

Drivers geological CO₂ storage

To keep temperatures below the 1.5-1.7°C rise, we need to safely store

- ► 7 8 GtCO₂/ yr by 2050
- ► *cumulatively* 350 1200 GtCO₂ by 2100

Requires commissioning of 7000 – 8000 offshore "Sleipners", @1 Mt/yr by 2050

- ► deployment of 300 400 wells per year
- ► monitoring of CO₂ migration to control subsurface distribution & verification
- ► assurance of safe operations
- ► transfer of liability to national governments at end of life cycle

Geological Carbon Storage mover CCS projects." (2020): 978-3. North Sea Saline Aquifer

Ringrose, Philip. "How to store CO2 underground: Insights from early-

