# 'VindØ'- Denmark's next step as a global leader in offshore wind

# **Pension**Danmark



andel Nykredit



CİP

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## What is an energy island?

- Cost-efficient harvesting of offshore wind resources

Illustrative comparison of connection possibilities for offshore wind



#### Energy islands are essential for realizing the full potential of offshore wind – cost-efficient and highly integratable

Sources: COWI (2021): "Cost benefit analyse og klimaaftryk af energiøer i Nordsøen og Østersøen"; Roland Berger for the European Commission (2019): "Cost efficient offshore development through hybrid projects".

# **Energy island value proposition**

- Combining classic offshore wind activities with large scale offshore innovation and integration



Sources: QBIS (2020): "Socio-economic impact study of offshore wind". Labour effects for 10GW build-out extrapolated from 3GW North Sea energy island scenario.



### VindØ – the world's first energy island (www.windisland.dk)

Illustrative depiction of 'VindØ' - Danish energy island project





## A global market opportunity for accelerating offshore wind

- Significant global market potential in the North Sea, Asia and beyond, including existing islands



Sources: OREAC (2020): "The Power of Our Ocean"; NSWPH (2019) "Industry Engagement"; GWEC (2021): "Global Wind Report 2021".