



## OUR STRENGTHS

Climate, environment and circular economy

CO<sub>2</sub> capture, storage and use



### CO<sub>2</sub> CAPTURE, STORAGE AND USE

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Long-standing expertise in the field of [gas treatment](#) with a focus now on CO<sub>2</sub> capture processes.

A **pioneer** in the development of post-combustion capture technologies, notably steering the European [CASTOR project](#).

Unique **experimental facilities** for CLC oxycombustion capture technology:

- o cold model
- o 10kW pilot
- o atomizer for particle production

Exhaustive **geoscience** expertise enabling us to propose solutions for **large-scale and secure CO<sub>2</sub> storage**: validated expertise throughout the storage chain, via numerous collaborative projects including:

- screening of an aquifer (the Ademe France Nord project)
- assessment of storage sites (European [SiteChar project](#), coordinated by IFPEN and winner of the Etoiles de l'Europe award)
- monitoring and surveillance of a storage facility (European [CO<sub>2</sub>Remove project](#))
- abandonment study (European [CO<sub>2</sub>Care project](#))

- long-term surveillance tools (European [Mirecol project](#))

Expertise in the field of [Life Cycle Analysis](#) enabling an exhaustive technical, economic and environmental approach to CCUS research.

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## CONTACT



### **Florence Delprat-Jannaud**

Program manager: “CO2 capture and storage” and “Underground management for New Technologies”

[florence.delprat-jannaud@ifpen.fr](mailto:florence.delprat-jannaud@ifpen.fr)

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