Northern Lights
A European CO₂ transport and storage network

4th Int. Workshop on Offshore Geologic Storage, 11-12 February 2020
Project status and drilling of the confirmation well Eos 31/5-7
The Northern Lights Hub

• Business development team have been very successful in selling the “open storage” facility

• Now part of an EU Project of Common Interest (PCI)
Project time-line overview

Drilling period extended into January due to bad weather.
Northern Lights Eos 31/5-7

Well objectives:
- Confirm presence of the Johansen and Cook sandstone formations
- Confirm sealing potential of Drake Fm
- Confirm ability to inject CO$_2$ into the Johansen sandstone
- Keeper well – CO$_2$ injector
Northern Lights Eos 31/5-7 Confirmation Well to CO₂ injector

2020

2022

2023 - 2048
Northern Lights well - Eos 31/5-7

- Well reached TD of 2865m TVD MSL on 14th Jan 2020

- Summary of data collected:
  - Drilled cuttings
  - Earth stress measurements
  - Logging (LWD)
  - Formation water samples
  - Two stress tests performed in Draupne and Drake formations
  - Wireline logging, image logs
  - Production tests
  - Cores cut in Drake shale (caprock), Cook sandstone and Johansen sandstone (target)
  - Measured formation pressures in overburden and reservoir (Cook, Johansen and Statfjord formations)

Well data still being assessed – but all indications so far are positive