

# Reconciling Energy and Nature in Offshore Wind and Grid Development. The power of collaborations.

Cigre Webinar Collaboration in the North Sea Powerhouse

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# The Renewables Grid Initiative

We promote fair, transparent, sustainable grid development to enable the growth of renewables to achieve full decarbonisation in line with the Paris Agreement.



The Renewables Grid Initiative logo is a dark blue rounded rectangle with the text "Renewables Grid Initiative" and a circular icon containing a stylized 'G'.

**Members:**

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# The Offshore Coalition for Energy and Nature

Together we work towards a sustainable deployment of offshore energy and grid infrastructure, while ensuring alignment with nature protection and healthy marine ecosystems.





# Aims of OCEaN

## **Plan together**

- Integrated planning combining generation, transmission and nature protection
- Plan energy infrastructure and nature across borders for the entire sea basin
- Find new solutions in design and engineering

## **Plan in line with marine conservation objectives**

- Understand impacts, including cumulative impacts, and identify mitigation measures
- Explore the use of sensitivity maps
- Promote consistent environmental monitoring
- Identify compensatory measures designed at basin level

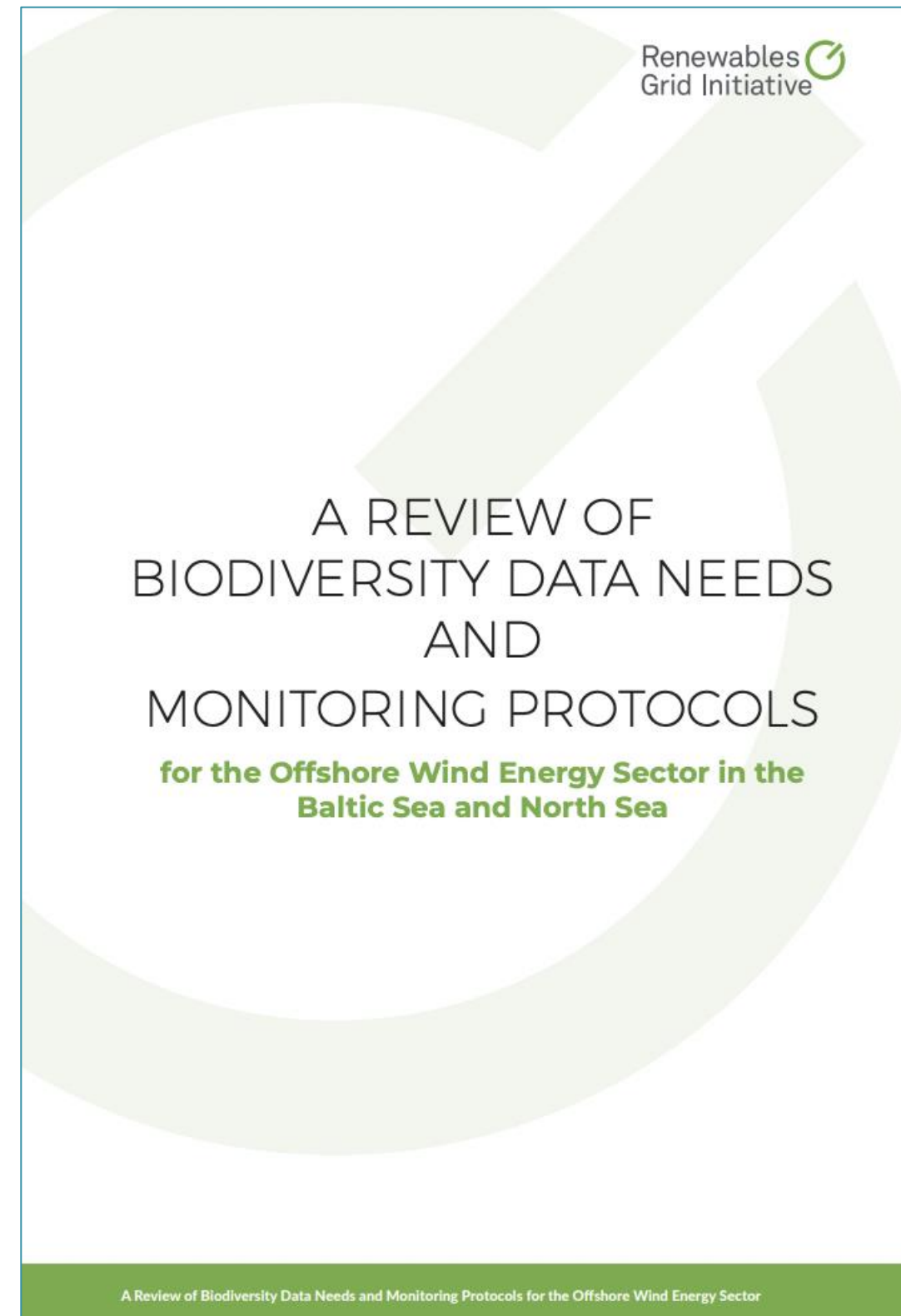
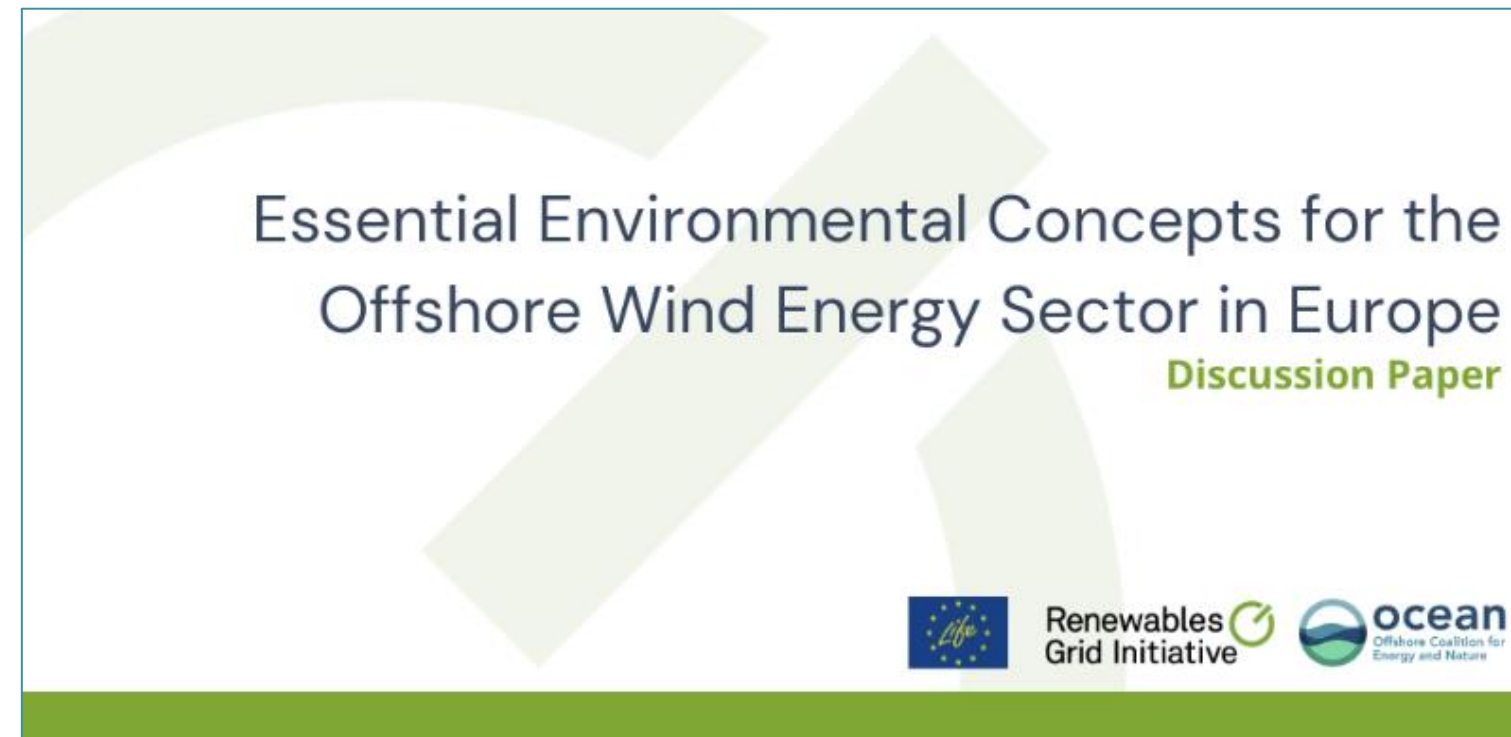
## **Plan ahead**

- Plan all the way to full decarbonisation
- Plan with a lifecycle perspective

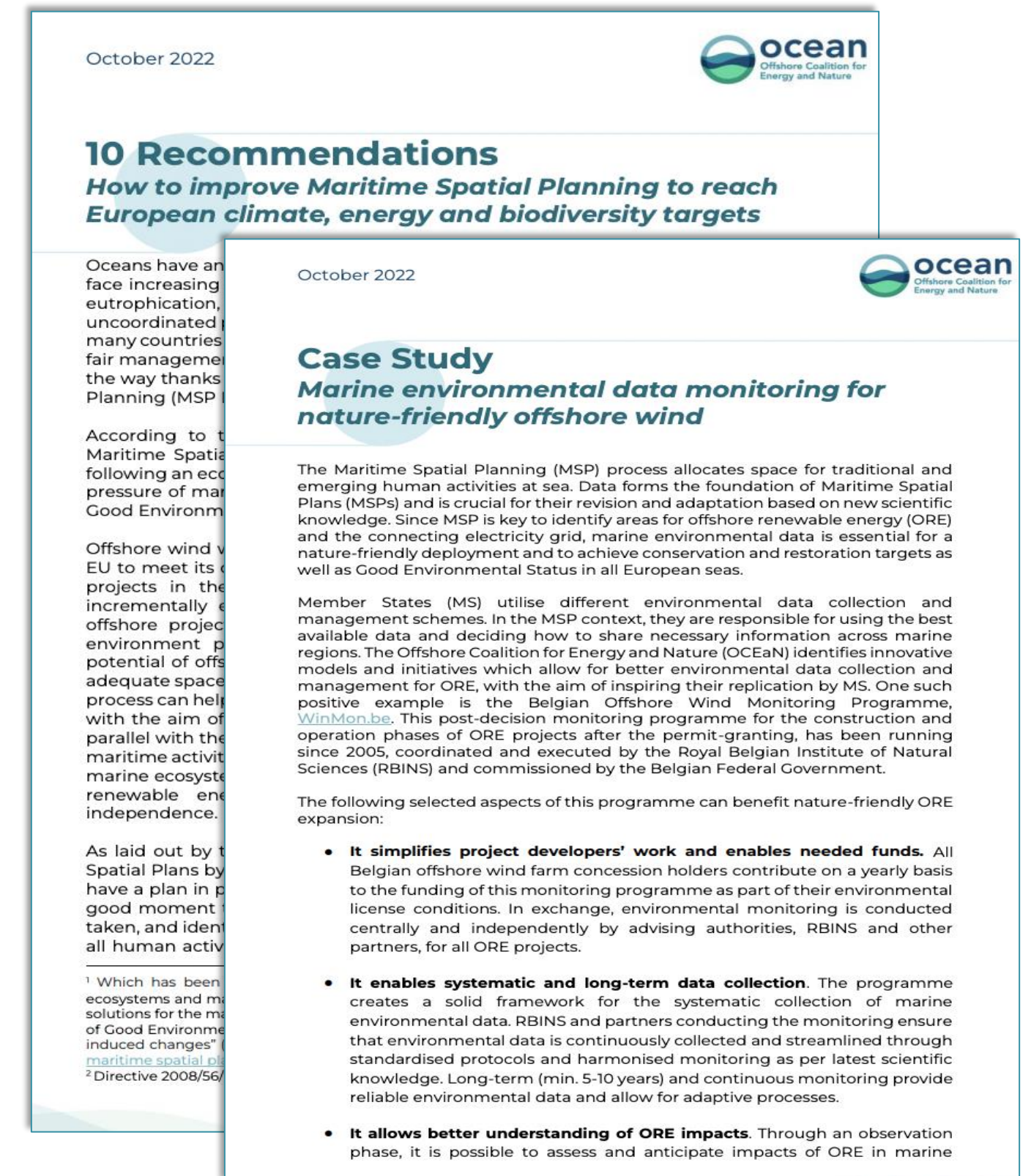


# Our work

## Create a common understanding



## Find common ground





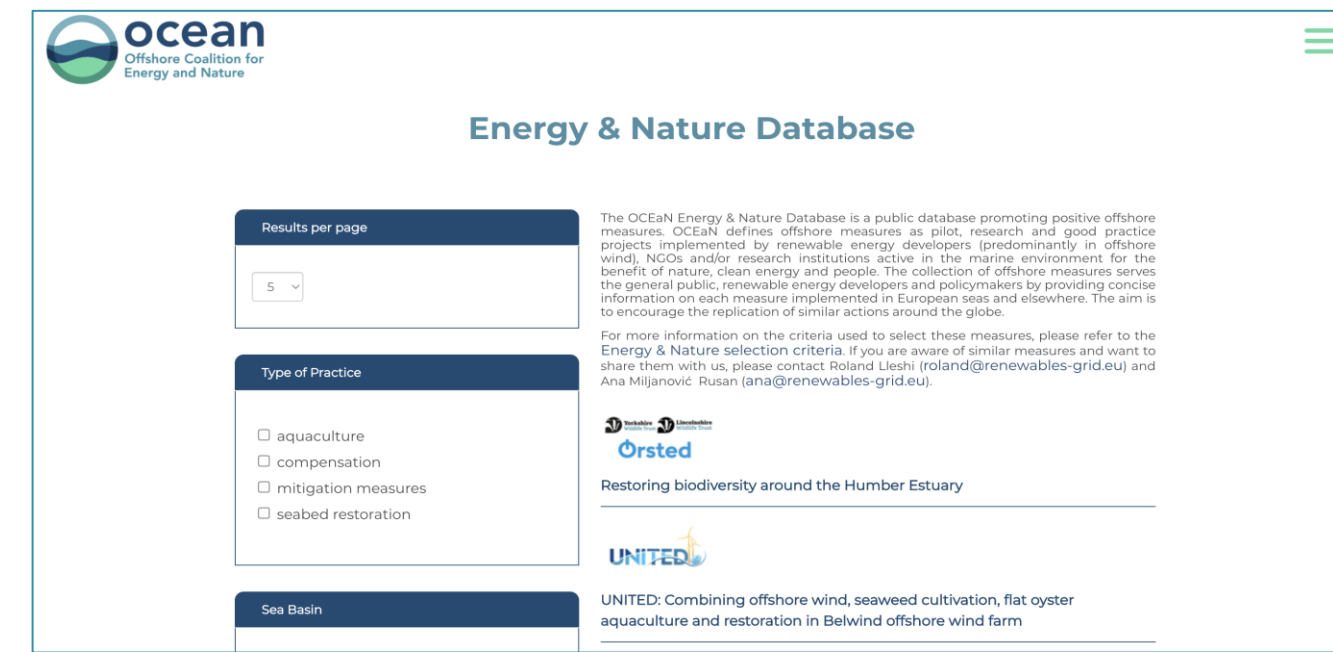
# Our work



## Advocate together



## Collect and disseminate solutions



## Engage with the broader public





# Ambition

- Build a pact between energy & nature to find joint solutions to speed up the development of offshore wind and electricity grid infrastructure through the identification of concrete measures to protect and restore nature in European seas.
- Expand from the North and Baltic seas to other sea basins, with newly established OCEaN branch in the Mediterranean sea and working group in EU Atlantic.
- Support the establishment of collaborations in the Black Sea.



# WindEurope Conference, 25-27 April Copenhagen



**How to integrate nature  
into offshore wind and  
grid infrastructure**

**12:30 - 3:30pm CEST**  
**Wednesday, 26 April 2023**

Renewables Grid Initiative   **ocean**  
Offshore Coalition for  
Energy and Nature @ **Wind**  
EUROPE ANNUAL EVENT  
2023  
COPENHAGEN  
25-27 APRIL

- OCEaN Exhibition Stand
- Presentations at Members' Stands
- Conference Sessions

To learn more:

<https://offshore-coalition.eu/events/>





Thanks for your attention!

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