

Experience and potential for floating wind farms

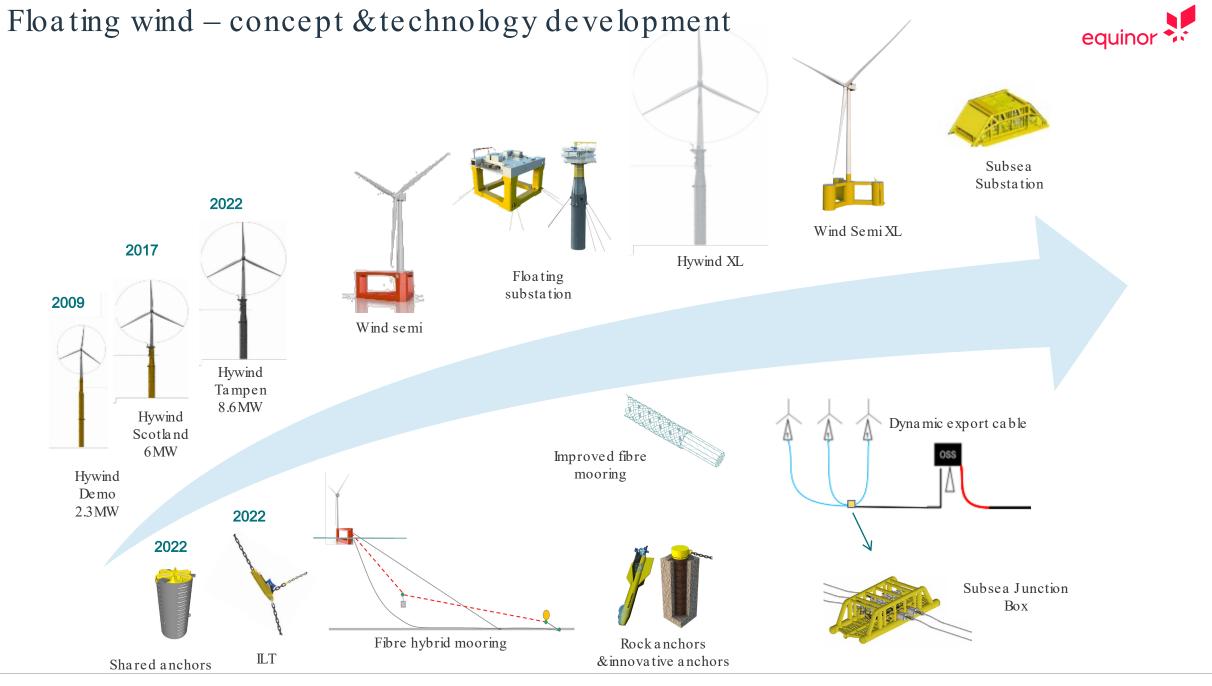
Herbjørn Haslum, Equinor

Eera Deepwind 17.0 1.20 24



- Floating wind technology toolbox
- Key regions for floating wind
- Hywind Tampen
- Transfer of learnings from the Hywind journey to the industry





Pre Hywind Scotland



Goal: allow installation of tower without a deep-water assembly site (fjord)

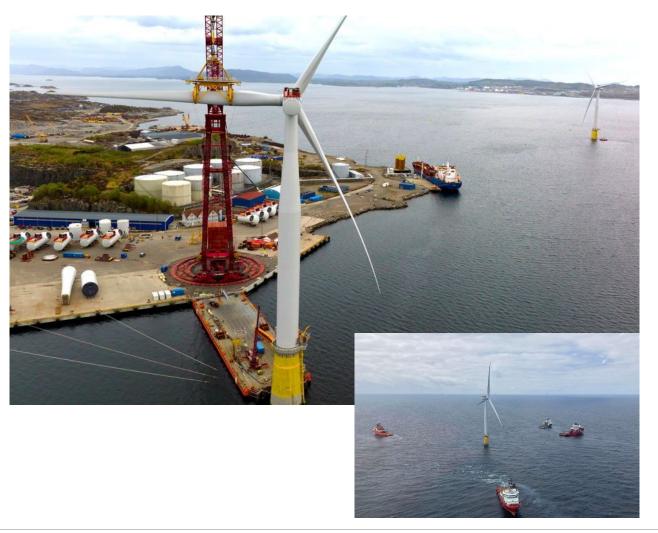


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Turbine assembly @quayside







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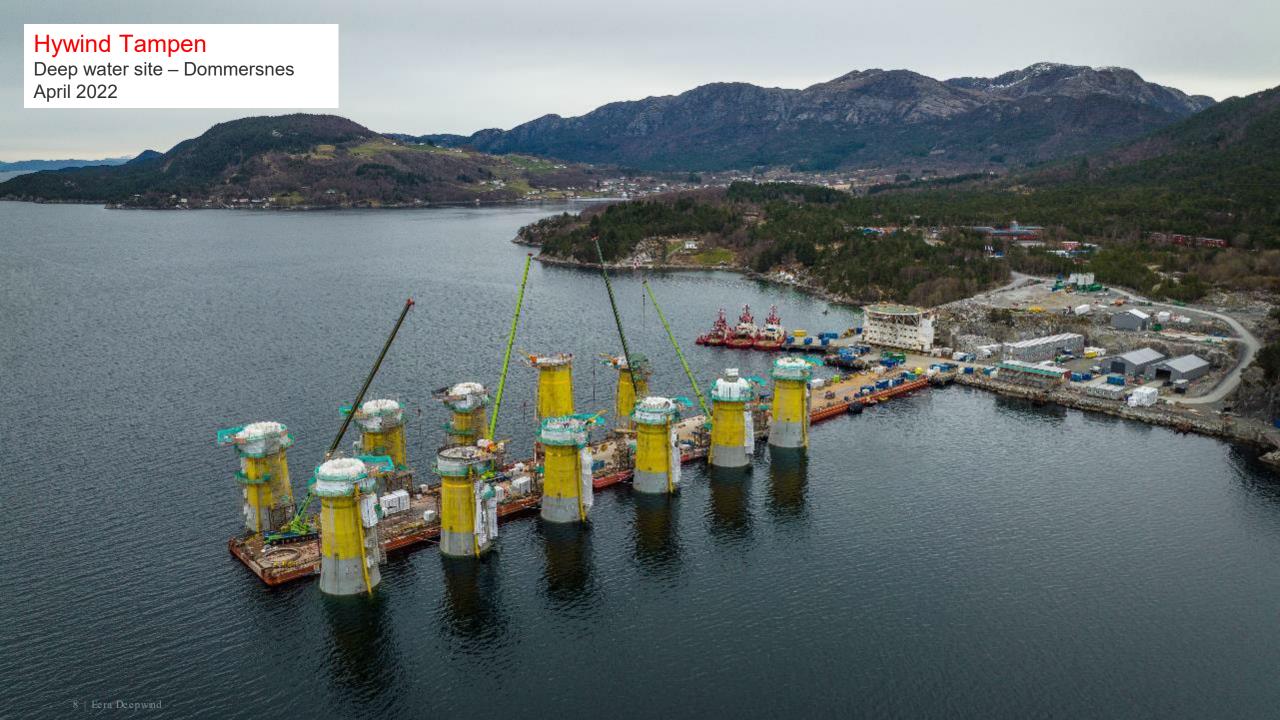


Key regions for Floating Offshore Wind



6 | Open







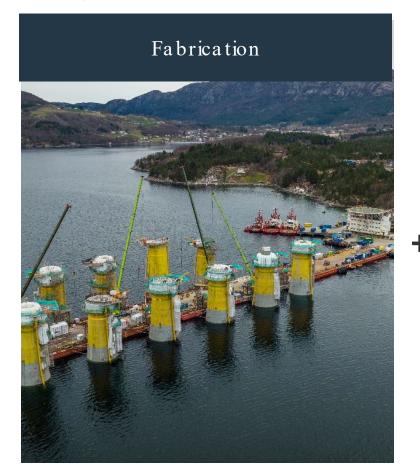


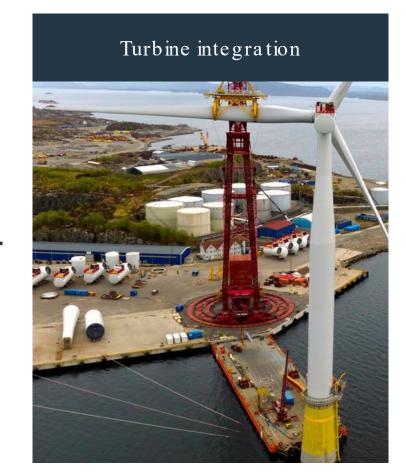


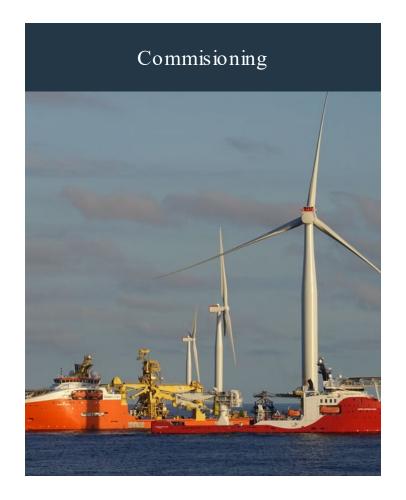
Learnings from Hywind Tampen



Going from demo → commercial scale, requires more efficient logistics

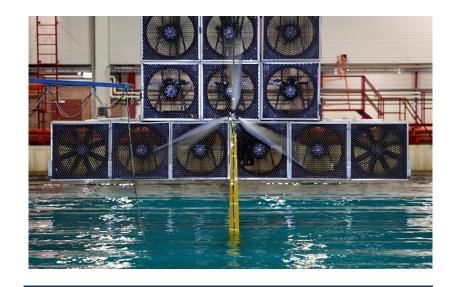






Floating wind factory, a one-stop shop

Learnings from the 'Hywind journey'





- -Developed aero-hydro analysis tools & controller, now state of the art
- -Validations (model tests & full scale), discovered new dynamic phenomena



Project execution

- -Windfarms require factory logistics
- -Minimize commisioning offshore
- -Large number of contractors involved



Operations

- -Capabilities of SOV (DP, w2w)
- -Helicopter access for routine visits



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