



AKER CARBON
CAPTURE

Accelerated decarbonization of European industry

April 20th 2022

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Our mission

Enabling emission free industries and energy solutions through carbon capture

Aker Carbon Capture's unique strengths



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



Best-in-class HSE friendly solvent and other patented plant technologies for better all-round plant performance



Validated and certified market-leading proprietary technology with more than 50,000 operating hours

Key markets and industries



Main activity in Northern Europe

- Scandinavia
 - Benelux
 - UK
- ...opportunities emerging in North America

Prioritized industries



Cement



Bio/Waste-to-energy



Gas-to-power



Blue hydrogen

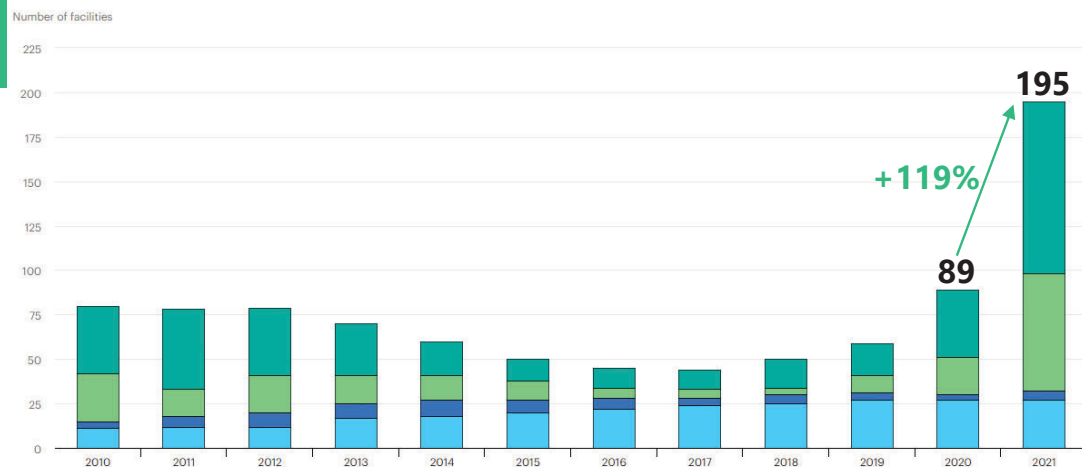
10 in 25

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



Global status of the CCUS Market

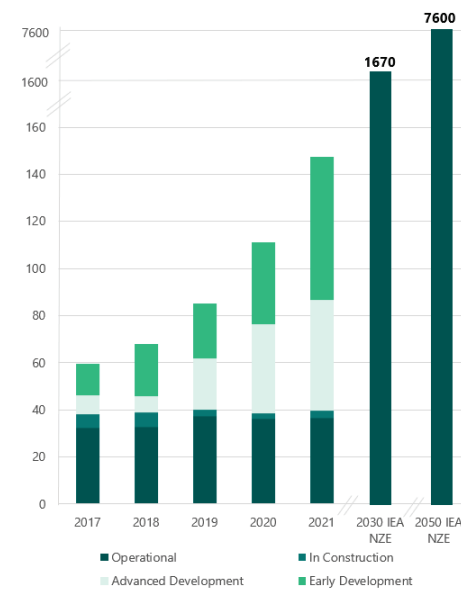
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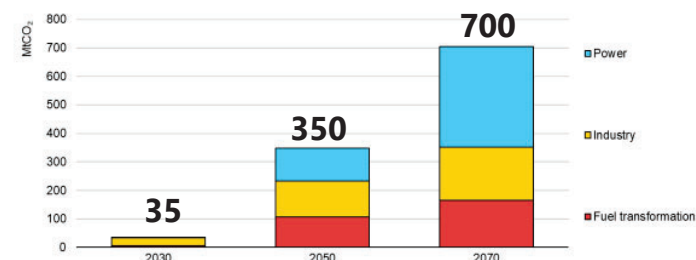
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IEA: Global pipeline of commercial CCUS facilities operating and in development, 2010-2021

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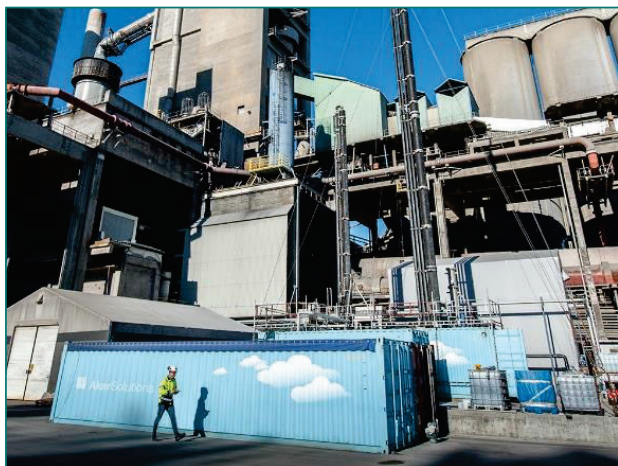
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IEA: CCUS in Europe

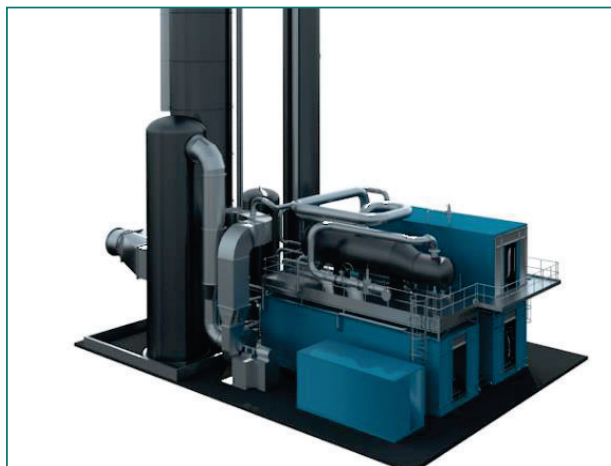
Our three product offers



Big Catch

Launched: 1996
Capacity: > 400,000 tonnes/year

- Made to order
- ~30-36 months delivery time¹
- Larger footprint
- Using bulk materials – cost efficient
- Retrofit potential



Just Catch™

Launched: 2018
Capacity: 40,000 & 100,000 tonnes/year

- Modularised and cost efficient
- ~15 months delivery time¹
- Easy transport and installation
- Compact design – 25m x 18m
- 100% automated



Offshore Just Catch™

Launched: 2019
Capacity: 120 – 360,000 tonnes/year

- Modularised and cost efficient
- ~20 – 24 months delivery time¹
- Self-contained system
- Compact design
- Retrofit potential

NORCEM CEMENT PLANT

Brevik in Norway

- 400,000 TPA CO₂ capture and liquefaction plant
- Equivalent to emissions from 205,000 fossil cars
- CO₂ transport by ship to permanent storage
- Ongoing FEED project, planned operation in 2024





TWENCE W2E

Hengelo in the Netherlands

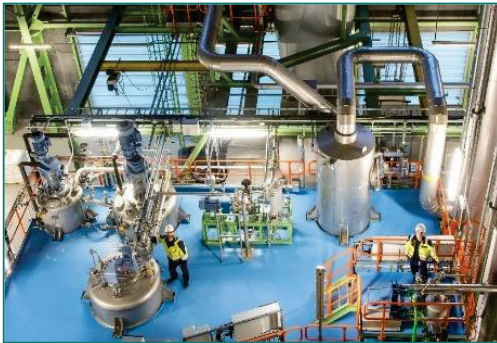
- Signed contract 100,000 TPA - 11.04.2019
- CO₂ distributed by trucks to local greenhouses
- CO₂ will boost greenhouse production = CCU
- Project realized November 2021

High operational activity

EPC / Post FEED



Norcem, Cement, storage



Twence, Waste-to-Energy, greenhouse

Feasibility studies



Elkem Mo Industripark



VEAB Växjö



Nordic Blue Crude Holla

Other selected ongoing projects



Int. FPSO company



Preem – Hydrogen production



ForusEnergi – WtE capture study



Polchar



BP Net Zero Teesside



SSE Thermal, Keadby 3

Carbon capture phase in the value chain

Carbon capture

Transportation

Storage or utilisation

Key Focus

Supporting customers throughout plant lifecycle

Feasibility | Pre-FEED¹ | FEED¹ | EPC² | Services

← Aker Carbon Capture scope (incl. partners) →

Early engagement improves integration, capture and conditioning in selected carbon capture solution

Supporting Specialist Competence

- Significant knowledge of the entire carbon capture, utilisation and storage value chain
- Strong competence within utilisation areas (e.g. greenhouse, methanol and fuels) and storage solutions, including EOR³



CO₂ capture



Liquefaction
(CO₂ compression)



Intermediate
storage
(at site)



Land- and sea-
based
transportation



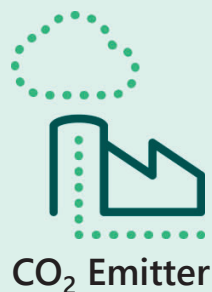
Other intermediate
storage(s)



Utilisation/
permanent storage

Carbon Capture as a Service: Carbon capture made easy™

From a complex management of the full CCS value chain...



Interface, contracts and risk across the full CCS life-cycle



Financing



Carbon Capture



Liquefaction



Temporary
storage



Transportation

Permanent
storage



...to carbon capture made easy



CARBON CAPTURE AS A SERVICE
Carbon capture made easy™

Strategic partnerships on transport & storage of CO₂



Dan-Unity CO₂



Carbfix



Northern Lights

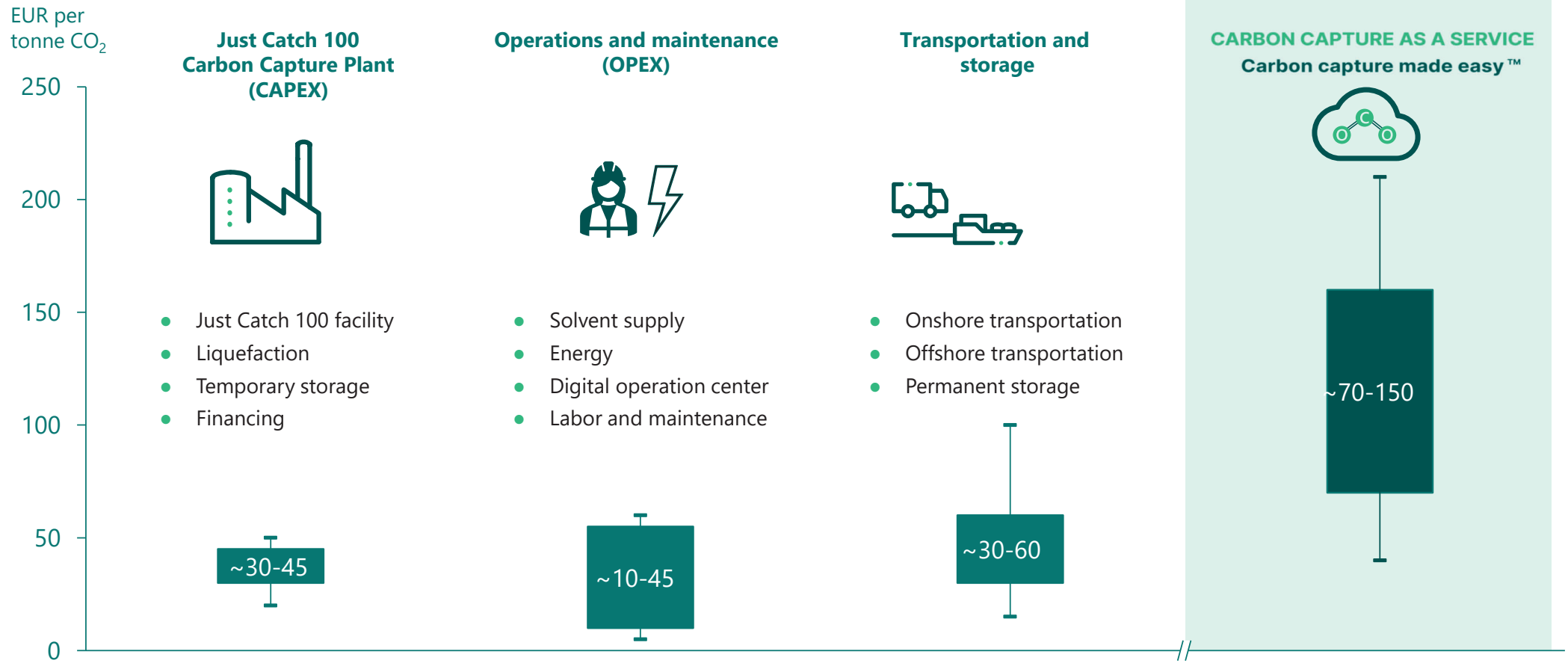


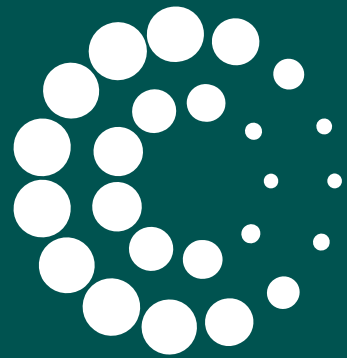
Altera Infrastructure and Höegh LNG
(Stella Maris CCS)



Project Greensand

Indicative levelized cost of Carbon Capture as a Service





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