

From technology to impact: real-world deployment of CDR

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March 24, 2026



Licensors of point source carbon capture technology

Carbon capture and heat recovery in one system for energy production and hard-to-abate sectors

Attractive capture cost

20-60%

Lower than amines¹

Demonstration hours

>20,000

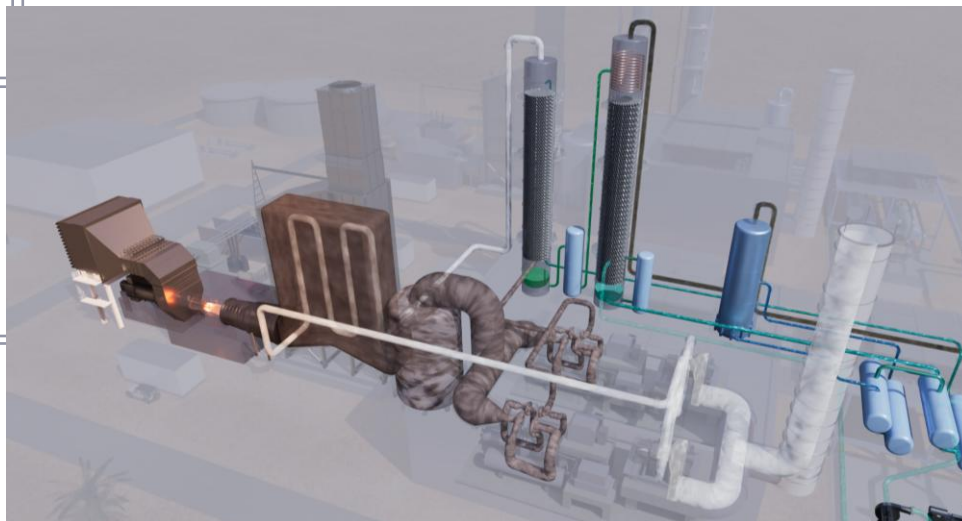
Ten campaigns, proven chemistry 15 years+ experience²

Electricity consumption

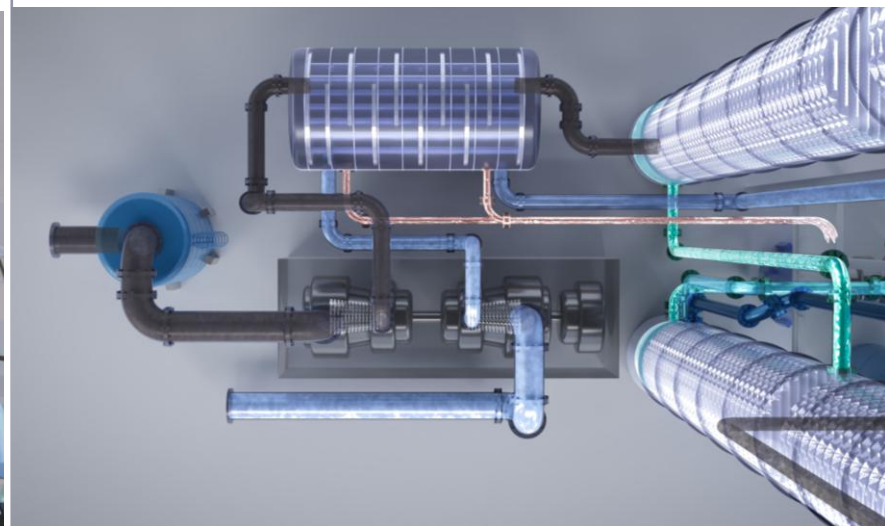
0.7-1.5⁴

GJ per tonne of CO₂ captured³

Americas: focus on gas turbines



Europe: focus on cement and biomass/EfW



Large scale carbon removals across sectors

BECCS



Stockholm Exergi

Sweden: FID in Q1 2025

800ktpa

100% biogenic CO₂

CEMENT



Holcim

Collaboration agreement to decarbonize plants

Up to 30% biogenic CO₂

WASTE-TO-ENERGY



Various projects

Primarily Europe, growing interest in Americas

~50% biogenic CO₂

PULP & PAPER



Various projects

Americas, Europe

~90% biogenic CO₂

The challenges Capsol solve...



Cement producers

CCUS only viable path to deep decarbonization

- Limited alternatives to carbon capture
- Intensifying regulatory pressure
- High cost of downtime



Biomass and EfW

Corporate net-zero targets drive voluntary CDR markets

- Growing demand for negative emissions
- Carbon removal must be cost-competitive
- Complex flue gas and variable feedstock



Gas turbine Owners

Operators must reduce CO₂ while maintaining reliability

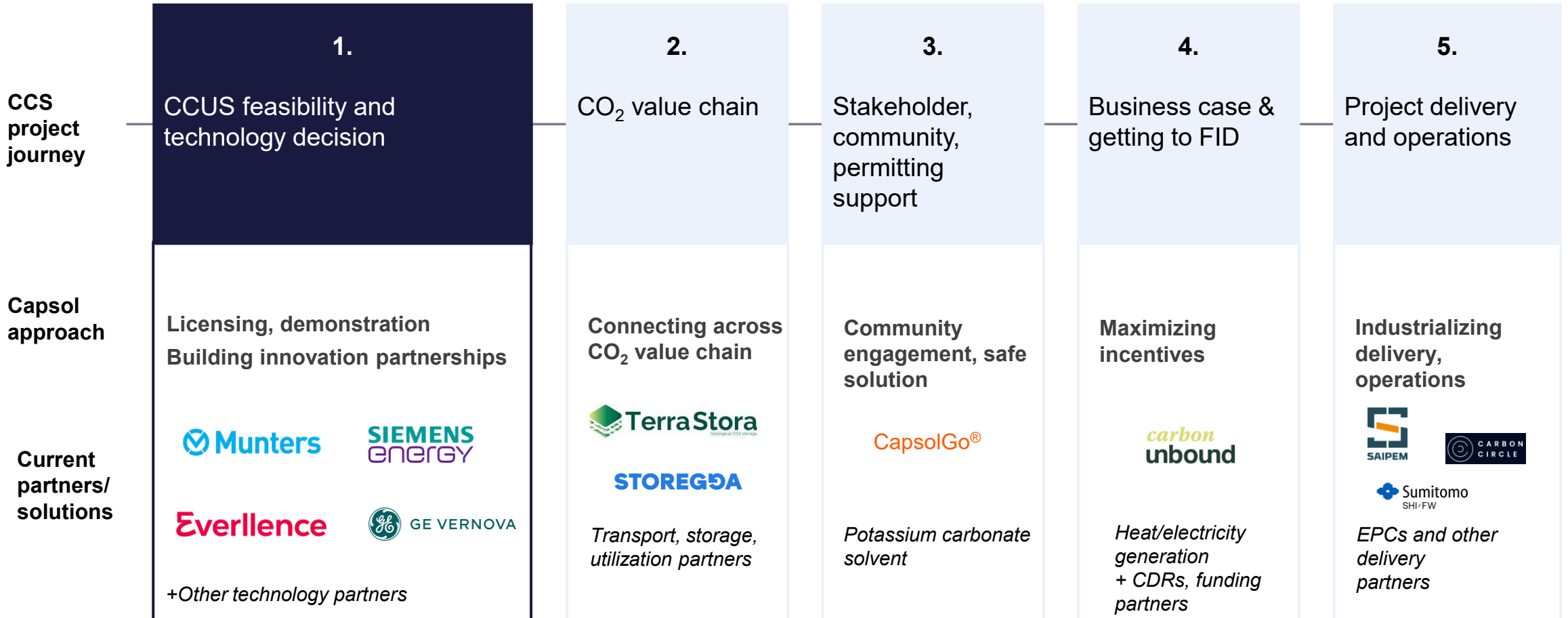
- Pressure to decarbonize firm, dispatchable power
- IRA 45Q incentives drive economics
- Limited space & integration challenges

Making CCUS easier to procure and deploy

- Partnering – stronger together in all parts of the value chain
- Innovation – reduce costs, risks and increase value proposition



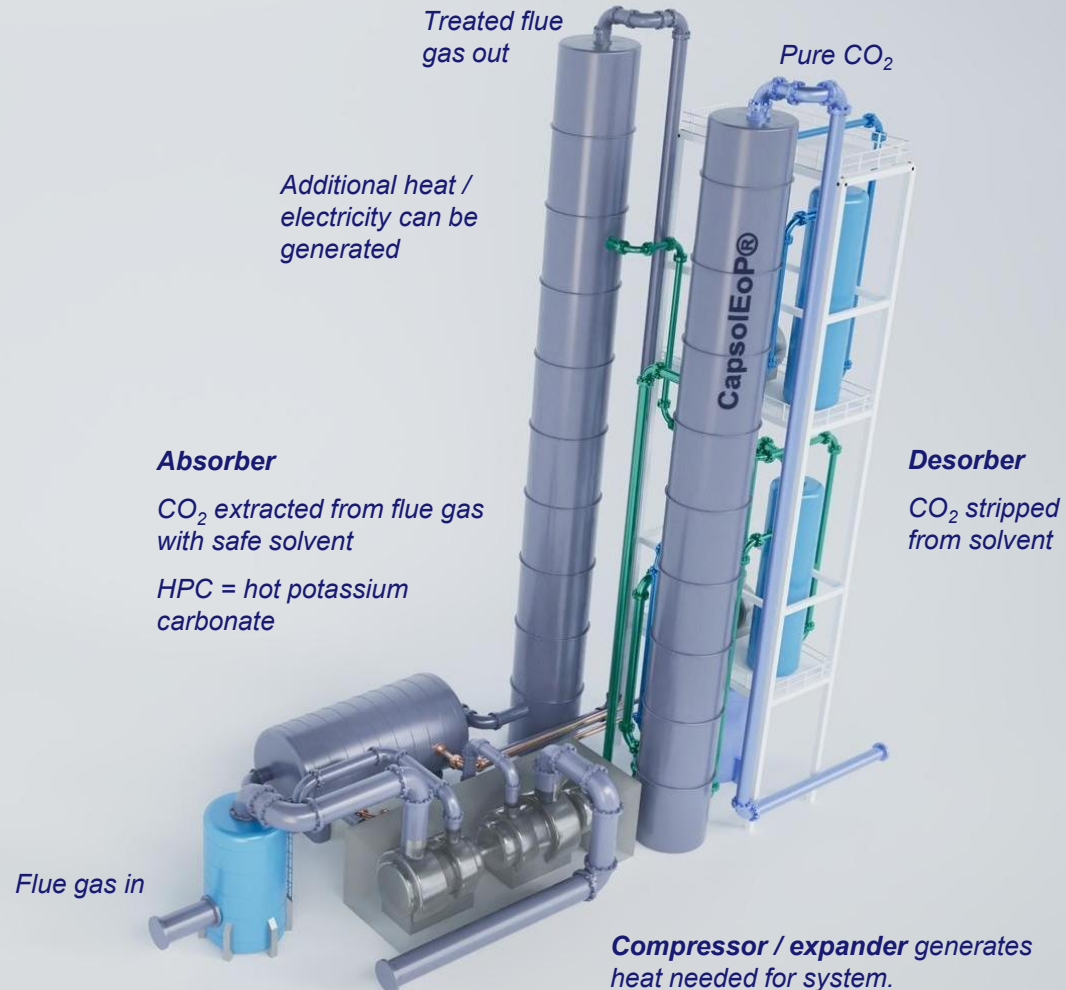
Partnering to support the projects – many and growing



Innovating for large scale carbon removal

Deploying proven, existing chemistry
with power plant approach...

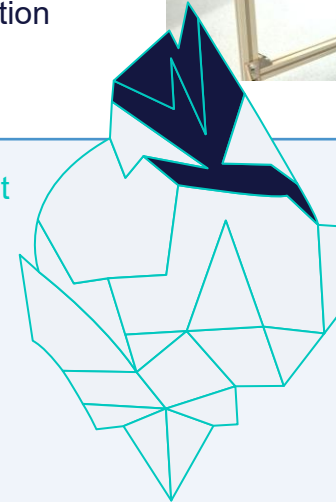
...while innovating further to reduce energy / cost



- Proven, safe solvent
- Easy integration, little to no water need
- Non-proprietary, affordable and widely available
- Heat generation & integration
- Regeneration
- Degradation



- Plant design & equipment
- Modularization
- HSE Improvements
- Blends, additives, promoters
- Optimized integration
- Hybrid technologies
- Project execution



Capsol innovation

- R&D Center in Norway
- 12 patent families
- Proprietary simulation model
- Joint Industry Projects
- New IP being developed continuously
- AI – machine learning, digital twins

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