S&P Global
Energy

Upstream Transformation Service CCUS Project & Hubs Tracker



CCUS is a major pathway to achieving net zero target set by governments by 2050, and has a critical role in decarbonizing the energy system. CCUS is now under the spotlight as performance has fallen behind what is required and recently there has been a renewed interest with an increase in the number of proposed and actual deployments, this is fueling the pace of associated technology and process innovation.

What is CCUS Project & Hubs Tracker?

The S&P Global Energy CCUS Projects and Hubs Tracker is a comprehensive and global database for tracking, benchmarking, and evaluating CCUS projects. The database covers a broad scope of development concepts and capacities at different stages of development, including early projects.

For companies looking for new opportunities it provides an indication of the costs involved to develop and operate CCUS projects, and when presented with the subsurface analysis – helps with effective planning to increase the likelihood of a project's success.

For established players project benchmarking identifies opportunities that improve performance and reduce costs and where this might be achieved.

- Connected to our upstream subsurface data, the CCUS Projects & Hubs Database provides assessments on depleted oil and gas fields for the suitability for enhanced oil recovery (EOR) or storage projects.
- The database also provides the complete view of the project participants from technology suppliers to key engineering procurement and construction (EPC) contractors, and can be used to analyze a suppliers' market share.
- The database tracks carbon capture technologies and their suppliers to identify technical options and deployment progress.

As of November 2025, the CCUS Projects & Hubs Database has **1,417 projects with 200+ datapoints for each project**.

CCUS Projects & Hubs Tracker: Overview

1,417
Number of projects

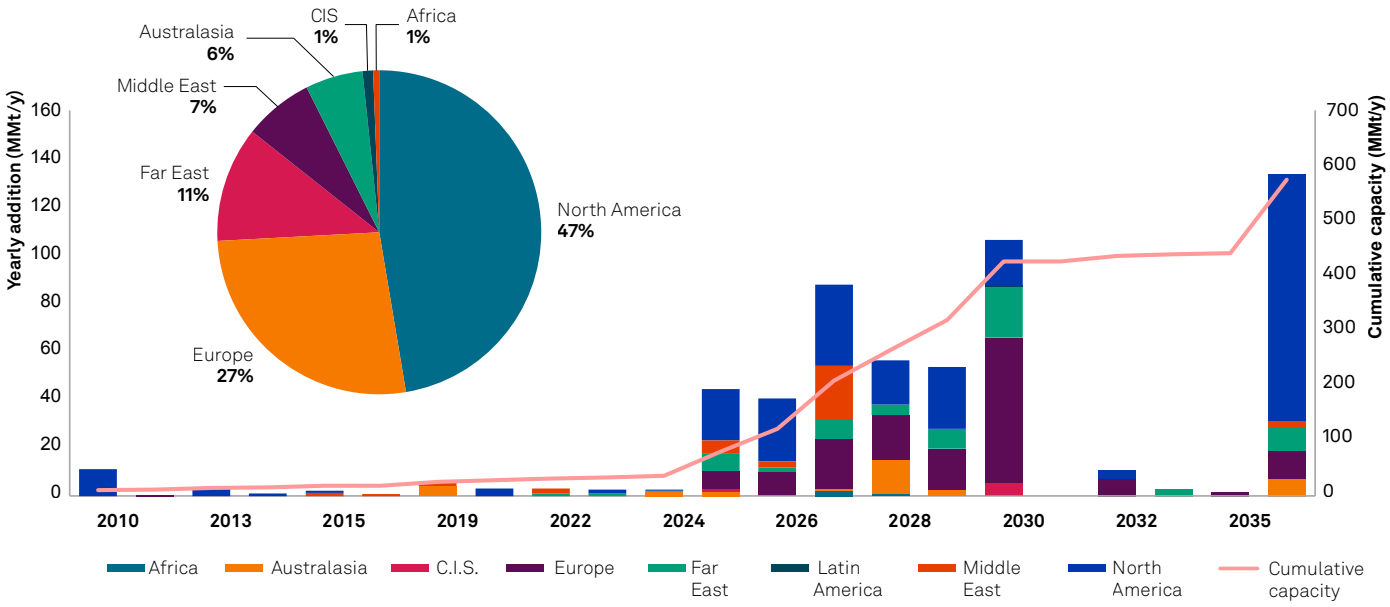
96.4M
Operating capacity (tCO2/y)

891.1M
Capacity in the pipeline (tCO2/y)

122.4M
Capacity under construction (tCO2/y)

Capture capacity is projected to increase almost tenfold over the next decade compared to 2022 levels, led by North America and Europe

CO2 capture capacity annual addition for large projects (>0.4 MMt/y) by project region



Data compiled Nov. 24, 2025.
Note: Cancelled, suspended, dormant or ended after feasibility projects are excluded; projects for transport or storage only are excluded.
Source: S&P Global Energy, CCUS Projects and Hubs database of Upstream Transformation Service
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What does the CCUS Project & Hubs Tracker deliver?

- Provides a unique view on the CCUS project landscape with over 1,417 selected projects
- Integrated part of the Upstream Transformation Service brings together policy, technology, company strategy and cost research in a dynamic CCUS project database and analytics dashboards.
- Data sourced verified public sources and connections to proprietary S&P Global Energy upstream and midstream data (EDIN- subsurface, midstream facility/pipeline)
- Extensive field data (project name, location, status, capture capacity, capture technology, contractor and supplier information, transport distance and type, reported costs and project economics etc.)
- Used as a bases for developing the CCUS Industry Trends, Technology Trends, Supply Chain Review and Energy Sector Spend reports
- CCUS Project data can be further augmented by Insights, providing in-depth CCUS analysis
- Supported by webinars and access to our experts.

Why is CCUS Project Tracker important?

Understand how the industry is developing through activity and government policy and regulations. Identify opportunities and risks, improve operations, sourcing and technology adoption, create efficiencies and reduce the time for projects to become profitable.

Which datasets are currently available?

- The CCUS Project Tracker provides detailed view of CCUS/CCS Projects undertaken globally including technology cost and service company data.
- Each project has 200+ data fields across 16+ categories developed by the S&P Global Energy research teams across S&P Global Energy Upstream Solutions.

How often is data updated?

There is a rapidly growing number of projects globally and S&P Global Energy is continually expanding its database and provides a monthly database update.

Which workflows does CCUS Project Tracker enable?

- Investor Strategy - Analyze peer upstream portfolio high-grading decision, return on investments and strategies for rewarding investors.



- **Competitor Analysis** – Monitor peer CCUS project deployments and related technology, supplier and cost decisions and data.
- **Government Affairs & Regulators** – Compare the results of various government approaches to climate change and related CCUS policies.
- **Low-carbon project teams:** Assess project design and commercial models across the CCUS value chain.
- All - Compare strategies and market size in terms of project capacity by emitter sector, company share, emitter share, value chain relative or absolute view of peers and competitors.

Access and packages

What are the prerequisites?

- **Full** Upstream Transformation Service
- **CSM+**
  - International E&P Data
  - US E&P Data
  - Canada E&P Data

Resources and contacts

Where can I find additional resources?

spglobal.com/energy

Who can I contact to learn more?

support.energy@spglobal.com

Related Products:

- **Companies & Transactions**
- **Commercial Plays & Basins**
- **E&P Terms & Above Ground Risk**
- **Costs & Supply Chain**

About S&P Global Energy

At S&P Global Energy, 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 Energy' coverage includes oil and gas, power, chemicals, metals, agriculture and shipping. S&P Global Energy 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.

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