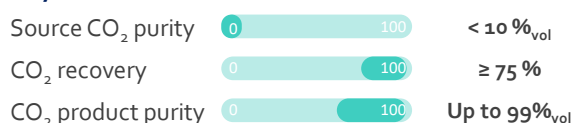


Product presentation

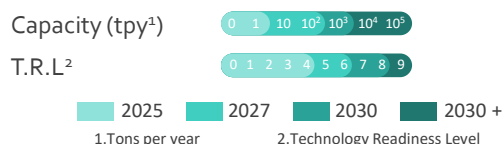
Our carbon capture solution is designed for industrial sites whose effluents have a low concentration of CO₂.

Our capture process is based on Metal-Organic Framework materials coupled with Temperature Swing Adsorption, to capture CO₂ from a wide variety of industrial point sources.

Key Data

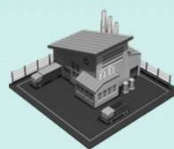


Technical Roadmap



Main applications

Waste-to-energy plants



Electricity and heat generation plants



Industrial heating, off-gas burners



Others: engine benches, CO₂ process



Reduce your carbon **footprint.**

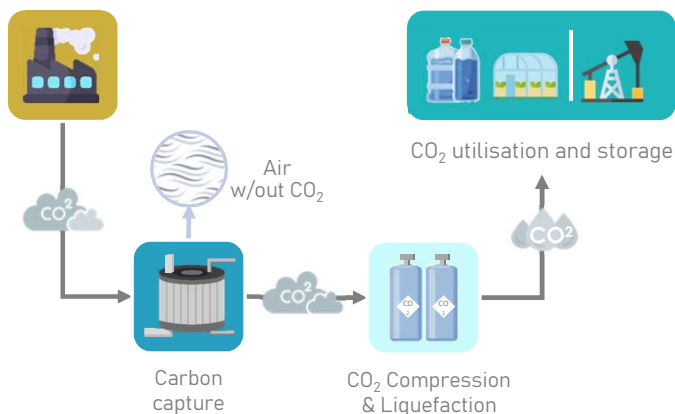
Be part of the **decarbonization** of our industries.

Our solution

Our process relies on a continuous cycle of adsorption and desorption steps.

As the gas stream passes through several adsorbers, the CO₂ is retained on the surface of an adsorbent.

When the adsorber is heated, these interactions relax, releasing the CO₂ for later collection.



Our advantages



Reduced energy consumption



Reduced footprint



Optimized CAPEX/OPEX



Easy maintenance operations



Solvent-free solution



Positive impact on the UN's Sustainable Development Goals



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contact.pure@safran.com

Let's go to Net Zero !

