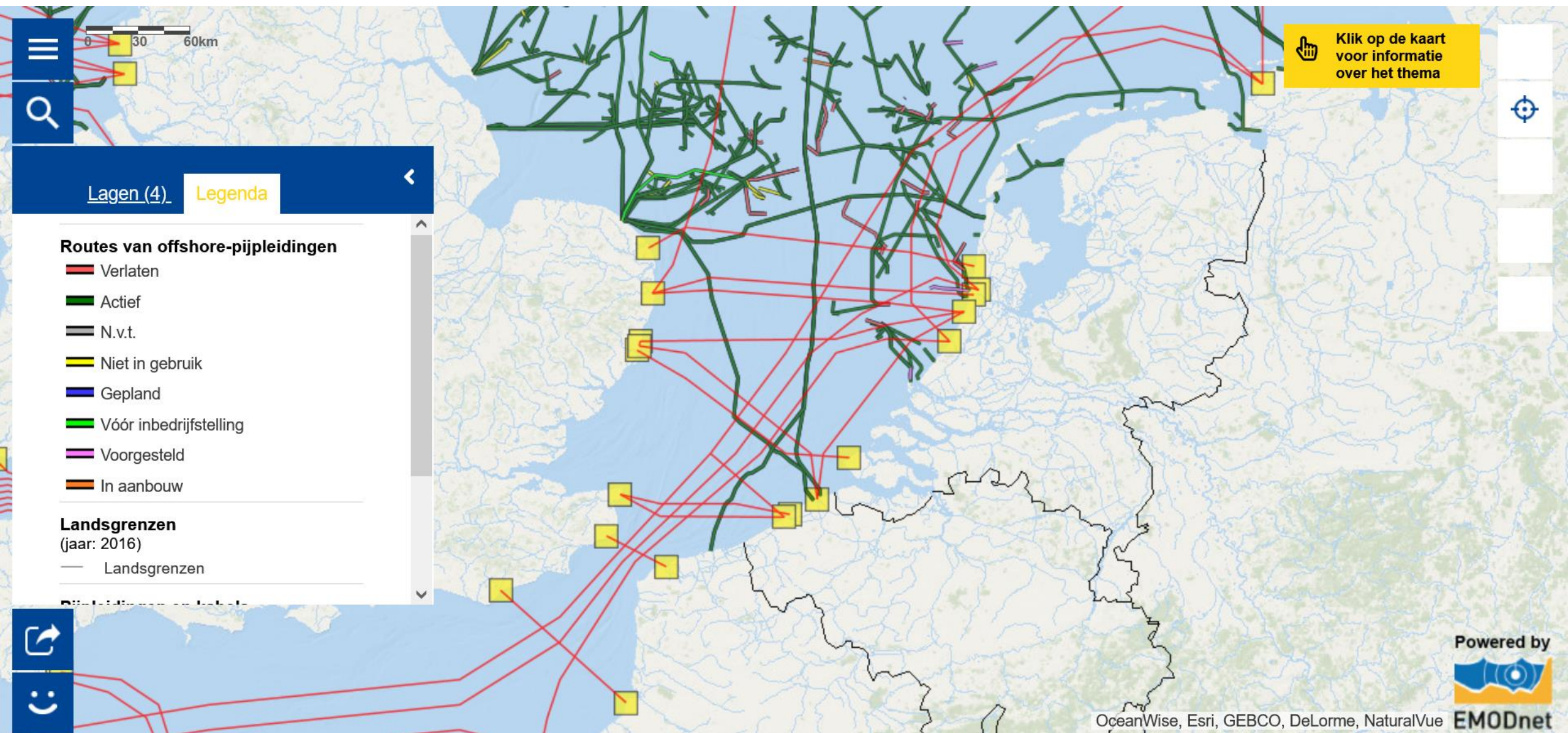
# Transport



De dichtheid van het scheepvaartverkeer wordt uitgedrukt per vierkante kilometer als het aantal uren per maand dat schepen zich in die vierkante kilometer bevinden.

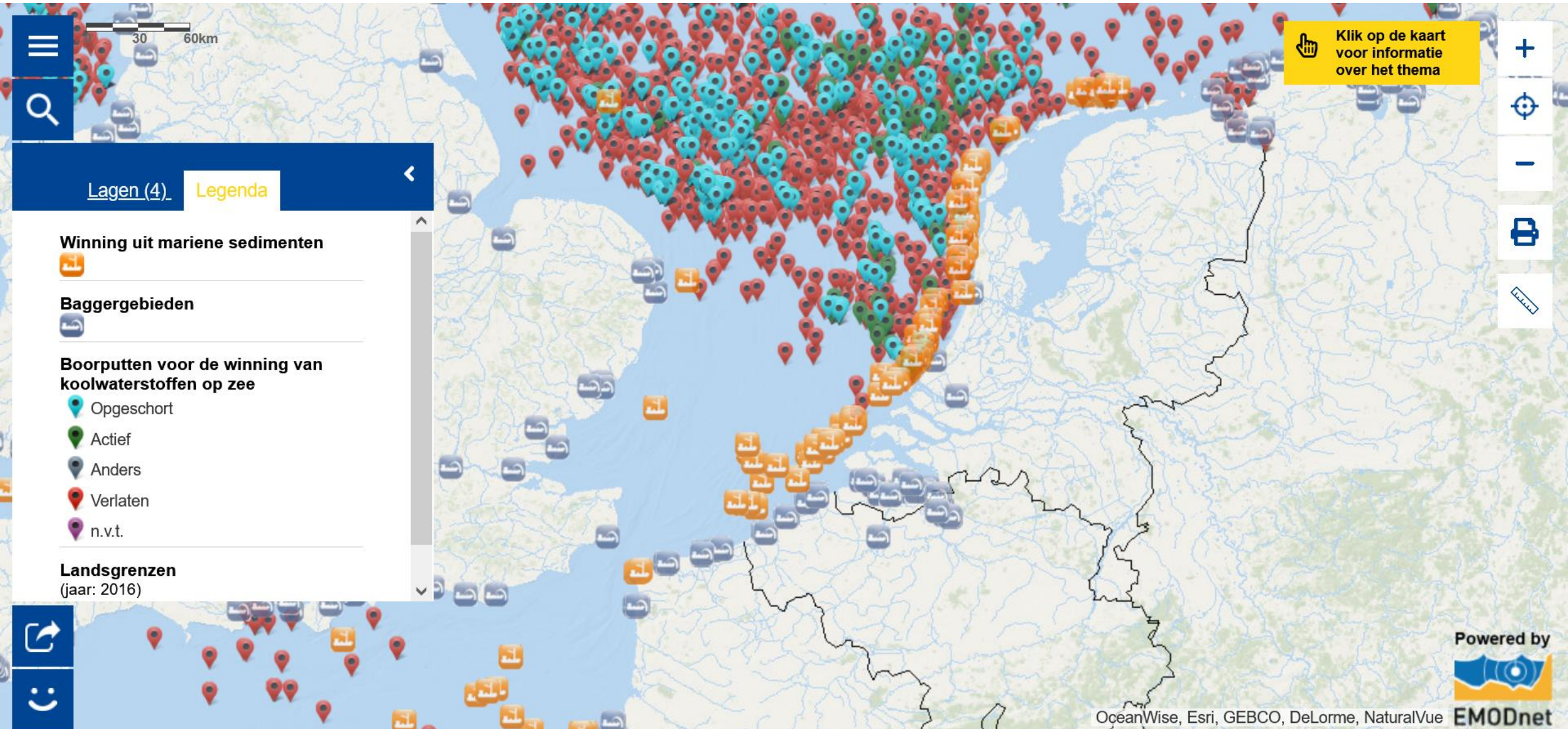


# Pijpleidingen en kabels



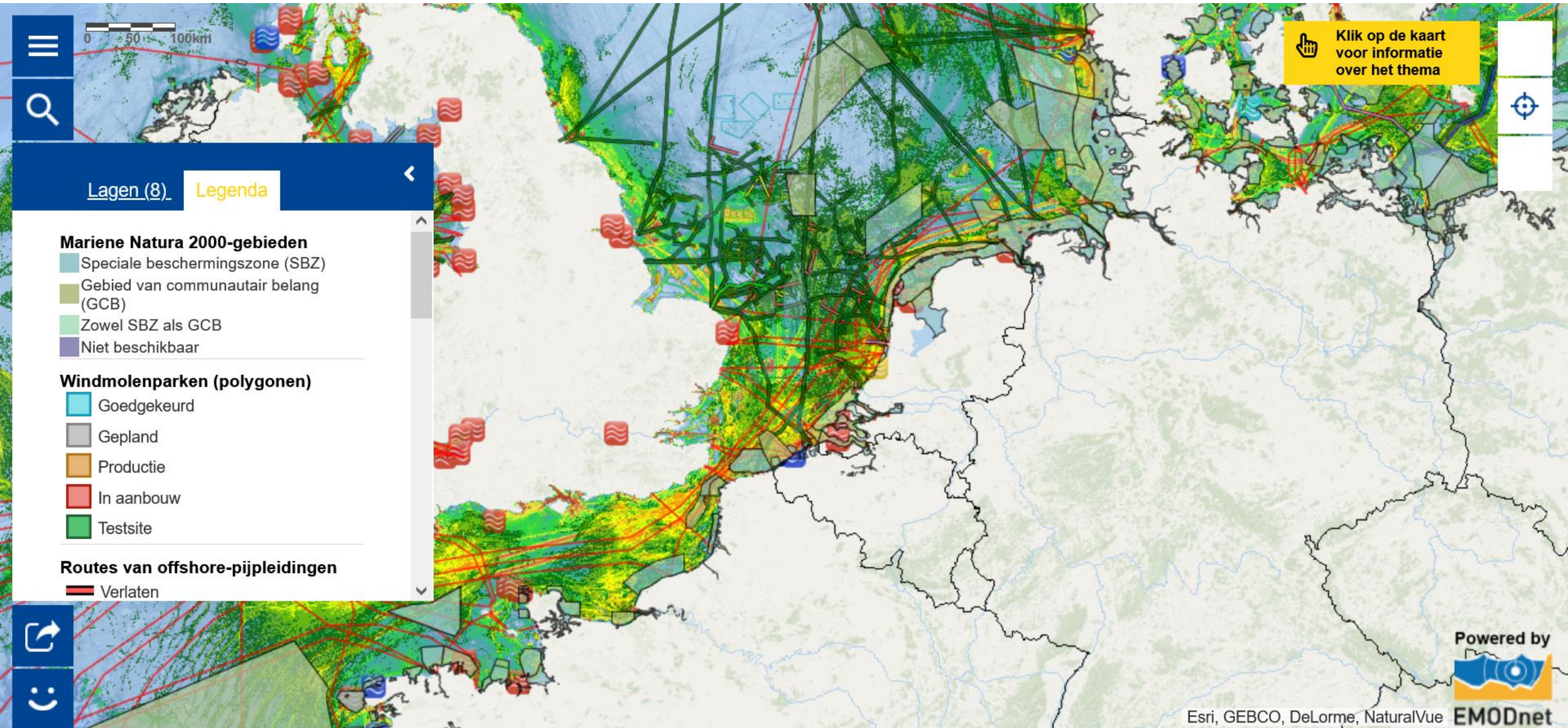


# Zeebodem



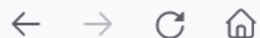


# Als we de verschillende kaarten combineren ...

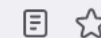




# Maritieme ruimtelijke ordening



https://ec.europa.eu/oceans-and-fisheries/ocean/blue-economy/maritime-spatial-planning\_nl



[Europese Commissie](#) > [Oceans and fisheries](#) > [Sustainable oceans](#) > [Blue economy](#) > [Maritime spatial planning](#)

## Maritime spatial planning

Maritime spatial planning (MSP) is the tool to manage the use of our seas and oceans coherently and to ensure that human activities take place in an efficient, safe and sustainable way.

INHOUD

**Objectives**

**Actions**

**Timeline**

**Documents**

**Related links**

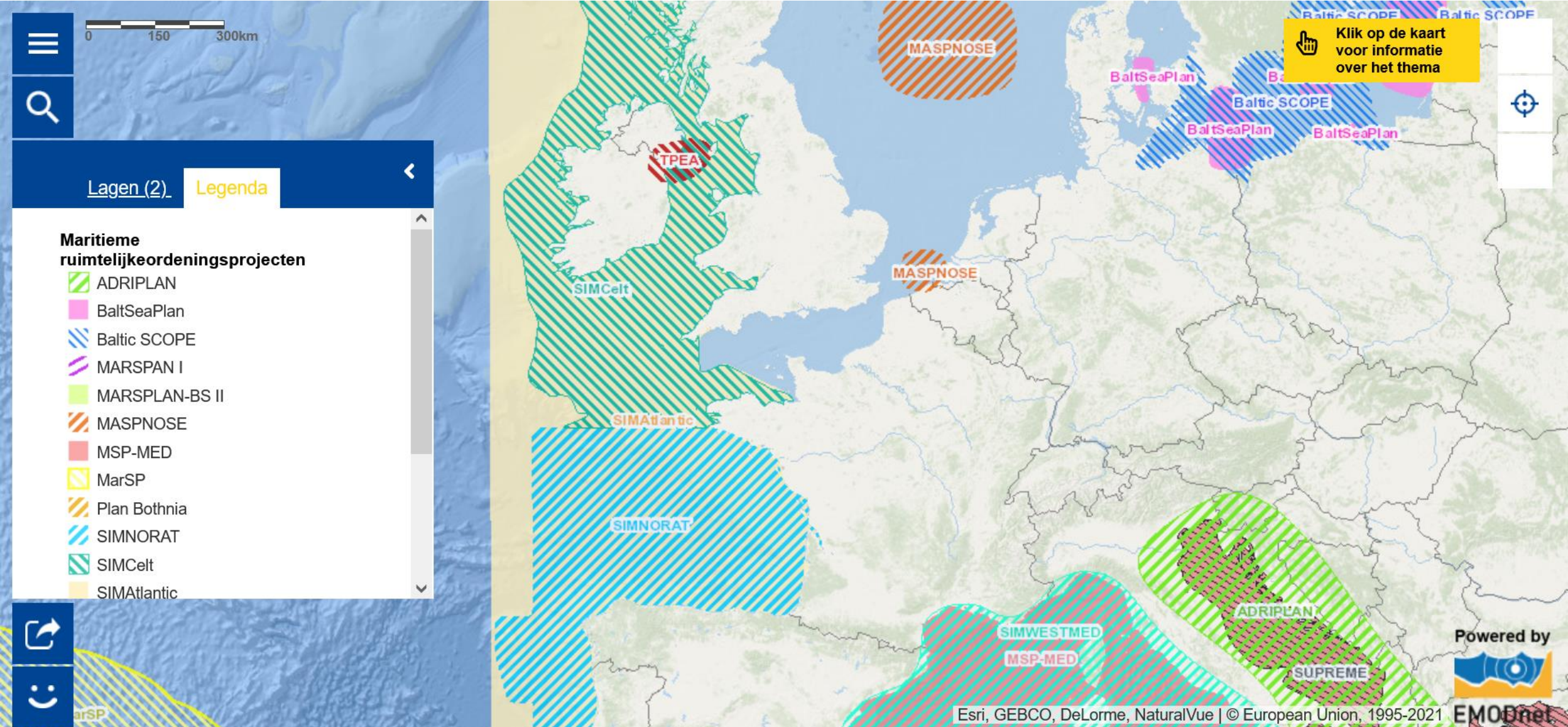
**Media**

Many activities take place in Europe's seas. At any given time, fishing, aquaculture, shipping, renewable energy, nature conservation and other uses compete for maritime space. That is why the EU has legislation on maritime spatial planning.

### Objectives

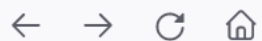
- **reducing conflicts** and creating synergies between different activities
- **encouraging investment** through predictability, transparency and legal certainty
- **increasing cross-border cooperation** between EU countries to develop renewable energy, allocate shipping lanes, lay pipelines and submarine cables etc
- **protecting the environment** by assigning protected areas, calculating impacts on ecosystems and identifying opportunities for multiple uses of space

# Maritieme ruimtelijkeordeningsprojecten

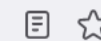




# Maritieme ruimtelijke ordening



https://ec.europa.eu/oceans-and-fisheries/ocean/blue-economy/maritime-spatial-planning\_en



## PAGE CONTENTS

[Objectives](#)

[Actions](#)

**[Timeline](#)**

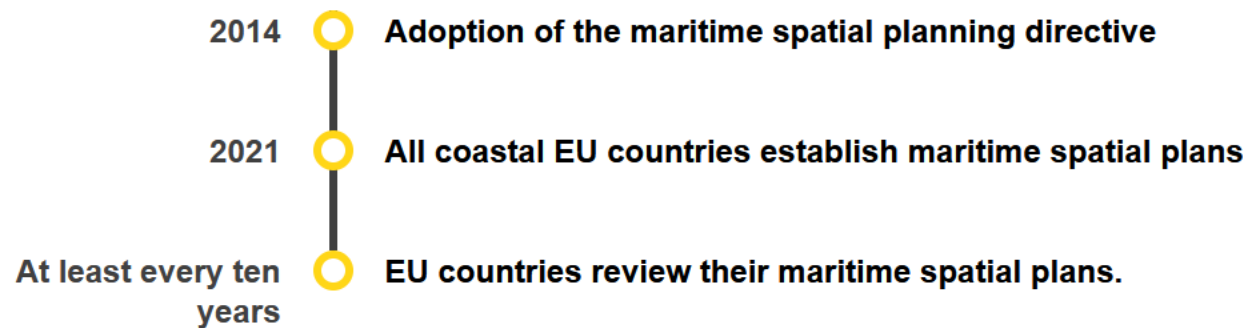
[Documents](#)

[Related links](#)

[Media](#)

## Timeline

Where are we now?



## Documents

[Framework for maritime spatial planning](#)

## Related links

[MSP Platform](#)

[MSP Platform projects](#)

# Maritieme ruimtelijke ordening



## HUMAN ACTIVITIES

Making use of our oceans

[CONTACT US](#)

[SUBMIT DATA](#)

[HOME](#)

[ABOUT](#)

[DATA SERVICES](#)

[PUBLICATIONS](#)

[BLOG](#)

[HELPDESK](#)

[CENTRAL PORTAL](#)

[Home](#) » [Data Services](#) » [View Data](#)

### Maritime Spatial Planning (MSP)

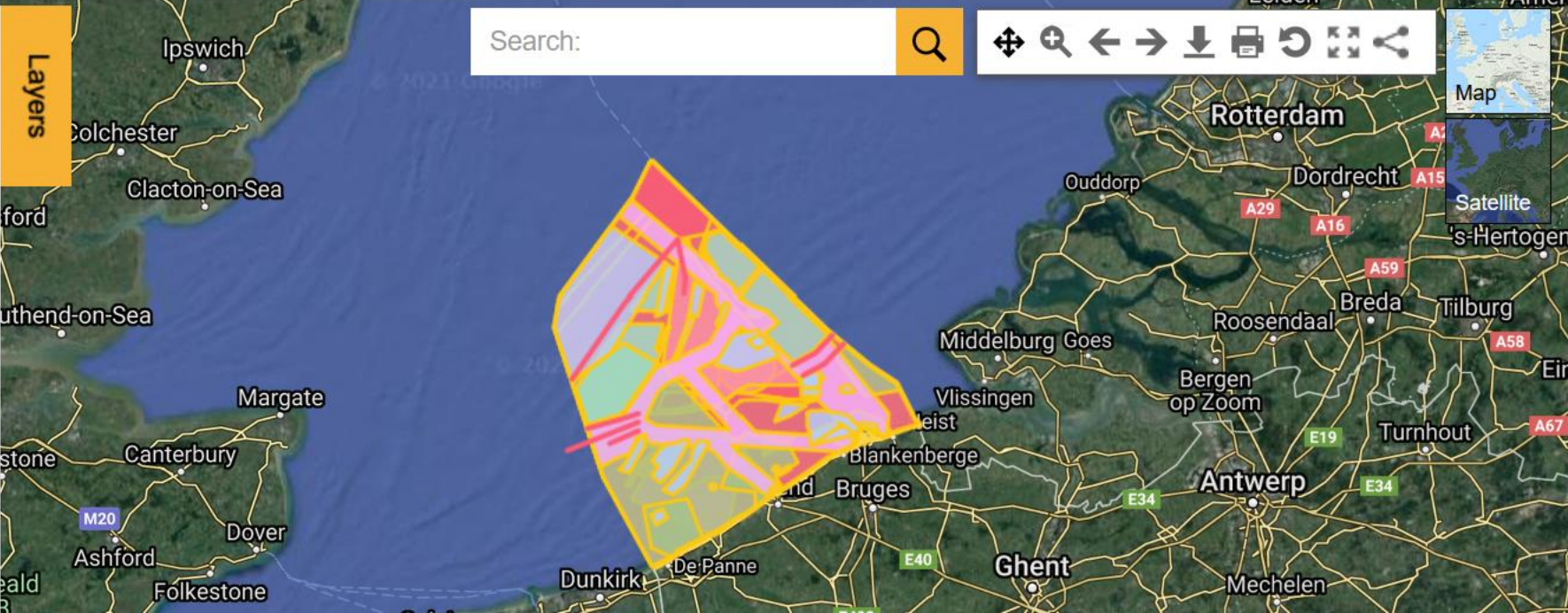
#### MSP Spatial Plan Area

- Belgium
- Denmark
- Finland

*N.B.: absence of data in a particular area does not mean that there are no data. They may be not yet available. We're working on it.*

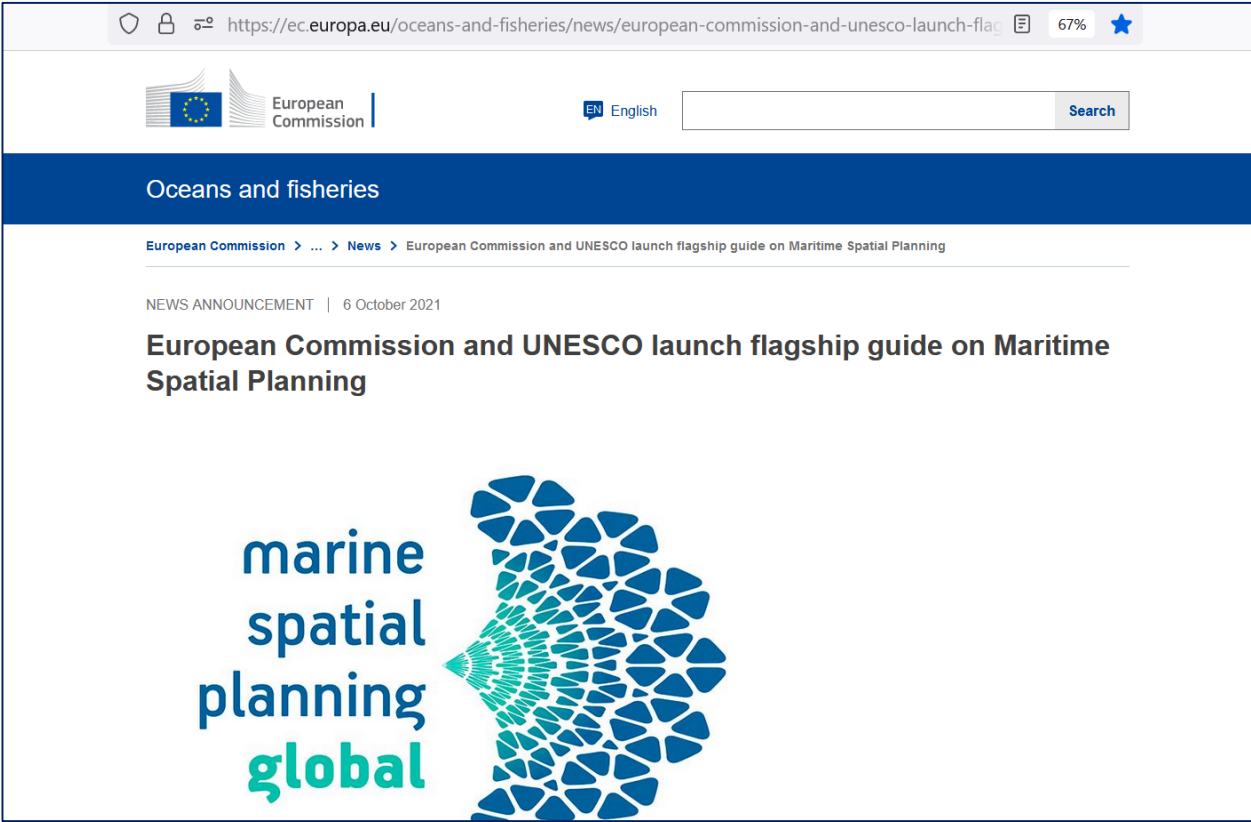
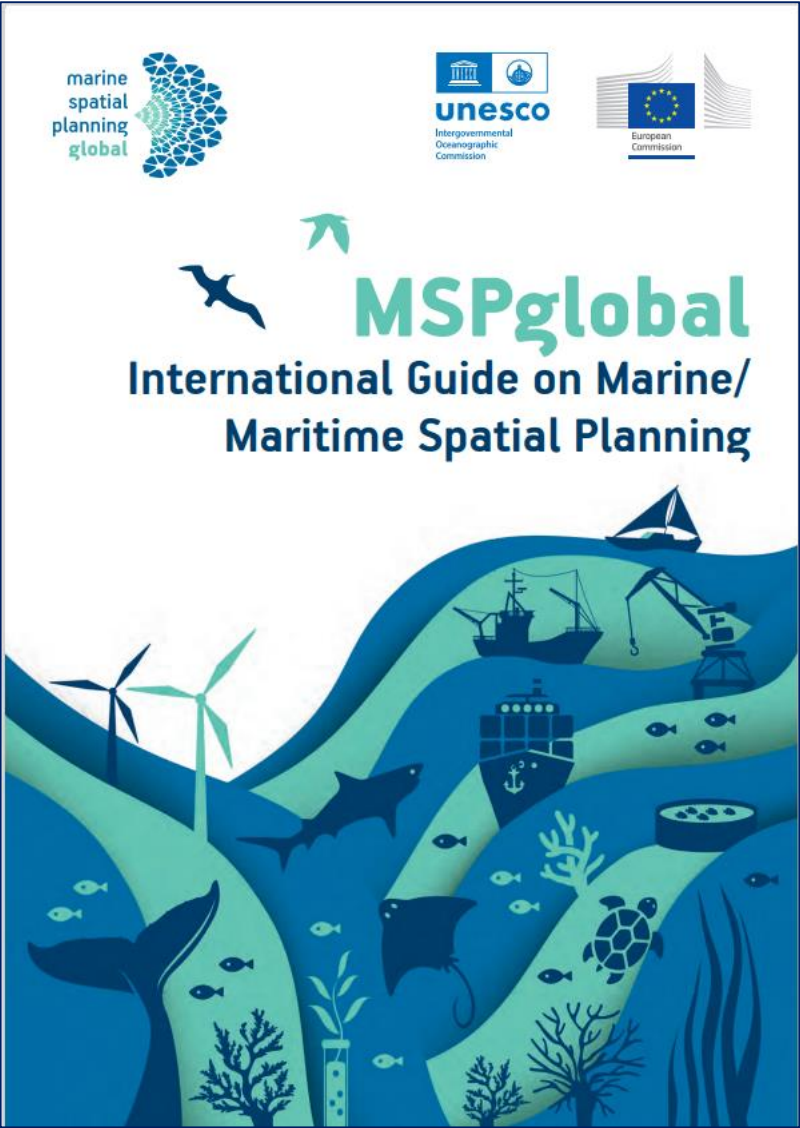
#### MSP Zoning Areas

- Aquaculture
- Cables
- Cultural heritage
- Fishing areas
- Maritime Traffic flows
- Military areas





# Maritieme ruimtelijke ordening



# Scholen en de zee



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

Search

F.A.Q

EU Login

Related issues

Teachers Corner

Atlas Teachers Corner

- + **Teachers Corner**
- + Espace enseignants
- + Espaço dos professores
  - Posters
- + Workshops
  - Presentations
- + Quiz

## Teachers Corner



I like it

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 \(Nausicaá training sessions\)](#)

Share this article

More like this

[Atlas Teachers Corner](#)

[Teachers' Guide- Treasure Hunt](#)

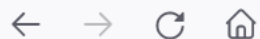
[Teachers' Guide- Easter Egg](#)

[Ocean and seas](#)

[Sea Bottom](#)



# Scholen en de zee



https://webgate.ec.europa.eu/maritimeforum/en/node/6445

90%



An official website of the European Union How do you know? ▾



## MARITIME FORUM

Search



European Commission > Maritime Forum > Maritime policy > Marine knowledge > European Atlas of the Seas > Atlas Teachers Corner > Teachers Corner > Ages 12 to 15 > Energy > Energy

Themes ≡



Communities

Search

F.A.Q

EU Login

Related issues

Energy

Atlas Teachers Corner

- Teachers Corner
- + Up to 12 years
- Ages 12 to 15
  - Sea Bottom
  - Coastline Erosion
  - **Energy**
- + Ages 15 to 18
- + Espace enseignants
- + Espaço dos professores
  - Posters
  - + Workshops
  - Presentations
  - + Quiz

## Energy



I like it

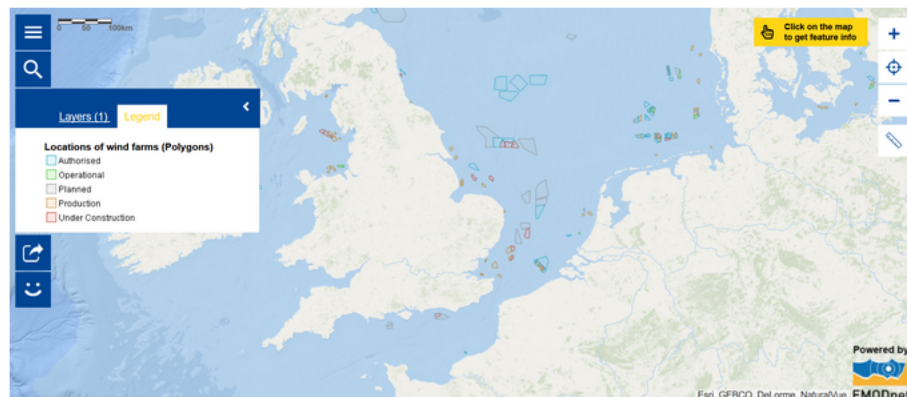
Published on: Wed, 18/08/2021 - 11:33

A A

View as pdf



### Wind energy



The map with locations of wind farms (points) gives a nice overview of the location of offshore wind farms. Zoom in to see more details. Click on one of the symbols to get information on the wind farm concerned (location, geospatial coordinates, country, status ....)

Share this article

More like this

Sea Bottom

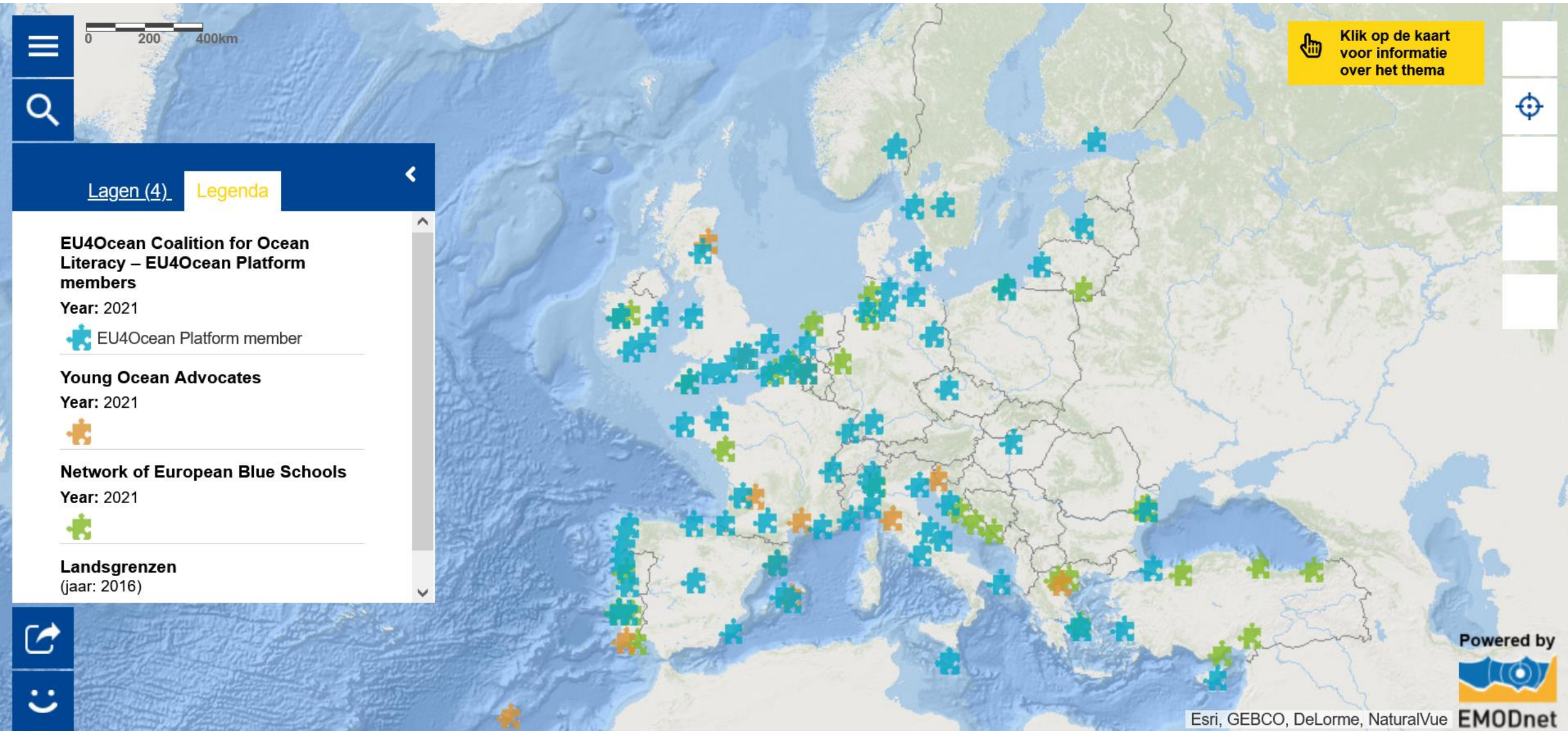
Coastline Erosion

Erosion +

Environment

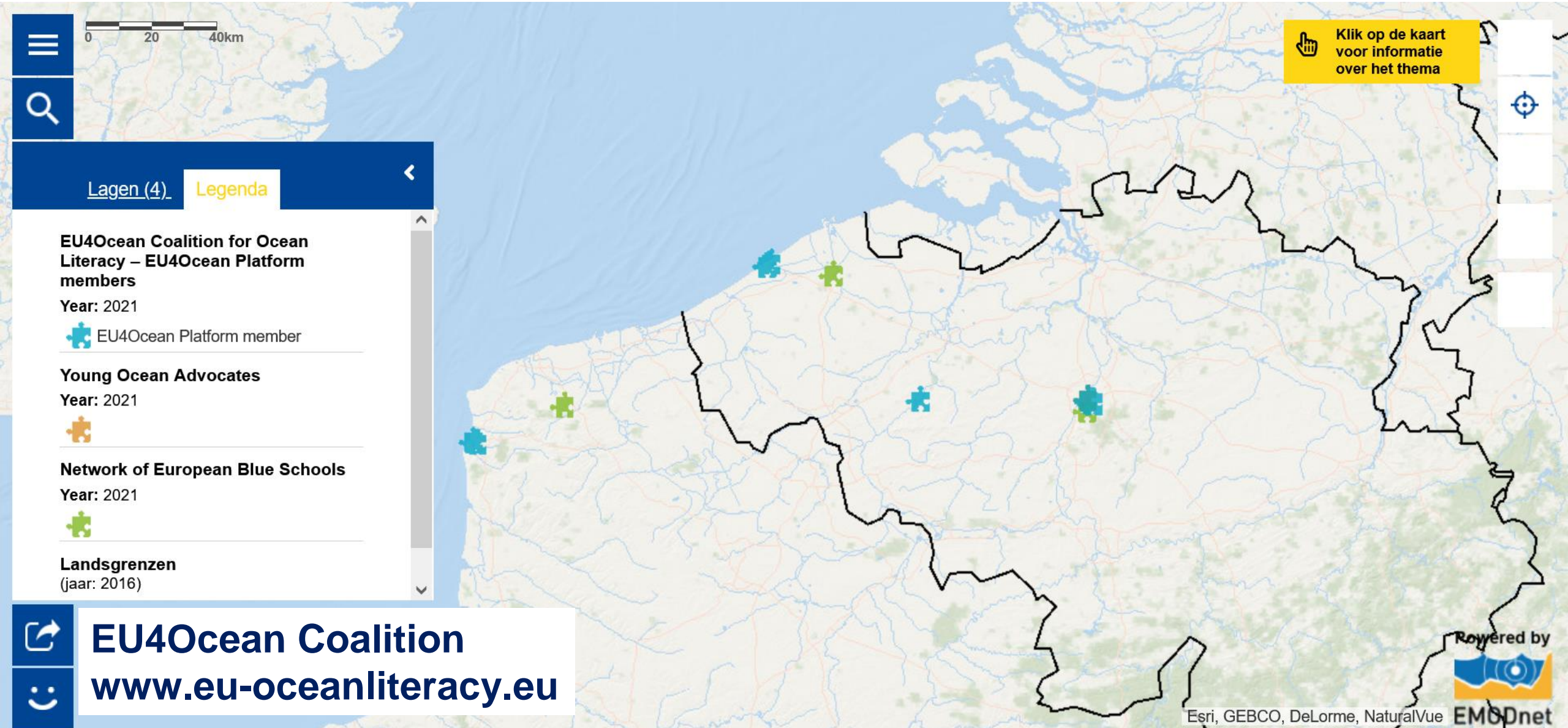
Security

# EU4Ocean Platform – Youth4Ocean Forum – European Blue Schools





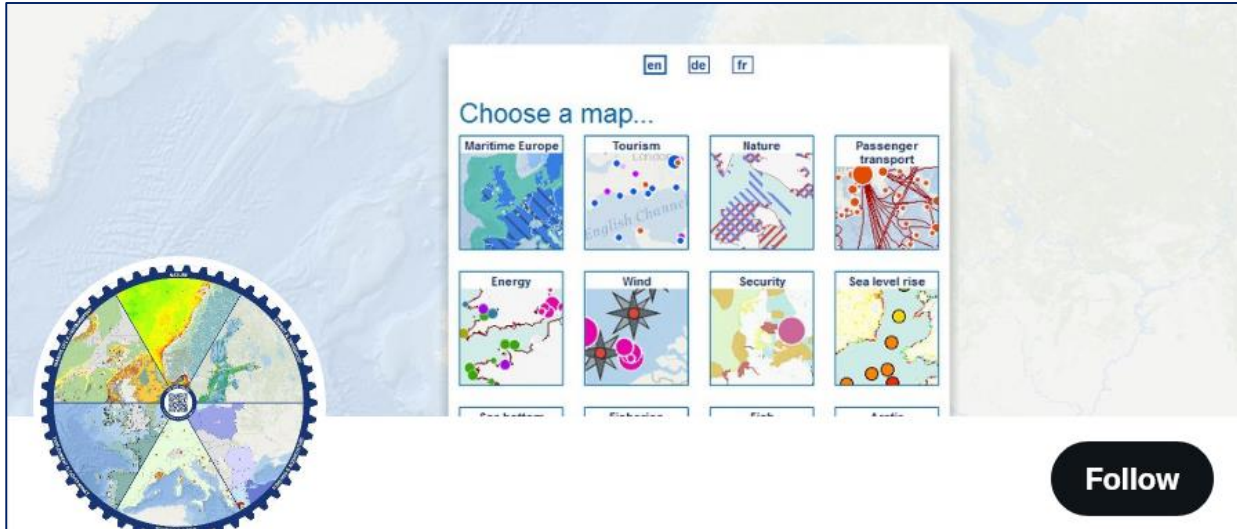
# EU4Ocean Platform – Youth4Ocean Forum – European Blue Schools



 **EU4Ocean Coalition**  
[www.eu-oceanliteracy.eu](http://www.eu-oceanliteracy.eu)

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

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



en de fr

Choose a map...

Maritime Europe Tourism Nature Passenger transport

Energy Wind Security Sea level rise

**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

1,299 Following 2,267 Followers

**Follow**

**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





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

[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)