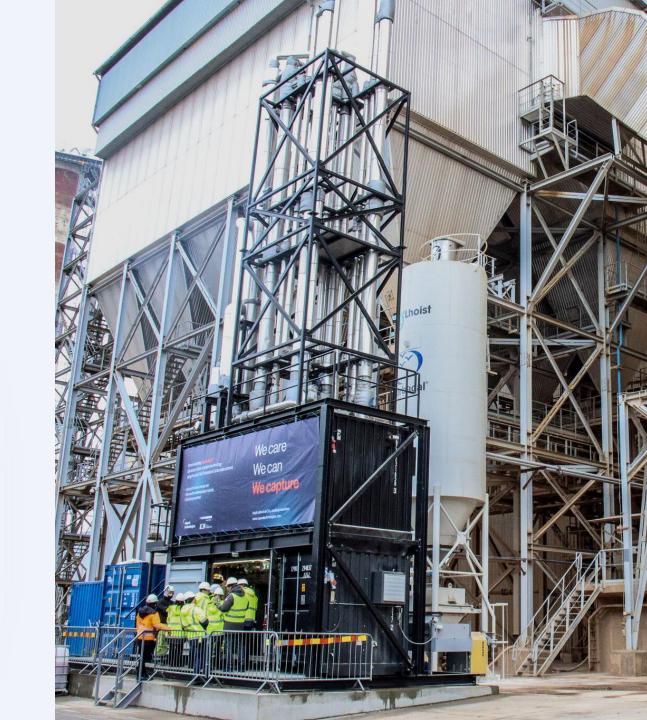
capsol technologies

# Strengthened CCS business case fuels pipeline growth

**Company presentation** 

March 3, 2025

**CEO Wendy Lam and CFO Ingar Bergh** 



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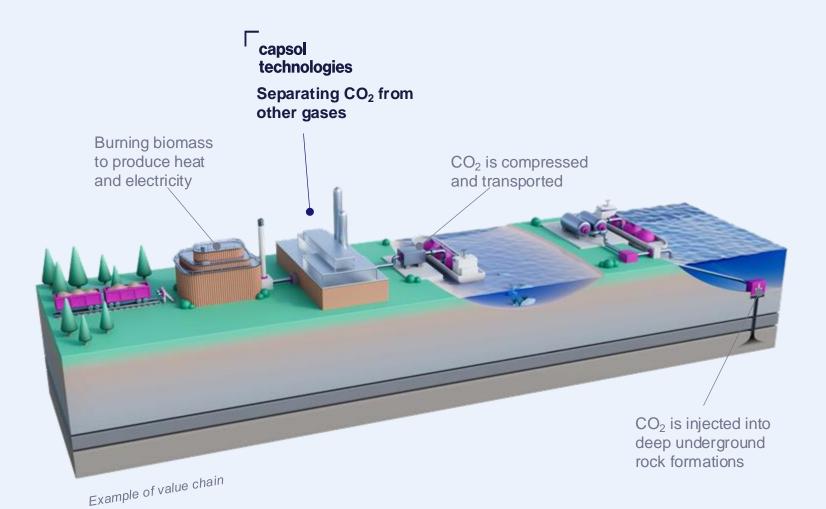
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### Capsol delivers robust carbon capture technology



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

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

### Licensor of point source carbon capture technology



Offering carbon capture and heat recovery in one system

Attractive capture cost

20-60%

Lower than amines<sup>1</sup>

Technology experience

Decades proven chemistry >17 000 hrs of demonstration Electricity consumption

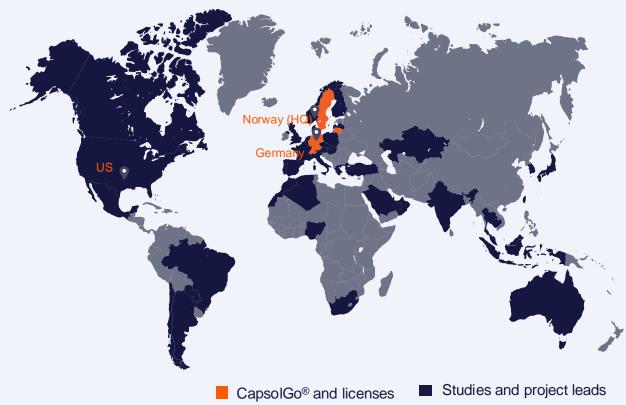
0.5 - 1.5

GJ per ton of CO<sub>2</sub> captured<sup>2</sup>

Mature pipeline

17.2mt

Up ~45% year-over-year





#### Highlights – Q4 and full-year 2024

### Strong revenue and pipeline growth

- Revenues increased 2.75x to NOK 94.2 million
- 45% y-o-y growth in mature project pipeline to 17.2 million tons annual CO<sub>2</sub> capacity
- EUR >200 million revenue potential in projects that can reach FID next three years

### Capsol's technology verified by industry leaders

- Stockholm BECCS set for FID after receiving EUR 1.7 billion in governmental support
- Technology further verified through CDR¹ sales, EU support and environmental permit
- Increasing commercial traction with leading industrials, including Holcim and SUEZ

# Initiatives to drive performance and value capture

- Launched HPC R&D Center and initiated project with Stockholm Exergi and partners
- R&D program aimed driving performance and enabling recurring services revenue
- Current business plan fully funded, NOK 64.4 million in cash

#### Recent news – commercial traction continues

Total mature project pipeline >17m tons of CO<sub>2</sub> capacity



Jan 16, 2025 – **European cement plant** awards Capsol Pre-FEED. 600,000 tons of CO<sub>2</sub> per year.



 Dec 20, 2024 – Large European utility awards Capsol feasibility study for energy-from-waste **plant**. Study focuses on a solution for a large-scale operation.



HOLCIM • Dec 16, 2024 – Holcim Group to test Capsol's technology in Q2 25 at Dotternhausen cement plant, Germany.



• Dec 5, 2024 – Suez awards Capsol feasibility study for energy-from-waste plant in France. >150,000 tons of CO<sub>2</sub> per year.



 Dec 2, 2024 – Global energy company awards Capsol feasibility study for one of its oil refineries in Northern Europe. **800,000 tons** of CO<sub>2</sub> per year.



Oct 1, 2024 – Cement producer in Germany awards Capsol a feasibility study for a cement plant. **400,000 tons** of  $CO_2$  per year.

#### Strong traction driven by demand and competitiveness

17mt mature pipeline at end of Q4 2024 representing up to EUR ~260m pre-tax profit potential

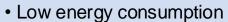


#### Emerging as a preferred technology in target industries

#### **Biomass/Energy-from-waste**

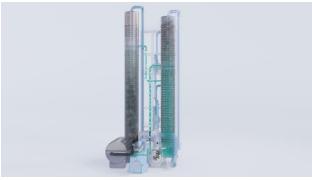


Clean power and new business opportunities in carbon removal



- Safe solution fit for residential areas
- Can boost district heating

Cement



Meeting new regulations and staying competitive

- Lower energy consumption with higher CO<sub>2</sub> 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 CO<sub>2</sub> concentrations
- Can generate additional electricity

Project pipeline capacity and revenue potential

**7.8 mt** EUR 80-115m

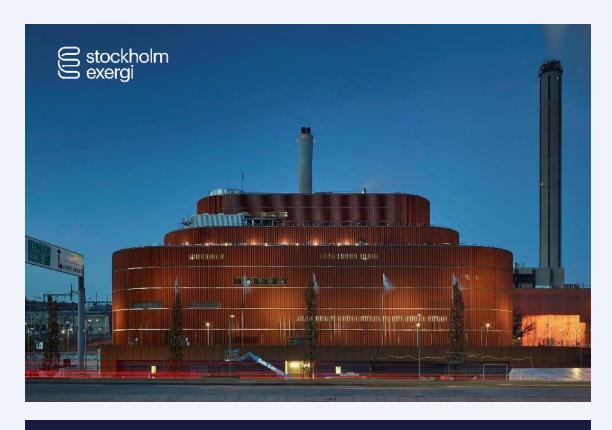
**8.5 mt** EUR 85-125m

In commercialization
Pre-FEED study delivered



Market drivers

Value proposition



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

Plant

Värtaverket

Installation type

Combined heat and power plant

Type

BECCS<sup>1</sup> (Bioenergy Carbon Capture and Storage)

Full-scale deployment

800,000 tons CO<sub>2</sub> / year by 2028

# First licensing fee from flagship BECCS project

- Payment terms of the licensing agreement for CapsolEoP® were met by the end of 2024
- The CapsolEoP® technology has been validated through several significant milestones:
  - √ 180 million EUR awarded by EU
  - ✓ Environmental permitting complete
  - ✓ World's largest agreement with Microsoft for carbon removal
  - ✓ Agreement with Frontier for carbon removal
  - ✓ The Swedish Energy Agency committed EUR1.7 billion, announced January 27, 2025

#### Scalable business model yielding attractive returns

Low capital intensity

Zero capex risk

40-60% pre-tax

MAIN REVENUE CONTRIBUTION IN THE PAST

**Engineering and demonstration campaigns payments** 

MAIN CONTRIBUTION GOING FORWARD

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

**Sales** engineering

**Engineering** study

**Demonstration campaign** (optional)

Licensing agreement Final investment decision (FID)

**Operational** plant

Technology license fee EUR 10-15/ton CO<sub>2</sub> capture capacity

**Future services** 

# First licensing revenue – first profitable quarter

- 2.25x Q4-on-Q4 revenues, to NOK 36.1 million
- 2.75x y-o-y revenues, to NOK 94.2 million
- Demonstration campaigns and engineering still main revenue driver, first license revenue booked Q4 2024
- NOK 3.2 million pre-tax profit, NOK -32.8 million for the full year
- Operating expenses of NOK 32.2 million for the quarter and 124.9 million for the full-year
- One FID per year sufficient to generate annual profit

#### Revenues



#### Operating expenses



#### Milestones expected next 6-12 months

De-risking the path towards long-term goals and revenue potential

### Stockholm Exergi FID<sup>1</sup>

Entered next phase of commercialization with first technology licensing revenue

# Fully booked CapsolGo® capacity

Generating high margin revenue and supporting acceleration of license agreements and FIDs

### New licensing agreements

Proving technology attractiveness for additional industries and growing revenue and profits

## Bringing CapsolGT® to market

Moving to next step of commercialization, towards FEED

### **Expanding** partnerships

Increasing Capsol's ability to reducing capture costs and capturing market share

Scaling deployment of current business model ... while building base for new products and services for the future