

SEADOTS

Alternative futures

Inform political decision making
Assist spatial planning
Enable adaptive management

Ambition

Safeguard ocean ecosystems
Sustainable resource use
Social and economic well-being

Southern North Sea

Case study examining the ecological impacts, economic advantages, and implications of shared marine spaces by the example of offshore wind and kelp/mussel farming.

What if scenarios

Predictive management

Decision support

Applications

Baltic Sea

Case study exploring potential ecological and socio-economic trade-offs and synergies between sustainable fisheries, offshore wind and marine protected areas.

Digital Ocean Twins

Norwegian North Sea

Case study assessing the potential socio-ecological-technical impacts of offshore wind development on a small-island community at Utsira in Norway.

Geo-spatial attributes

Socio-economic data and models

Socio-ecological data and models

Human activities

Ecosystem data

Ocean Observations

EU Digital Twin of the Ocean

Geophysical systems and data

Ocean Models

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