

The Coastal Atlas

A user's perspective

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Final C-SCOPE conference

14 June 2012 - RNLI Lifeboat College, Poole

Vlaams instituut voor de zee



The Coastal Atlas - History



DE KUSTATLAS
VLAANDEREN / BELGIË
ONLINE

VERDERGAAN IN HET
NEDERLANDS

CONTINUER EN
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- » The Coastal Atlas is a publication of the Coordination Center for Integrated Coastal Zone Management
- » De Kustatlas is een publicatie van het Coördinatiepunt voor Geïntegreerd Beheer van Kustgebieden

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C-SCOPE project

Coastal management tools: a web-based planning tool which will improve the integration of land and sea planning policies

- Dorset Coastal Explorer Planning
- Coastal Explorer Interactive
 - Coastal Atlas will be updated, expanded and upgraded to Coastal Explorer, an interactive and dynamic planning and **mapping tool** that will support decision-making on the Belgian coast.




Update Coastal Atlas

 **DE KUSTATLAS online**
VLAANDEREN / BELGIE


NL FR DE EN

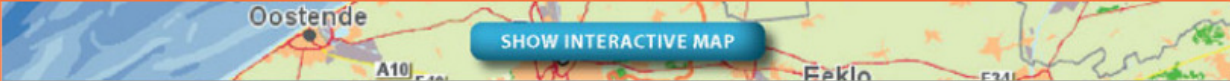
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SHOW INTERACTIVE MAP



WELCOME AT THE BELGIAN COAST





Discover the contents of the Coastal Atlas





- General setting
- Policy & Administration
- Education & research
- Spatial structure
- Use of the sea
- Nature & environment
- Tourism, recreation, sports
- Industry & business
- Social & living environment
- Fisheries & agriculture
- Heritage & culture
- Coastal defence
- **Sustainability**







Explore the interactive map









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ENVIRONMENTAL QUALITY

The coastal ecosystem's resilience has long been exceeded. The coast is largely urbanised. Humanity has left its stamp on every square metre of the coast. The economic and tourist/recreational pressure remains heavy. Integrated coast zone management has set priorities to improve the quality of the environment.



READY TO USE MAPS

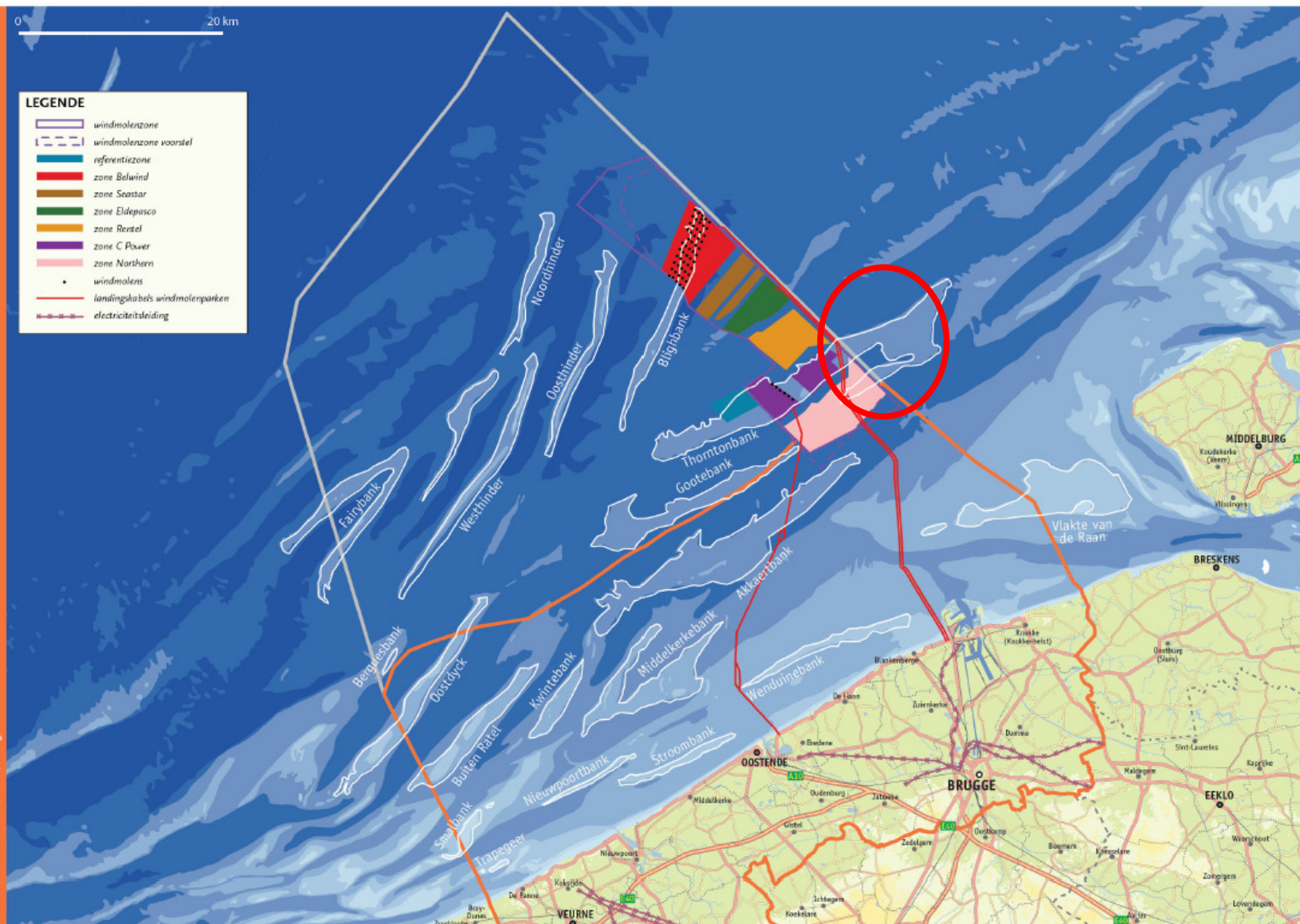


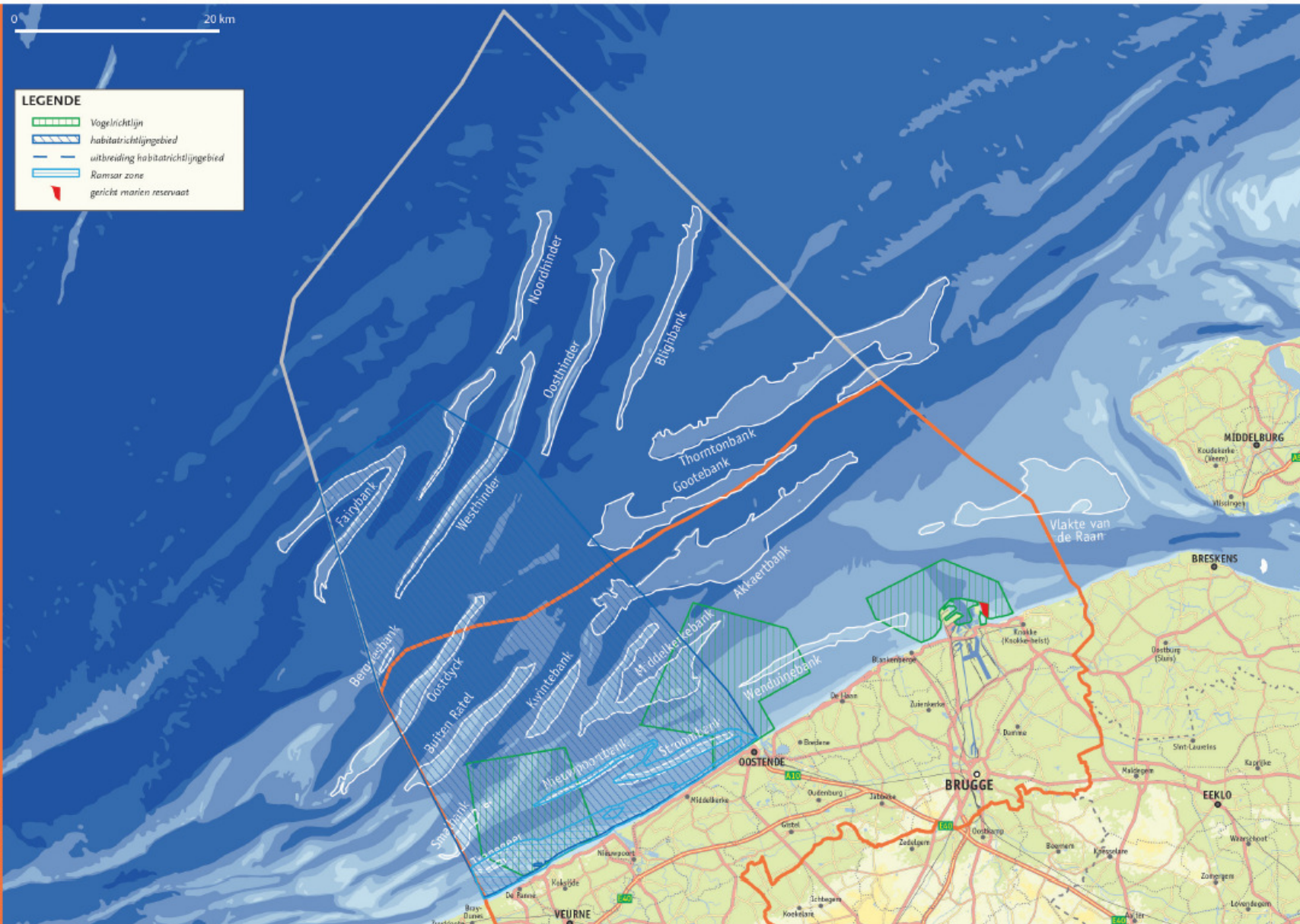
Milieukwaliteit - afval - drinkwater (1 MB)

DRAWINGS & TABLES

- [Jaarlijks geschatte olievolume van illegale olielozingen binnen de Belgische zone](#) (25 KB)
- [Aantal geobserveerde olielozingen per vlieguur](#) (36 KB)
- [Aantal geobserveerde olieervuilingen](#) (26 KB)
- [Evolutie van de restafvalcijfers 1994-2009](#) (34 KB)
- [kg restafval per inwoner 2009](#) (829 KB)





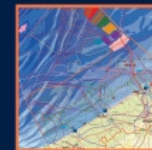


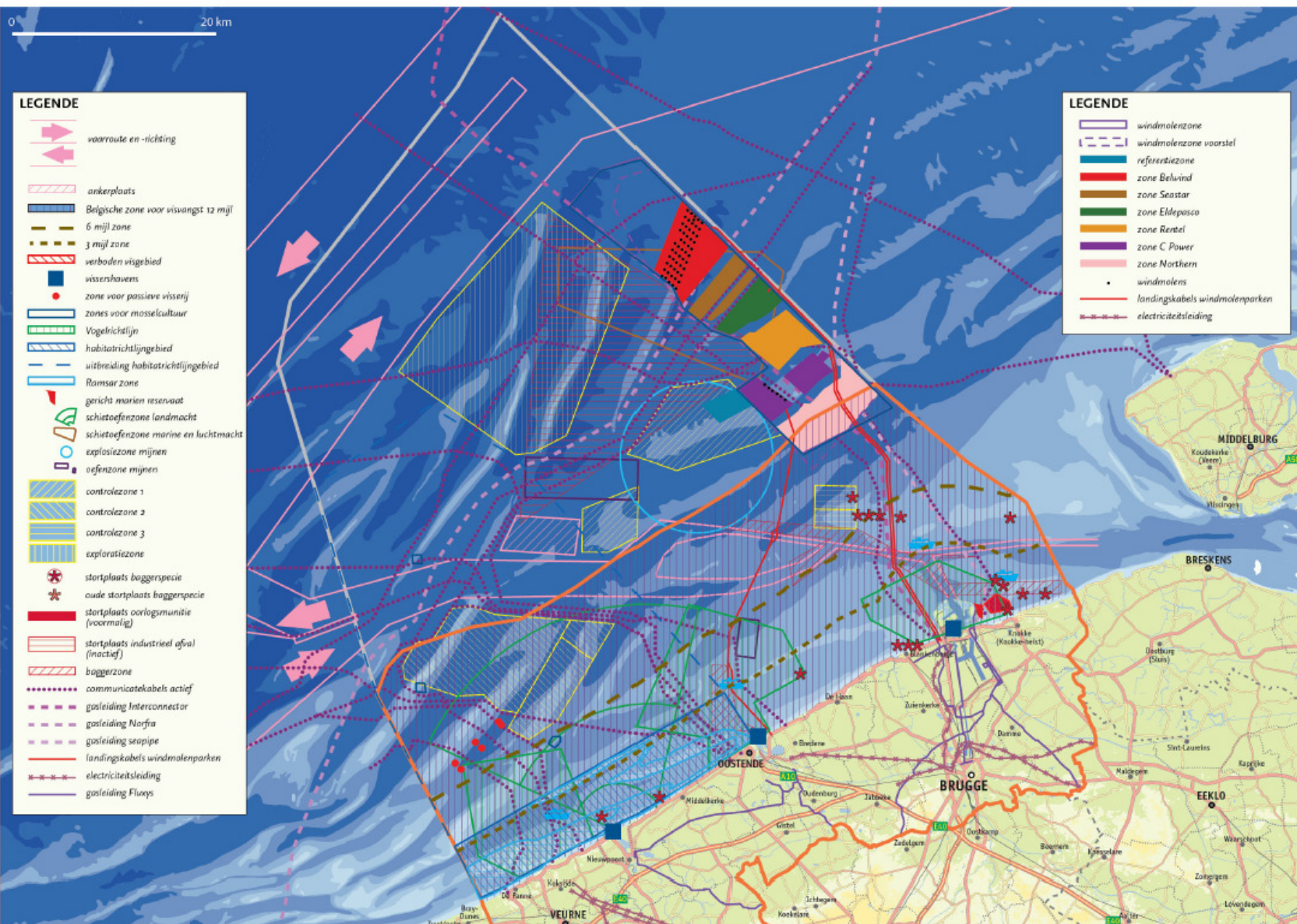
Update Coastal Atlas

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Coastal Atlas - Content

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PLANTS & ANIMALS, NATURAL AREAS

Due to its location on the boundary that exists between sea and land, the coast has a specific ecological value at sea, on land as well as in the transition zone.

This awareness started to grow as late as the end of the 20th century, but since then policies and attitudes have changed and nowadays people participate actively in the restoration of the environment.

The coast has a very diversified landscape with many natural environments (polder, sea, beach, ...). Relatively large landscape entities have been designated nature reserves. Others have great landscape value because of their open expanse.

However, it is also true that economic and tourist/recreational development are putting pressure on landscape and nature.




READY TO USE MAPS



[Planten & dieren, natuurgebieden](#) (1 MB)

DRAWINGS & TABLES




[oppervlakte erkende natuurreervaten en vlaamse natuurreervaten in de kustzone](#) (25 KB)



[aandeel beschermd gebied](#) (24 KB)



[aantal niet-inheemse soorten in het BNZ](#) (93 KB)




[aantal kustpreferente soorten](#) (27 KB)

EXTERNAL SOURCES




[Departement Leefmilieu, Natuur en Energie](#)




[Agentschap voor Natuur en Bos](#)




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Sustainability

Sustainability

Sustainability indicators

- [Living and housing conditions](#)
- [Social and cultural capital](#)
- [Environment and nature](#)
- [Economic tissue](#)
- [Tourism and recreation](#)
- [Managerial renewals](#)
- [Coastal defence and climate change](#)

Sustainable coastal zone management



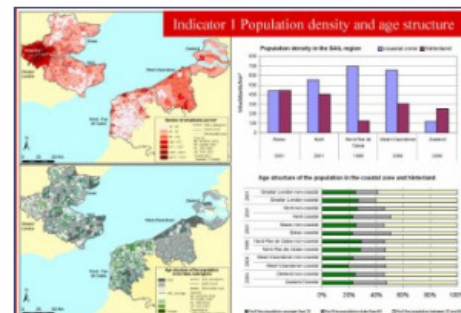
SUSTAINABILITY INDICATORS

It is important to choose indicators with forethought. Around seventy stakeholders concerned with the coast met in several workshops to draft a list of 24 indicators. Each indicator measures a typical aspect of the coast and is linked to one of the **priorities**. They are ideal measurement instruments for assessing the current state of affairs. They can indicate where coast-related policies should be modified and where various sectors' policies should be coordinated. Moreover, they are also important instruments for communication.

All indicators display observable trends in the coastal region and allow everyone to keep track of what is going on.

When combined all these priorities and indicators form a whole that will test the coast's sustainability. For each indicator, this site gives five figures, a core message, the reason why this indicator was chosen and its definition. In addition, the Coordination Centre for sustainable Coastal Management publishes **The Coast Compass**. It is a handy synthesis that allows readers to see the past years' trends at a glance. **An update of the Coastal Compass is scheduled for 2012!**

We also recommend the series of **SAIL indicators** that pertain to the SAIL region (the coastal area of the southern North Sea).



EXTERNAL SOURCES

- [SAIL indicators](#)
- [DEDUCE indicatoren](#)
- [Het kustkompas](#)

Coastal Atlas - Users

Average numbers (June 2011 – April 2012)

- 976 visitors/month
- 1.234 visits/month
- 5.596 web pages/month

Profile visitor

- 36% inhabitants coastal zone
- 11% students
- 10% tourists
- 9% administrations
- 6% scientists

Vlaams instituut voor de zee



Coastal Atlas - Users

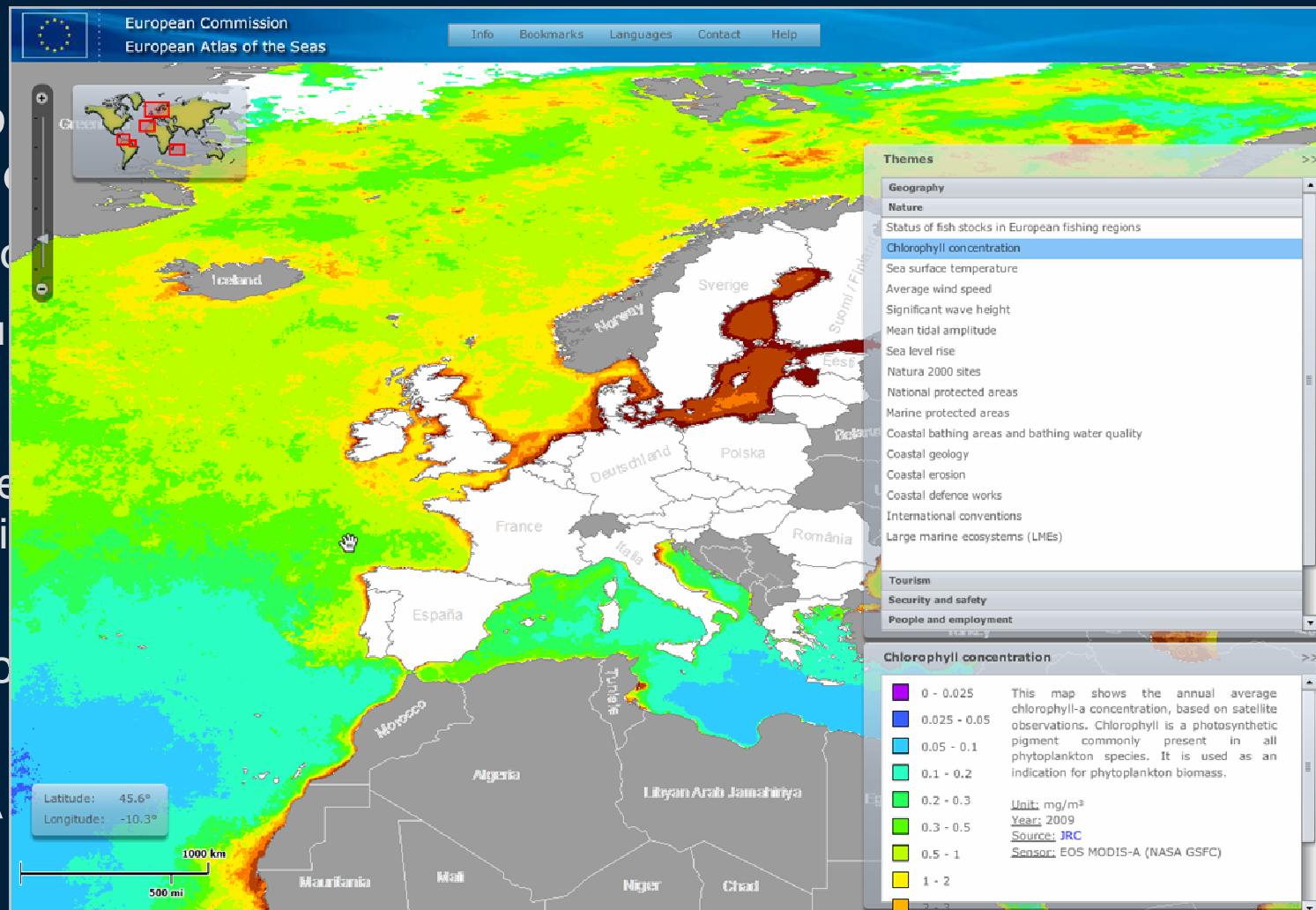
Objective of visit:

- 34% General information
- 11% Maps
- 11% Tourist information
- 10% Information on coastal defence

Sustainability indicators not often consulted / (not found?)



Coastal Atlas in international context



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Challenges for the future

Maintain network of Coastal Atlas (steering group)

Respond to new challenges and evolutions in marine domain and ICZM

Balance between easily accessible instrument for a broad audience versus sufficient scientific and technical validation

- Metadata and citation of source
- Map projection
- Integration of data (indicators) and maps
- More information on map (name of wrecks, protected areas,...)
- Hyperlinks in text



Challenges for the future

Link with Compendium for Coast and Sea (2013)

- Initiative by Flanders Marine Institute with representatives of universities, scientific institutes & administrations.
- An integrated document about the socio-economical, ecological and institutional aspects of the coast and the sea in Flanders and Belgium
- Aggregate objective and scientifically based information and data from Flemish/Belgian marine and maritime research
- Scientists & marine/maritime professionals
- More information:

http://www.vliz.be/EN/Figures_Policy/Figures_Policy_Compendium



Thanks for the attention!

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Have a look:

www.kustatlas.be

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