

Q4 2022

15 February 2023

Valborg Lundegaard, CEO
Egil Fagerland, CFO

Agenda

Introduction and fourth quarter highlights

Operations and business development

Delivery models

Financials

Summary 2022 and the way forward

Q&A

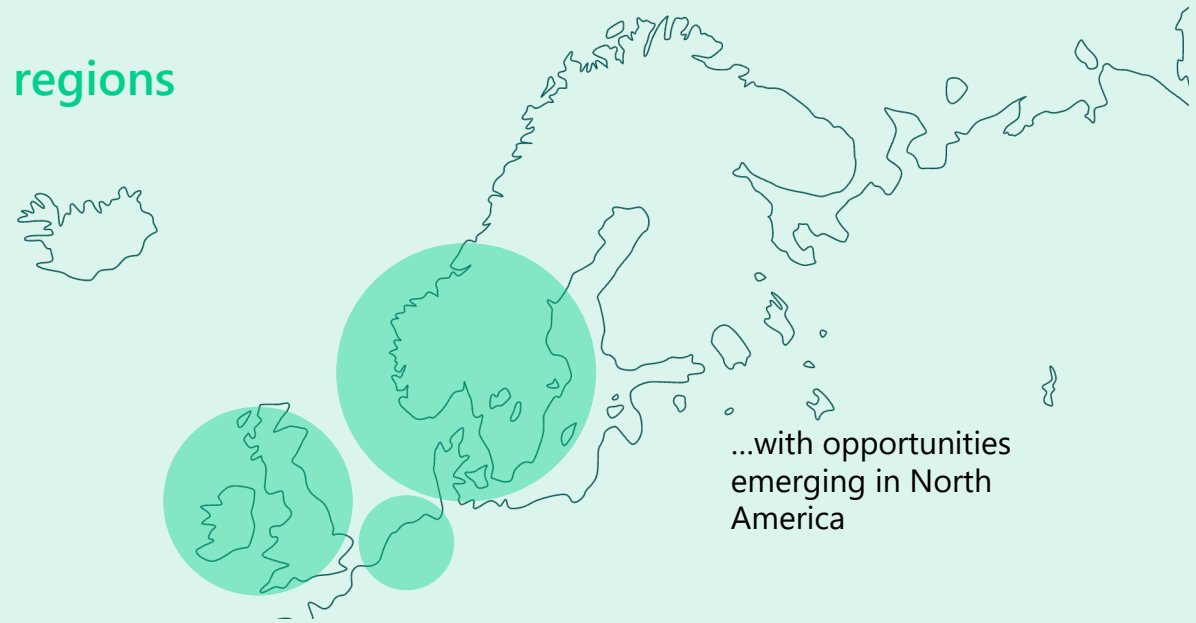
Aker Carbon Capture in brief

Pure play carbon capture company delivering ready-to-use capture plants

Best-in-class HSE friendly and proprietary patented technology for optimized all-round plant performance

Proven market-leading proprietary technology with close to 60,000 operating hours

Key regions



Prioritized industries



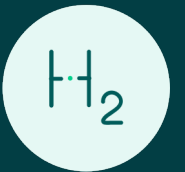
CEMENT



BIO/WASTE-TO-ENERGY



GAS-TO-POWER



BLUE HYDROGEN

...and engagement with new industry segments like refining and process industries



Highlights

In construction phase for two large-scale projects:

- Brevik CCS: installation of more key equipment onsite
- Twence CCU: columns installed

Letter of Intent signed for two Just Catch units

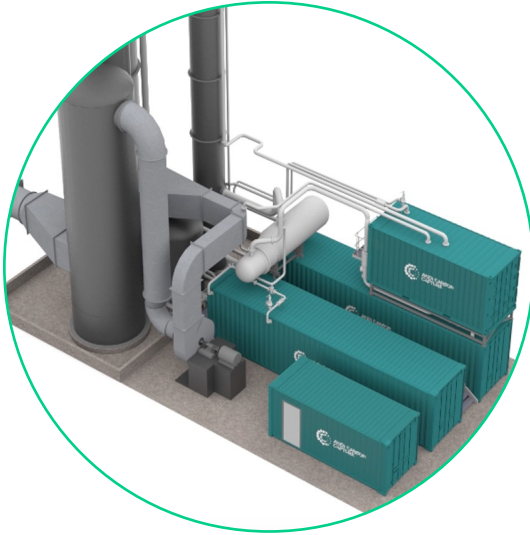
Pre-FEED study for Viridor's Runcorn CCS project

Expanding into new industries and countries with studies for St1 and Röhm

Mobile Test Unit campaign at Elkem officially inaugurated

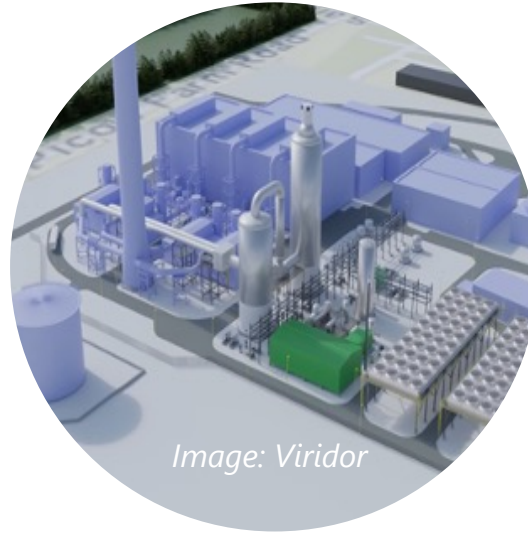
Continued revenue growth and solid cash position

Accelerating market activity



Letter of Intent for large carbon capture project

- Two Just Catch™ units
- Capture capacity of 200,000 tonnes CO₂/yr



Pre-FEED study for Viridor's Runcorn CCS

- Capture capacity of 1 million tonnes CO₂/yr
- Shortlisted for UK Track 1 funding



Renewable synthetic methanol project with St1

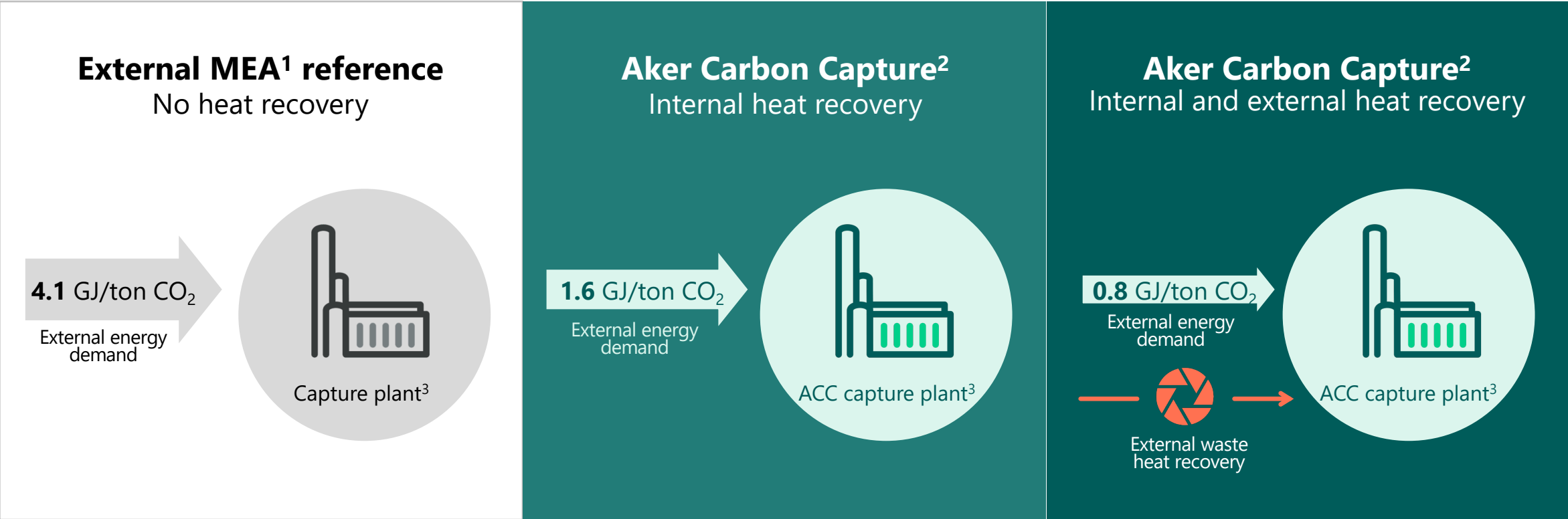
- Pre-engineering study for carbon capture at Finnsementti's cement plant in Finland



Study for German chemicals company Röhmann

- Feasibility study for two carbon capture plants
- Overall capacity up to 500,000 tonnes CO₂/yr

Innovation driving energy optimization



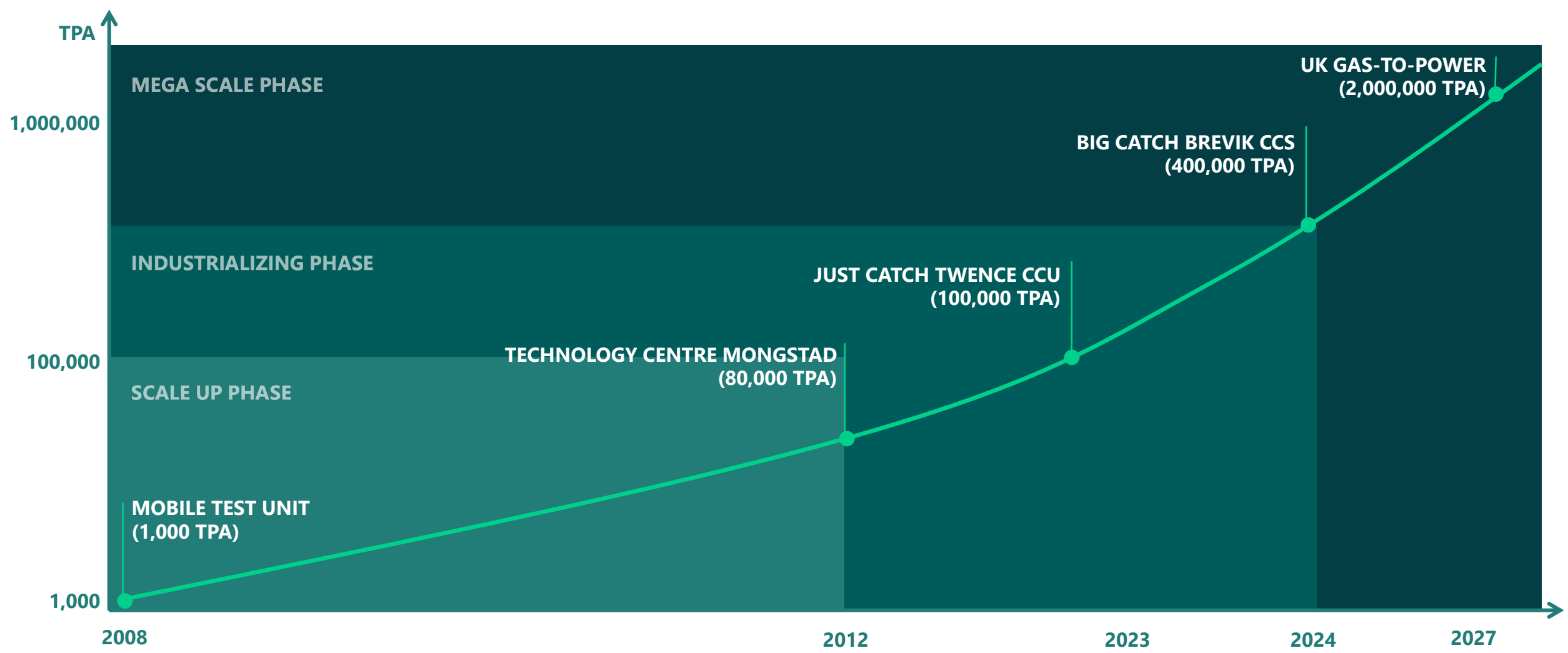
www.akercarboncapture.com/techday

1) Monoethanolamine (MEA) is a standard solvent for amine-based carbon capture
2) Aker Carbon Capture proprietary solvent portfolio
3) Carbon capture plant with liquefaction



Operations and business development

Maturing technology concept and product



CO₂ Hub Nord prosjektet



Image: Benjamin Strøm Bøen / Mo Industripark AS

High Mobile Test Unit activity

Advanced CO₂ capture pilot

- Smelter campaign started in Rana, Norway for Elkem Rana and SMA Mineral
- Part of CO₂ Hub Nord, with 1.5 million tonnes of capturable CO₂ emissions
- Second MTU being finalized by mid 2023





WASTE TO ENERGY TWENCE CCU

Hengelo,
Netherlands

- Capturing 100,000 TPA
- First of a kind modular carbon capture project on track
- CO₂ will boost local greenhouse production

Nov 2021

SIGNED CONTRACT

February 2023

INSTALLATION OF ALL
THREE COLUMNS ON SITE

End 2023

PLANNED OPERATION

NORCEM HEIDELBERG MATERIALS BREVIK CCS

Norway

- 400,000 TPA CO₂ capture and liquefaction plant
- Major equipment installed onsite, incl. all nine Waste Heat Recovery Units, Flue Gas Fan and Direct Compact Cooler
- Creating local employment and strong partnerships
- CO₂ transport by ship to permanent storage as part of Northern Lights



2020
PROJECT START

DECEMBER 22
EARLY ARRIVAL ON SITE OF ALL
THREE COLUMNS

2024
PLANNED OPERATION



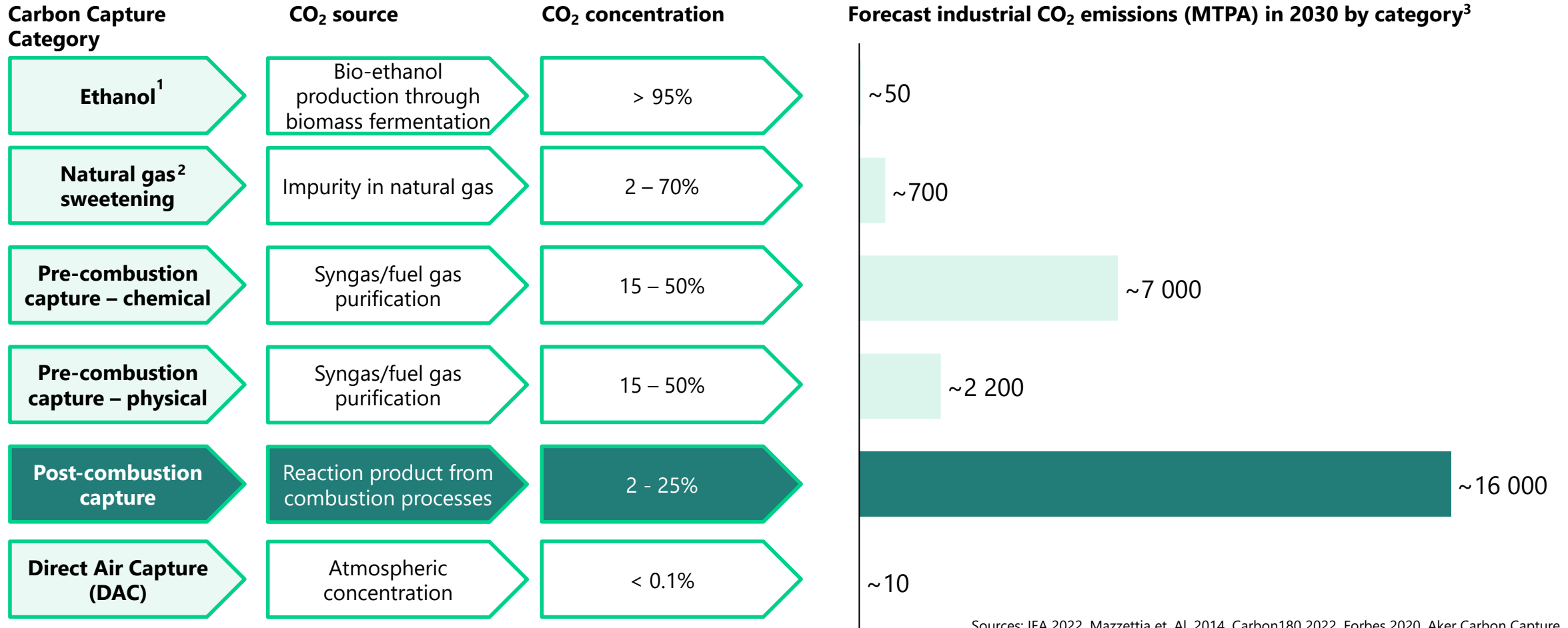
Flagship projects in the UK

Track-1 Clusters

- **SSE Keadby 3 and bp Net Zero Teesside Power FEEDs**
 - Each with design capacity of 2 Mt CO₂ per year
 - Carbon capture partner to a consortium of Aker Solutions, Siemens Energy and Altrad Babcock
- **Viridor's waste-to-energy Runcorn CCS project pre-FEED**
 - Targeting 1 Mt CO₂ per year
- All projects shortlisted for funding, Keadby 3 received planning permission

- UK ambition of 20-30 Mt CO₂ per year by 2030
- Carbon Capture and Storage Infrastructure Fund (CIF) of £1bn

Post-combustion capture covers majority of industrial emissions

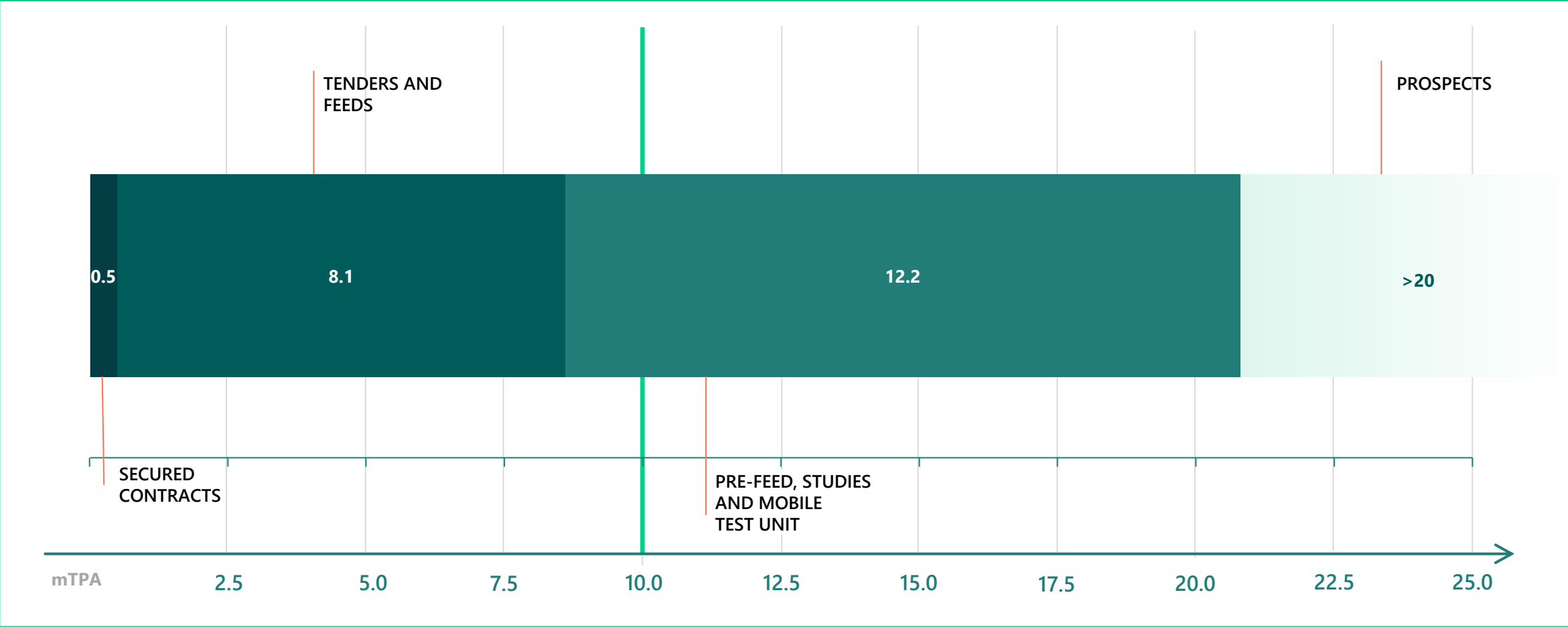


1) Any process system supplier offering CO₂ liquefaction technologies (CO₂ compression and refrigeration)

2) Process system suppliers or petroleum refiners in cooperation with solvent suppliers

3) Categories are not mutually exclusive (i.e. some emissions could be captured by more than one capture technology): such emissions are presented for each capture category (i.e. sum is larger than total emissions). Forecast 2030 emissions already include assumptions re. the impact of alternative non-CCUS technologies in certain industries.


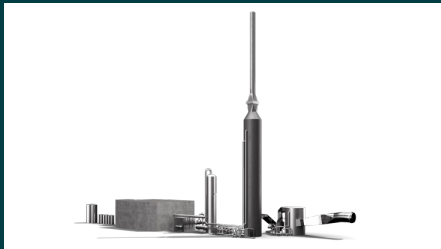

Continued progress towards 10 in 25



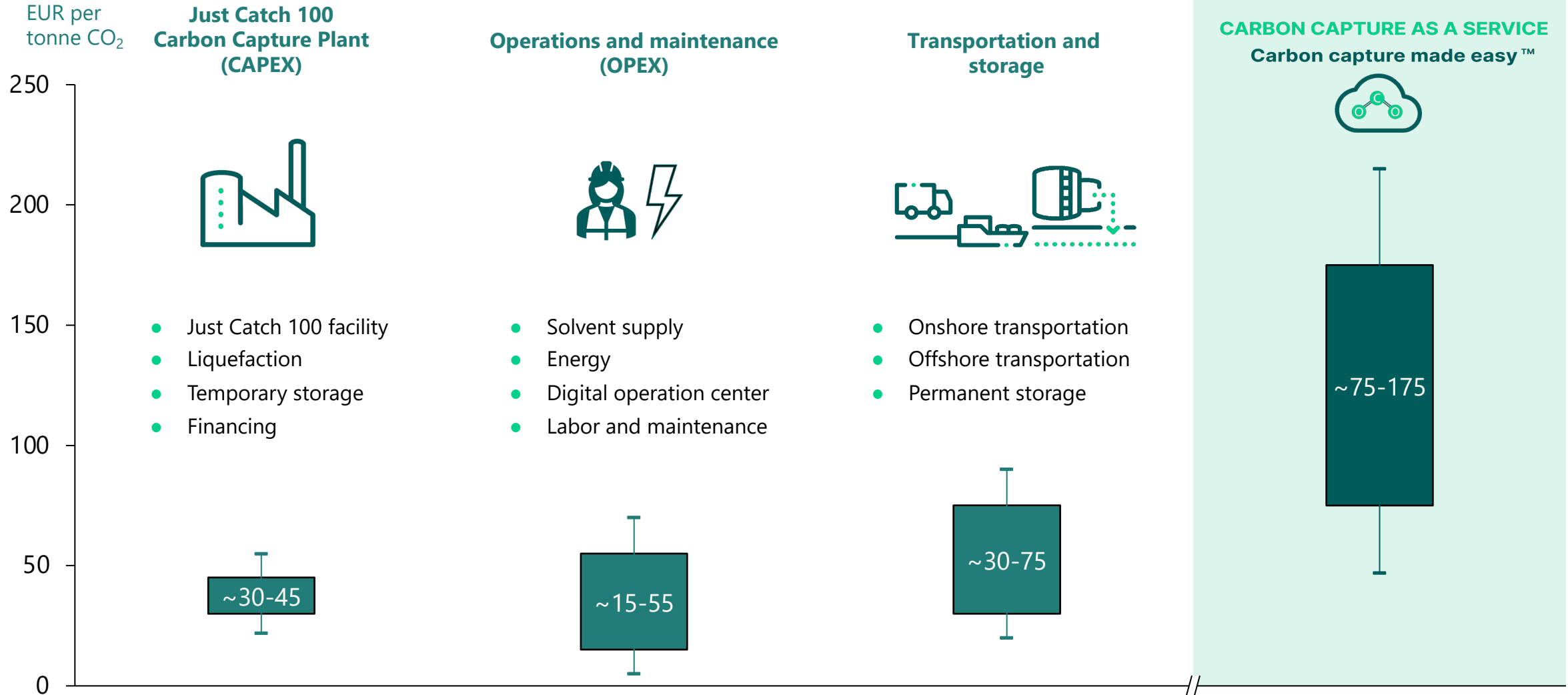
Delivery models

Broad product offering with range of delivery models

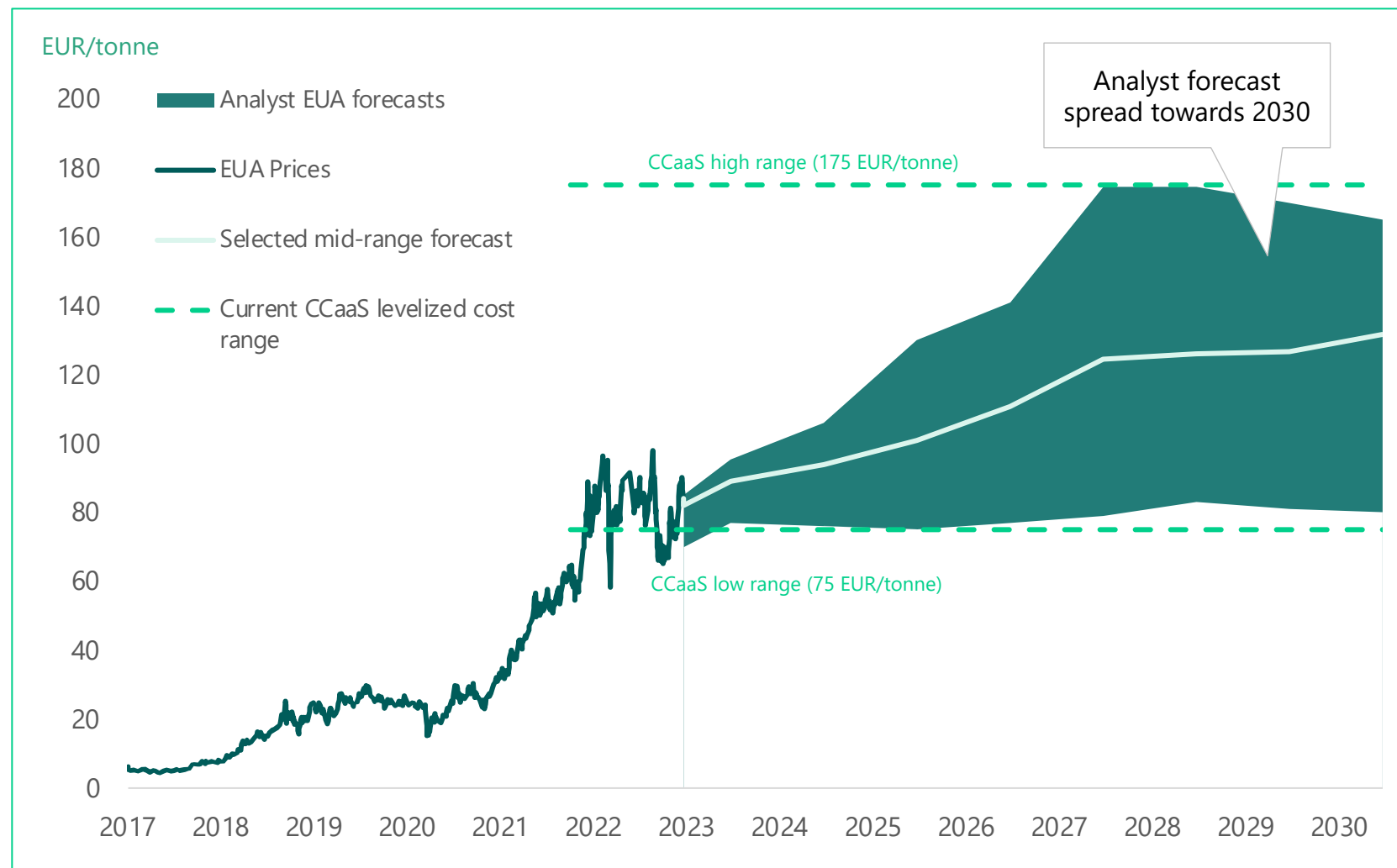
Three core carbon capture products offered by Aker Carbon Capture

Key offerings		Delivery models		
		EPC	Licensing and Key Equipment	CCaaS
	Just Catch™ Capacity: 40 and 100 ktpa each, up to 3 parallel units	✓	✗	✓
	Big Catch Capacity: > 400 ktpa	✓	✓	✗
	Just Catch Offshore™ Capacity: 120 – 360 ktpa	✓	✓	✗

Indicative levelized cost of Carbon Capture as a Service



Full CCS value chain economics turning positive



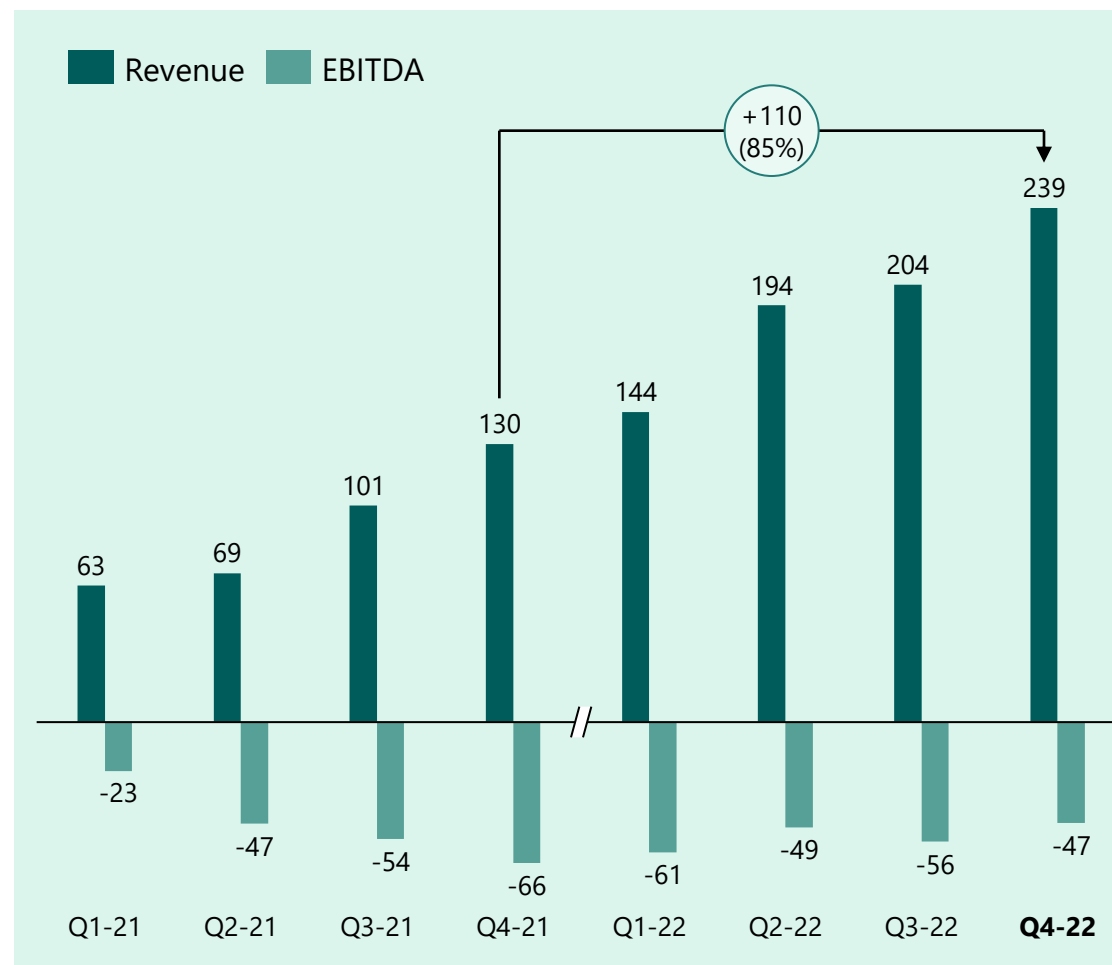
- EUA currently trading around 90 EUR/tonne
- Long term outlook remains sound and analysts predict a range of 80-165 EUR per tonne in 2030
- IEA's World Energy Outlook, expect a carbon price at EUR 135 per tonne in 2030¹, based on announced net zero pledges
- EU's Green Deal Industrial Plan and US' Inflation Reduction Act are expected to provide better access to funding for CCUS
- Overall stronger fundamentals for investments in CCUS:
 - 1) Rising carbon prices
 - 2) Inflation Reduction Act
 - 3) Green Deal Industrial Plan
 - 4) EU taxonomy



Financials

Fourth quarter 2022 | Income statement

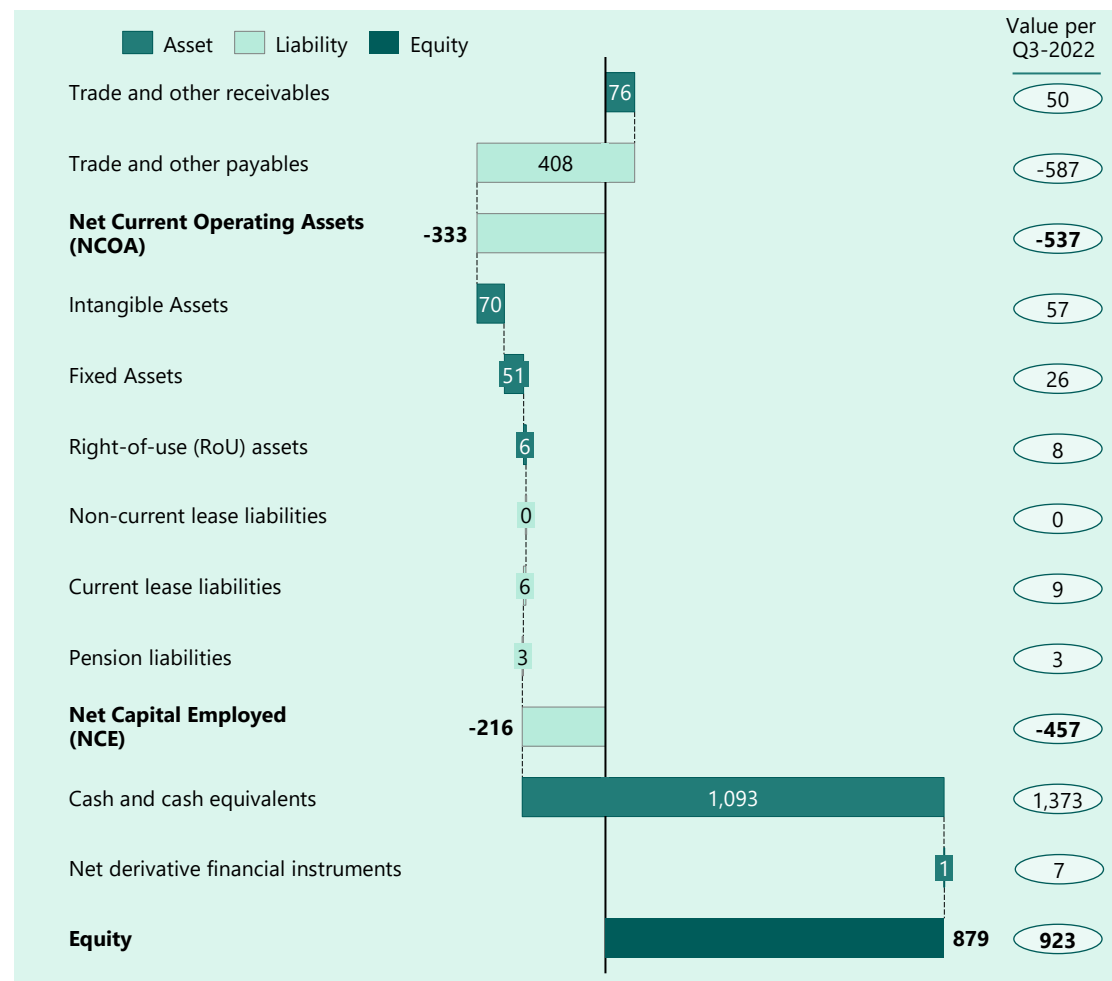
Revenue and EBITDA NOK million



- **Revenue** ended at NOK 239 million which was NOK 110 million higher compared to the same period last year. The increase is mainly driven by:
 - The Brevik CCS and Twence CCU EPC projects
 - UK FEEDs with BP Net Zero Teesside Power and SSE Keadby 3
 - CO₂ Hub Nord MTU campaign, currently with Elkem
- **EBITDA** ended at negative NOK 47 million which was NOK 19 million better than the same period last year
 - Twence CCU started to recognize profit in the period
 - Both the Brevik CCS and Twence CCU projects are now recognizing profit and are expected to continue to deliver positive results through 2023
 - The overall negative EBITDA continued to be driven by high sales and tender activity and R&D projects incl. digitalization

Fourth quarter 2022 | Balance sheet

Balance sheet NOK million

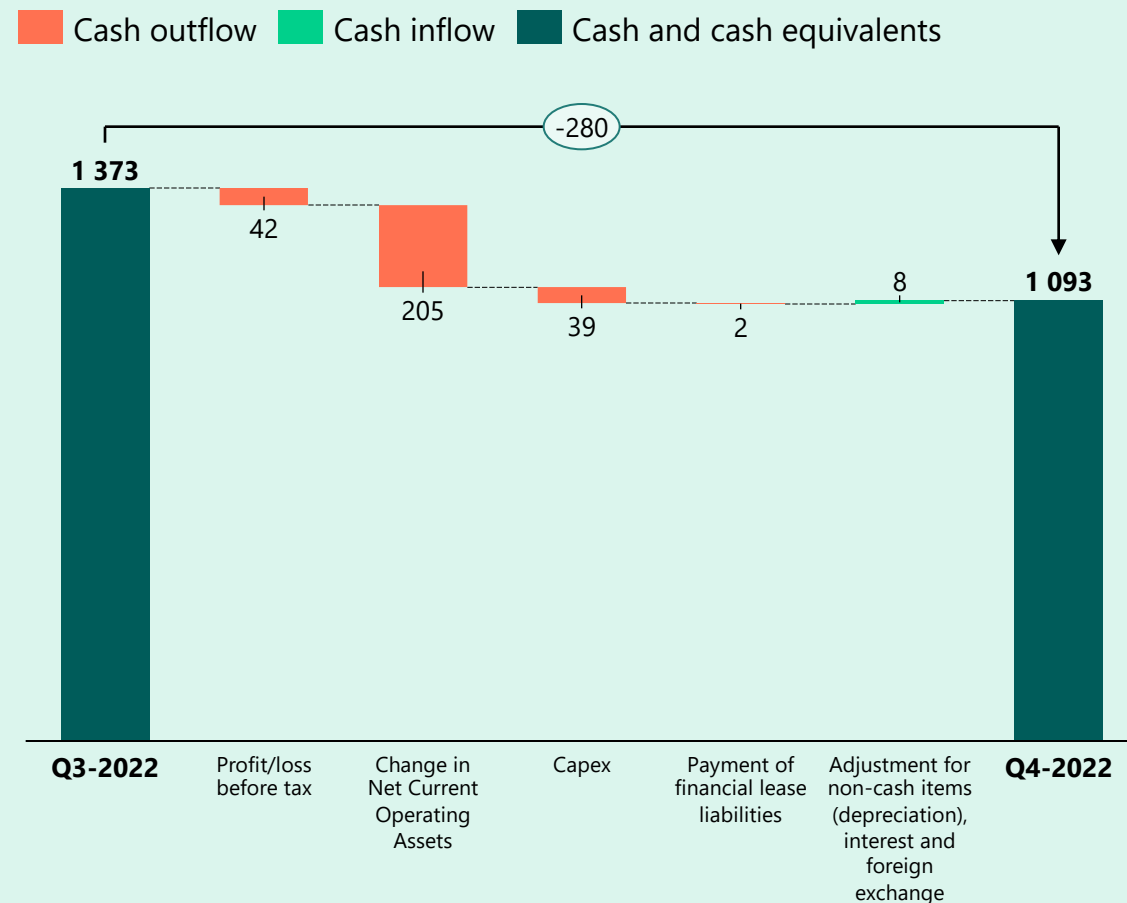


- **Net Current Operating Assets** (net working capital) ended at negative NOK 333 million which represents a strong positive cash position on key projects
- NOK 216 million negative **Net Capital Employed** signalling that the business' operating capital is currently funded by project working capital
- Healthy **Cash and cash equivalents** balance at NOK 1.1 billion which covers all liabilities 2.6 times
- Strong **Equity** position at NOK 0.9 billion

Fourth quarter 2022 | Cash flow

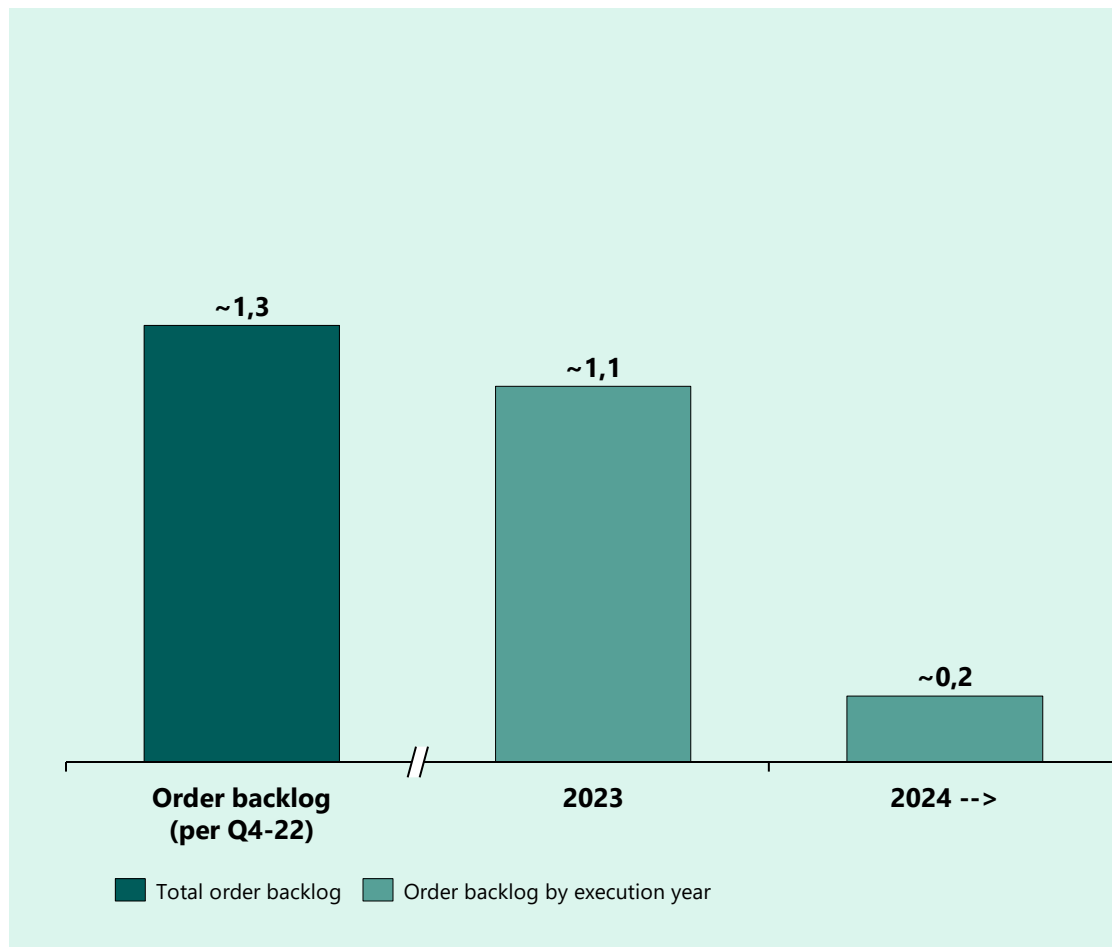
- The quarter ended with an overall cash outflow of NOK 280 million
 - Loss before tax of negative NOK 42 million
 - Outflow of NOK 205 million related to change in Net Current Operating Assets in the period mainly related to vendor payments on the key projects
 - CAPEX of NOK 39 million was mainly related to product development and standardization, and the construction of a new mobile test unit
 - Payment of financial lease liabilities and adjustment for other non-cash items was net positive and represented NOK 6 million
- Cash and cash equivalents ended the quarter at NOK 1,093 million

Cash flow development NOK million



Financial outlook

Order backlog by execution year NOK billion



SG&A and operating expenses

- Total salary, personnel and other operating costs reached NOK 65 million in Q4 2022
- Excluding costs associated with projects, we expect to see operating expenses through the next six months around similar levels, with significant flexibility

Cash balance

- 2022 ending net cash balance of NOK 1.1 billion, driven by project-related cash outflows
- Expect cash position to further strengthen over the first half of 2023 before trending down towards the end of the year

Summary

2022 – The year of progress and partnerships

Progress

Major equipment installed at Brevik CCS



Construction started at Twence CCU



FEED for BP's Net Zero Teesside



Carbon capture provider at SSE's Keadby 3 Carbon Capture Power Station



Pre-FEED study for Viridor's Runcorn CCS



DNV qualifies Just Catch Offshore™



Successful technology verification campaign in Polchar



Mobile Test Unit campaign at Elkem's smelter started in Rana



High activity in studies



2022

Partners

Continued collaboration



Pursue joint innovation for scaling of the carbon capture Value Chain



Develop Next-Generation CCUS Technology



Collaboration with Altera Infrastructure



Enable industrial emitters access to full value chain offerings in the UK



Explore flexible CO2 maritime transport solutions



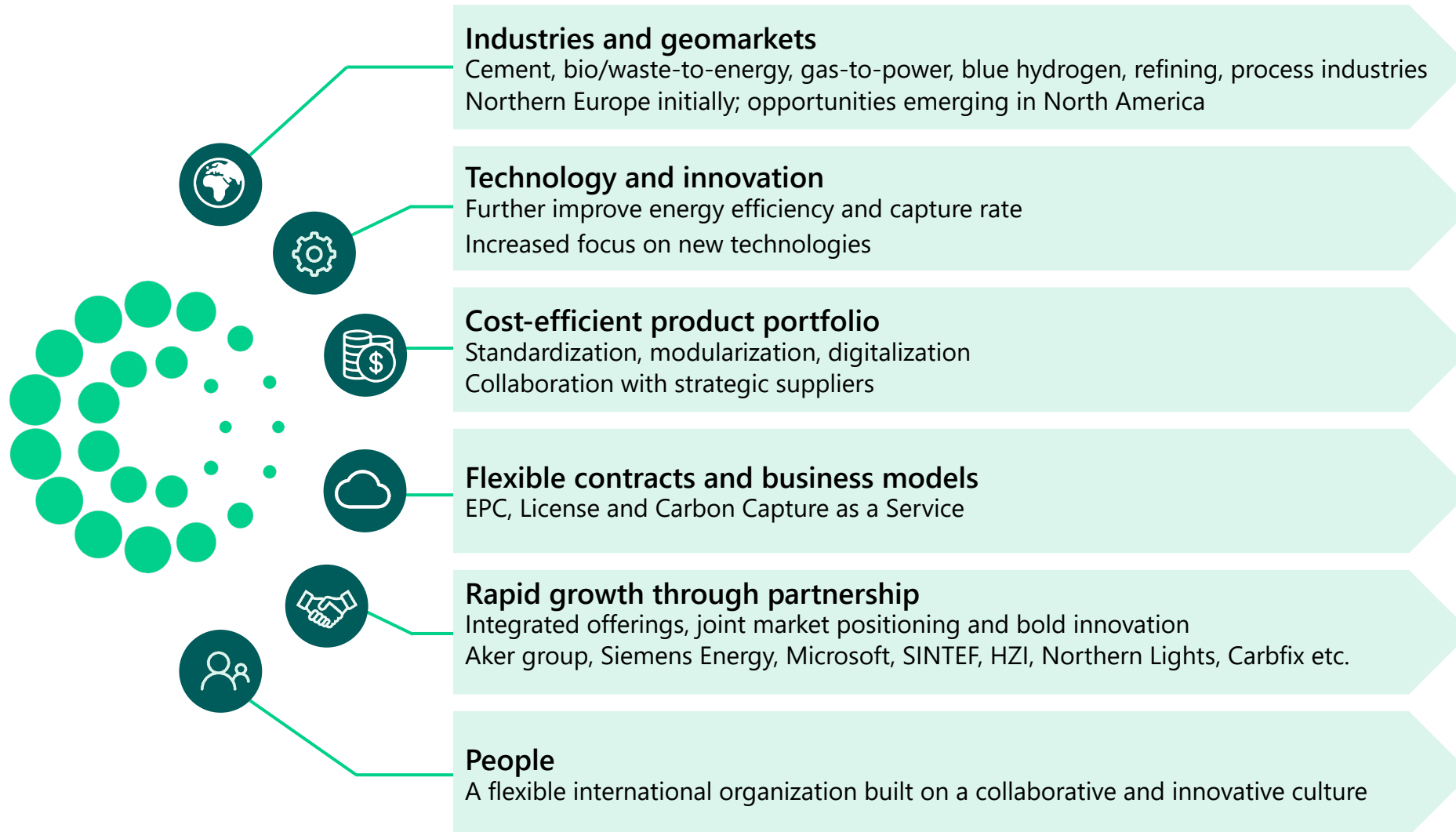
Collaboration with Höegh LNG



Representing a full value-chain offering



Way forward



**Deliver
on
ongoing
projects**

10 in 25
Secure contracts
to capture **10**
million tonnes
CO₂ per annum
by **2025**



Q&A