

# Global Carbon Capture and Storage Equipment Market to Reach US\$ 1,753 Million by 2030, Growing at a 10.2% CAGR

*Rising Demand for Carbon Capture Solutions Drives Market Growth*

LOS ANGELES, CA, UNITED STATES, February 27, 2025 /EINPresswire.com/ -- The global Carbon Capture and Storage (CCS) Equipment Market, valued at US\$ 979 million in 2024, is set to grow at a CAGR of 10.2%, reaching US\$ 1,753 million by 2030. As climate change concerns escalate, industries worldwide are accelerating investments in carbon capture technologies to reduce greenhouse gas emissions.

**Why Carbon Capture and Storage Matters?**

CCS technology plays a crucial role in mitigating climate change by capturing CO<sub>2</sub> emissions from industrial and energy production processes. These emissions are then stored deep underground or repurposed for industrial applications, preventing their release into the atmosphere. Governments and corporations globally are increasingly adopting CCS as part of their net-zero carbon strategies.

**Market Trends & Growth Drivers**

- Government Incentives & Regulations – Policies promoting carbon neutrality and emission reduction are fueling market growth.
- Technological Advancements – Enhanced CCS efficiency and scalability are boosting adoption rates.
- Corporate ESG Commitments – Companies are integrating CCS solutions to meet sustainability goals and regulatory requirements.



Carbon Capture and Storage Equipment

## Regional Insights: Expanding Global Demand

- North America (U.S. & Canada): Leading the market due to strong policy support and industrial adoption.
- Europe: Rapid growth driven by stringent environmental regulations and corporate sustainability initiatives.
- China & Asia-Pacific: Industrial expansion and clean energy policies create significant market potential.

## Key Market Players

Prominent companies driving the CCS equipment market include:

- Climeworks
- Bright Renewables
- Baker Hughes
- Carbon Engineering
- Global Thermostat
- Hefei Wanhao Energy Equipment

## Market Segmentation

- By Type:
  - Bio-Adsorption Equipment
  - Bio-Conversion Equipment
  - Others
- By Application:
  - Energy Industry
  - Industrial Manufacturing
  - Agriculture
  - Construction
  - Others

## The Future of Carbon Capture & Storage

The global CCS market is poised for remarkable growth as companies prioritize sustainable practices and regulatory frameworks tighten. Industry leaders are actively investing in cutting-edge CCS technology, making it a critical component of future energy and industrial strategies.

## Want to Stay Ahead in the Carbon Capture Industry?

□for Sample Report: and gain insights into emerging trends, investment opportunities, and competitive strategies. - <https://www.qyresearch.in/report-details/7512806/Global-Carbon-Capture-and-Storage-Equipment-Market>

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Rahul Singh

QY Research

+ +91 70289 20828

[email us here](#)

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