

CCUS at S&P Global Commodity Insights

A multi-dimensional solution for above and below ground project evaluation

S&P Global
Commodity Insights

Unearth new insight throughout the CCUS value chain

Unlock the full potential of carbon capture, utilization and storage with S&P Global Commodity Insights. Our combined suite of data, analytics and software solutions are designed to guide you from early stage comparative analyses of cross-technology applications, and onwards through every phase of your project's lifecycle. With over 60 years of expertise supporting oil and gas exploration and production as well as complete coverage of emerging energy sources and clean technologies, we uniquely position ourselves to help you navigate risks across multiple dimensions.



As the world faces transformative shifts in geopolitics and climate policy, our capabilities empower you to evaluate the geophysical, technological, regulatory, and financial aspects of new projects. Our comprehensive data and analytics dashboards, complemented by our expert consultants, create powerful workflows that can help you validate CCUS opportunities for your business.

Whether your focus is emissions reduction, infrastructure development, or storage optimization, our tools support decision-making, enhance project viability and advance decarbonization goals across industries. Take the next step in your CCUS journey with S&P Global Commodity Insights, your trusted partner in making informed, strategic energy decisions that drive sustainable growth.

Enhance workflows across your organization

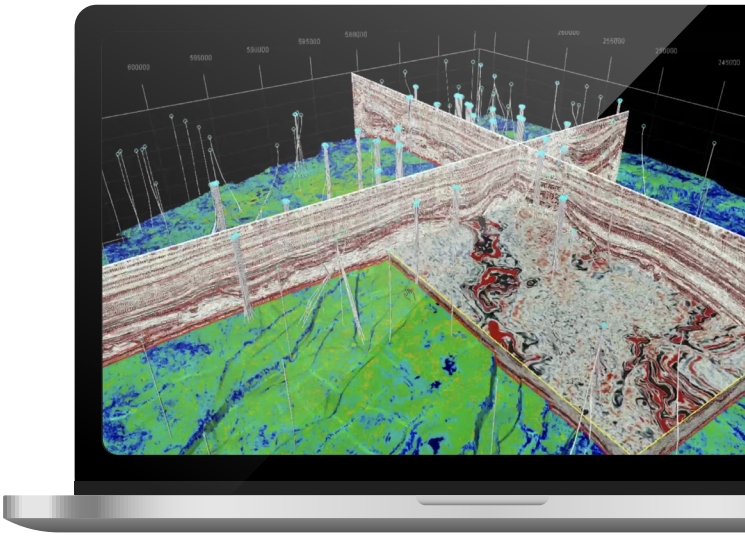
Through a combination of deep data insights and strategic analysis, we help clients map opportunity pathways, build compelling business cases, and design effective, tailored CCUS solutions.

Strategic analysis

- Analyze and compare sequestration solutions, technologies and their relative costs and track more than 1300 CCUS projects across different segments of the value chain
- Evaluate portfolio risks with 30-year sector and technology deployment outlooks, integrated energy scenarios, and country level policy, permitting and support framework information
- Identify opportunities to monetize key assets with geospatial mapping tools encompassing over 127,000 facilities and 4 million KM of pipeline
- Build your business case with our CCUS Cost Estimator providing OPEX and CAPEX estimations to evaluate investment requirements in onshore and offshore projects

Subsurface evaluation

- Assess potential CCUS sites by analyzing subsurface geological properties and risks, and identify the ideal locations for CO2 storage and Enhanced Oil Recovery (EOR)
- Leverage enhanced visualization of geospatial data related to subsurface characteristics to support decision making
- Incorporate historical well, production, drilling and completion data across multiple levels, from asset, to field, to region, for a comprehensive geological overview



Sustainability, scenario planning and finance

- Access transparent market data and analytics covering the global carbon and environmental markets, underpinned by the Platts pricing methodology
- Analyze broader transition risks and opportunities with integrated energy scenarios through 2050 and stress test a plausible base case view of energy transition
- Understand the implicatons of updates to global climate policy with detailed reports covering progress at the UNFCCC, NDCs and other regulatory frameworks relevant to carbon markets



Assess

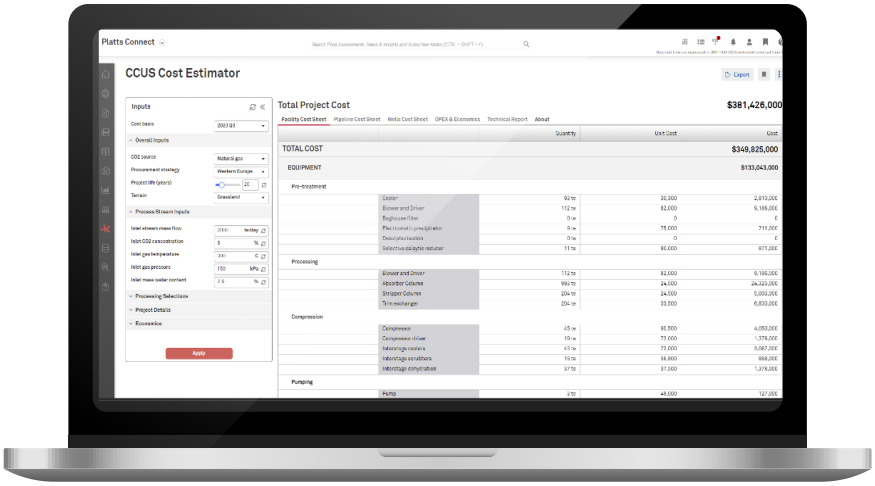
Our **cleantech analytics** delivers comprehensive and forward thinking market research for the CCUS industry, enabling customers to evaluate CCUS applications across key sectors through a combination of policy tracking, project, portfolio, technology assessment and cost analysis, offering granular technological insights and predictive trend analysis. Our supporting research into the holistic full-spectrum carbon solutions available to the upstream energy sector, power generation, hydrogen, cement, biofuels and bioenergy sectors means businesses can take their best first steps along their CCUS journey.

Identify

Our solutions empower industrial emitters, technology providers, transport operators and storage developers to identify the most suitable sites for potential project development. By leveraging critical insights, geospatial software and data tailored for the **upstream oil and gas sector**, customers can effectively manage reservoirs, define injection effects, and select locations with the best connections to local infrastructure.

Design

With the support of our **CCUS Cost Estimator tool**, businesses can evaluate various technologies, optimize configurations, and select the best-fit options, ensuring efficient carbon capture and utilization approaches that aligns with their operational goals. In addition, CI Consulting enables customers to design and execute on multi-scale CCUS projects by offering customizable solutions that meet specific use case requirements.



Monetize

With transparent **carbon market price assessments**, news, and insights, we empower customers to navigate the global carbon markets with confidence. Our analytics coverage encompasses both voluntary and compliance markets alongside supporting global policy analysis covering Article 6, UNFCCC policy and COP events. We enable customers to strategically position their carbon credits in global markets, maximize financial returns, and contribute to corporate sustainability goals.

Our insights in action

Explore these two use cases for a deeper dive into how we support customers at various points in their CCUS journey:

1. **A US power generation company's strategic approach to CCUS**.
2. **An Australian Oil Producer evaluates the feasibility of CCS across its upstream assets**.

Thank you for reading our brochure. Energy markets are more complex than ever, and we recognise the need to address uncertainty and meet your essential intelligence needs as the energy transition story evolves.

Learn more about our complete energy transition and sustainability offerings by visiting our solutions page.



About S&P Global Commodity Insights

At S&P Global Commodity Insights, our complete view of global energy and commodities markets enables our customers to make decisions with conviction and create long-term, sustainable value.

We're a trusted connector that brings together thought leaders, market participants, governments, and regulators to co-create solutions that lead to progress. Vital to navigating Energy Transition, S&P Global Commodity Insights' coverage includes oil and gas, power, chemicals, metals, agriculture and shipping.

S&P Global Commodity Insights is a division of S&P Global (NYSE: SPGI). S&P Global is the world's foremost provider of credit ratings, benchmarks, analytics and workflow solutions in the global capital, commodity and automotive markets. With every one of our offerings, we help many of the world's leading organizations navigate the economic landscape so they can plan for tomorrow, today.

To learn more about S&P Global Commodity Insights, visit: spglobal.com/commodity-insights

S&P Global
Commodity Insights

For more information, please email us at **ci.ai@spglobal.com**.
Copyright © 2024 S&P Global Inc. All rights reserved.

spglobal.com/commodityinsights