

Northern Lights – an industrial solution to an industrial problem



LONGSHIP

CO₂ capture

Capture from industrial plants.
Liquefaction and temporary storage.



NORTHERN LIGHTS SCOPE

Transport

Liquid CO₂
transported by ship.



Receiving terminal

Intermediate onshore storage.
Pipeline transport to offshore
storage location.



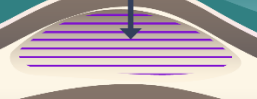
Permanent storage

CO₂ is injected into a saline aquifer.



100 km

2 600 m





Challenge: Value of CCS chain is determined by the cost of emission

Customer's alternative to CCS is to emit the CO₂, and pay the emission cost

- CCS chain is a nascent business, markets and competition need to mature
- Scaling effects will increase efficiency in the longer term
- Today's business case in Europe needs to be strengthened by subsidies, green product price premiums and voluntary credit market

Emitter will decide based on:

