Successful operations since 2004

The In Salah CO\textsubscript{2} Storage project is the world’s largest saline formation storage project, using three state-of-the-art horizontal wells to store 1 mmtpa CO\textsubscript{2} in low permeability carboniferous sandstone, very similar to that commonly found in the UK Southern North Sea. It is located onshore in Algeria, in the southern Saharan desert, 1200 km south of Algiers.
Surface Operations

In Salah Gas, Krechba, Algeria

Natural gas from producing fields up to 7% CO₂

Export CO₂

Export gas 0.3% CO₂

CO₂ injection

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In Salah – CO₂ storage

- Cretaceous Sandstones & Mudstones ~900 metres thick (Regional Aquifer)
- Carboniferous Mudstones ~950 metres thick
- Carboniferous Reservoir ~20 metres thick
- 4 Gas Production Wells
- 3 CO₂ Injection Wells

Processing Facilities

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In Salah – CO₂ storage

Reservoir
Injectors
Producers

Gas-Water Contact
- 1330 metres below Mean Sea Level
- 1900 metres below Ground Level

First Gas Development Well Locations

Surface
CO₂ injection history

MONTHLY CO₂ INJECTION DATA

Injected CO₂ - All Injectors (MMscf)
KB-502 Injection (MMscf)

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