

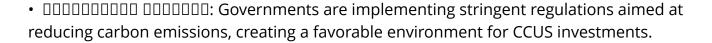
# Global Carbon Capture, Utilization, and Storage (CCUS) Market Set to Surge to \$51.6 Billion by 2050 | Astute Analytica

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As governments and industries worldwide increasingly prioritize sustainability and climate change mitigation,

the demand for effective carbon management solutions is on the rise. CCUS technologies play a pivotal role in reducing greenhouse gas emissions, making them essential for achieving global climate targets and transitioning to a low-carbon economy.





Market participants are actively investing in research and development to advance CCUS technologies and improve their economic viability. Collaborations between public and private



sectors are expected to further accelerate market growth, paving the way for a sustainable future.

The report highlights the need for global cooperation to implement CCUS projects, particularly in regions most affected by climate change. As the CCUS market continues to evolve, stakeholders must work together to create innovative solutions that will facilitate widespread adoption and drive the market towards its ambitious growth targets.

- Air company
- Air products & chemicals
- Aker Solutions
- Azolla
- · Blue planet
- · Carbon Clean
- CGG SA
- Chevron
- Dakota Gasification Company
- Equinor
- Exxon Mobil Corporation
- Global Thermostat
- JGC Holdings Corporation
- · Kiverdi Inc.
- LanzaTech
- Linde Plc
- · Mitsubishi Heavy Industries, Ltd.,
- Net power
- RWE AG
- Saipam
- Schlumberger Limited,
- Shell Plc
- Other Prominent Players

Capture

- Transport
- Storage
- Usage/Utilization

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- Capture
- Transport
- Storage
- Usage/Utilization

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- Post-Combustion
- Pre-Combustion
- Oxy-Fuel Combustion

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- Industrial-Point-Source CCUS
- Direct Air Capture (DAC)
- Bioenergy With Carbon Capture & Storage (BECCS)

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- · Aromatic polyurethane
- Indoor gardening
- Bioplastic
- SAF
- Astaxanthin
- Fine protein (food)
- Blast furnace carbon source
- Aromatic polycarbonate
- · Algae biomass fuel
- Polyhydroxyurethane

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- Power Generation
- Biomass
- Geothermal
- Hydrogen
- Solar

- Others
- Waste Treatment Plant
- Sewage Treatment
- Commercial Waste Treatment
- Industrial Waste Treatment
- Municipal Solid Waste
- Others Waster Treatment
- Cement
- Oil & Gas
- Iron & Steel
- Chemical & Petrochemical
- Other Industries

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- 00000 000000
- The U.S.
- Canada
- Mexico
- 000000
- The U.K.
- Germany
- France
- Spain
- Italy
- Russia
- · Rest of Europe
- 0000 000000
- China
- India
- Japan
- Australia
- ASEAN
- South Korea
- · Rest of Asia Pacific
- 000000 0000 & 000000 (000)

- UAE
- Turkey
- Saudi Arabia
- South Africa
- Rest of MEA
- 00000 0000000
- Argentina
- Brazil
- Rest of South America

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