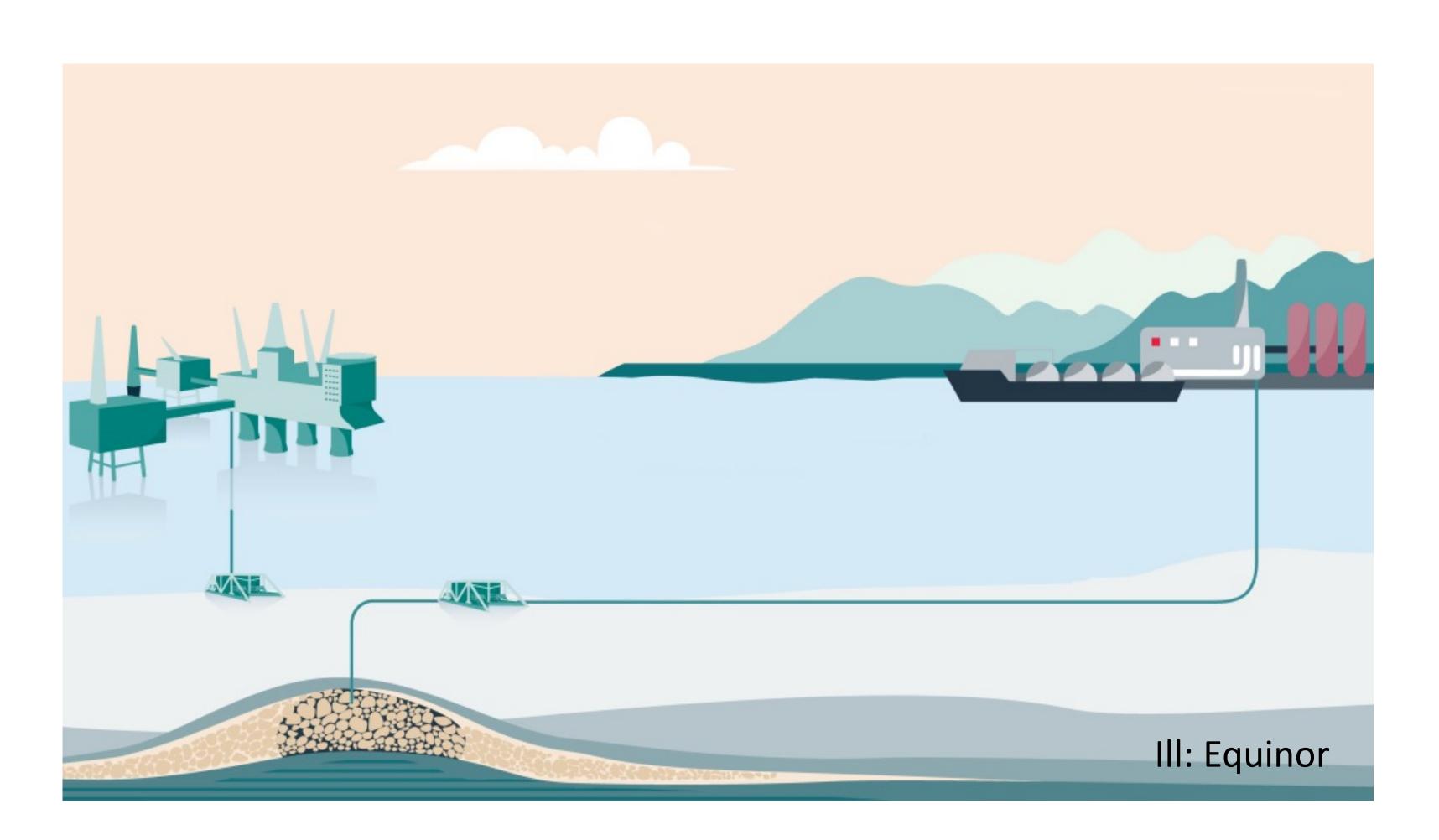




Update on CO₂DataShare



CO2DataShare

- SINTEF
- Equinor
- University of Illinois
- IEAGHG
- Gassnova CLIMIT
- US Department of Energy
- Sigma2
- The Norwegian CCS
 Research Centre NCCS

Value to the stakeholders

Data users

- Easy discovery and access to quality data
- Documentation for correct use
- Common ground for collaboration

Data owners

- Reduced cost of sharing, track statistics and assigned DOI to ease reference
- New insights, technologies and methods provided by others using data
- Visibility within CCS

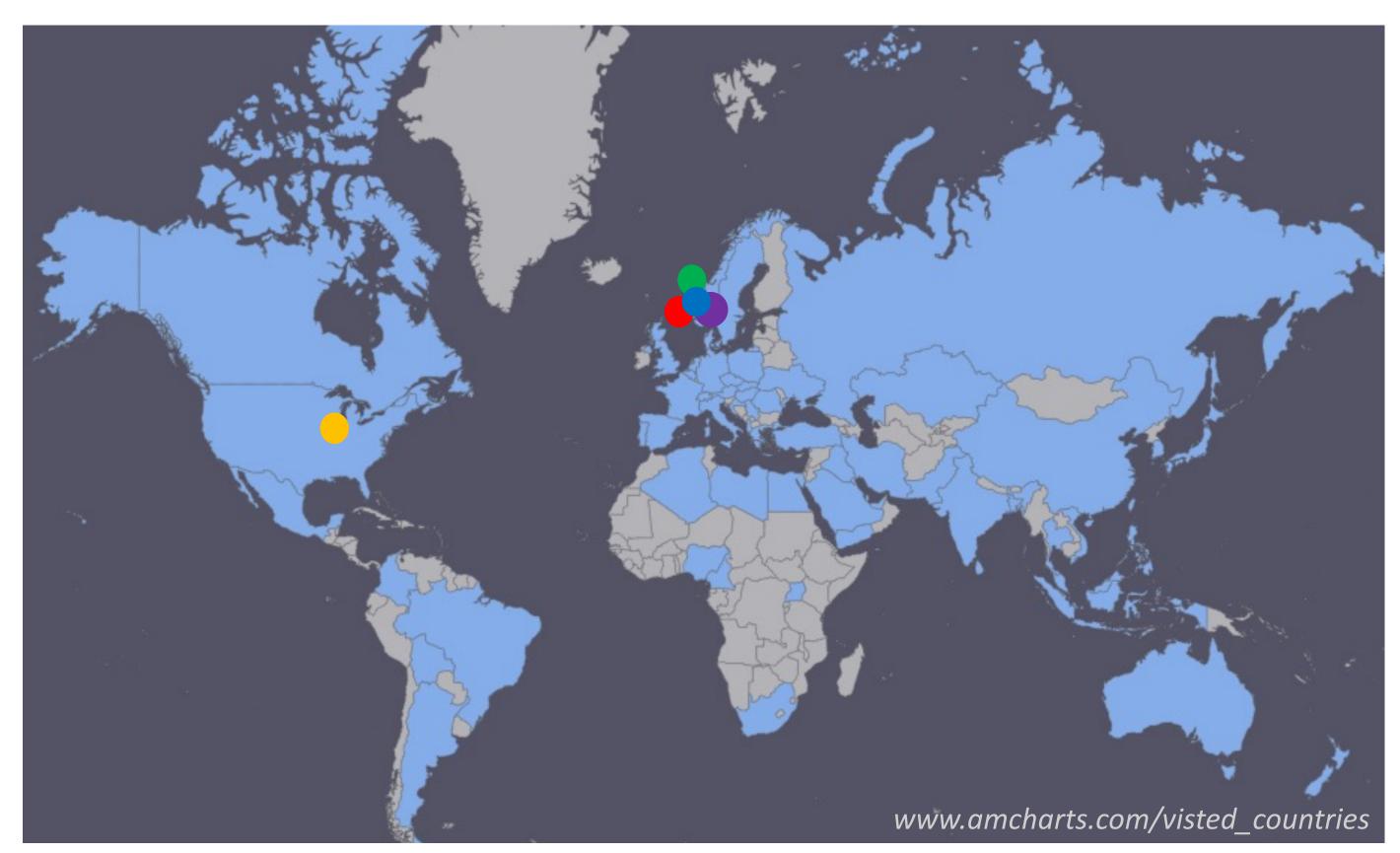
Society at large

- Boost R&D required to accelerate CCS deployment
- Data sharing from publicly funded projects
- Reproducible research
- Increased confidence and public acceptance





Great international interest in CO₂ storage data



More than 37 000 downloads recorded by >500 organizations/users (research and industry) across ~70 countries.

First scientific publications with reference to CO2DataShare are published.

Datasets shared

- Sleipner Seismic data and a benchmark model from the Sleipner CO2 storage project (Norway)
- Assessment of the potential CO2 storage site Smeaheia (Norway)
- 3D seismic data and micro seismic (USA)
- Johansen formation (Norway)
- Northern Lights geo mechanical data (Norway)

Stimulating data sharing through CETP

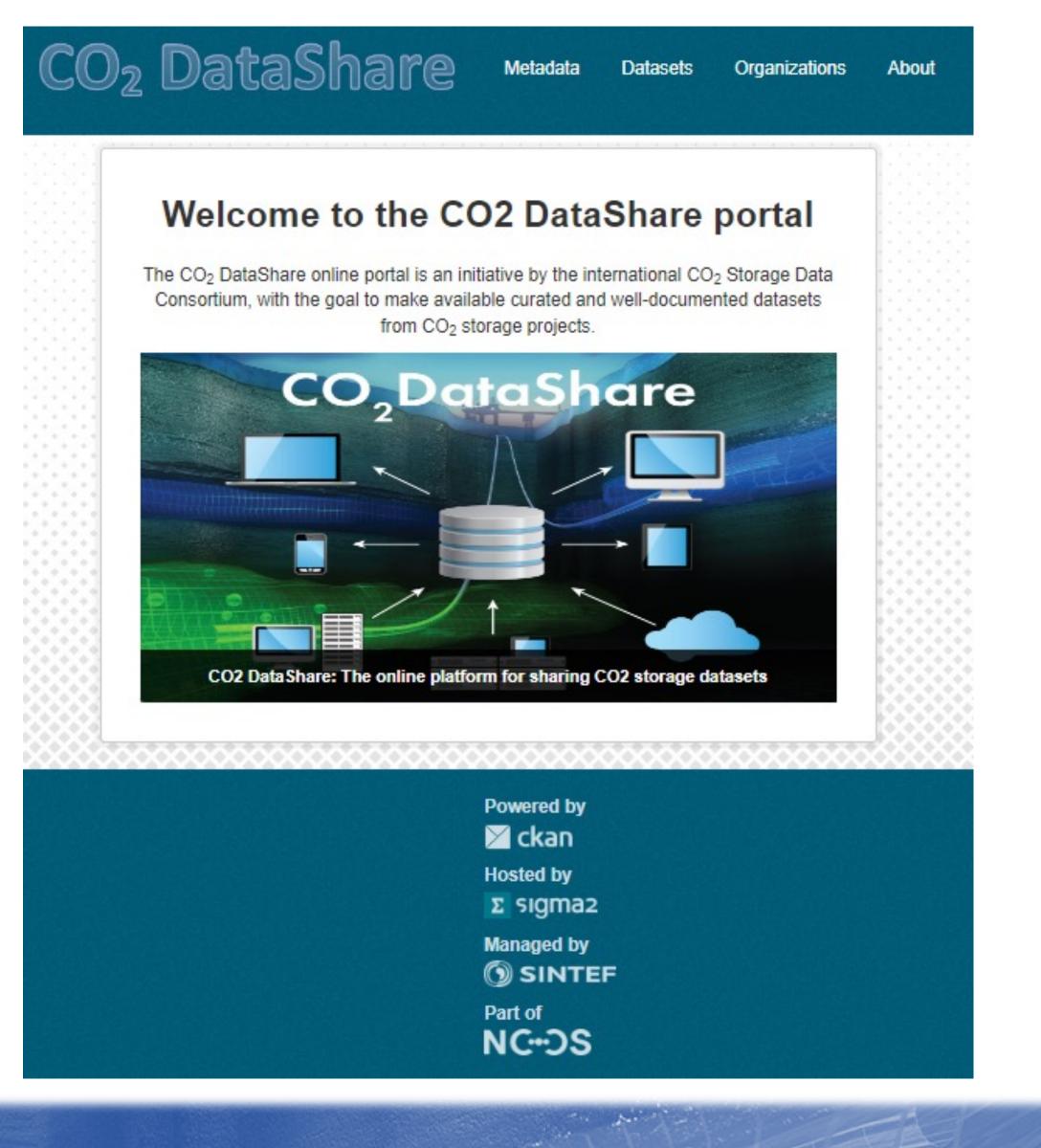




Next step: CO₂DataShare 2.0 Goal:

Advance and expand the current digital platform for data sharing

- Expand scope of portal to cover the whole CCS chain
- Enhance data sharing capabilities
- Establishing network activities
- Clarify relationship the European Open Science Cloud (EOSC cloud) and similar datasharing solutions
- Share new CCS datasets from Norwegian and international CCS initiatives



CO₂DataShare 2.0 Leveraging CO2DataShare for future innovations

- CO2DataShare shows great promise in providing relevant data
- The momentum for CCS research, development, and deployment is increasing and all the projects are generating data
- Curation of quality datasets from various projects into a single digital portal has advantages over data management at the project-level
- Short term: Plan to apply to the CLIMIT program for a 2-years project with financial backing from USDOE and NCCS
 - Funding of the portal operation and possibly preparation and sharing of new data seem to fall outside the CLIMIT mandate
- Long term: Need to identify viable plan for portal operation
 - > Currently lack a sustainable business model for data sharing





CO₂ Data Share – presentation at the USA-Norway CCUS bilateral meeting 2023

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