

# Global Large-scale Direct Air Capture (DACS) Market Growth (Status and Outlook) 2024-2030

https://marketpublishers.com/r/GC4703874ECCEN.html

Date: July 2024 Pages: 106 Price: US\$ 3,660.00 (Single User License) ID: GC4703874ECCEN

# **Abstracts**

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Direct air capture technology is a form of carbon dioxide (CO2) removal that takes CO2 from ambient, or still, air. The separated CO2 can then be permanently stored deep underground, or it can be converted into products.

The global Large-scale Direct Air Capture (DACS) market size is projected to grow from US\$ 417 million in 2024 to US\$ 802 million in 2030; it is expected to grow at a CAGR of 11.5% from 2024 to 2030.

LPI (LP Information)' newest research report, the "Large-scale Direct Air Capture (DACS) Industry Forecast" looks at past sales and reviews total world Large-scale Direct Air Capture (DACS) sales in 2022, providing a comprehensive analysis by region and market sector of projected Large-scale Direct Air Capture (DACS) sales for 2023 through 2029. With Large-scale Direct Air Capture (DACS) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Large-scale Direct Air Capture (DACS) industry.

This Insight Report provides a comprehensive analysis of the global Large-scale Direct Air Capture (DACS) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Large-scale Direct Air Capture (DACS) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Large-scale Direct Air Capture (DACS) market.



This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Large-scale Direct Air Capture (DACS) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Large-scale Direct Air Capture (DACS).

Carbon Dioxide, CO2, is commonly found in natural gas. In order to meet pipeline specifications or other application specific requirements, CO2 separation is necessary. In addition, there may also be H2S and H2O present that needs to be removed. CO2 separation membranes have been widely used for CO2 removal applications and come with the added benefit of removing H2S and H2O as well.

This report presents a comprehensive overview, market shares, and growth opportunities of Large-scale Direct Air Capture (DACS) market by product type, application, key players and key regions and countries.

Segmentation by Type:

Solvent-Based Direct Air Capture Systems

Sorbent-Based Direct Air Capture Systems

Segmentation by Application:

Energy

Construciton

Steel

Others

This report also splits the market by region:



#### Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India

Australia

#### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt



South Africa

Israel

Turkey

GCC Countries

Segmentation by Type:

Solvent-Based Direct Air Capture Systems

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Americas

**United States** 

Canada

Mexico

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#### APAC

China

Japan

Korea

Southeast Asia

India

#### Australia

#### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

**GCC** Countries



The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Mitsubishi

**Global Thermostat** 

Climeworks

CO2 Solutions

LanzaTech

Carbon Clean

Aker Carbon Capture

Carbon Engineering

Quest

CarbFix

Heirloom

Skytree

CarbonFree



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