Danish Offshore CO₂ Storage Project Bifrost





David Nevicato, CCS Bifrost Asset Manager, TotalEnergies Denmark

Investing in CO₂ storage capacities

To store the emissions of our assets and those of our customers

CCS for our assets

Reduce emissions from existing assets

- ✓ Ichthys (Australia) under study
- Cameron LNG (US) Hackberry Carbon Sequestration project under study
- ✓ Refineries

Avoid emissions in greenfield projects

✓ North Field East & South (Qatar)

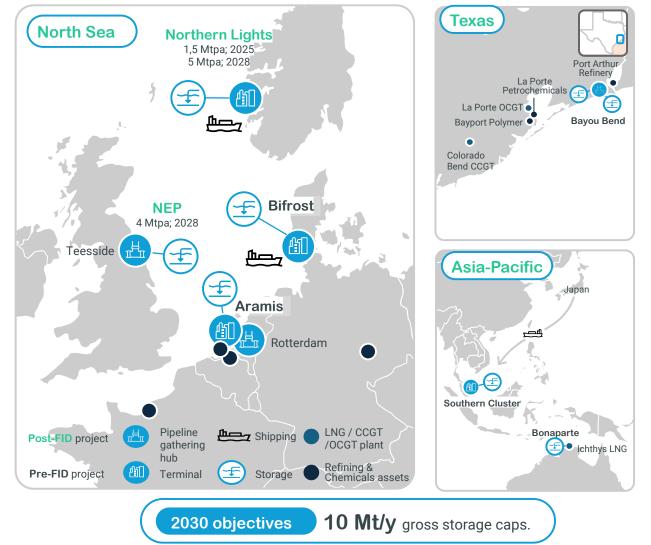
Offering CCS services

Offering CCS solutions to our customers

- ✓ North Sea core area
 - Construction completed: Northern Lights (Norway)
 - FID taken: NEP (UK)
 - Under development/study:
 - Aramis (NL, op.), Bifrost (Denmark, op.), Luna (Norway)
 - Focusing on our depleted assets and saline aquifers

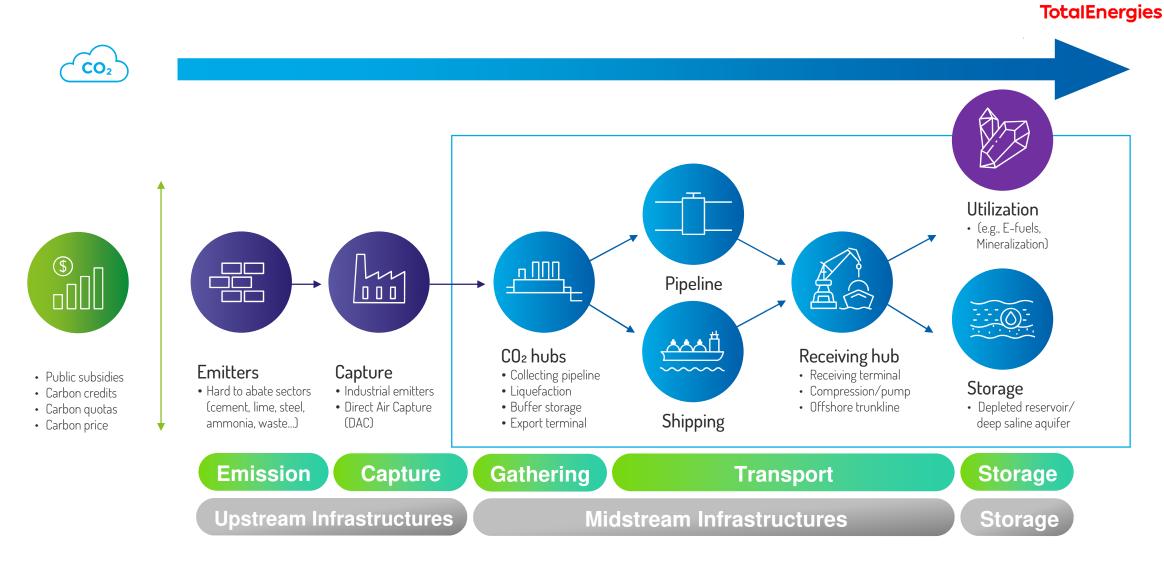
✓ Worldwide growth

o Bayou Bend (US), Southern Cluster (Malaysia)



CO₂ capture, transportation and storage chain

Building a safe, reliable and flexible chain for emitters



Leveraging large-scale DK storage potential

Becoming a global lead on CCS could realize 15MTPA potential from 2033+ and make Denmark a central hub for EU decarbonization.

Development of CCS cluster

- Bifrost : Harald depleted gas fields + Dagny saline aquifer exploration licences:
- ✓ Offshore cluster concept.

Onshore infrastructure

- ✓ Onshore infrastructure Denmark.
- Establishing Import / Export terminals.

3 Midstream - International Sourcing

- Engage with key emitters to de-risk sourcing, starting from industrial clusters.
- ✓ Germany, Poland, Baltic states, etc.
- ✓ Onshore infrastructure Germany.

