capsol technologies

Q1 2025 results presentation



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Today's presenters:









Licensor of point source carbon capture technology



Offering carbon capture and heat recovery in one system

Attractive capture cost

20-60%

Lower than amines¹

Demonstration hours

18,800

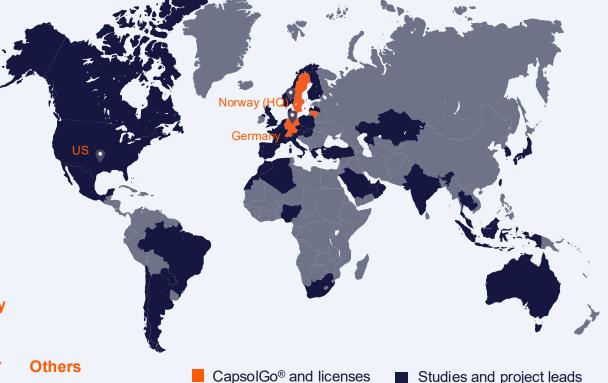
Nine campaigns, proven chemistry 15 years+ experience

Electricity consumption

0.5-1.5

GJ per tonne of CO₂ captured²





Highlights – Q1 2025

Strong pipeline growth – momentum across industries

- Moving ahead on one of the world's largest BECCS², using Capsol's technology
- 28% revenue growth y-o-y, and >70% mature pipeline growth to 22 mtpa of CO₂ capture
- Traction in Europe and US across cement, biomass, gas turbines, and other industries

Significant EBITDA potential in 2026

- 13 projects in mature pipeline with potential FIDs in 2026 totaling 6.5 mtpa CO₂
- NOK 300m+ licensing revenue potential in 2026
- Risk-adjusted forecast 2026 EBITDA at NOK ~60m

New services offering driving future value

- Strengthened position as carbon capture technology leader with new lab
- Developing services offering to continue to optimize performance in operational phase
- Potential of EUR 2+ recurring revenue per tonne CO₂ captured

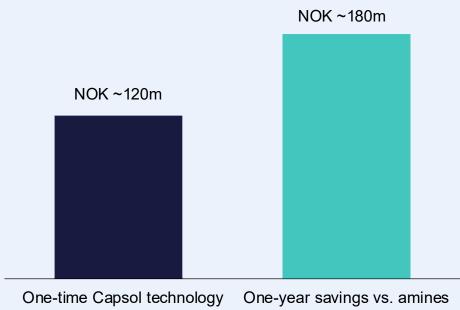
Capsol's value creation opportunity

Payback on the Capsol license fee: less than one year

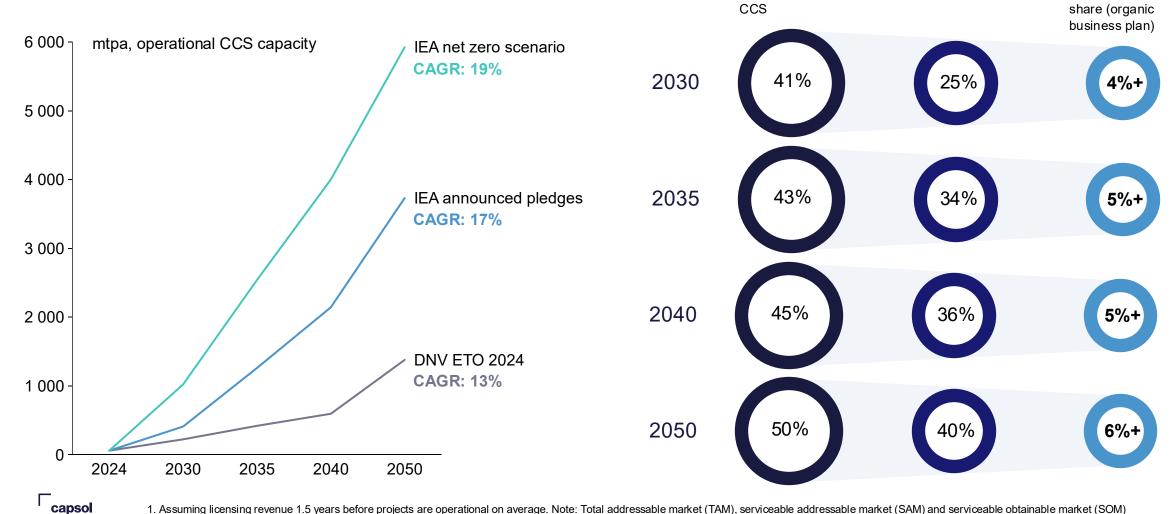
Proven technology offering lower capture costs

- 20-60% lower capture costs vs amines
- License fee of EUR 10-15 per tonne installed capacity
 - Case assuming mid-point, EUR 12.5
- Capsol's inherent heat recovery enabling:
 - One-year opex savings larger than the entire license fee
 - Additional revenue opportunity where excess heat can be sold
 - Additional electricity generation for open cycle gas turbines

Case study: Cement plant, 800 ktpa¹



Targeting NOK 3bn+ of licensing revenue 2025-2035¹



Total

market

addressable

Post-combustion

Serviceable

addressable

Relevant industries

market

Serviceable

Realistic market

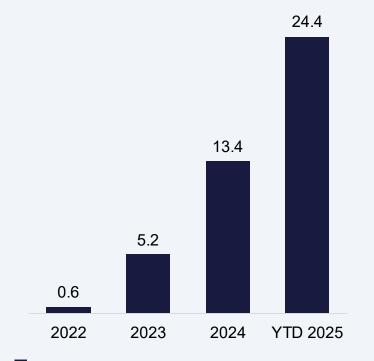
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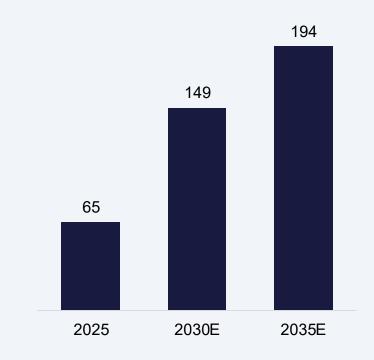
market

capsol technologies1. Assuming licensing revenue 1.5 years before projects are operational on average. Note: Total addressable market (TAM), serviceable addressable market (SAM) and serviceable obtainable market (SOM) percentages here presented as share of total carbon capture technology licensing market. Relevant industries for Capsol's technologies include cement, BECCS, energy-from-waste, gas turbines, pulp and paper, refineries, petrochemicals, ammonia, iron and steel, and other base materials.

Maturing carbon markets and policy support driving carbon capture demand

Strong growth in carbon credits Cumulative CDR purchases, mtpa¹ EU CO₂ prices expected to triple ETS forecast, EUR/mt²





CCS endorsed across the globe

«By supporting cutting-edge technologies like carbon capture and storage (..), the Trump Administration is ensuring America leads in both energy production and environmental innovation.»

Trump Administration, 22 April 2025



Reuters, 26 February 2025

Xi addresses Leaders Meeting on Climate and the Just Transition, urging jointly advancing global climate governance

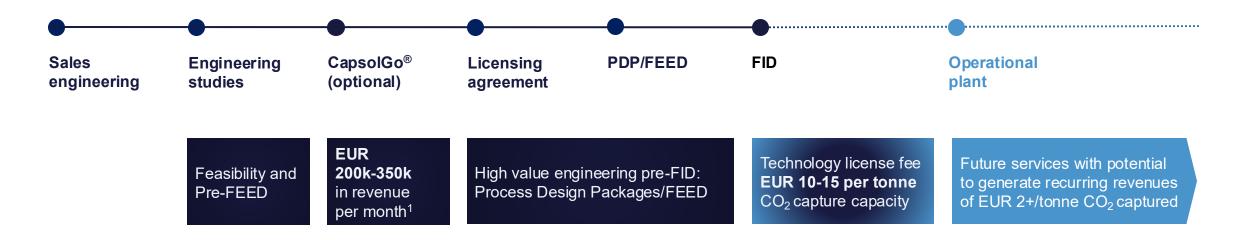
The State Council, PRC, 24 April 2025



^{1.} CDR.fyi, CDR = Carbon Dioxide Removal. 2. Bloomberg New Energy Finance estimates 3. <u>Whitehouse.gov</u> 4. <u>English.www.gov.cn</u> 5. <u>Reuters/European Commission Clean Industrial Deal</u>

Scalable business model yielding attractive returns

Timeline for a typical CCS project and Capsol's revenue streams



Capital light technology licensing and services – targeting medium to long-term pre-tax profit margins of 40-60%



Stockholm Exergi is the provider of power, district heating and cooling to the city of Stockholm

Plant/full-scale deployment

Värtaverket, 800,000 tonnes CO₂ / year

Installation type

Combined heat and power plant

EPC

Saipem

Storage

Northern Lights - Equinor, TotalEnergies and Shell jv

Flagship Capsol project breaks ground with FID

- FID for one of the world's largest Bioenergy with carbon capture and storage projects (BECCS)
- Capsol's HPC-based technology chosen for its safety, maturity, energy- and cost-efficiency
- Offtake agreements with Microsoft and Frontier and project supported by EU and Swedish state
- Milestone has accelerated commercial traction in Q1, driven by funding applications and large clients



«(..) we are pleased with the efficiency of recovering heat from carbon capture and adding it into district heating networks»

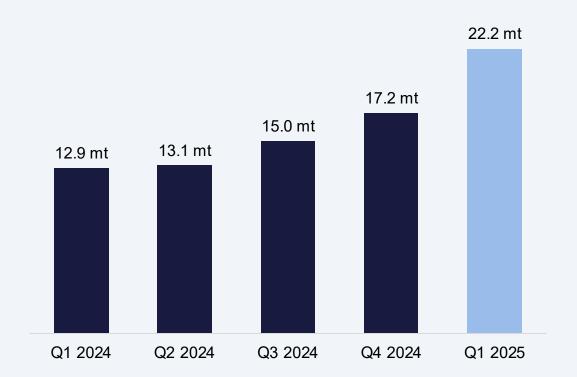
Brian Marrs, Senior Director, Energy & Carbon Removal, Microsoft

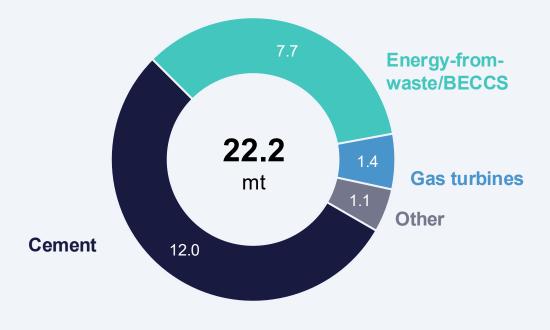
Proven traction in first waves of CCS demand

New projects in Europe and US added to pipeline – NOK 3bn+ in total licensing revenue potential

Mature pipeline up 72% y-o-y and 29% q-o-q

Mature pipeline industry split First gas turbines study in Q1







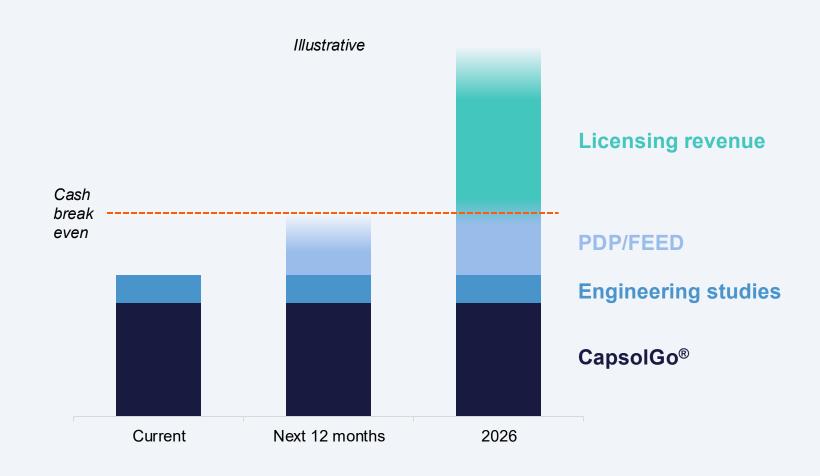
13 potential FIDs totaling 6.5mt in 2026

	Industry	Size, mtpa	Base-case FID
Project 1	Bio	0.1	Q1 2026
Project 2	Bio	0.1	Q1 2026
Project 3	Gas turbines	1.0	Q2 2026
Project 4	Bio	0.2	Q2 2026
Project 5	Bio	0.8	Q3 2026
Project 6	Bio	0.7	Q3 2026
Project 7	Bio	0.5	Q3 2026
Project 8	Bio	0.5	Q3 2026
Project 9	Refinery	0.8	Q4 2026
Project 10	Cement	0.8	Q4 2026
Project 11	Cement	0.8	Q4 2026
Project 12	Cement	0.4	Q4 2026
Project 13	Bio	0.1	Q4 2026

NOKm Contract potential from FIDs in 2026 >900 **NOKm** Unrisked revenue potential from FIDs in 2026 >300 **NOKm** Risk-adjusted forecast 2026 EBITDA 60

Progressing towards break-even

- Higher value engineering work driving revenue increase pre-FIDs
- Can reach break-even next 12 months with current business plan
- Highly flexible cost base to be balanced with activity levels
- Strict capital discipline until next
 FID revenue





Service to optimize performance in operations: Significant additional value for clients – and Capsol



Industry proven business cases

Solvent services

 Supply, monitoring, and management = uptime increase and opex savings

Performance monitoring and optimization

• Higher capture rates = opex savings and increased CDR revenues

Remote support program

Extended service = Reduced downtime risks

EUR 2+

annual recurring revenue pr tonne CO₂ captured

Services further reducing cost of capture for clients

Г

Financials

Revenues driven by paid studies and CapsolGo®

- Revenues of NOK 24.9m in the quarter, up 28% compared to Q1 24
- NOK -16.1m pre-tax profit vs. NOK -7.9m in Q1 24
- Operating expenses of NOK 38.6m for the quarter
- Invested in opportunities to strengthen position as technology leader and increase revenue per project
- Lower cost base on average next four quarters

Revenues



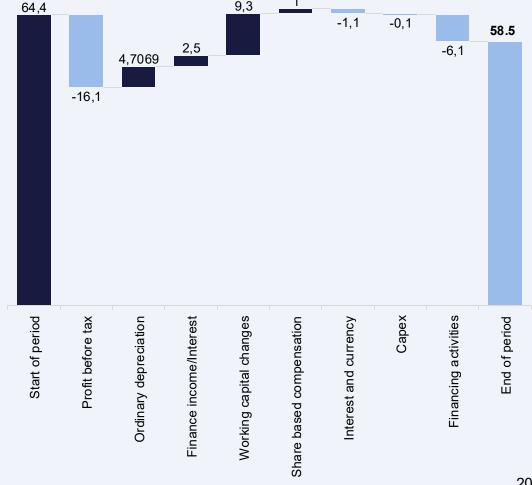
Operating expenses



Investment program completed

- Payment for Stockholm Exergi license fee received in Q1 2025 (booked in Q4 2024)
- Cash outflow of NOK 7.2m in the quarter current investment program now completed
- Cash balance of NOK 58.5m by end Q1
- Revenue ramp-up driven by PDP work expected towards end 2025
- Break-even within reach next 12 months driven by PDPs/FEED as we approach FIDs

Cash flow for Q1 2025 **NOKm**



Concluding remarks and Q&A

Scaling a competitive, high-margin carbon capture technology platform

Recent milestones

Stockholm Exergi FID

- Project moving ahead with Capsol technology
- Boosted interest for Capsol's HPC-based technology platform

Pipeline growth and larger clients

- Mature pipeline up ~70% y-o-y and ~30% q-o-q
- Increased traction with multinationals incl. Holcim, Suez, International Energy Company, European utilities

Traction in North America and CapsoIGT®

- 1.4mt of CapsolGT[®] projects advanced to mature pipeline, including projects in US
- Project development for BECCS in the US

Accelerating growth and value creation

Recent milestones have strengthened Capsol's position and broadened growth opportunities

To support scale-up, the company has mandated Pareto Securities to:

- Advance strategic partnership discussions
- Review financing options to meet rising demand from large clients
- Explore footprint expansion in new markets, including Middle East and Asia

This aligns with Capsol's long-term strategy for growth and value creation

Scalable platform positioned for profitable growth

Differentiated technology providing 20–60% lower capture costs

Pipeline growth converting to high value engineering and licensing revenues

Services offering adds recurring income and lifts project value

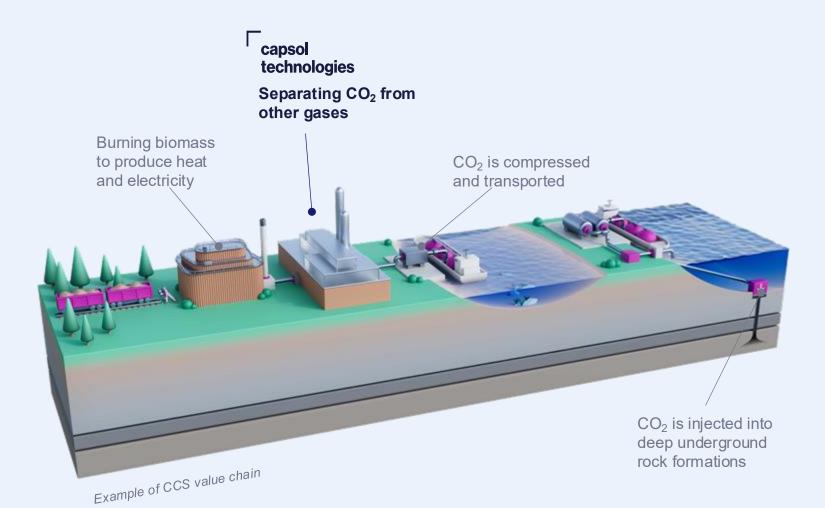
Flexible cost base supports disciplined execution

Engaging selectively in value-accretive strategic partnerships



Appendix

Capsol delivers robust carbon capture technology



Capsol for BECCS (bio-energy carbon capture and storage)

- Ability to capture a wide range of flue gases: 3-30%¹
- Top tier capture rate: 90-95%
- Purity that meets industry standards:+99%



Vision

To accelerate the world's transition to a net zero future

Mission

Deliver energy-efficient and safe carbon capture technologies

Illustration of the CapsolEoP® process

A full capture solution for CO₂-emitting industries

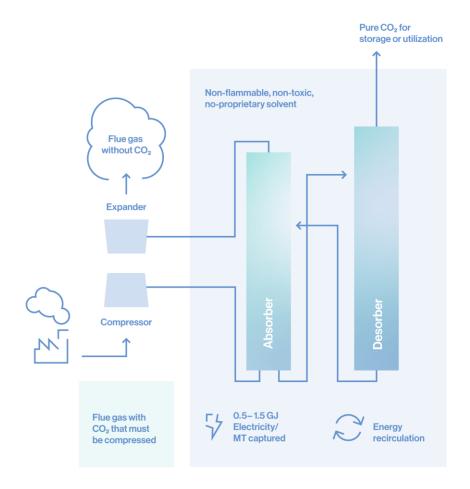
Cement, biomass, energy-from-waste (EfW), power generation and large industrials

Capture capacity from 100,000+ tonnes CO₂/year

Stand-alone end-of-pipe (EoP) solution, easy retrofit with parent plant

District heating integration - maximizes efficiency

Flexible configuration - minimal electricity consumption or maximum district heating output



Licensing agreements overview

	stockholm exergi	Large European utility	kva linth energie+recycling
Project capture capacity (tonnes)	800,000	550,000	120,000
Key milestones	Signed: Q3 2022FID taken Q1 2025	Signed: Q4 2023Expected FID: 2026	Signed: Q1 2024Expected FID: 2026/2027
Terms	At a discount to the target range as a result of Stockholm Exergi being a first mover	Within target range of EUR 10-15²/tonne capacity installed	

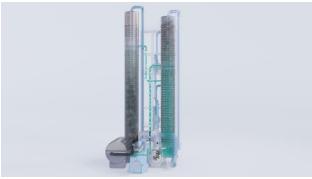
Emerging as a preferred technology in key industries

Biomass/energy-from-waste

Clean power and new business opportunities in carbon removal

- Low energy consumption
 - Safe solution fit for residential areas
 - Can boost district heating

Cement



Meeting new regulations and staying competitive

- Lower energy consumption with higher CO₂ concentration
- Easy plant integration; no need for external steam supply

Gas turbines



Decarbonize hard-to-abate gas power

- Lower cost than alternatives
- Efficient at low CO₂ concentrations
- Can generate additional electricity

Project pipeline capacity and revenue potential

7.7 mt NOK1.1bn

12 mt NOK 1.8bn

1.4 mt NOK 0.2bn

Market drivers

Value proposition

2030 goals for long-term value capture

Ambition

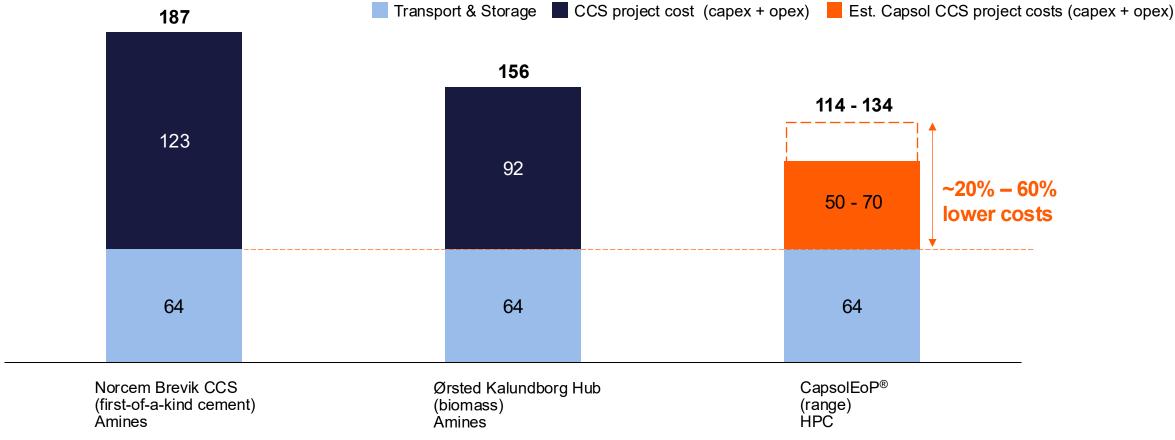
Becoming a leading global carbon capture technology company

- 1 Make point source carbon capture accessible and viable for more emitters
- Top 3 position in target segments: cement, biomass, waste-to-energy and gas power plants
- 3 Achieve 5-10% carbon capture technology market share globally¹
- 4 Achieve a licensing revenue of EUR 10-15 per tonne installed capacity
- 5 Achieve a pre-tax profit margin of 40-60%
- Ensure presence in the largest geographical markets: Europe, North America, Southeast Asia, India, and the Middle East



Capsol's technology can significantly reduce capture cost

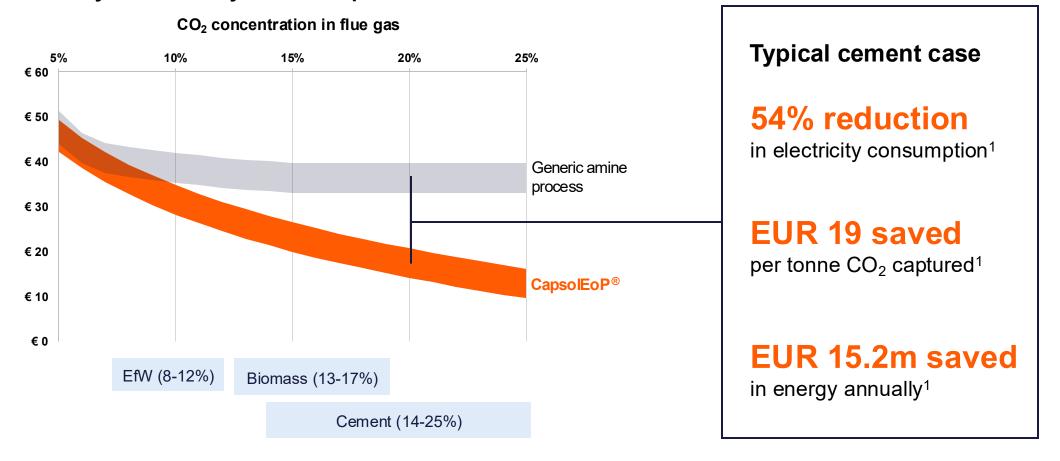
EUR per tonne CO₂ captured





Increasing energy savings at higher CO₂ concentration

Electricity cost for fully electric capture solutions





Risks and mitigating actions

Key risk factors

Small player

Competitors developing better technologies

Mitigating actions

- Licensing model highly scalable with limited resources
- Partnering with big global players to greatly extend reach, capacity and capabilities
- A clear strategic roadmap for organic growth and opportunistic approach to inorganic growth
- Highly capable and incentivised team
- Prove cost competitiveness and continue to implement learnings from executed projects
- Sound strategy and routines for patent protection implemented, continue to invest in R&D
- Consider establishing projects with long cash flows
- Opportunistic approach to acquiring promising new technologies

Annual review to identify risk factors and implement mitigating actions overseen by the board of directors

Management



Wendy Lam, Chief Executive Officer

An extensive career as an executive at Baker Hughes, Rolls-Royce Marine (now Kongsberg Maritime) and GE.

MBA from INSEAD/The Wharton School.





>15 years as advisor and executive in the energy and shipping sectors.

BSc Engineering, NTNU; MSc in Supply Chain Management, Cranfield School of Management ranking; MBA Finance, Authorized Financial Analyst (CEFA), Norwegian School of Economics.



Johan Jungholm, Chief Business Development Officer

10 years in Business Development, Complex Sales and Marketing and 15 years in energy sector.

BA in Geology and Environmental Science, University of Pennsylvania.



technologies

Robin Bodtmann – Managing Director Americas

> 30 years of experience (Wood, Amec and Air Liquide), including delivering EPC projects.

BS Biological Sciences, UNC Chapel Hill; BS Construction Management, ECU; MBA, Rice University.



Cato Christiansen, Chief Technology Officer

>20 years' experience from the energy sector. Former Shell, SPT Group and the Norwegian Ministry of Petroleum and Energy (CCS).

PhD in Mechanical Engineering, NTNU.



Philipp Staggat, Chief Product Officer

>10 years at Siemens, including lead commissioning engineer and project manager, before joining Capsol Technologies.

BSc Engineering, Berlin University of Applied Sciences, and MBA, London Business School.



Sam Thivolle, Chief Delivery Officer

>20 years in the upstream oil and gas sector, and extensive experience in CCS.

MBA from INSEAD; MSc Petroleum Economics, IFP; MEng Petroleum Engineering, Texas A&M; MSc Chemical Engineering, Chimie ParisTech.

Board



Endre Ording Sund, Chair

>40 years with management and board positions in the energy, banking and shipping sector.

Royal Navy Academy, Norwegian School of Management, Harvard Business School.



Wayne G. Thomson, board member

Extensive international career as a top executive within oil and gas, former Chairman of Svante Inc.

BSc in Mechanical Engineering from University of Manitoba.



Monika Inde Zsak, board member

Extensive career within energy, renewables, sustainability. MSc in industrial engineering and finance from NTNU and University of New South Wales, Australia (UNSW).



John Arne Ulvan, board member

Extensive career as a top executive with strong results from national, international and listed companies. MSc In Chemistry/Chemical Engineering from NTNU.



Ellen Merete Hanetho, board member

Experience from Brussels Stock Exchange, Citibank, Goldman Sachs, Credo Partners, Frigaardgruppen and Cercis.

BSBA from Boston University, MBA from Solvay University, executive training from INSEAD and Harvard Business School.

Capsol's International Advisory Board



Former CTO for Baker Hughes, former Group Director, Engineering & Technology for Rolls-Royce plc.



Director of the Payne Institute for Public Policy and Professor at the Colorado School of Mines. Worked with World Bank, United Nations, EU.



Experienced energy sector executive leader with experience from Baker Hughes, Gaffney Kline, Halliburton.



Vice President of Clean Technologies at Munters, leading Munter's carbon capture initiative.



Former CEO of Capsol Technologies. Previous management and board positions in the energy sector.



Managing Director of Carbon Limits, Independent Board Member for Carmeuse, an international lime producer.

Patent portfolio overview

Patent family 1:

Low emission thermal powerplant

Patent family 2:

Combined storage solution for natural gas and CO₂

Patent family 3:

Method and plant for transport of rich gas

Patent family 4:

Thermal power plant with CO₂ sequestration

Patent family 5:

Purification of flue gas from marine diesel engines

Patent family 6:

Oil sand production without CO₂ emission

Patent family 7:

Heat integration in CO₂ capture

Patent family 8:

Method and plant for CO₂ capture

Patent family 9:

Heat recovery for CO₂ capture (pending)

Patent family 10:

Method and plant for CO₂ capture from a district heating plant (pending)

Patent family 11:

Energy integration of CO₂ capture with a powerplant (pending)

Value chain overview

Carbon capture technology

Operations and maintenance

Liquefaction & intermediate storage

Storage

74

CO₂ emission/ plant

- Technology licensed out globally directly or through partners (re-sale)
- Sales engineering
- Client selects independent provider or via Capsol partnerships

EPC¹

- bidding is important for client to reduce overall cost
- Capsol supports client through both the EPC tendering process and actual EPC work

- Client selects independent provider or operates themselves
- Capsol offers support and expertise, in addition to optimized technical solutions during lifetime of projects
- Client selects an independent provider
- Capsol integrates energy waste from liquefaction to reduce energy consumption in the capture plant
- Clients selects independent provider

Transport

- Capsol can provide independent advice to client
- Client selects independent provider
- Capsol can provide independent advice to client

Supporting client through the value chain, but client remains free to choose providers



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Our vision is to accelerate the worlds transition to a net zero future