

# Offshore wind Sustainability research portfolio

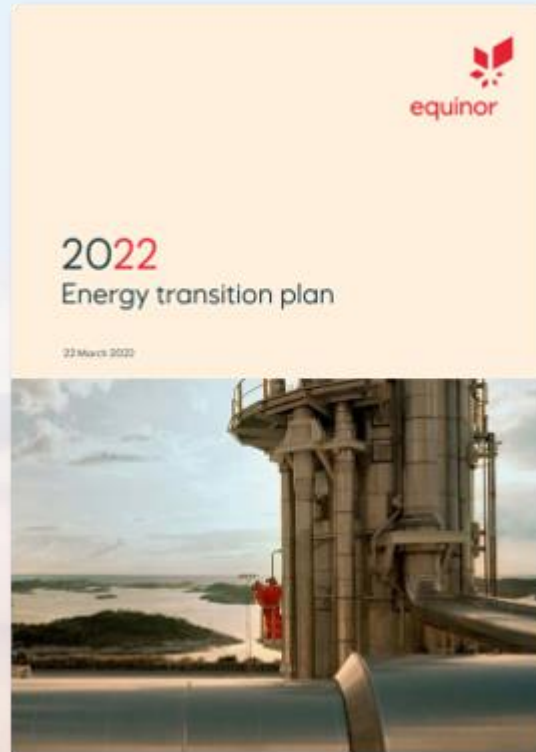
Offshore Norge, seminar Havvind og miljø  
5 Nov 2024

Arne Myhrvold, Senior rådgiver bærekraft





Going beyond the “do-no-harm” principle - a paradigm shift in our approach to nature & biodiversity



## Equinor’s biodiversity position

Equinor supports the global ambition of reversing nature loss by 2030 and is ready to play our part

### FIVE AREAS OF ACTION

Establishing voluntary exclusion zones

Developing a net-positive approach

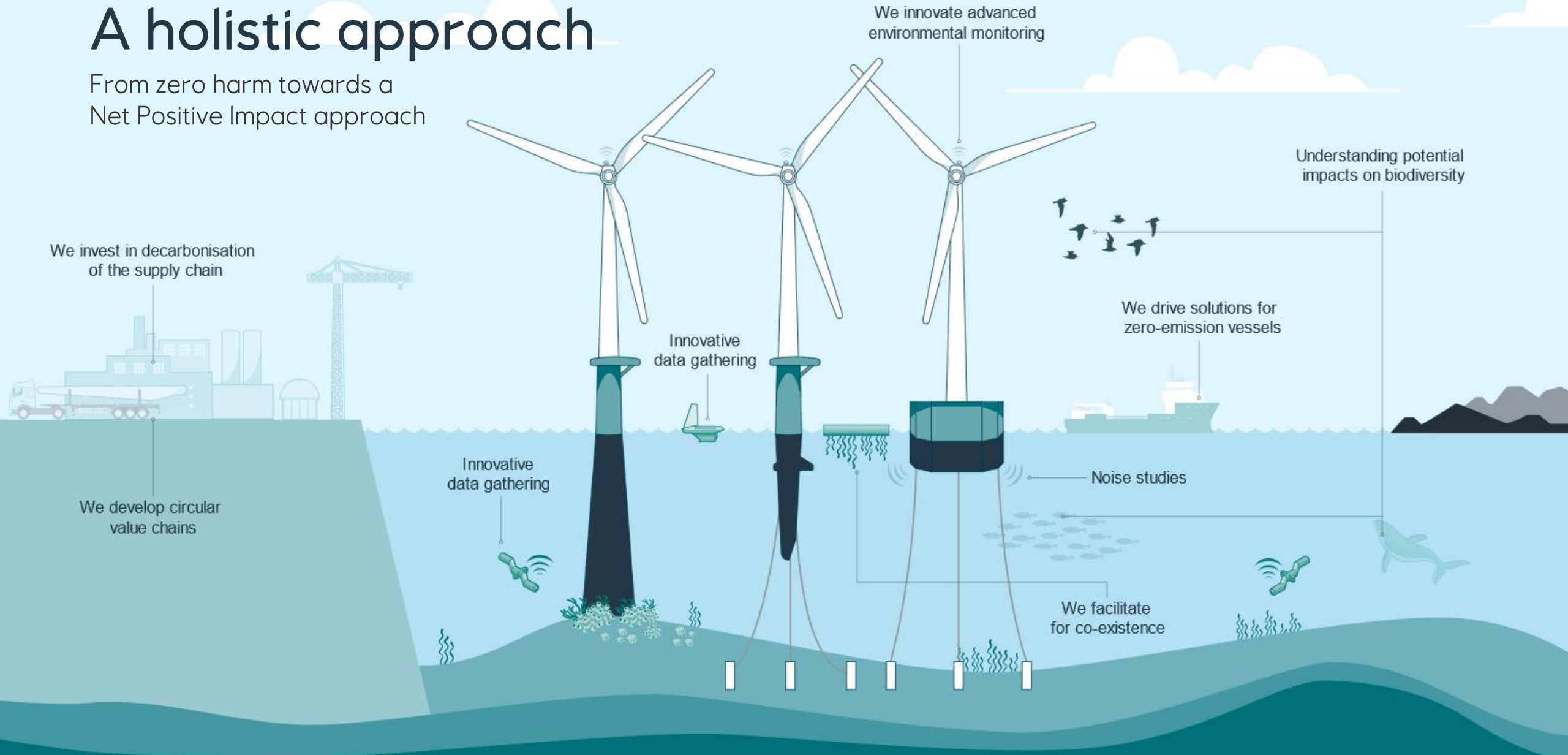
Increasing knowledge and access to biodiversity data

Investing in nature-based solutions

Advocating for ambitious biodiversity policy

# A holistic approach

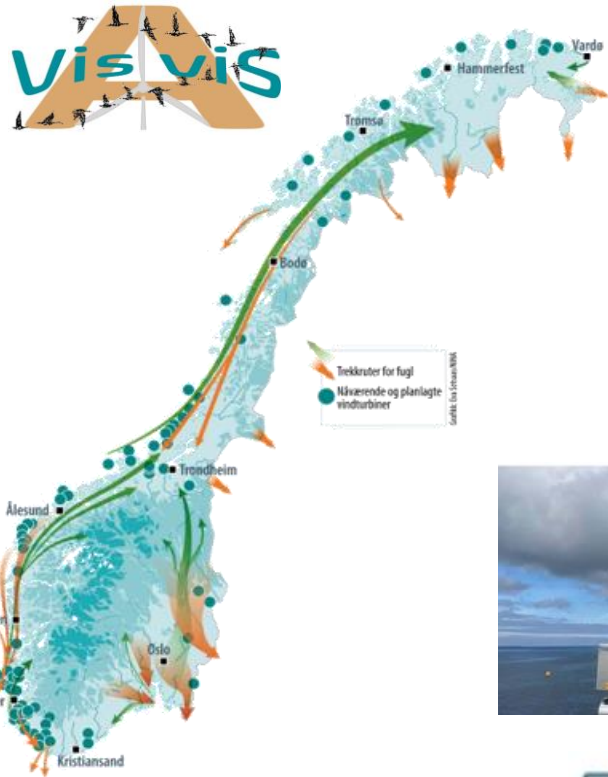
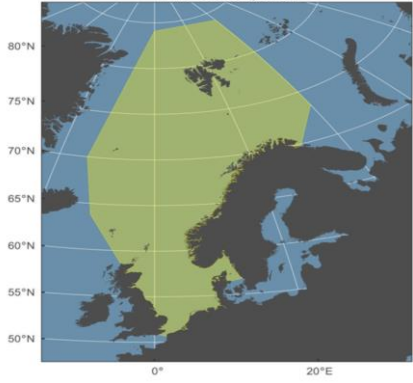
From zero harm towards a Net Positive Impact approach



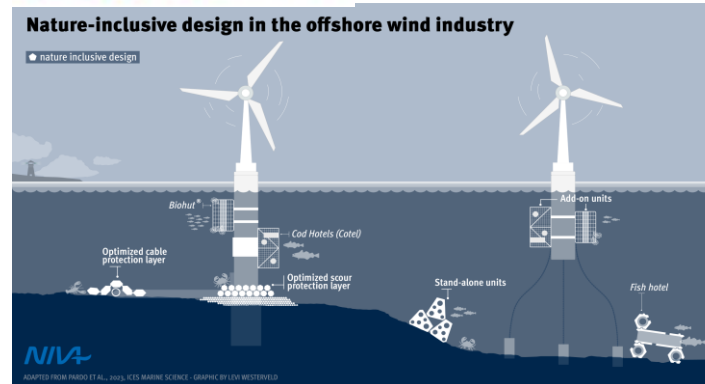


# MARCIS

marine spatial planning and cumulative impacts of blue growth on seabirds



NiD4OCEAN | NIVA



# Sustainability solutions

## Topics we work on

- Seabirds, migrating birds
- Bats
- Pelagic fish
- Improved methods for environmental monitoring
- Wake effects in water column
- Colonisation of hard substrate
- Potential impact from electromagnetic fields – EMF
- Benthos
- Noise – measurements and mitigation
- Nature accounting – Marine Net Gain

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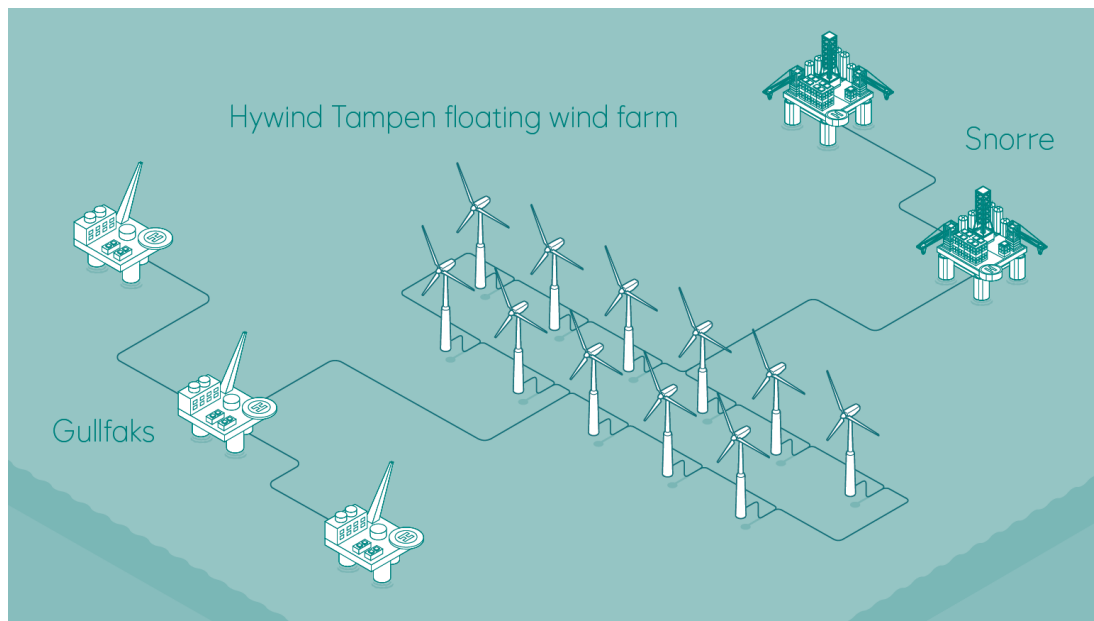
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# Hywind Tampen – flytende havvindpark i Nordsjøen



11 turbines

88MW capacity

Concrete substructures and shared mooring system

200.000 tonne/år CO<sub>2</sub> Emission reduction

