

More to gain from NCS

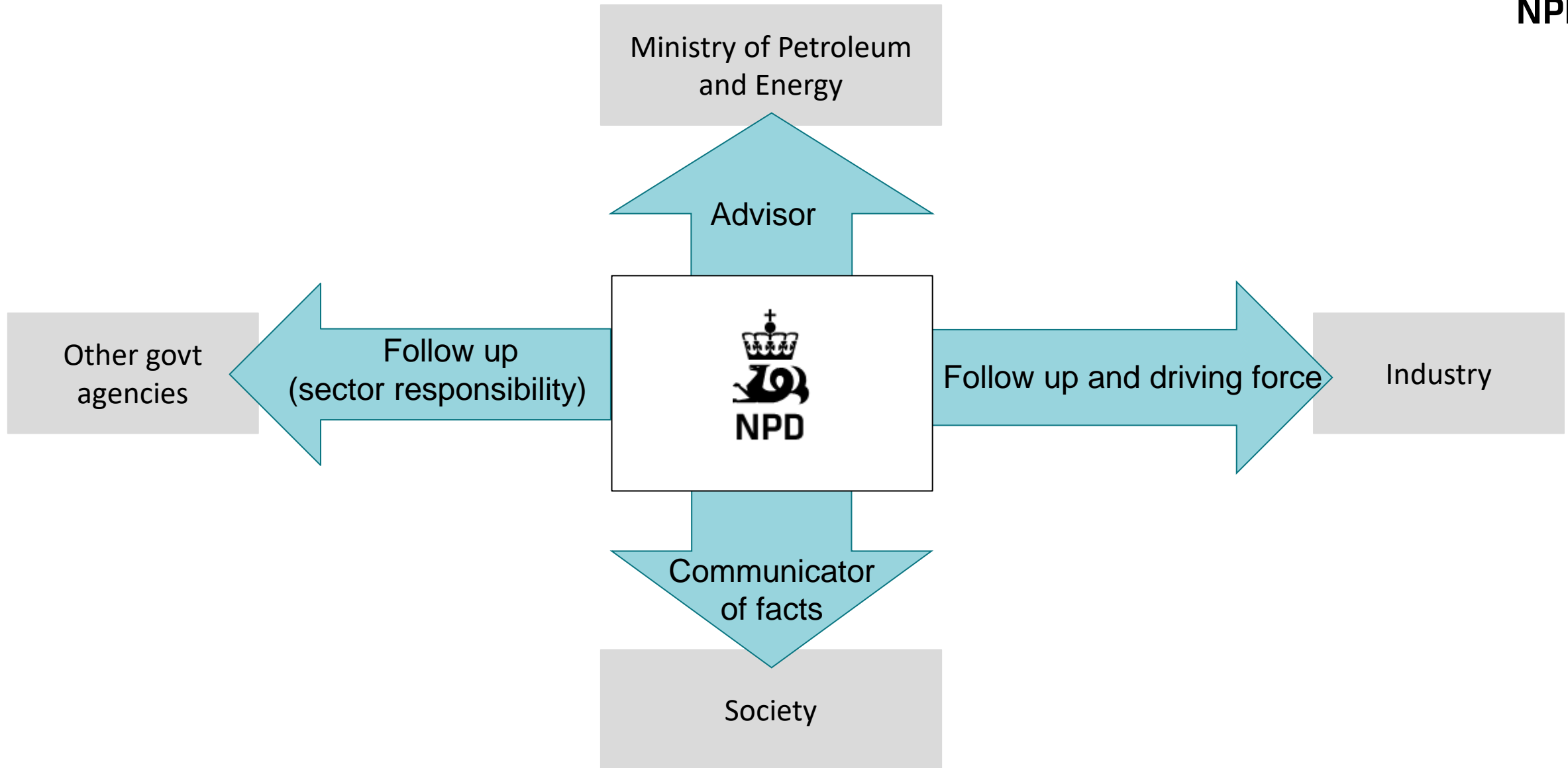
BRU21 Conference May 31, 2023

Arvid Østhus, Assistant Director
Norwegian Petroleum Directorate

Norwegian Petroleum Directorate - NPD



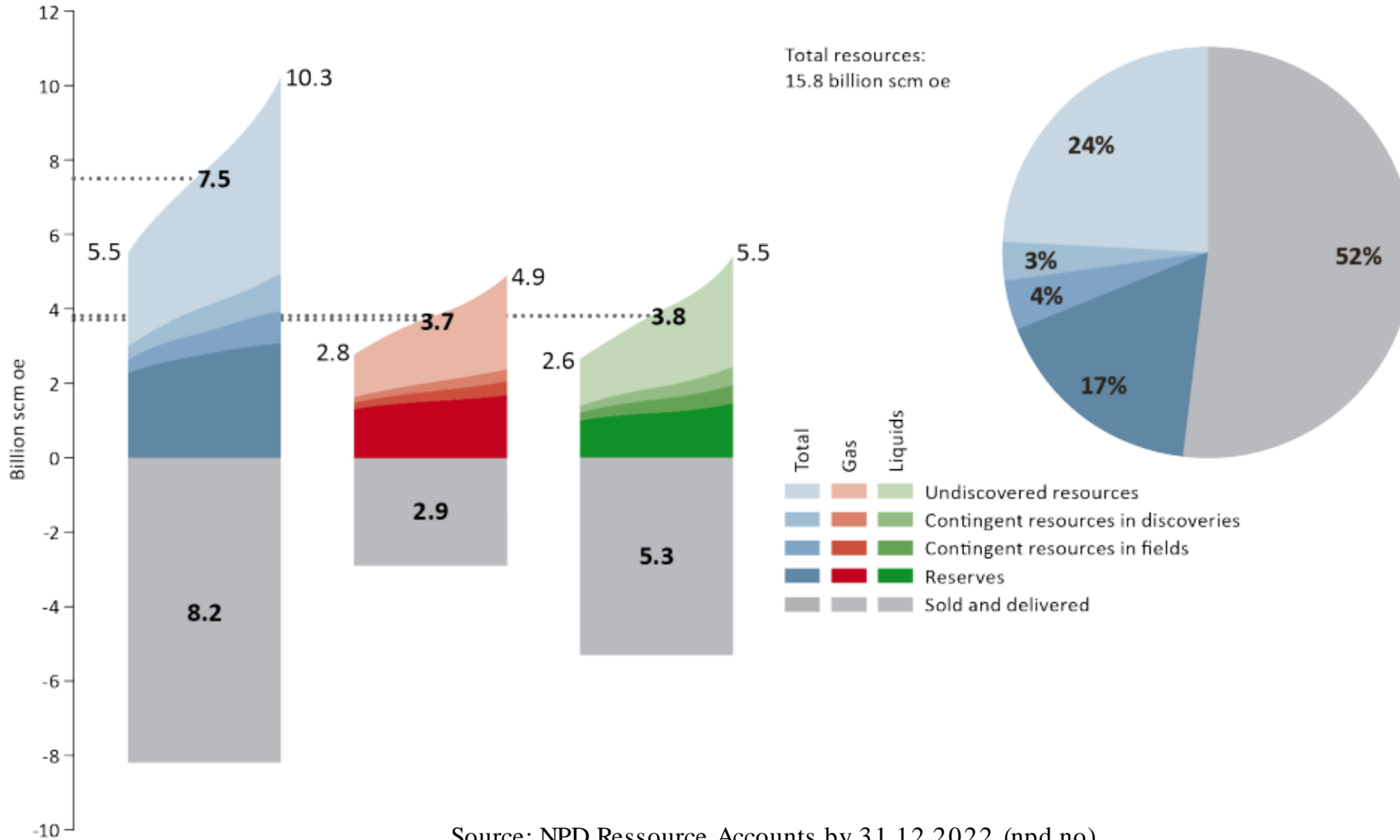
NPD - roles



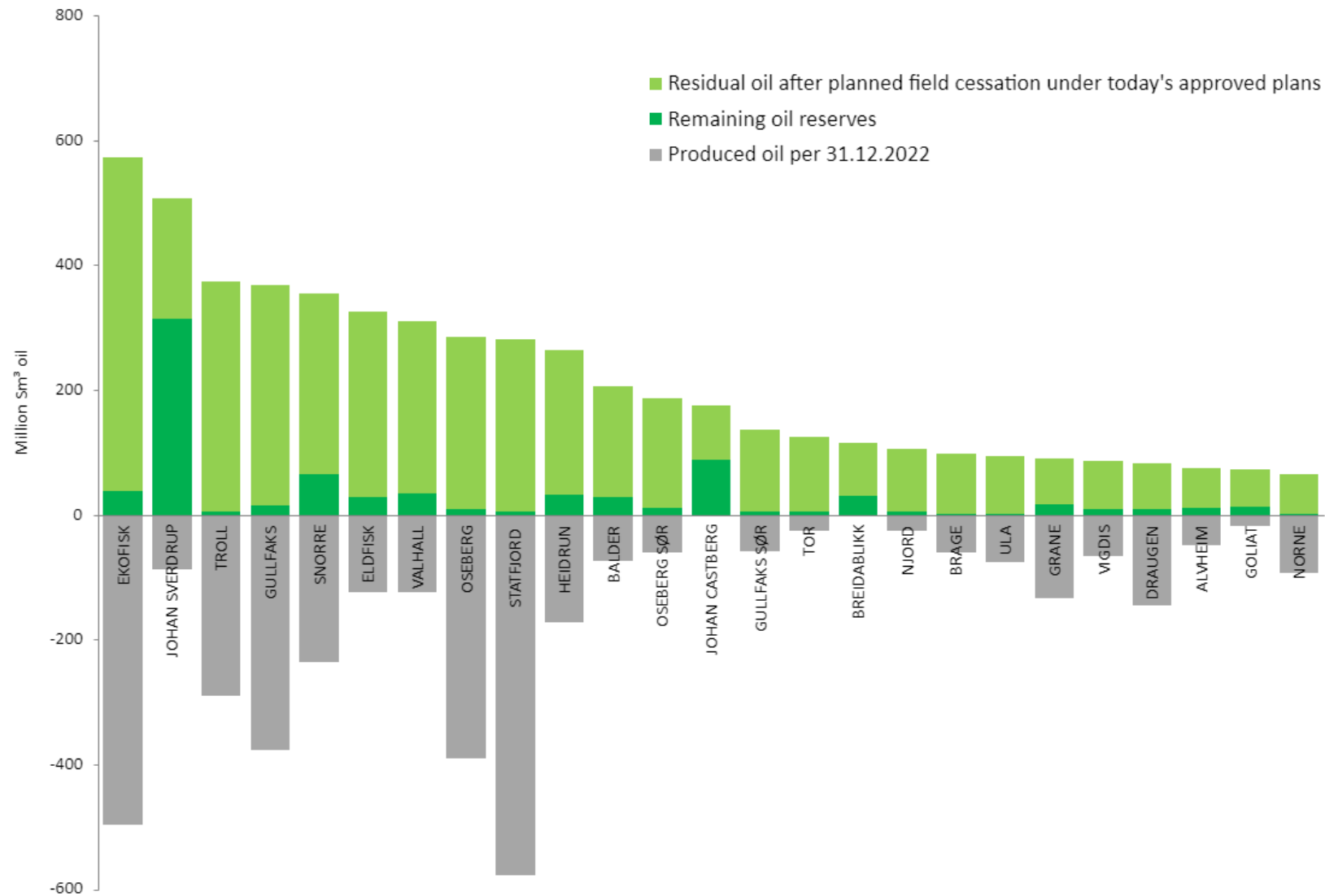
More to gain from

- Oil and gas resources
- Safe CO2 storage
- Technology
- Data and digitalization

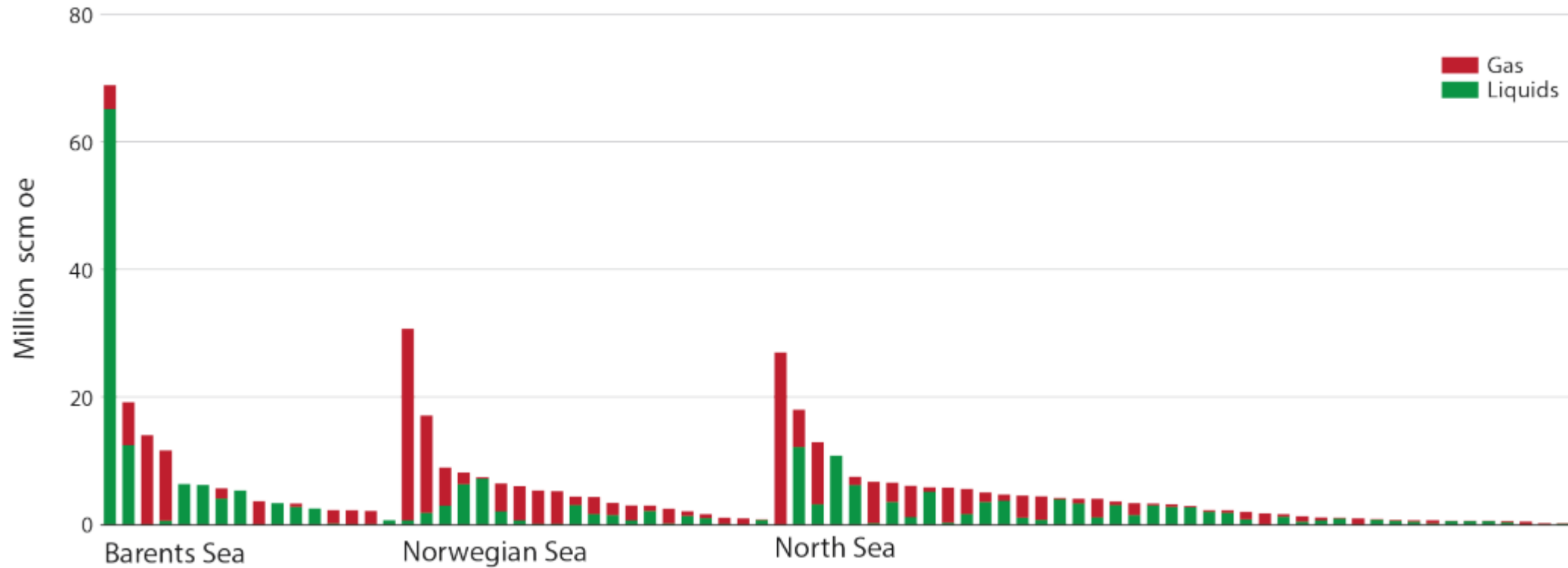
More to gain - total resources



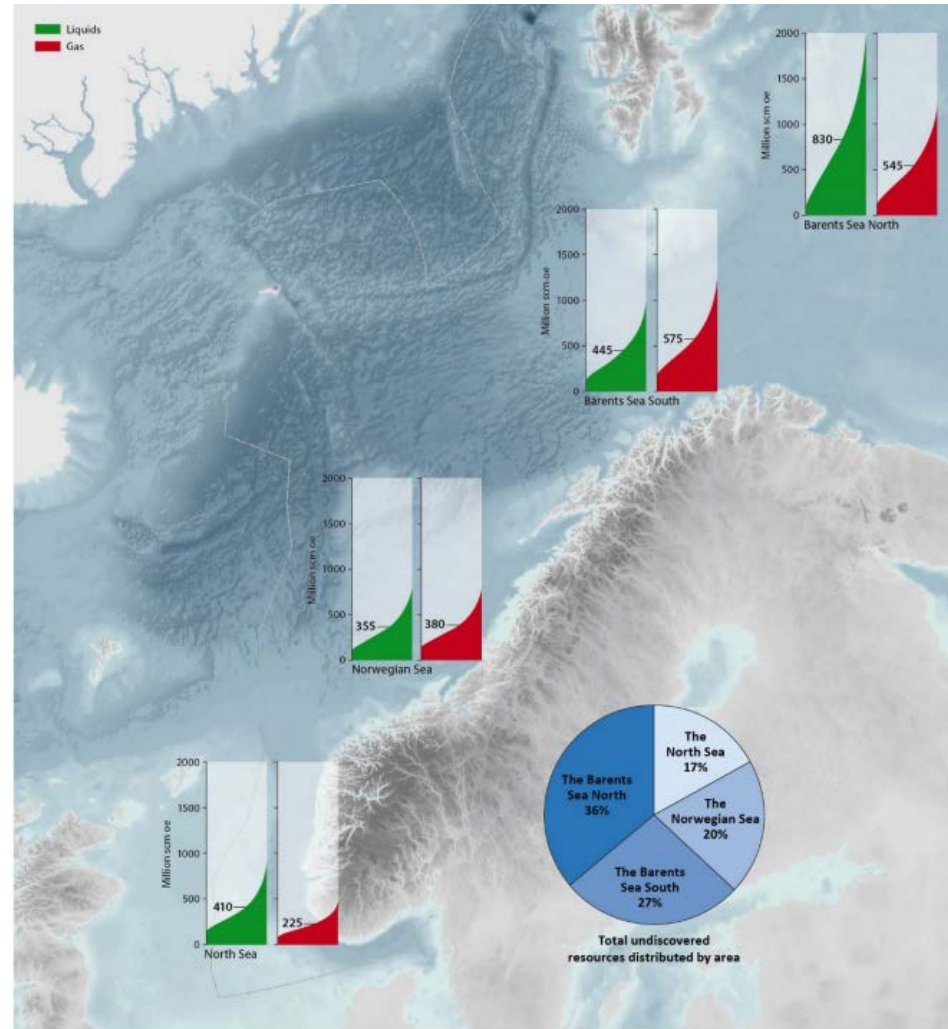
More to gain - fields



More to gain - discoveries

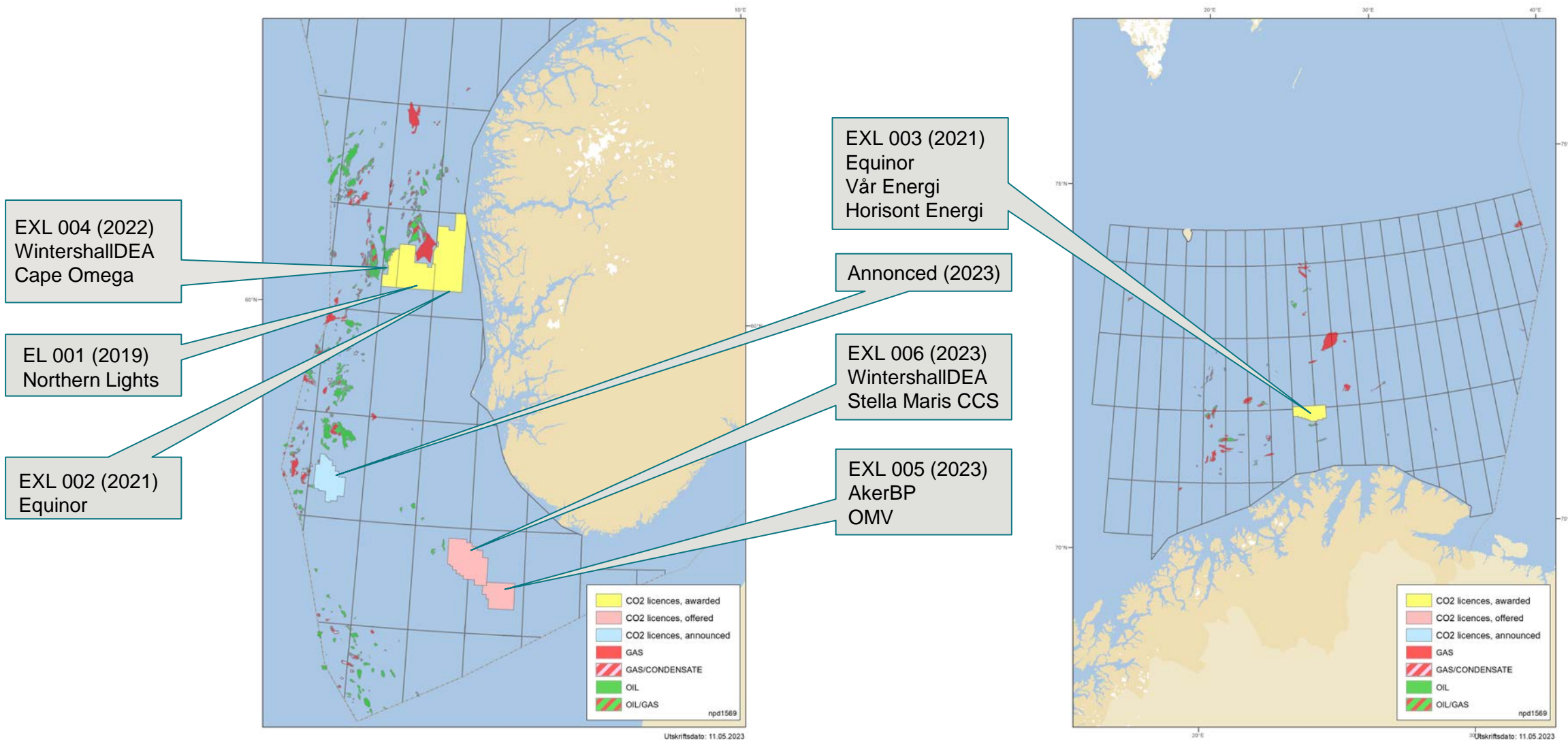


More to gain - undiscovered resources



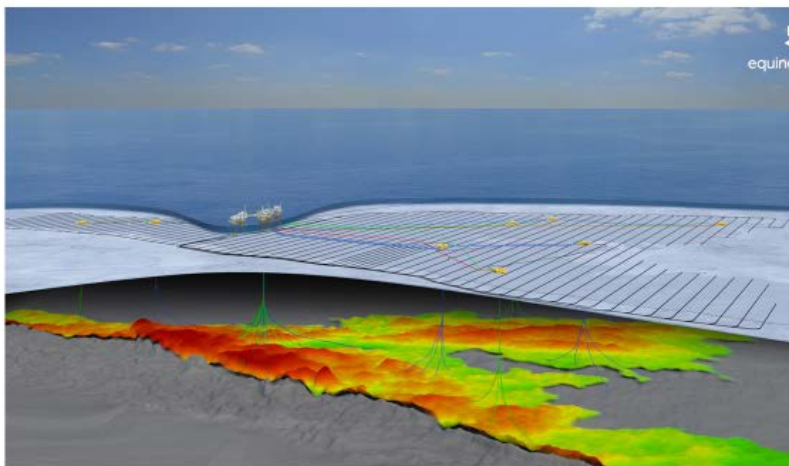
Source: NPD Ressource Accounts by 31.12.2022 (npd.no)

More to gain – safe CO2 storage



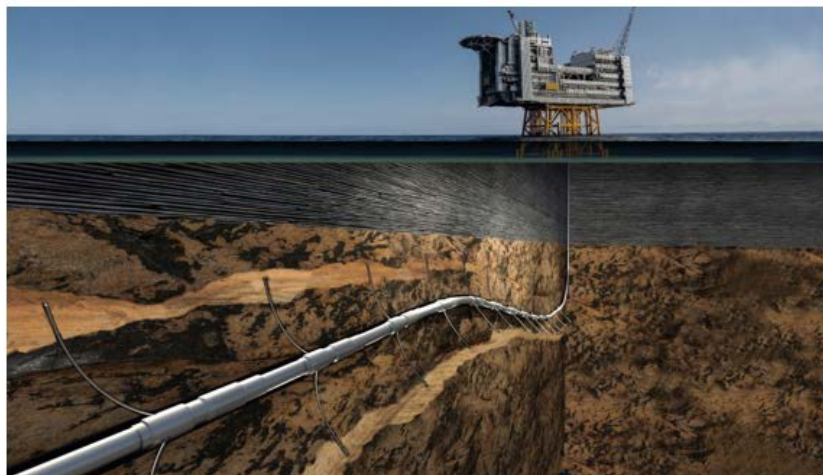
More to gain - technology

Subsurface data acquisition



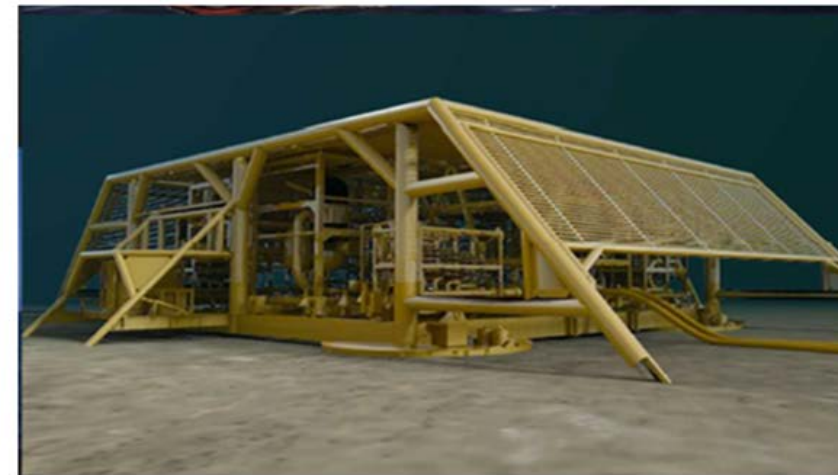
Source: Equinor

Challenging barrels



Source: AkerBP (Lundin)

Next generation production systems



Source: Equinor

Improve
Discovery

Increase
Recovery

Reduce
Emmision

TECHNOLOGY STRATEGY 1.1



SUBSURFACE DATA ACQUISITION

- New seismic source technology
- Ocean bottom seismic
- Reservoir surveillance
- Dynamic data acquisition

CHALLENGING BARRELS

- Waterbased EOR
- CO2 for IOR
- Water management
- Drilling and well technology

NEXT GENERATION PRODUCTION SYSTEMS

- Subsea processing
- All electric subsea
- Intervention technology for subsea wells
- Low emission power generation

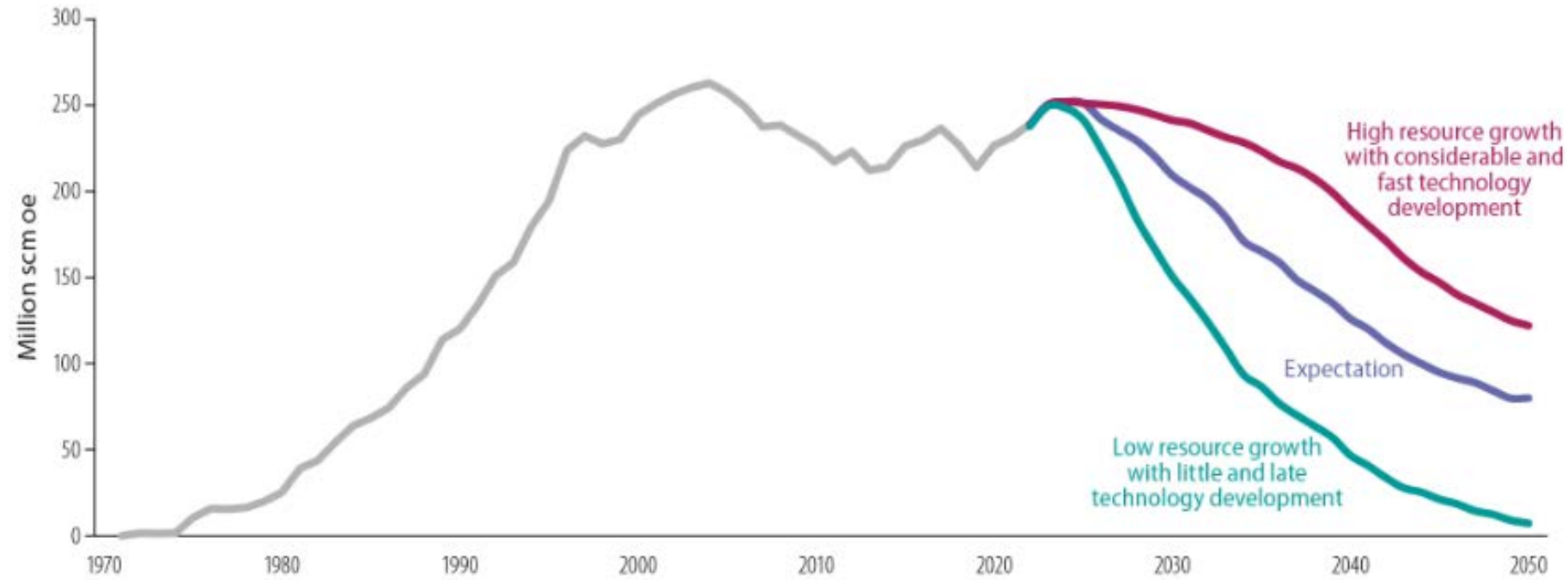
More to gain – data and digitalization



DISKOS 2.0

- Enable data analysis and processing
- Open API technology
- High degree of automatization
- Industry recognized standards

More to gain - summary



More to gain – don't miss out on the opportunities

A lot of

- Reserves to be produced
- Resources to be matured
- CO2 to be stored
- Technology to be used
- Data to be utilized



Thank you for your attention!

npd.no
factpages.npd.no/no
norskpetroleum.no

