From Sleipner to Northern Lights and beyond – CCS becoming commercial!







Sleipner – We have been doing CCS for 25 years!



Stavanger Aftenblad 23. August 1996

2 | Open

Next up: shaping the European future of CCS and clean hydrogen

Competitive edge founded on experience, infrastructure and customers.



15-30 MTPA

CO₂ transport and storage equity share by 2035 >25%

CO₂ transport and storage market share in Europe by 2035 3-5 MAJOR INDUSTRIAL CLUSTERS

Clean hydrogen projects by 2035

>10%

Clean hydrogen market share in Europe by 2035

3 | Open

Progressing and growing the Low Carbon project funnel



Decarbonisation seaments

Significant progress since CMD21

Northern Lights

- More than 30% complete
- 4 customers selected for EU funding

Northern Endurance Partnership

 Selected as 1 of 2 first CO₂ transport and storage projects in UK

Barents Blue

- Awarded up to USD 54 million in government funding

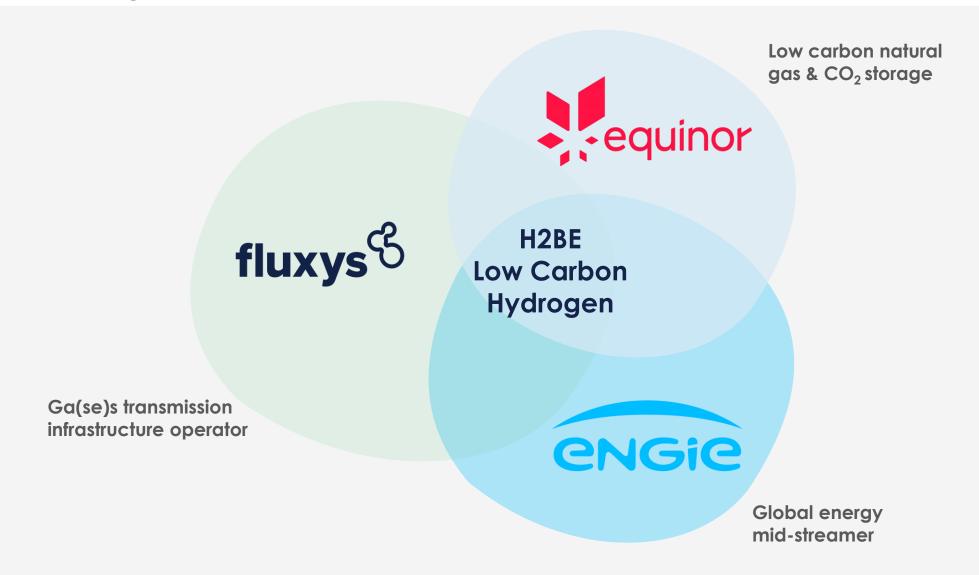
New projects since CMD21

- US Tristate
- Hydrogen to Belgium (H2BE)

			Decarbonisation segments			
Project name	Project type	Country	Industry	Power	Heat	Transport
Northern Lights (NL)	Infrastructure	NO	•			
Northern Endurance (NEP)	Infrastructure	UK	•	•	•	•
H2H Saltend	H2 fuel switch	UK	•	•	•	•
Net Zero Teesside (NZT)	CCGT+CCS	UK		•		
Keadby 3	CCGT+CCS	UK		•		
Peterhead	CCGT+CCS	UK		•		
Keadby Hydrogen (2/4)	H2 fuel switch	UK		•		
H21	H2 fuel switch	UK	•		•	
H2M Magnum	H2 fuel switch	NL		•		
NortH2	Green hydrogen	NL, BE, DE	•			•
H2morrow Steel	H2 feedstock switch	DE	•			
Liquid Hydrogen Maritime	Green hydrogen	NO				•
Clean Hydrogen to Europe	H2 fuel switch	NO	•	•	•	•
Barents Blue	Blue ammonia	NO	•			•
US Tristate	CCS+CCGT+H2	US	•	•		•
Hydrogen to Belgium (H2BE)	H2	BE	•			

Long-term partners joining forces to realise the Belgian energy transition











H2BE

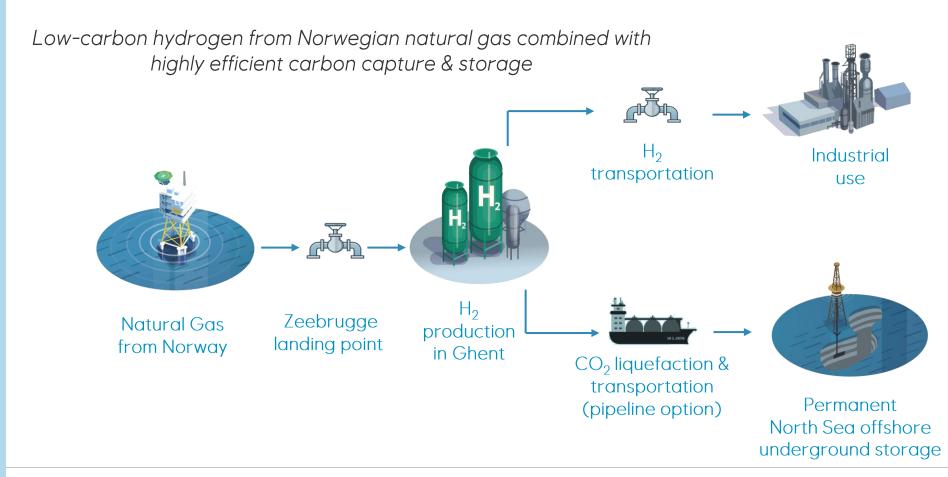
1 GW H_2 capacity

1 B€ investment

~ 2-5 Mt CO₂/y abated*

~ 300 permanent jobs

Reliable, Affordable and Available hydrogen supply at scale before 2030



H2BE project

Moving towards Clean Hydrogen



Invest in low-carbon hydrogen now to develop an H₂ ecosystem integrating production, networks and end use equipment.

By creating the conditions for a competitive H₂ market, we accelerate towards renewable hydrogen.

H2 GREEN

23.02.2022

Belgium and Norway sign energy cooperation: "Important step in forging North Sea coalition"



17.03.2022

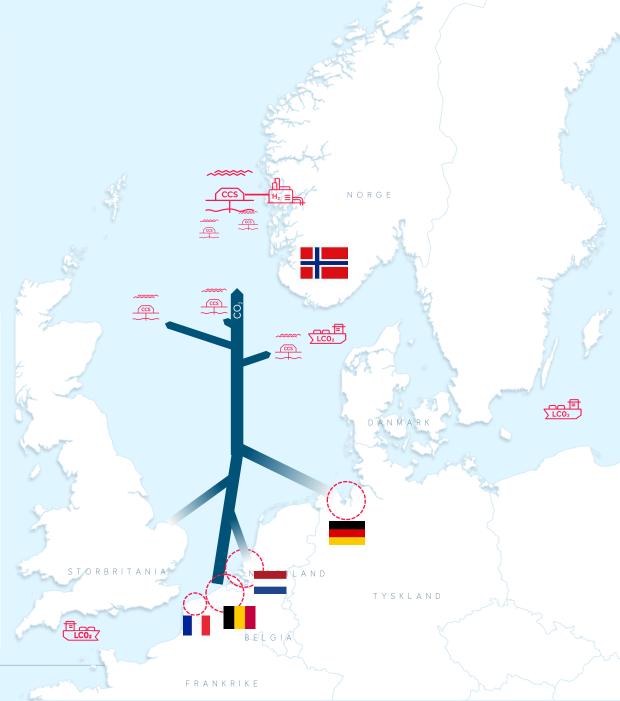


The Region of Flanders and Norway join forces in the energy transition

Press release | Date: 17/03/2022

...they aspire to conclude a bilateral agreement within the framework of the London protocol before the end of the year, so that CO2 transport between Flanders and Norway can soon be a reality.

...Flanders and Norway share the same ambitions when it comes to hydrogen...implementing various joint projects. One such project is "H2BE" where Equinor, Engie and Fluxys are looking into the possibility of realizing a 1 gigawatt low carbon hydrogen production facility in the Ghent port area in Flanders.





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