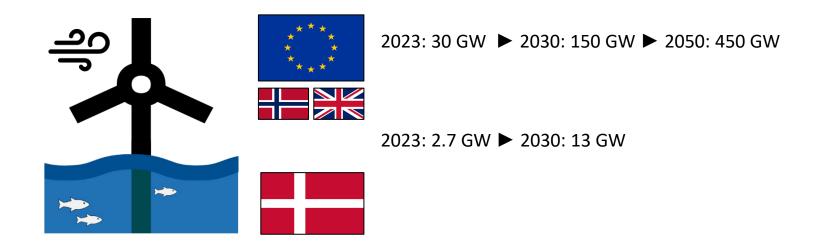
Matthieu Povidis Delefosse (Senior Bioscience Expert)

Offshore windfarm more than just fossil free electricity?



Confidentiality: C1 - Public

Challenge: Massive build up of offshore wind farm



https://windeurope.org/



Rigorously applying mitigation hierarchy Throughout all project life phases



- 2. Construction
- 3. Operation
- 4. Decommissioning













Beyond mitigation: making positive contributions Through Nature Inclusive design (NID)

Water replenishment holes open access to inside of the monopile





The Rich North Sea

















Challenge: Multiple Interests at Sea

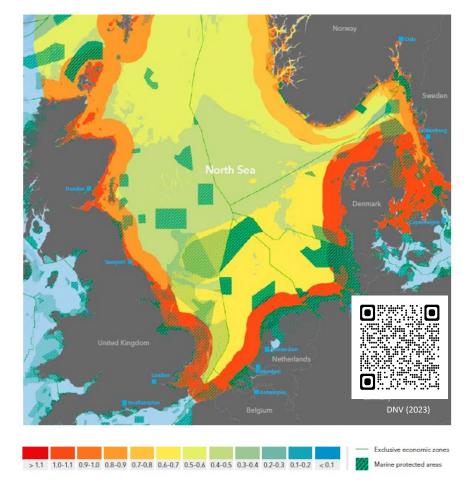
Energy production

Nature protection

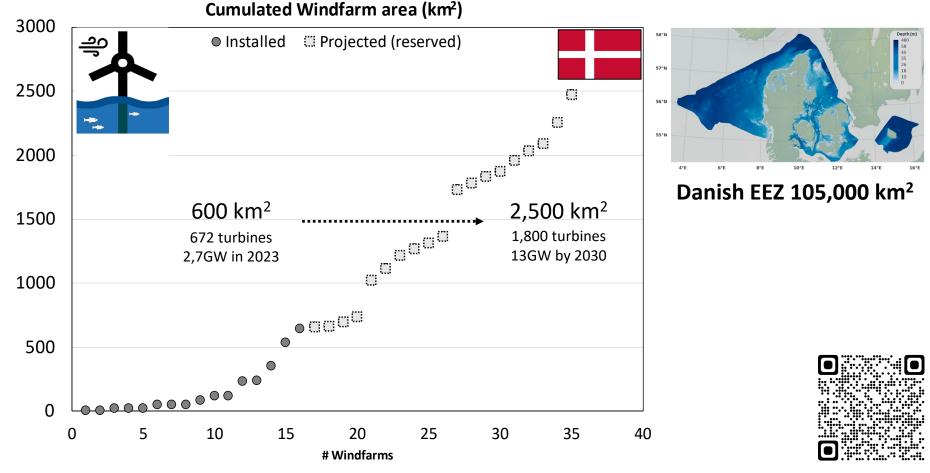
Fisheries, Aquaculture

Shipping

DNV (2023) "Future space requirements and spatial competition will trigger new forms of collaboration and multi-use strategies to achieve spatial efficiency, circularity, and shared costs and resources."







4C offshore (2023)



Multi-use in offshore operating windfarm Testing sustainable food production





Kerteminde Seafarm









🙏 WIN@sea

Multi-use in offshore operating windfarm Through passive conservation





PLYMOUTH









Marine nature protection

Protected

- Today: 12%
- 2030 target: 30%

Strictly protected:

- Today: 4.1%
- 2030 target: 10%

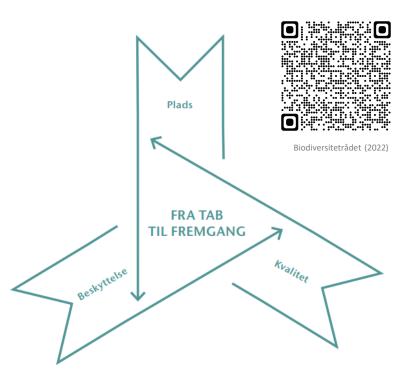


Fig 1.1.3. For at vende tabet af biodiversitet til fremgang er der behov for Mere plads med Mere kvalitet, som er Mere beskyttet.



Offshore windfarm more than just fossil free electricity?

YES!

Promote positive impacts on biodiversity Enable multiple sustainable use practices

Photo: Michael Palmgren (Lillgrund)

Contact

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Linked in





