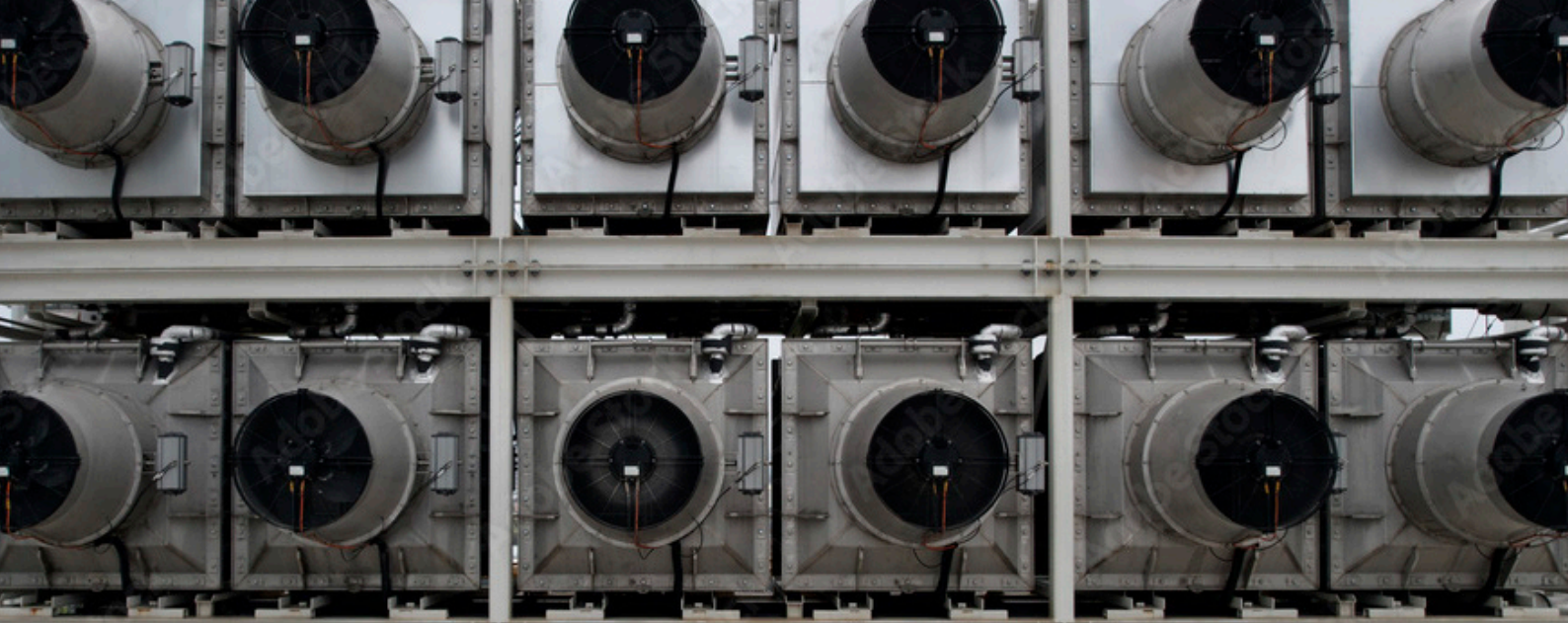


# Fact Sheet: Carbon Capture Utilization and Storage (CCUS)





## Introduction

Legacy subsurface exploration has been powered by intelligence that has enabled decision making at a strategic and operational level. The datasets that have been used can, when enhanced, be repurposed to meet the needs of the CCUS Industry.

## What is the CCUS Offer?

Our CCUS solution comprises data, software and insights which provides companies with the ability to make informed decisions on their CCUS Projects. Drawing on datasets spanning the Upstream, Midstream and Downstream markets, components include Emissions Data, Cost and Economic Data, Subsurface Geological Data, Technological Performance Data, Environmental Data, and Policy and Regulatory Insights.

## How do clients benefit?

By enabling a comprehensive, in-depth, view of the factors impacting the success of a CCUS project clients can

- Identify and Manage risk
- Monitor, Report and Validate emissions performance
- Screen and assess potential storage sites
- Benchmark against competitors
- Understand regulatory and policy regimes in different jurisdictions
- Manage costs with current and projected estimations
- Identify commercialization opportunities

## Why is it so important?

CCUS is a key weapon in combating climate change to achieve Net Zero targets, and its technology is ever evolving. The industry is rapidly growing and under increasing pressure to raise its performance. Project failure is costly, and operators need to identify risk throughout the chain, quickly and accurately.

Intelligence is needed on the

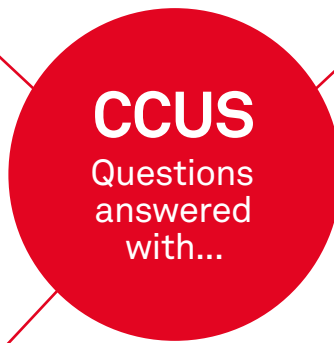
- Regulatory and Policy environment
- Technology – developments and innovations impacting CCUS
- Emissions – volumes, composition, intensity, emitter location
- Infrastructure – transport, pipeline and shipping, ports, CO2 processors
- Competition – activity, technology
- Subsurface structures, wells, reservoirs, and saline aquifers.

We provide the holistic, detailed, datasets and insights to make informed decisions with intelligence.

## Carbon Capture

How is the regulatory, policy and fiscal environment evolving in the region?  
Where is CCUS activity happening?  
How CCUS Strategies differ in peer groups?  
What are the current and forecasted costs for a varied portfolio of projects by size and type?  
How are technologies developing for CCUS?

- Upstream Enhanced Emissions
- Upstream Transformation
- Clean Energy Technology
- Global Exploration and Production
- Service (GEPS) Reports
- Corporate Emissions
- Process Economics Program (PEP)
- Carbon Markets



## Utilization & Storage

Which depleted fields could be storage sites?  
Which basins have known saline aquifers?  
What dry structures are nearby?  
What is the seal and how extensive is it?  
What are the subsurface properties for a depleted reservoir?  
What are the physical properties of the site?  
Is there risk of leakage?

- E&P Data
- GEPS
- Basins
- Base Content
- AccuMap™ Data Analysis Software/ AccuLog™
- US Land Data
- Energy Studio: Impact
- Digital Logs
- Seismic Surveys
- Kingdom™ Geoscience Software
- Analytics Explorer
- Harmony Enterprise™ Reservoir and Production Software

## Transportation

What CO2 volumes are being captured?  
How many gas processing plants are there in the region?

- Midstream Essentials
- Upstream Enhanced Emissions
- Corporate Emissions
- Upstream Transformation

## How are datasets accessed?

Data is accessible by API, Snowflake, and browser interfaces. Map feature services provide spatial presentation of data for an enhanced view.

## Who can I contact to learn more?

For more information, please email us at [CI.support@spglobal.com](mailto:CI.support@spglobal.com) or contact your local SP Global Commodity Insights Office below.

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