

Carbon Capture, Utilization & Storage - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/C9F14AF4454EN.html>

Date: July 2018

Pages: 175

Price: US\$ 4,150.00 (Single User License)

ID: C9F14AF4454EN

Abstracts

According to Statistics MRC, the Global Carbon Capture, Utilization & Storage market is accounted for \$2.98 billion in 2017 and is expected to reach \$20.05 billion by 2026 growing at a CAGR of 23.5%. Increasing emissions of carbon dioxide (CO₂), growing environmental concerns and technological advancements in non-power sectors are some of the major factors fuelling the market growth. In addition, growing CO₂ enhanced oil recovery techniques provide ample opportunities for the growth of the market. However, high cost of the technology is hampering the market.

CCUS is a process for reducing greenhouse gas emissions into the atmosphere by capturing CO₂ from stationary sources and using the CO₂ in new applications or storing the CO₂ in underground storage sites. Carbon capture is a process designed to separate carbon dioxide (CO₂) out of the flue stream produced by coal, natural gas, and petroleum-fired power plants. By isolating the CO₂, it can be transported in liquid form to storage in deep geologic formations or, in some cases, utilized in enhanced oil or gas recovery, enhanced coal bed methane recovery, or calcification. The combined capture, storage, and utilization make up CCUS.

By Technology, post-combustion capture segment acquired steady growth due to its usage in various industries, such as natural gas and refinery treatment plants. Based on application, enhanced oil recovery (EOR) segment acquired significant growth owing to rising demand for extracting oil & gas from low permeability and unconventional reserves which include carbonate traps and tight sands.

North America is dominating with the largest market share and the growth of this region can be attributed to rising government support, growing oilfields, increasing demand for clean technology.

Some of the key players in the global market include Dioxide Materials Inc., AkerSolutions,

Integrated Carbon Sequestration Pty. Ltd., E3tec Service Llc., Enn Group Co. Ltd., Lanzatech Inc., Skyonic Corp., Novomer Inc., Carbon Cycle Ltd., Basf SE, Mbd Energy Ltd., Solidia Technologies Inc., Empower Materials Inc., Liquid Light Inc, Integrated Carbon Sequestration Pty. Ltd., Joule Unlimited Inc., Schlumberger Limited, Linde AG, Fluor Corporation and Exxonmobil Corporation

Services Covered:

Carbon Storage

Capture Transportation

Carbon Capture

Technologies Covered:

Post-Combustion Capture

Industrial Separation Capture

OXY-Fuel Combustion Capture

Pre-Combustion Capture

Inherent Separation

Sources Covered:

Industrial Processes

Power Generation

Applications Covered:

Enhanced oil recovery (eor)

Feedstock for chemicals and polymers

Agriculture

Secondary construction materials

Industrial

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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