

Carbon Capture and Storage Market - 2025- 2026

<https://marketpublishers.com/r/C04643E0EE4AEN.html>

Date: October 2026

Pages: 243

Price: US\$ 2,999.00 (Single User License)

ID: C04643E0EE4AEN

Abstracts

The Carbon Capture and Storage Market was valued at USD 3,920.51 Million in 2025 and is anticipated to reach USD 4,186.78 Million by 2026, at a CAGR of 0.1595 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Carbon Capture and Storage Market.

This report delivers a comprehensive overview of the Carbon Capture and Storage Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Carbon Capture and Storage Market. The Carbon Capture and Storage Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2026.

Carbon Capture and Storage Market Scope:

By Capture Technology

Pre-Combustion Capture

Post-Combustion Capture

Oxyfuel Combustion

Industrial Separation

By Storage Technology

Enhanced Oil Recovery (EOR)

Geological Storage

Deep Ocean

By End-Use Industry

Power Generation

Oil & Gas

Chemicals

Fertilizers

Cement & Concrete

Steel

Textiles

Others

Key Players

Mitsubishi Heavy Industries, Ltd.

Aker Solutions ASA

Exxon Mobil Corporation

Hitachi, Ltd.

General Electric Company

Siemens AG

Royal Dutch Shell

Halliburton Company

The Linde Group

Schlumberger Limited

Major Highlights

This report delivers a comprehensive overview of the Carbon Capture and Storage Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Carbon Capture and Storage Market. The Carbon Capture and Storage Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2026.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

Partner Identification

Increase Your Customer Base by 3X using our Partner Identification tool

Uncover strategic collaboration opportunities with DataM vetted partners aligned to your ecosystem.

Identify high potential M&A targets based on synergies, market positioning and growth trajectory.

Prioritize partners by strategic fit rather than general capability.

Why Choose DataM?

Data-Driven Insights: Dive into detailed analyses with granular insights such as pricing, market shares and value chain evaluations, enriched by interviews with industry leaders and disruptors.

Post-Purchase Support and Expert Analyst Consultations: As a valued client, gain direct access to our expert analysts for personalized advice and strategic guidance, tailored to your specific needs and challenges.

White Papers and Case Studies: Benefit quarterly from our in-depth studies related to your purchased titles, tailored to refine your operational and marketing strategies for maximum impact.

Annual Updates on Purchased Reports: As an existing customer, enjoy the privilege of annual updates to your reports, ensuring you stay abreast of the latest market insights and technological advancements. Terms and conditions apply.

Specialized Focus on Emerging Markets: DataM differentiates itself by delivering in-depth, specialized insights specifically for emerging markets, rather than offering generalized geographic overviews. This approach equips our clients with a nuanced understanding and actionable intelligence that are essential for navigating and succeeding in high-growth regions.

Value of DataM Reports: Our reports offer specialized insights tailored to the

latest trends and specific business inquiries. This personalized approach provides a deeper, strategic perspective, ensuring you receive the precise information necessary to make informed decisions. These insights complement and go beyond what is typically available in generic databases.

Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

Contents

1. SCOPE AND METHODOLOGY

- 1.1. Research Methodology
- 1.2. Scope of the Market

2. KEY TRENDS AND DEVELOPMENTS

3. EXECUTIVE SUMMARY

- 3.1. Market Snippet By Capture Technology
- 3.2. Market Snippet By Storage Technology
- 3.3. Market Snippet By End Use Industry

4. CARBON CAPTURE AND STORAGE MARKET DYNAMICS

- 4.1. Market impacting factors
 - 4.1.1. Drivers
 - 4.1.1.1. The stringent regulations towards reducing GHG emissions
 - 4.1.1.2. Rising demand for Co2 Injection for Enhanced Oil Recovery
 - 4.1.2. Restraints
 - 4.1.2.1. High operational costs of carbon capture and storage
 - 4.1.3. Opportunities
 - 4.1.3.1. Increasing LNG production capacity in Middle East
- 4.2. Impact analysis

5. INDUSTRY ANALYSIS

- 5.1. Porter's five forces analysis
- 5.2. Supply chain analysis
- 5.3. Pricing analysis
- 5.4. Patent Analysis

6. BY CAPTURE TECHNOLOGY

- 6.1. Market size analysis, and y-o-y growth analysis (%), By Capture Technology segment
- 6.2. Market attractiveness index, By Capture Technology segment

- 6.3. Pre-Combustion Capture
- 6.4. Post-Combustion Capture
- 6.5. Oxyfuel Combustion
- 6.6. Industrial Separation

7. BY STORAGE TECHNOLOGY

- 7.1. Market size analysis, and y-o-y growth analysis (%), By Storage Technology Segment
- 7.2. Market attractiveness index, By Storage Technology Segment
- 7.3. Enhanced Oil Recovery (EOR)
- 7.4. Geological Storage
 - 7.4.1. Depleted Oil and Gas Reservoirs
 - 7.4.2. Unmineable Coal Seams
 - 7.4.3. Deep Saline Formations
- 7.5. Deep Ocean

8. BY END-USE INDUSTRY

- 8.1. Market size analysis, and y-o-y growth analysis (%), By End Use Industry Segment
- 8.2. Market attractiveness index, By End Use Industry Segment
- 8.3. Power Generation
- 8.4. Oil & Gas
- 8.5. Chemicals
- 8.6. Fertilizers
- 8.7. Cement & Concrete
- 8.8. Steel
- 8.9. Textiles
- 8.10. Others

9. BY REGION

- 9.1. Introduction
- 9.2. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Region
- 9.3. Market Attractiveness Index, By Region
- 9.4. North America
 - 9.4.1. Introduction
 - 9.4.2. Key region-specific dynamics
 - 9.4.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Capture Technology

9.4.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Storage Technology

9.4.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By End Use Industry

9.4.6. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Country

9.4.6.1. U.S.

9.4.6.2. Canada

9.4.6.3. Mexico

9.5. Europe

9.5.1. Introduction

9.5.2. Key Region-Specific Dynamics

9.5.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Capture Technology

9.5.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Storage Technology

9.5.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By End Use Industry

9.5.6. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Country

9.5.6.1. Germany

9.5.6.2. U.K.

9.5.6.3. France

9.5.6.4. Italy

9.5.6.5. Spain

9.5.6.6. Rest of Europe

9.6. South America

9.6.1. Introduction

9.6.2. Key Region-Specific Dynamics

9.6.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Capture Technology

9.6.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Storage Technology

9.6.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By End Use Industry

9.6.6. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Country

9.6.6.1. Brazil

9.6.6.2. Argentina

9.6.6.3. Chile

9.6.6.4. Rest of South America

9.7. Asia Pacific

9.7.1. Introduction

9.7.2. Key Region-Specific Dynamics

9.7.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Capture Technology

9.7.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Storage Technology

9.7.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By End Use Industry

9.7.6. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Country

9.7.6.1. China

9.7.6.2. India

9.7.6.3. Japan

9.7.6.4. Australia & New Zealand

9.7.6.5. Rest of Asia Pacific

9.8. The Middle East And Africa

9.8.1. Introduction

9.8.2. Key Region-Specific Dynamics

9.8.3. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Capture Technology

9.8.4. Market Size Analysis, And Y-O-Y Growth Analysis (%), By Storage Technology

9.8.5. Market Size Analysis, And Y-O-Y Growth Analysis (%), By End Use Industry

10. COMPETITIVE LANDSCAPE

10.1. Competitive scenario

10.2. Competitor strategy analysis

10.3. Market positioning/share analysis

10.4. Mergers and acquisitions analysis

11. COMPANY PROFILES

11.1. Mitsubishi Heavy Industries, Ltd.

11.1.1. Company Overview

11.1.2. Type Portfolio And Description

11.1.3. Key Highlights

11.1.4. Financial Overview

11.2. Aker Solutions ASA

11.3. Exxon Mobil Corporation

11.4. Hitachi, Ltd.

11.5. General Electric Company

11.6. Siemens AG

11.7. Royal Dutch Shell

11.8. Halliburton Company

11.9. The Linde Group

11.10. Schlumberger Limited

12. DATAM INTELLIGENCE

12.1. Appendix

12.2. About us and services

12.3. Contact us

I would like to order

Product name: Carbon Capture and Storage Market - 2025- 2026

Product link: <https://marketpublishers.com/r/C04643E0EE4AEN.html>

Price: US\$ 2,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C04643E0EE4AEN.html>