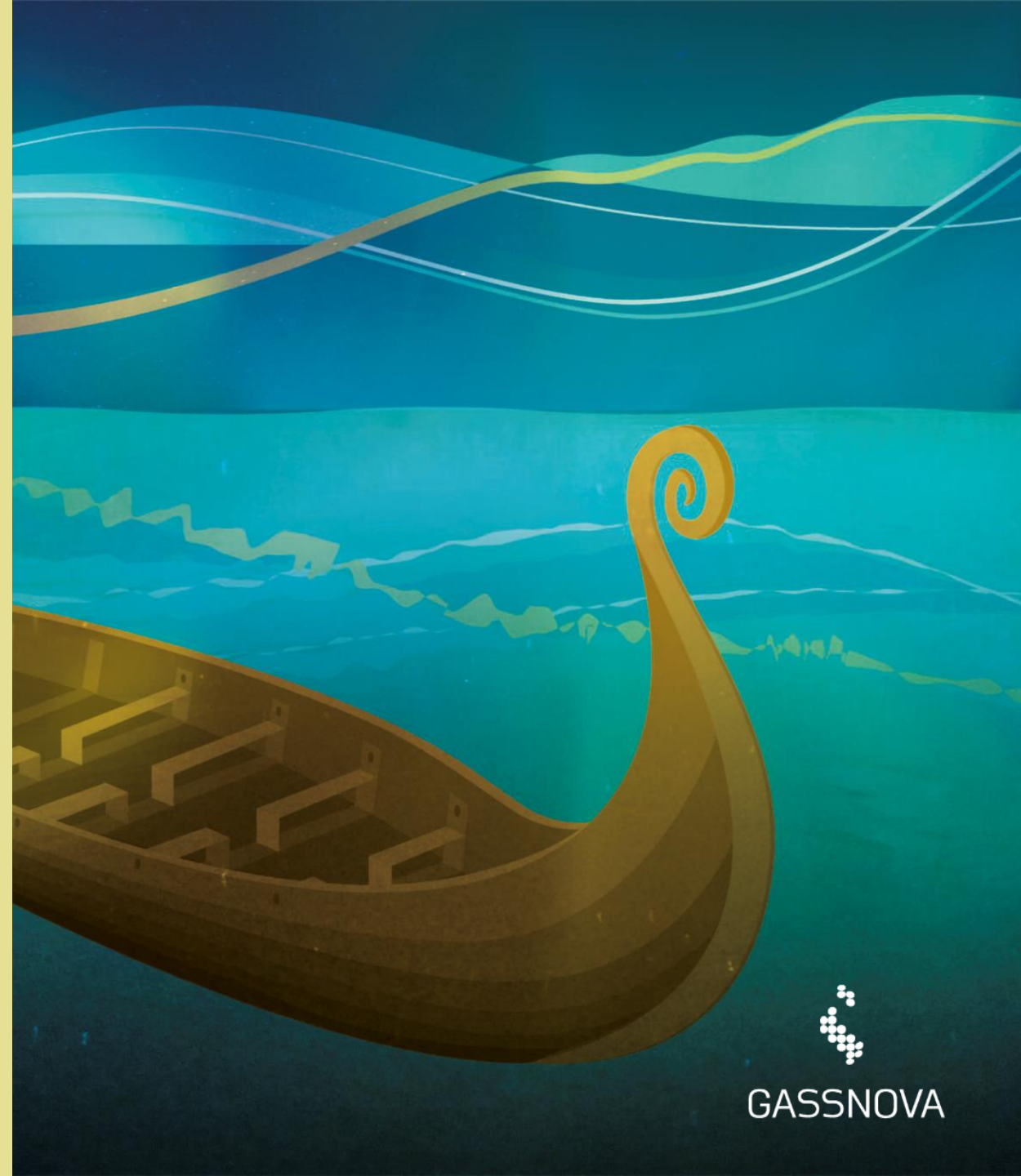
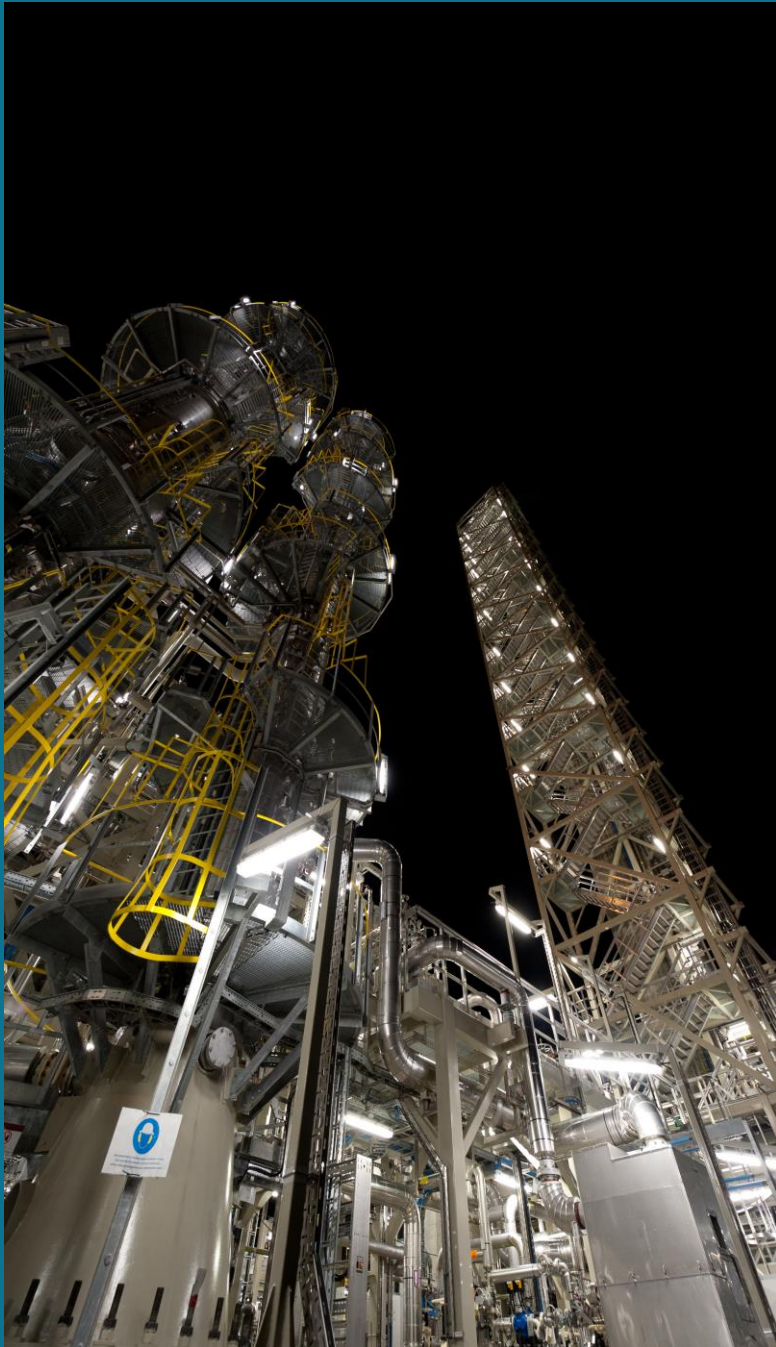


Overview of Longship

27th of September 2022



GASSNOVA



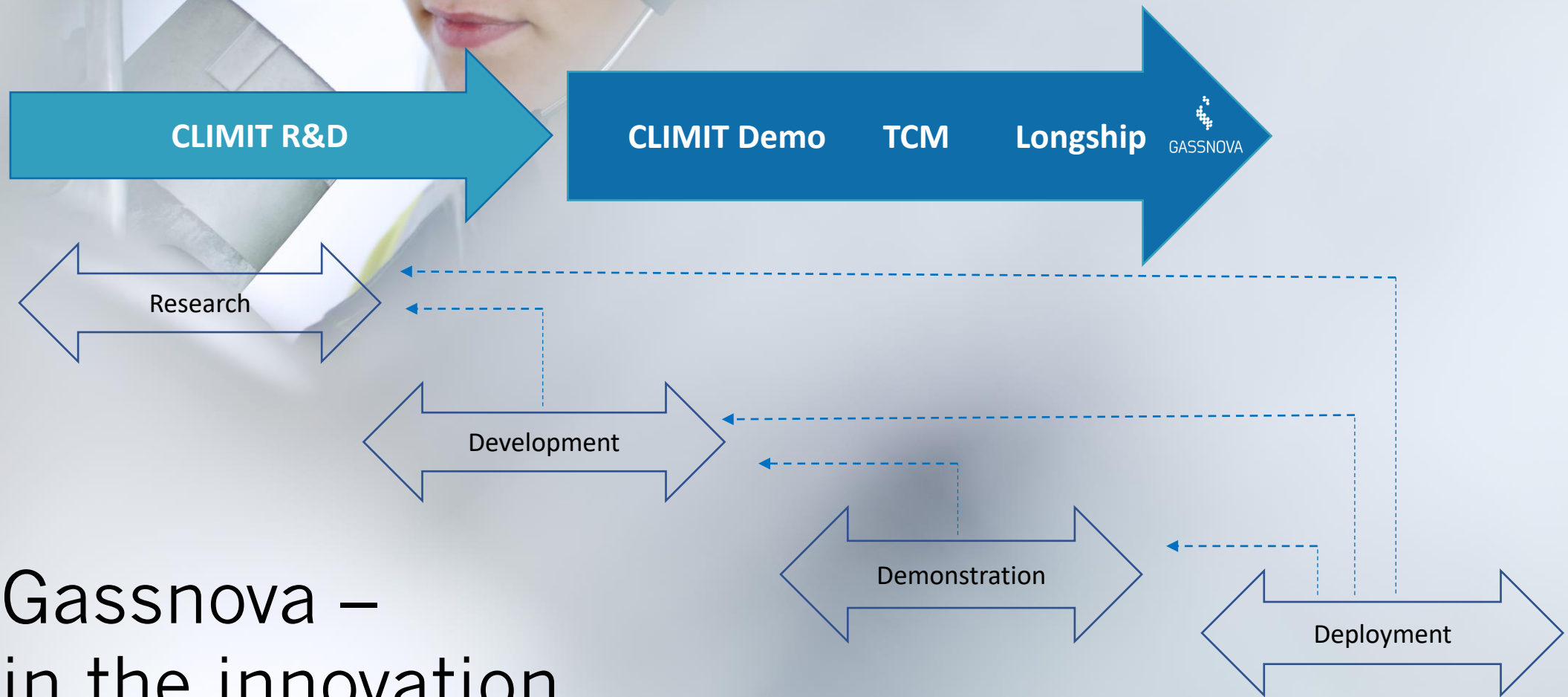
Gassnova - facts

Established 2005

Owned by the state (Ministry of Petroleum and Energy)

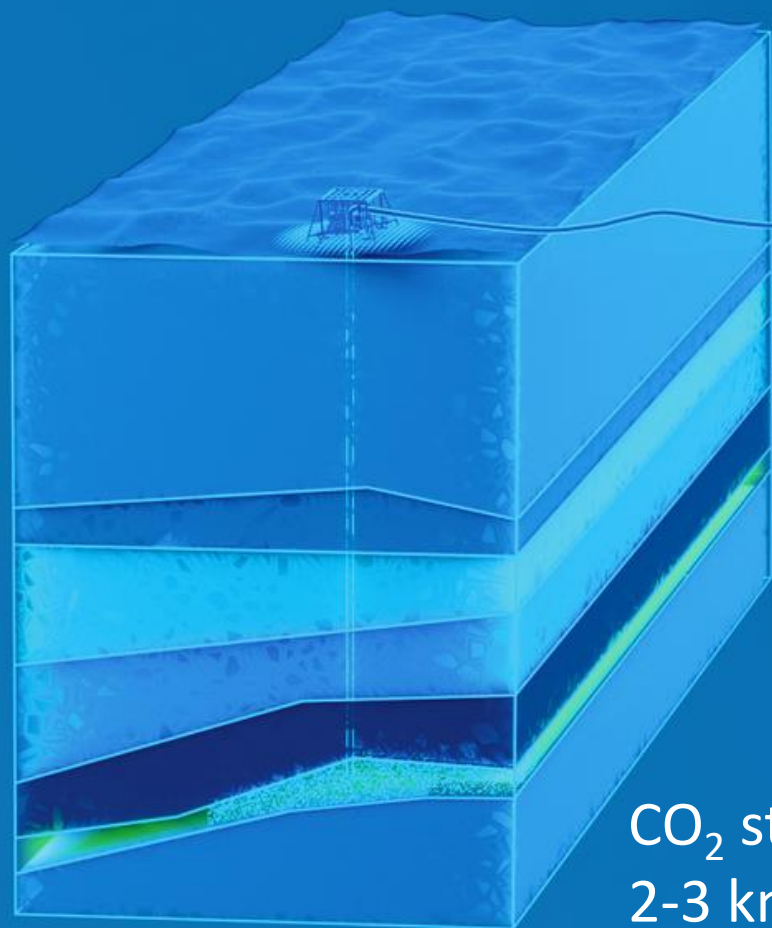
Approx. 40 employees

Gassnovas mission: Facilitate development of technology and competence to ensure cost efficient CCS solutions

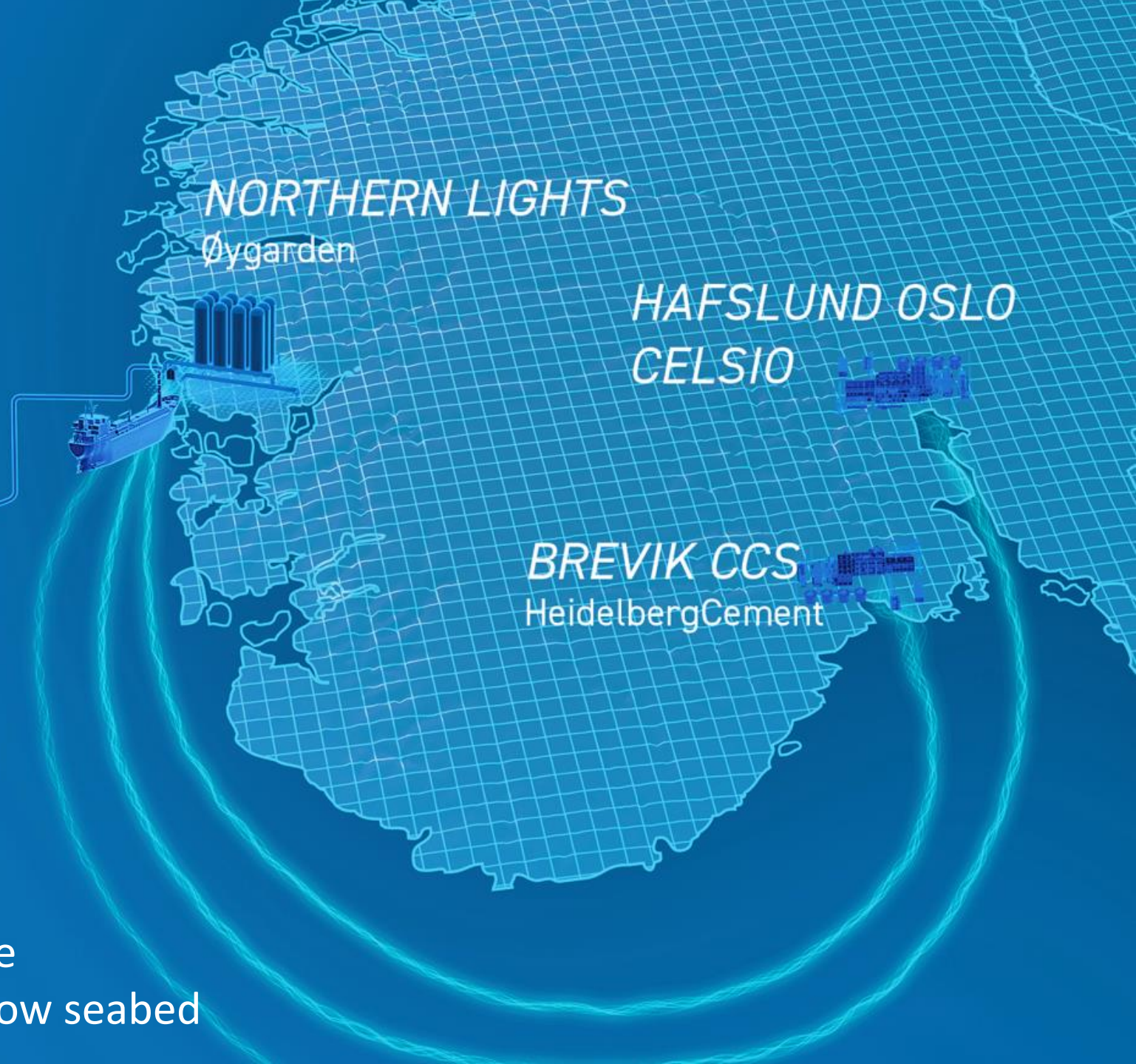


Gassnova – in the innovation system for CCS

Longship



CO₂ storage
2-3 km below seabed



NORTHERN LIGHTS

Øygarden

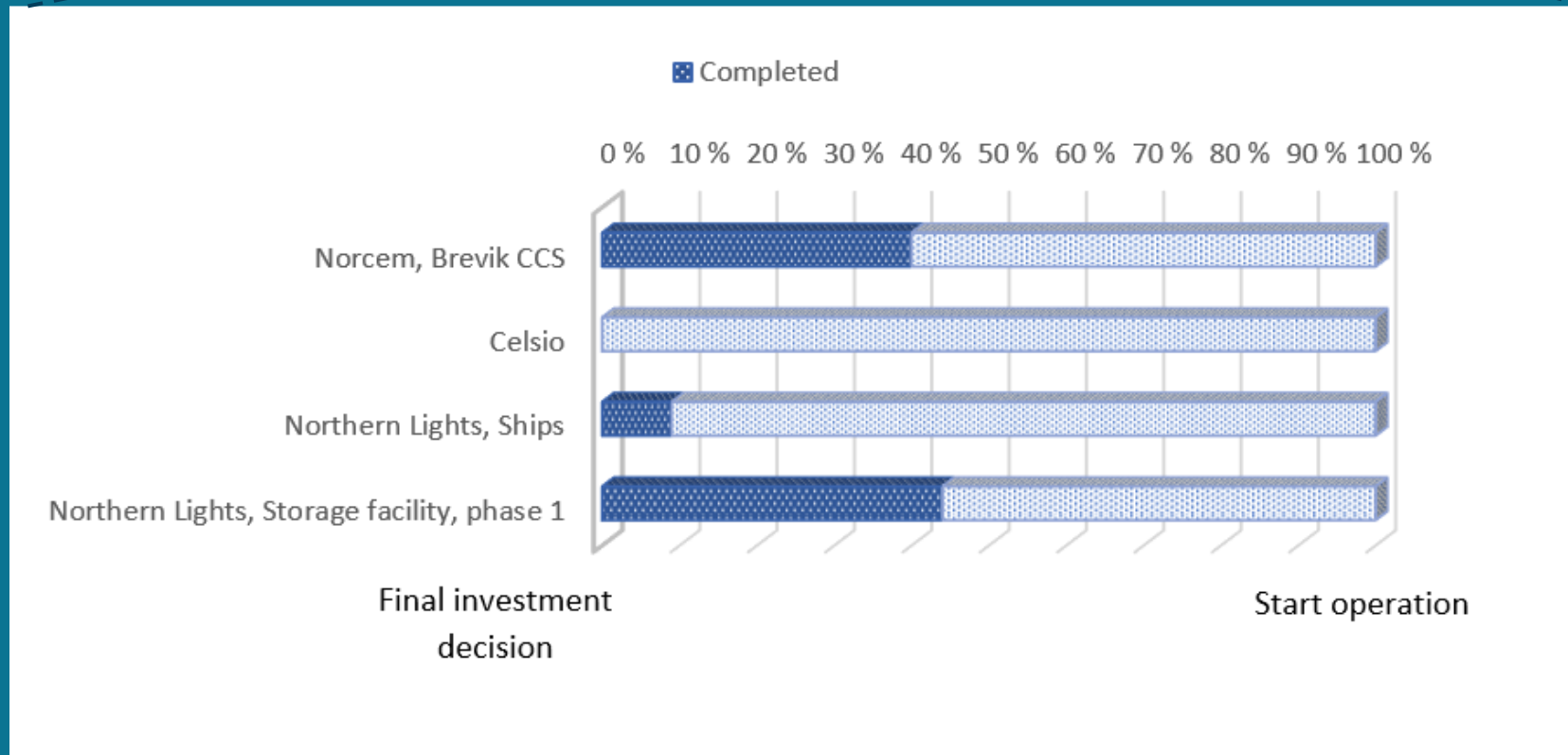
HAFSLUND OSLO

CELSIO

BREVIK CCS

HeidelbergCement

Overall - current status of Longship (summer 2022)



The paramount goal of Longship

The demonstration of CCS shall provide the necessary development of CCS to ensure that Norway and the EU's long-term climate targets can be achieved at the lowest possible cost.

Impact goals

Longship shall:

Generate knowledge to show that full-scale CCS is feasible and safe

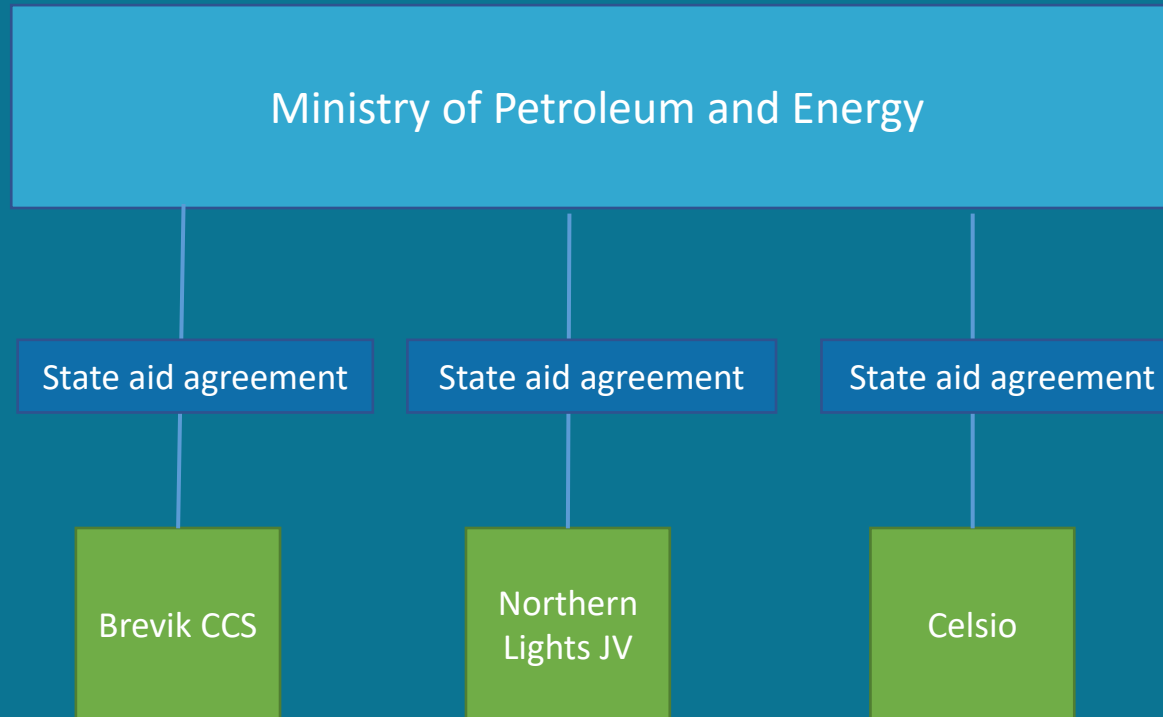
Provide productivity gains for forthcoming projects through learning and economies of scale effects

Provide learning related to regulation and incentivisation of CCS activities

Facilitate business development

Benefits realisation work to increase likelihood of achieving goals and monitoring developments

Public-private cooperation in Longship



Gassnova's roles:

Administer the state aid agreements on behalf's of the MPE

Project follow up

Technical follow up

Benefit realisation

- ccsnorway.com
 - Feed studies and other study documents
 - LCA/CO2-footprint analysis
 - Cost reduction analysis
 - HSE-related studies
 - Lessons learned reports

DEVELOPING
LONGSHIP
KEY LESSONS
LEARNED

REGULATORY
LESSONS
LEARNED
FROM
LONGSHIP

The public sector's
involvement in Europe's
first industrial CCS chain

GASSNOVA 

Experiences from the Norwegian
Full-scale CCS Demonstration project

GASSNOVA 