Hywind Tampen
An industrial part of the solution
Hywind Tampen – An industrial part of the solution

- Reduce CO₂ and NOx emissions on Gullfaks and Snorre
- Further develop floating wind and the Hywind concept, technology and execution methods
- Demonstrate a fully integrated gas and renewable power generation system with large global deployment potential
Hywind Tampen

The world’s first floating offshore wind farm to supply renewable power to offshore oil and gas installations.

- 11 wind turbines
- Combined capacity of 88MW
- 200,000 tons/year CO₂ emission reduction
Technology development at Hywind Tampen

- Larger turbines
- Installation method
- Simplified mooring
- Concrete substructure
- Gas and wind power generation system integration
Hywind Tampen Execution

Main contractors

Wind Turbine generators: Siemens Gamesa Renewable Energy
Substructure and marine operations: Kværner
Inter-array and export cables: JDR Cable Systems
Cable installation: Subsea 7 / Seaway 7
Topside modifications: Wood Group Norway
Assembly site Slovåg: Wergeland Base
Onshore crane: Mammoet Norway
Stepping up floating wind to become a competitive source of energy

Equinor ambition: Remain the world leading developer and operator of floating wind

Hywind demo 2.3 MW

Hywind Scotland 30 MW

Hywind Tampen 88 MW

Utility scale project: 500 - 1000 GW

Next floating project(s): >200 MW

Fully commercial technology: 40 - 60 EUR/MWh

Key markets: Korea, Japan, US, Scotland, France, Spain (Canary Islands), Norway

Technology development ▶ Cost reduction ▶ Industrialization
Thank you!
Hywind Tampen Operations

- Equinor is the operator on behalf of the licenses
- The Wind Farm will be operated and maintained by using synergies with oil and gas operations in the area
- Wind turbines are integrated into the existing power management systems

- Siemens Gamesa Renewables has a five-year service agreement
- Ring solution design allows for flexibility
- SOV used for corrective and planned (annual) service