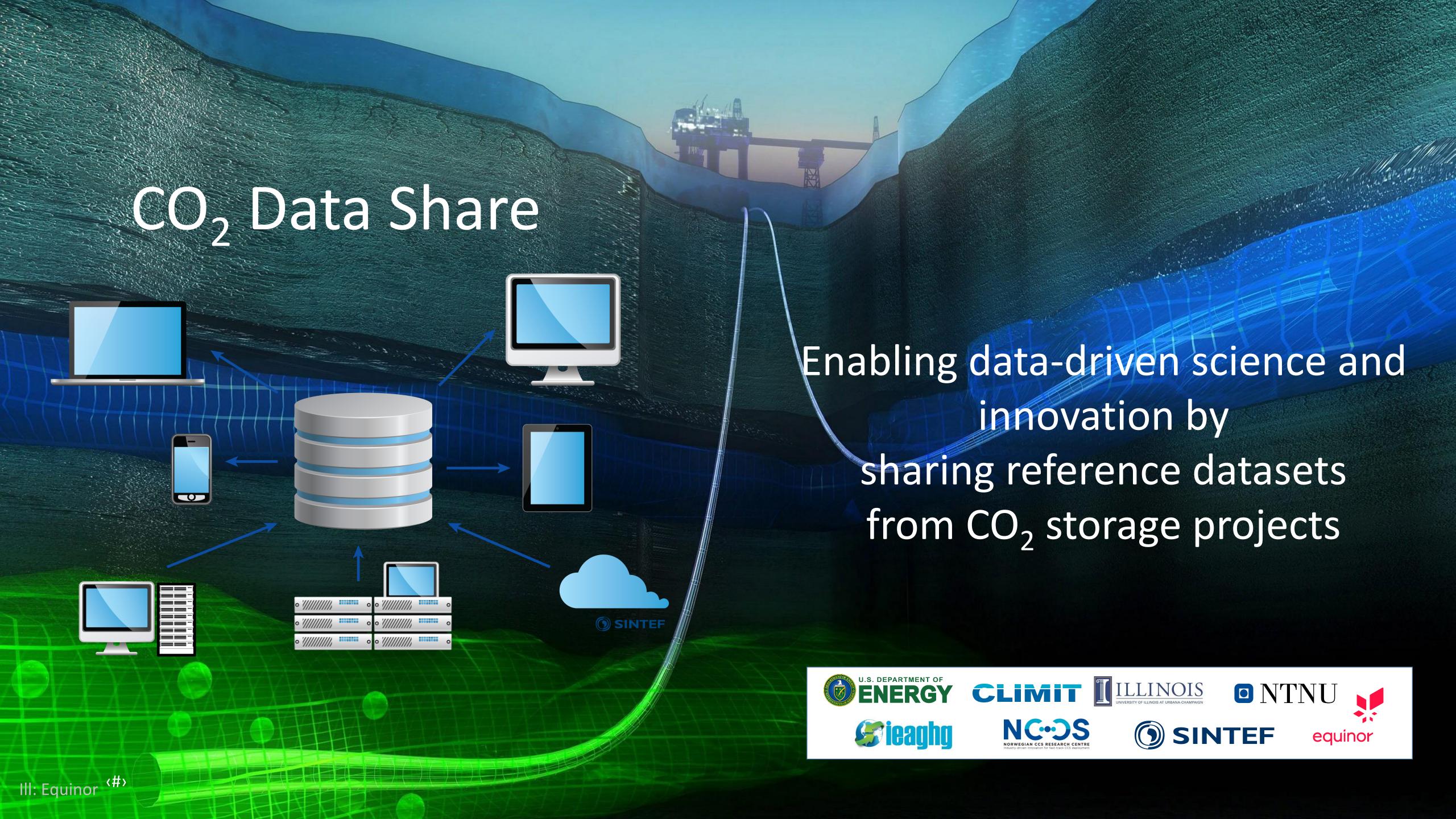
### The CO<sub>2</sub> Storage Data Consortium (CSDC):

# CO<sub>2</sub> Data Share Sharing reference datasets from CO<sub>2</sub> storage projects

Presentation at CLIMIT Summit Side event on CO<sub>2</sub> Storage US-Norway MoU Initiative

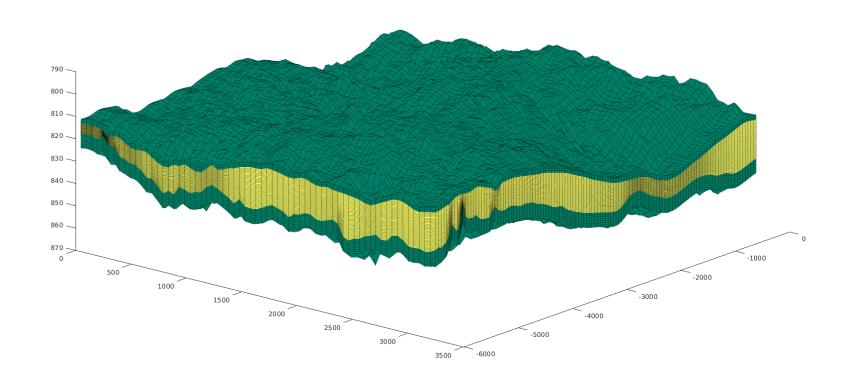
27. February 2019 Grethe Tangen, SINTEF Industry



## Homogeneous vs. heterogeneous datasets

The 2010 Sleipner Benchmark (size: 19 megabytes)

Reservoir simulation grid





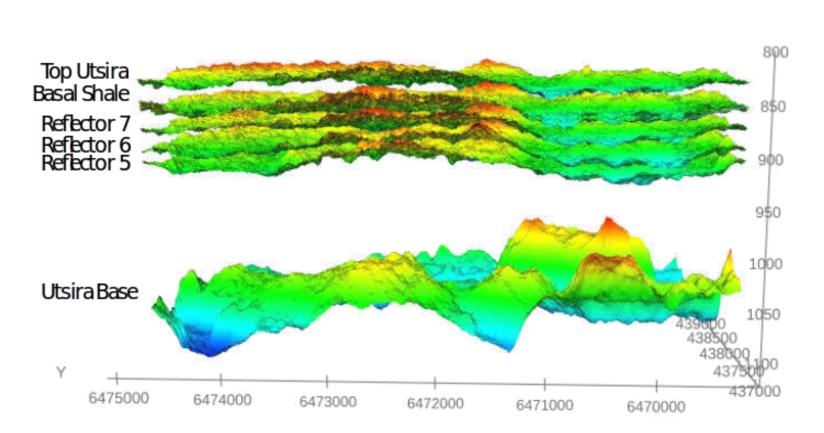
#### Definition of metadata

: data that provides information about other data

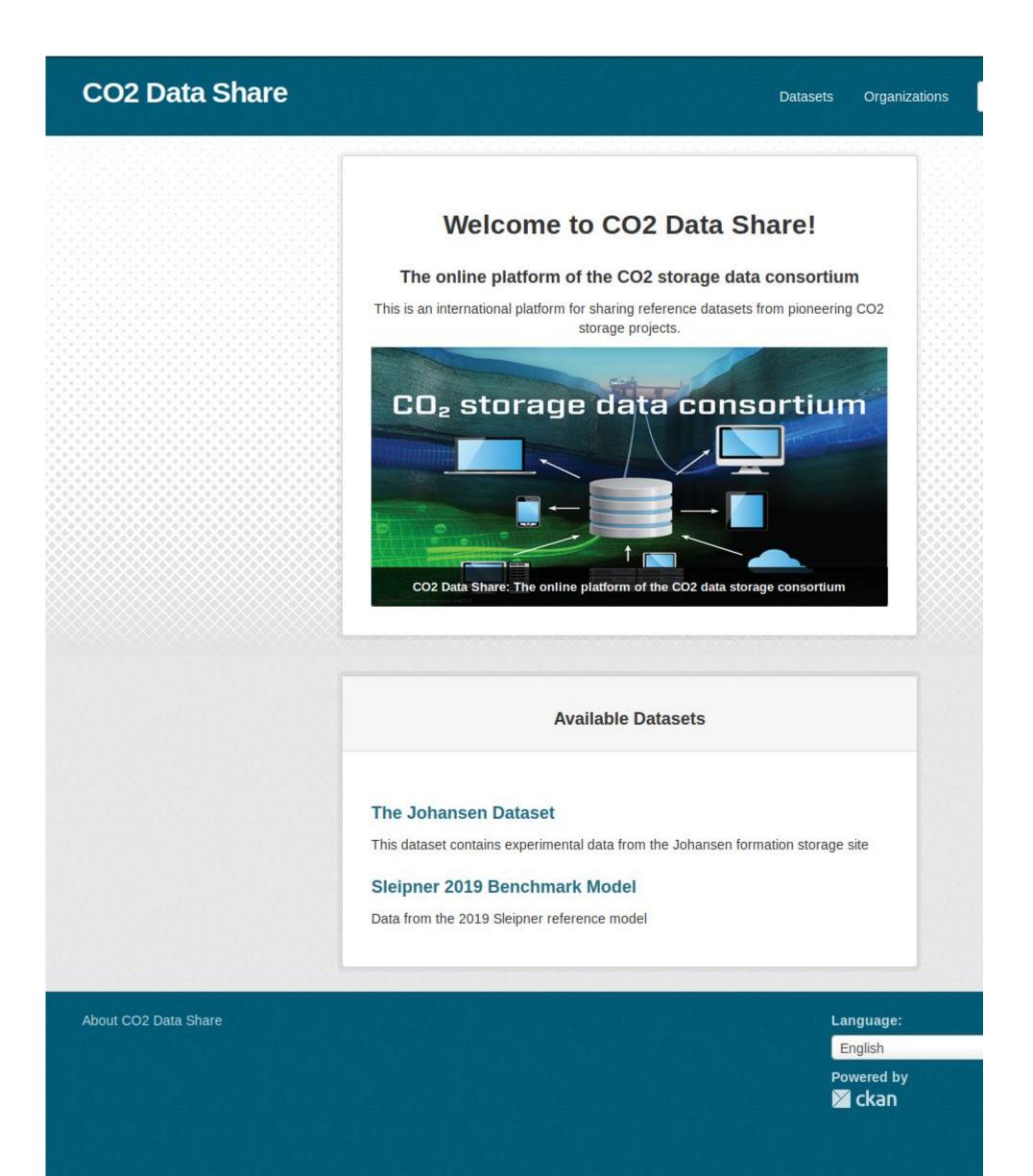
### The 2019 Sleipner Benchmark

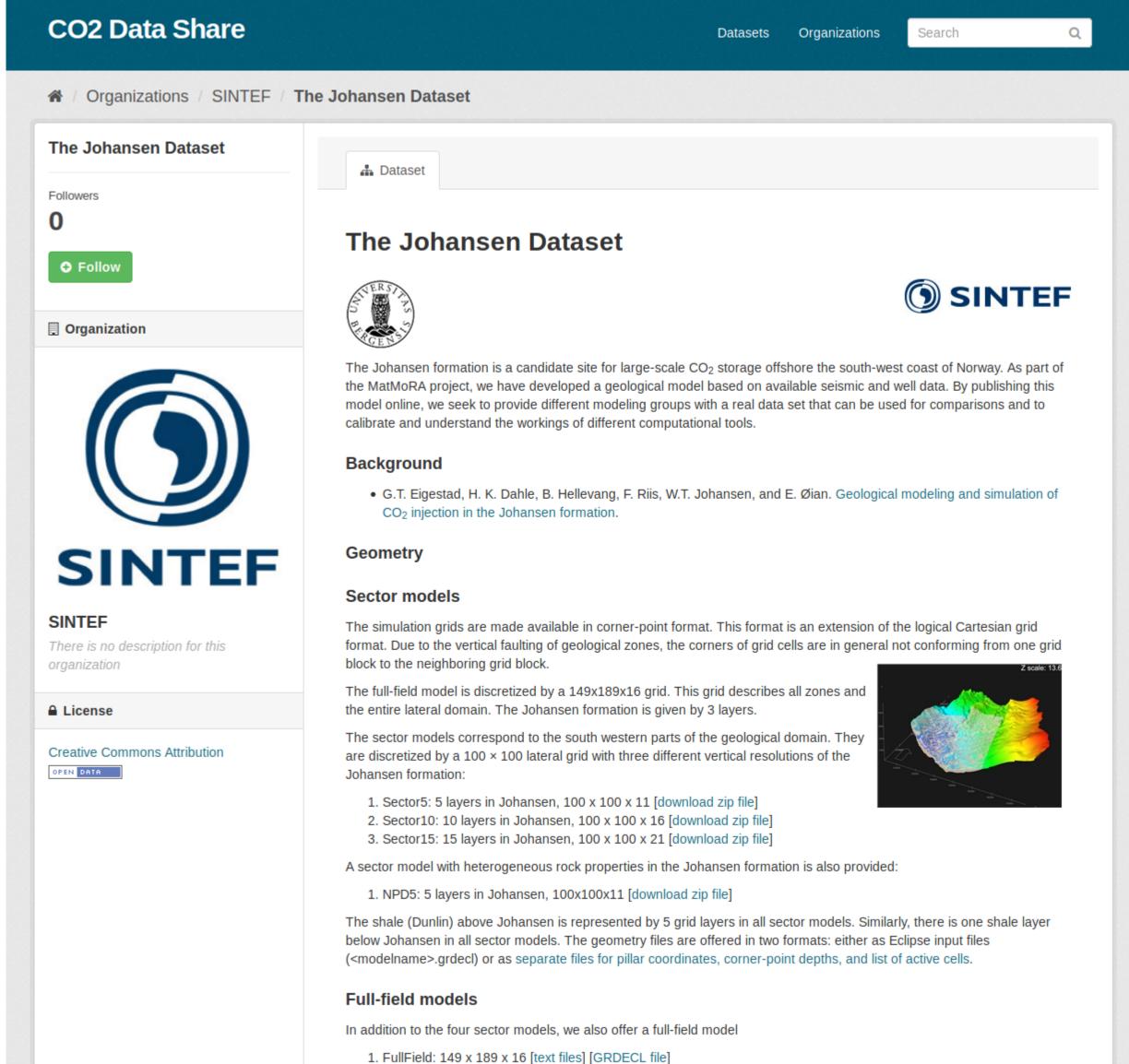
(size: 30 gigabytes)

- Well positions and logs
- Three interpreted horizons
- Processed seismic data
- Velocity model
- Injected CO<sub>2</sub> volumes
- Sleipner Reference Model grid

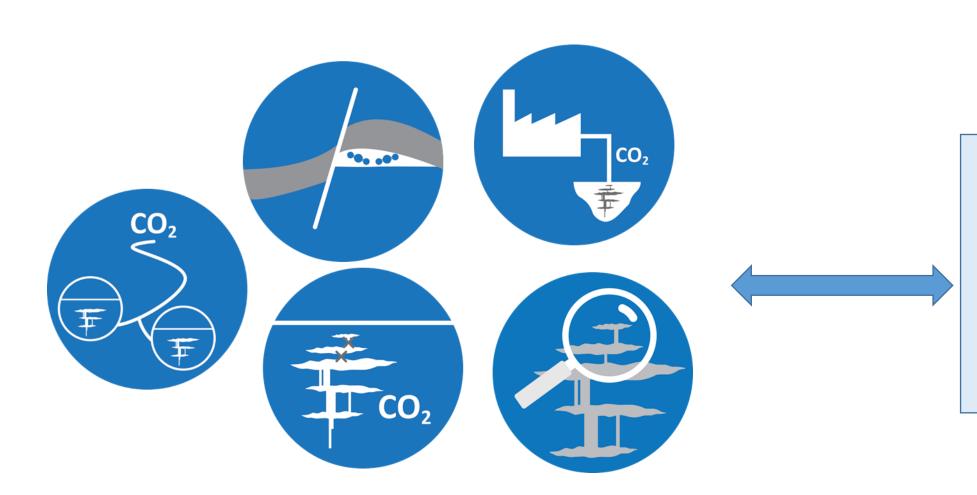


## Landing page - the portal to the data





## CO<sub>2</sub> Data Share Basic structure



### **Data providers**

Willing to share data from CO<sub>2</sub> storage projects

### **Data users**

CO<sub>2</sub> DataShare

Data preparation

Developing new knowledge, models, technology from available datasets

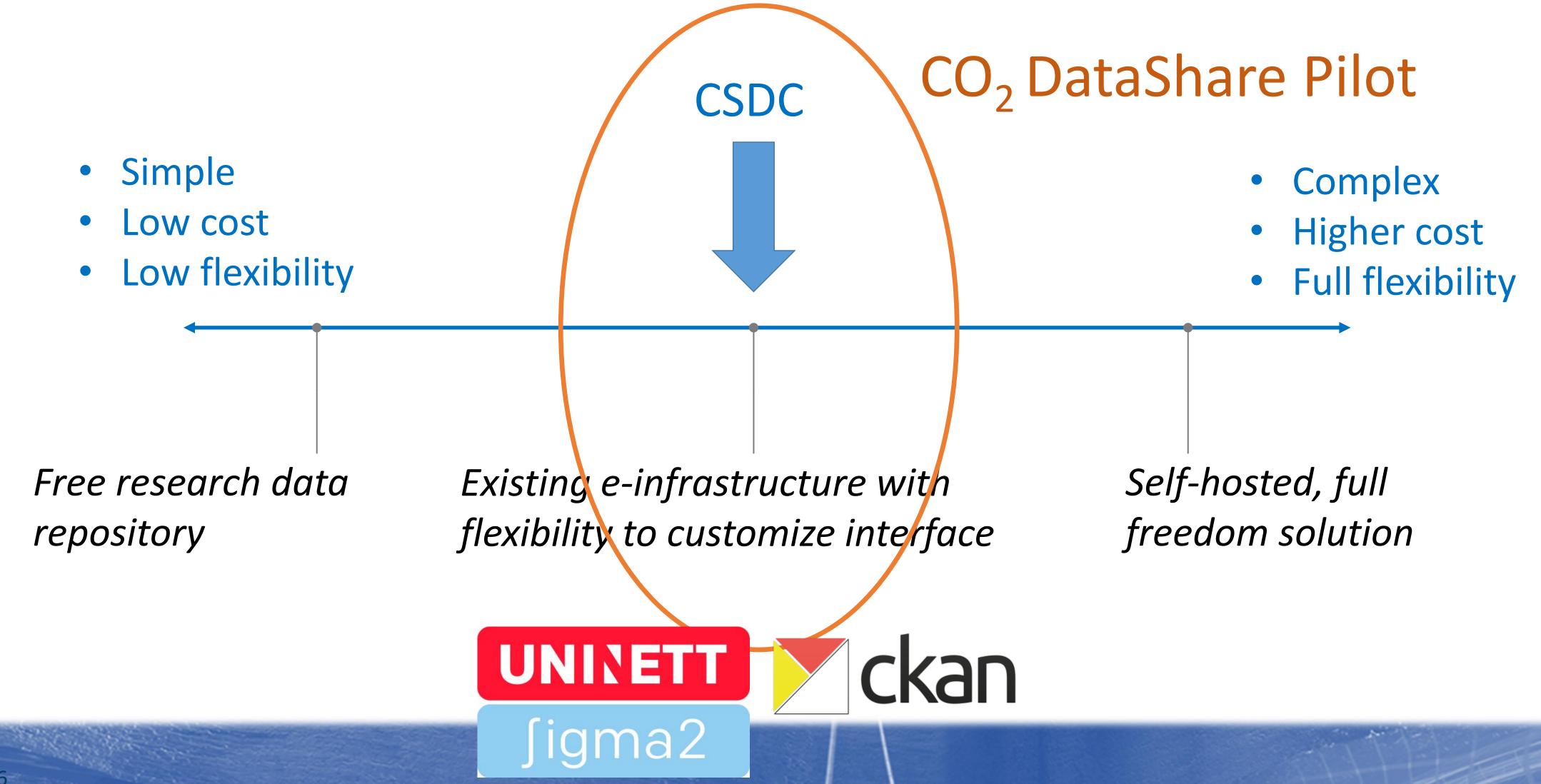


Sigma2

for hosting of CO<sub>2</sub> storage data



## Explored technical solutions for data sharing



## CO<sub>2</sub> Data Share – presentation 2019-02-27

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