

SEADOTS



Alternative futures

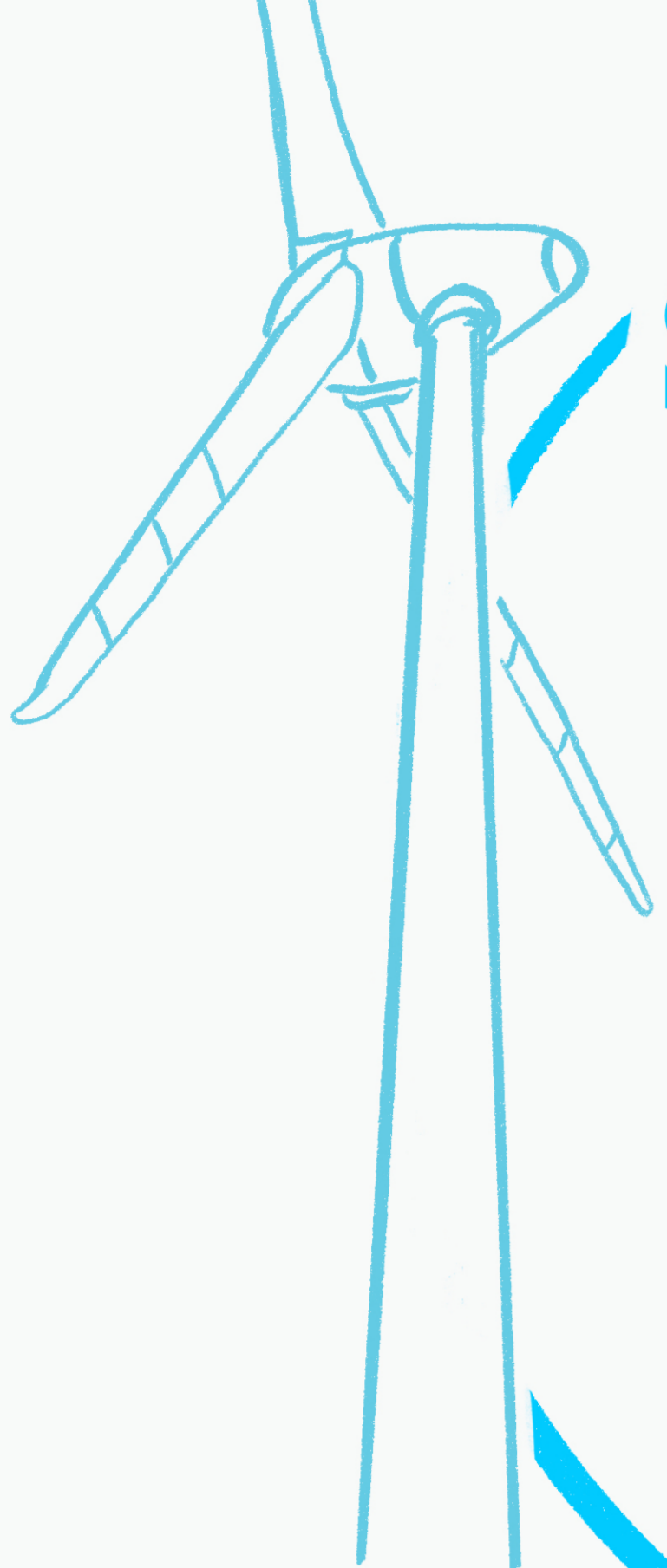
Inform political decision making
 Assist spatial planning
 Enable adaptive management

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.



New data

What if scenarios

Predictive management

Decision support

Applications

Digital Ocean Twins

Baltic Sea

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



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

EU Digital Twin of the Ocean

Geophysical systems and data

Ecosystem data

Ocean Models

Ocean Observations

Ute Brønner, R. Arnason, R. V. L. d'Oliveira Bouman, D. Dankel, N. Gligoric, H. Hasler-Sheetal, C. Ipektsidis, S. Keiser, S. Niiranen, J. Pein, J. Rocha, A. S. Rodriguez, J. Staneva, K. R. Sørheim, L. Veylit, P. Zaborowski

info@seadots.com

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by Håvard Logevold @SEADOTS