



Pioneering BECCS Initiatives in Northern Europe

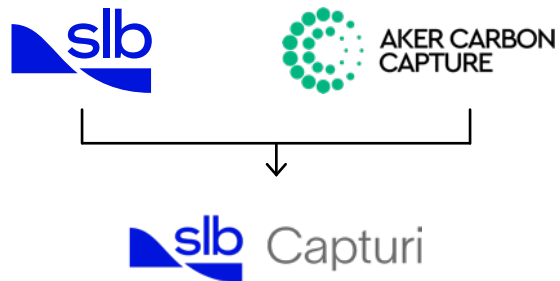
6 May 2025

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Making carbon capture a reality today

Enabling a decarbonization path for hard-to-abate industries and energy solutions.

Building on technology innovation and the experience of seven carbon capture units being delivered.



Modular Approach vs Bespoke Design



Just Catch™

- Small footprint
- Cost efficient
- Delivery time: 22-30 months



Big Catch™

- Tailormade design
- Optimal heat integration
- Mega scale
- Delivery time: ~36 months

Delivering carbon capture solutions today



TWENCE CCU

Waste-to-energy,
Netherlands

Just Catch™ 100

Capacity: 100,000 TPA



BREVIK CCS

Cement plant,
Norway

Big Catch™

Capacity: 400,000 TPA



KALUNDBORG CCS

Power stations,
Denmark

5 x Just Catch™ 100

Capacity: 500,000 TPA



OSLO CCS

Waste-to-energy,
Norway





Just Catch™ 400

Capacity: 400,000 TPA

From drivers and incentives to project implementation

Projects	Project enabling drivers
 <p>TWENCE CCU Waste-to-Energy, Netherlands Just Catch™ 100 Capacity: 100,000 TPA</p>	 
 <p>BREVIK CCS Cement plant, Norway Big Catch™ Capacity: 400,000 TPA</p>	  
 <p>KALUNDBORG CCS Biomass Power stations, Denmark 5 x Just Catch™ 100 Capacity: 500,000 TPA <small>image: Ørsted</small></p>	 
 <p>OSLO CCS Waste-to-Energy, Norway Just Catch™ 400 Capacity: 350,000 TPA</p>	  

Business case and policy drivers

	CDR credits
	Avoidance of EU ETS (or option to sell/keep free allocations) and/or local CO ₂ tax
	Green premium products or sale of CO ₂
	Available subsidies/funding opportunities
	Tax credits (where applicable)

Delivered: Twence CCU



- Capture capacity: 100,000 tonnes CO₂ per year
- First of a kind modular carbon capture project
- CO₂ will boost local greenhouse production

Waste to energy

Twence, Netherlands



Delivering: Kalundborg CCS

- Design capture capacity of 500,000 tonnes CO₂ per year
- Five Just Catch™ units at wood chip-fired Asnæs Power Station and straw-fired Avedøre Power Station
- First full-scale CCS value chain in Denmark

Power stations

Ørsted, Denmark



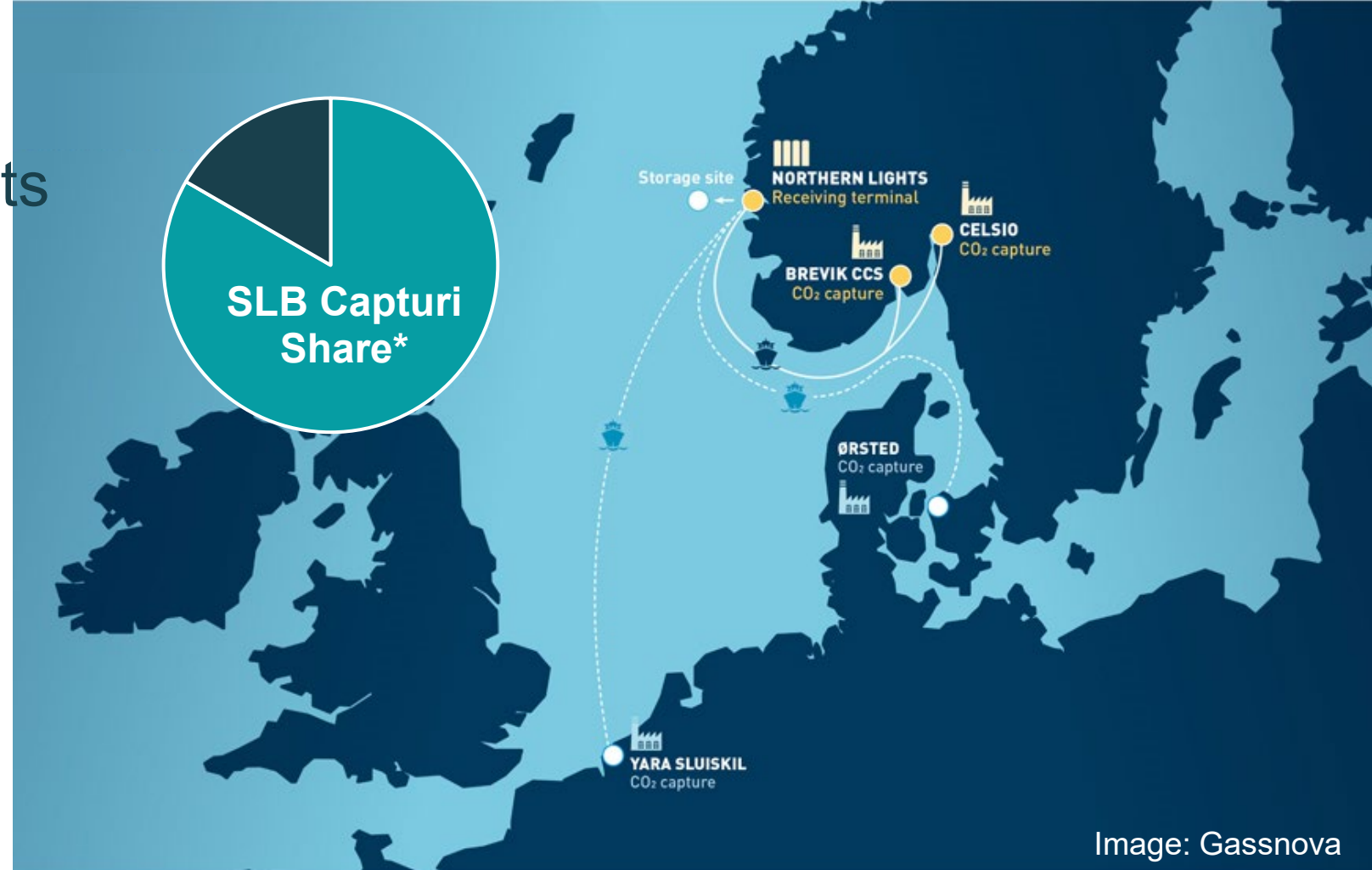
May 2023
Contract award

March 2024
Civil work started
on both sites

2026
Full value-chain
in operation

Supporting: Longship & Northern Lights

- Europe's first complete value chain for the capture, transport, and storage of industrial CO₂ emissions
- Phase 1: 1,5 Mtons CO₂/year
- Phase 2: 3,5 Mtons CO₂/year
- SLB Capturi projects supply over 83% of captured CO₂ to Northern Lights phase 1*



2016

Feasibility studies for capture, transport and storage solutions

2020

Final Investment decision and public funding vote for Northern Lights

2025

Full value chain in commercial operation

Supporting: Kalundborg CO2 hub

SLB Capturi deliver:

- Carbon capture plant
- Receiving station
- Intermediate storage
- Ship offloading equipment

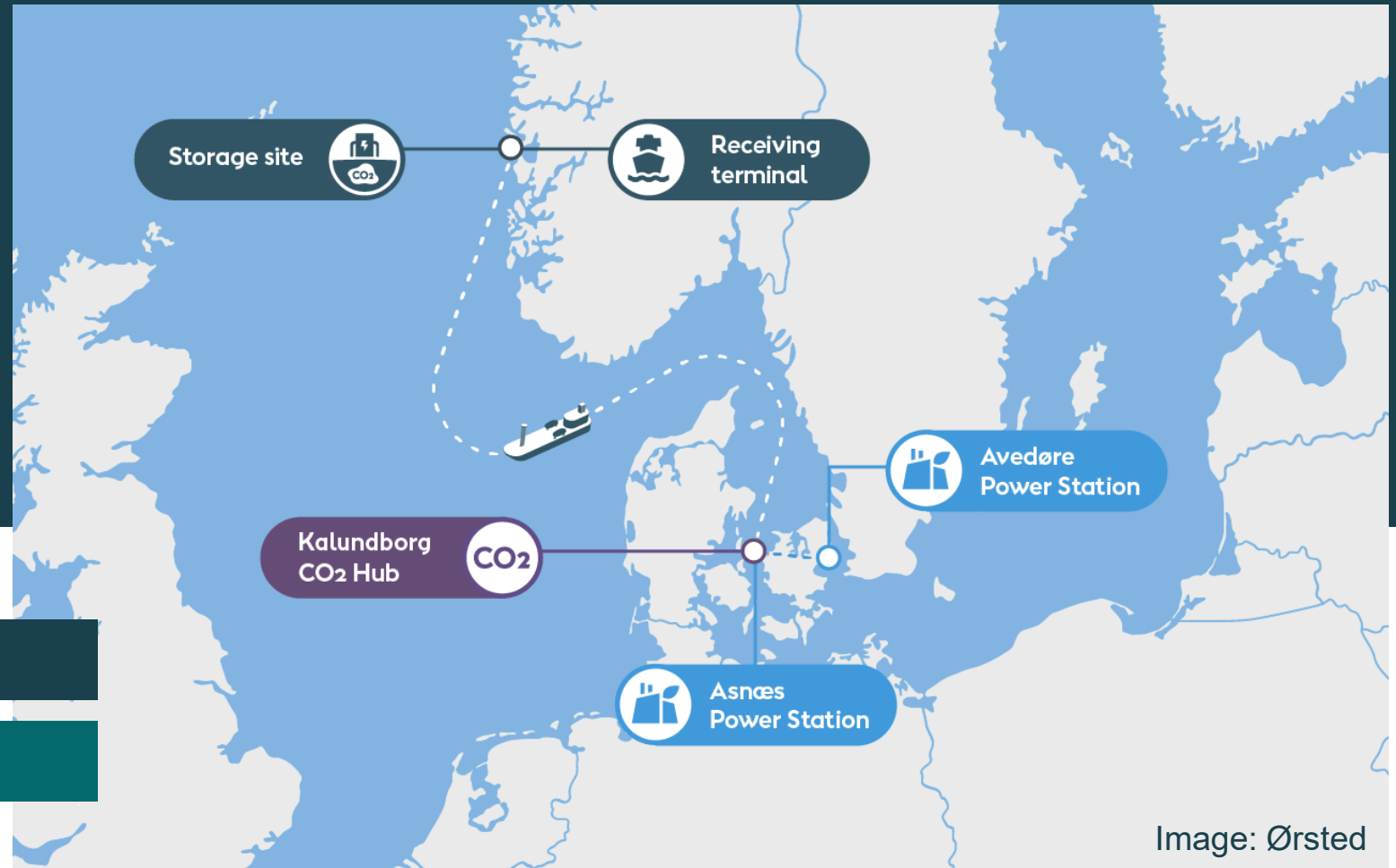


Image: Ørsted

Thank you!

Visit us at:
capturi.slb.com



Impact at scale