



**Revcoo**

Global cooling

# *Cryogenic CO<sub>2</sub> Capture Industrial Decarbonization*

*A scalable Carbon Capture solution for Various Industries*



# Revcoo in Brief

*Mission: Retrofitting today's industry for tomorrow's low carbon-economy*

- Founded in 2019 – Vénissieux, France
- 12 engineers former experts from O&G, petrochemistry and flue gas treatment
- With the support of:





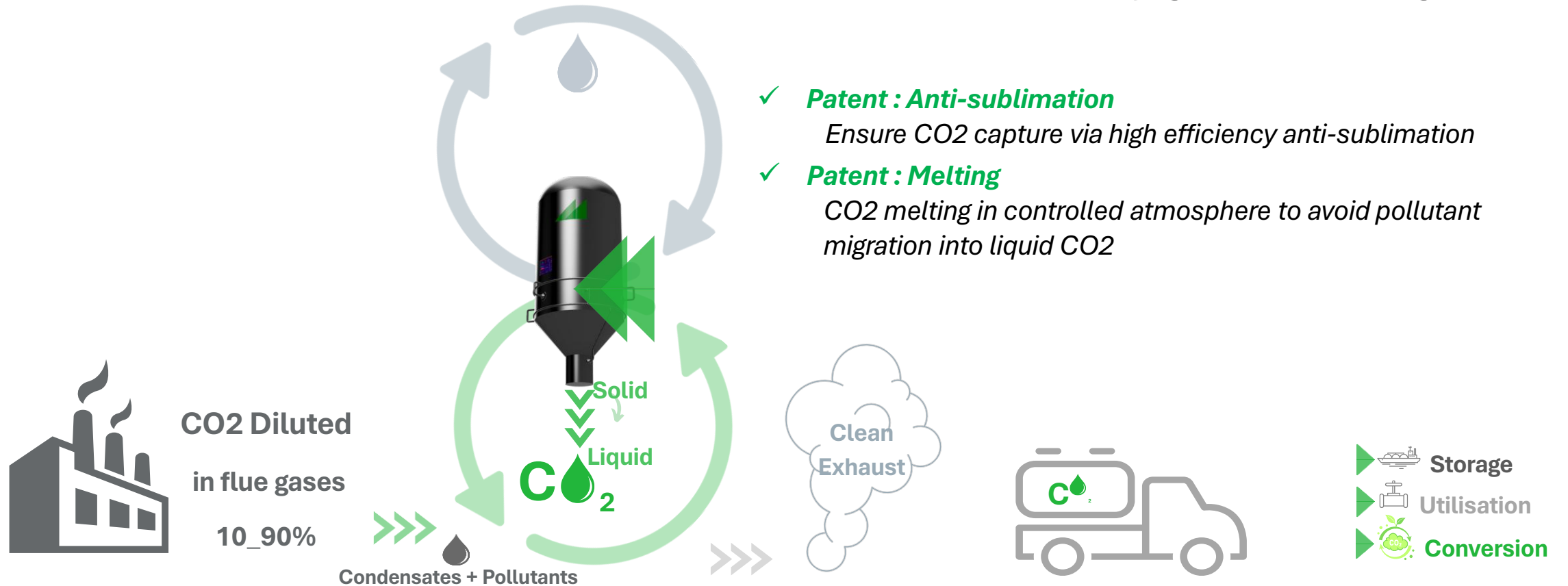
## Anti-sublimation

Isolate gases as **pure** solids, **simpler** and more selective than cryogenic distillation.

&

## Continuous separation

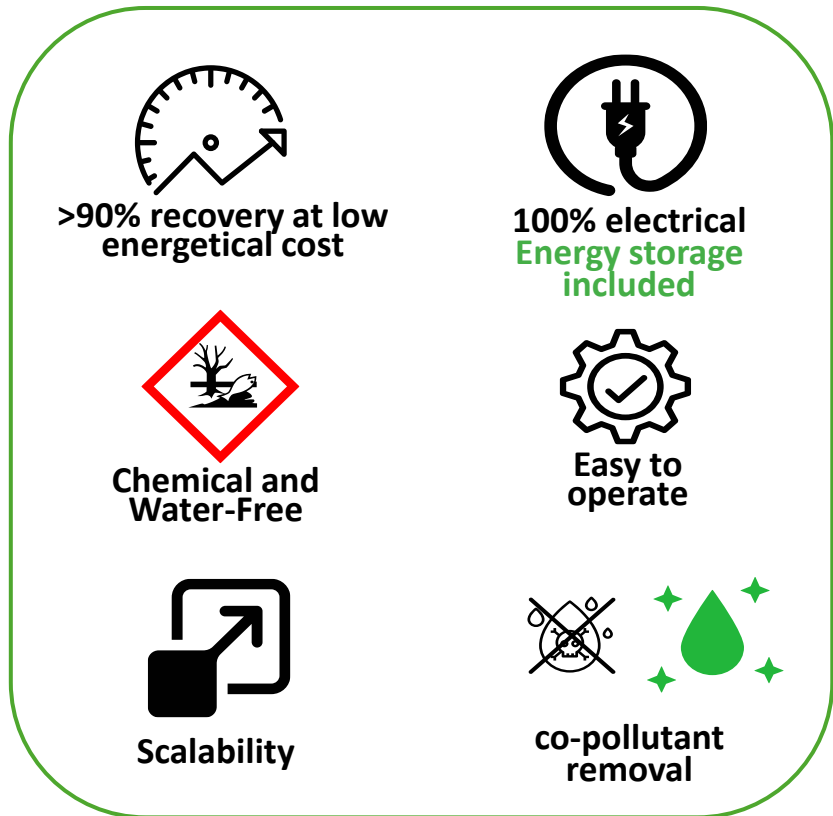
Maintain the **selectivity** of anti-sublimation prior to on-site cryogenic conditioning.





# CarbonCloud Concept

*Driving cost efficiency through reliable, low-risk process innovation*



- **High-purity CO<sub>2</sub>** extraction for direct use or storage
- **On-site CO<sub>2</sub> readiness**—no need to wait for future infrastructure
- **Minimal permitting** requirements for fast and flexible installation
- **Cost-competitive** deployment with scalable economics
- Carbon capture that reaches **beyond industrial hubs**—accessible anywhere



# Technology maturity

*Industrial R&D partnerships powering applied technology development*



**MVP**  
**2020**



**Proof Of Concept**  
**2021**  
[Video](#)



**Lab Scale**  
**Prototype**  
**2022**



**Industrial Pilot**  
**2024**  
[Video](#)



**Batch process**



**Combustion biomass or  
waste energy production**



**O2 enrichment**

**Next steps**



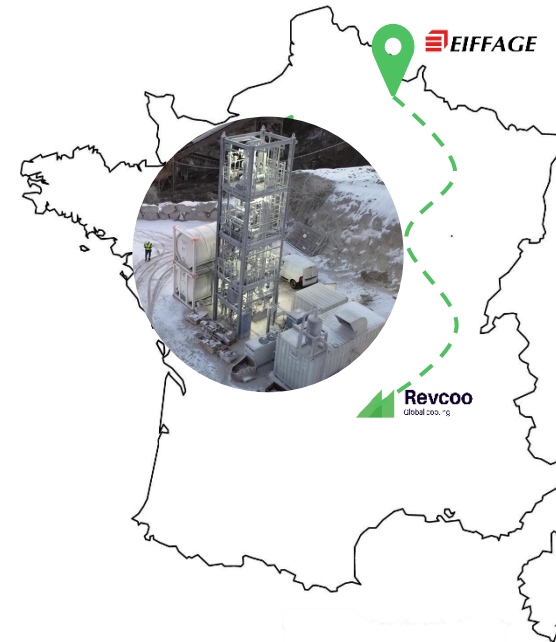
# Status

*Real-condition deployment bridging innovation and market readiness*

**4 M€** invested over **4 years**,  
with a team of **12 people**, **15 years** average experience in O&G or chemical industry

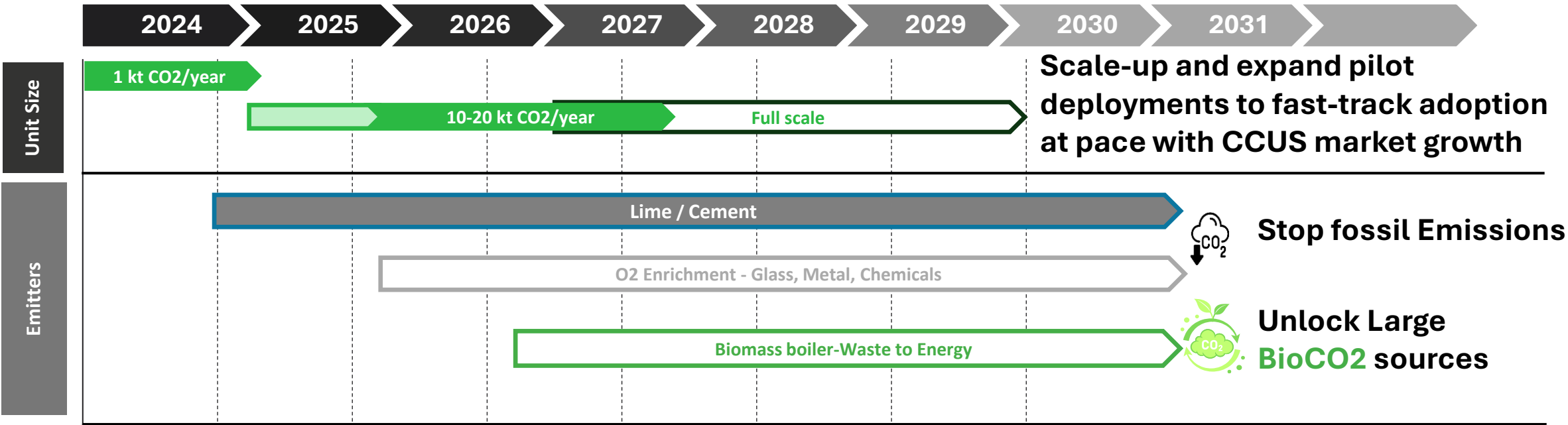
## Our Pilot, installed in 2024 is:

- Processing 2t liquid CO<sub>2</sub>/day, 95% recovery, > 99% purity
- Operating **24/7**
- **CE** marking
- On a Lime kiln owned by Eiffage





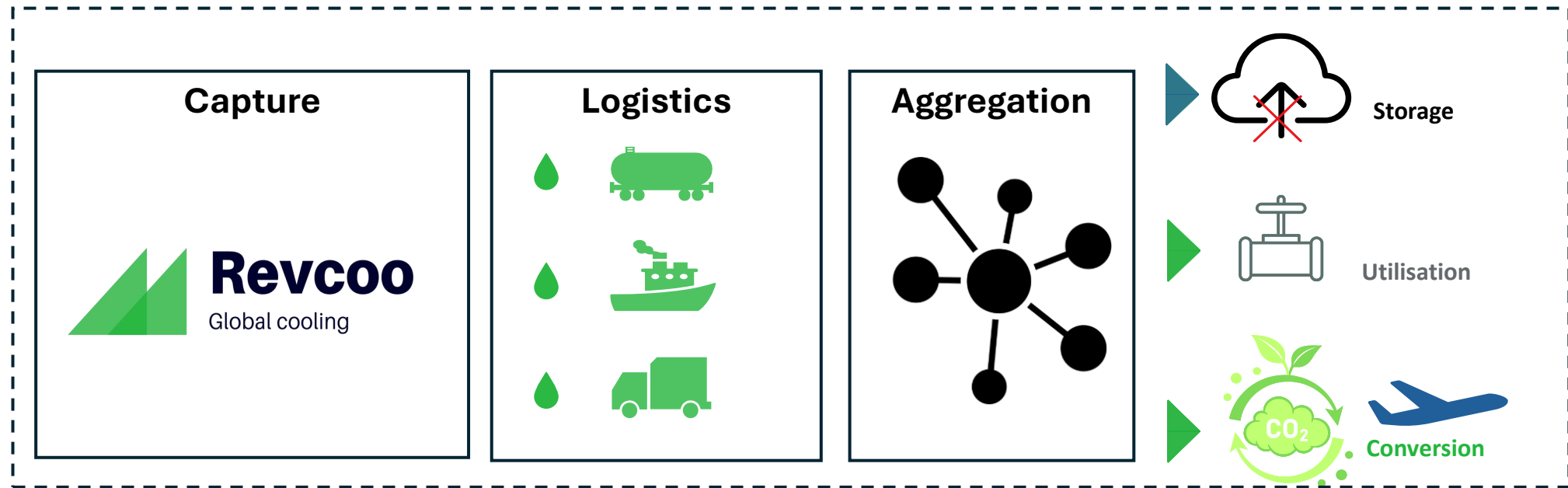
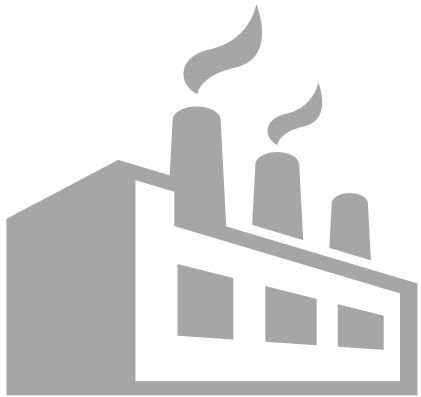
# Scale Up Plan





# ***Business Model for dispersed Industries : Service ?***

*Capture as service to CO<sub>2</sub> as service*



=> Calls for an industrial **consortium**



# A F.O.A.K. of 8-10 000 t CO<sub>2</sub> pa operational in 2028

*as a first industrial step to 300 000 tCO<sub>2</sub> pa and More*



**Accelerating** the CCUS market — **aligned** with pre-existing ecosystems and industry realities.

# As every day **matters** in reducing our **carbon** footprint

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