

Direct Air Capture (DAC) Market - 2024-2032

<https://marketpublishers.com/r/DF1EEAFF0A6DEN.html>

Date: April 2026

Pages: 218

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

ID: DF1EEAFF0A6DEN

Abstracts

The Direct Air Capture (DAC) Market was valued at US\$ 65.88 million in 2024 and is anticipated to reach US\$ 3,008.30 million by 2032, at a CAGR of 0.6123 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 Direct Air Capture (DAC) Market.

This report delivers a comprehensive overview of the Direct Air Capture (DAC) 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 Direct Air Capture (DAC) Market. The Direct Air Capture (DAC) 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 2024–2032.

Direct Air Capture (DAC) Market Scope:

By Technology

Liquid DAC

Electrochemical DAC

Others

By Energy Source

Electricity

Heat

By Application

Carbon Capture and Storage

Carbon Capture, Utilization and Storage

By End-User

Agriculture

Chemicals & Fuels

Carbon Mineralization

Food & Beverages

Oil & Gas

Other

Key Players

Climeworks

Carbon Engineering ULC.

Global thermostat

Heirloom Carbon Technologies

Soletair Power

CarbonCapture Inc

Avnos, Inc.

Noya PBC

Skytree

RepAir LIST NOT EXHAUSTIVE

Major Highlights

This report delivers a comprehensive overview of the Direct Air Capture (DAC) 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 Direct Air Capture (DAC) Market. The Direct Air Capture (DAC) 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 2024–2032.

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. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Objective and Scope of the Report

2. DEFINITION AND OVERVIEW

3. EXECUTIVE SUMMARY

- 3.1. Snippet By Technology
- 3.2. Snippet By Energy Source
- 3.3. Snippet By Application
- 3.4. Snippet By End-User
- 3.5. Snippet by Region

4. DYNAMICS

- 4.1. Impacting Factors
 - 4.1.1. Drivers
 - 4.1.1.1. Increasing emphasis on global net zero emission goals
 - 4.1.1.2. Utilization of Direct Air Capture (DAC) on a larger scale.
 - 4.1.2. Restraints
 - 4.1.2.1. High cost
 - 4.1.3. Opportunity
 - 4.1.4. Impact Analysis

5. INDUSTRY ANALYSIS

- 5.1. Porter's Five Force Analysis
- 5.2. Supply Chain Analysis
- 5.3. Pricing Analysis
- 5.4. Regulatory Analysis
- 5.5. DMI Opinion

6. BY TECHNOLOGY

- 6.1. Introduction

- 6.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology
- 6.1.2. Market Attractiveness Index, By Technology
- 6.2. Liquid DAC*
 - 6.2.1. Introduction
 - 6.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 6.3. Electrochemical DAC
- 6.4. Others

7. BY ENERGY SOURCE

- 7.1. Introduction
 - 7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Energy Source
 - 7.1.2. Market Attractiveness Index, By Energy Source
- 7.2. Electricity*
 - 7.2.1. Introduction
 - 7.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
 - 7.2.3. Geothermal
 - 7.2.4. Solar PV
 - 7.2.5. Wind
- 7.3. Heat
 - 7.3.1. Heat Pump
 - 7.3.2. Direct Heat
 - 7.3.3. Waste Heat

8. BY APPLICATION

- 8.1. Introduction
 - 8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
 - 8.1.2. Market Attractiveness Index, By Application
- 8.2. Carbon Capture and Storage*
 - 8.2.1. Introduction
 - 8.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 8.3. Carbon Capture, Utilization and Storage

9. BY END-USER

- 9.1. Introduction
 - 9.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User
 - 9.1.2. Market Attractiveness Index, By End-User

9.2. Agriculture*

9.2.1. Introduction

9.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)

9.3. Chemicals & Fuels

9.4. Carbon Mineralization

9.5. Food & Beverages

9.6. Oil & Gas

9.7. Other

10. BY REGION

10.1. Introduction

10.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region

10.1.2. Market Attractiveness Index, By Region

10.2. North America

10.2.1. Introduction

10.2.2. Key Region-Specific Dynamics

10.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

10.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Energy Source

10.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

10.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10.2.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.2.7.1. US

10.2.7.2. Canada

10.2.7.3. Mexico

10.3. Europe

10.3.1. Introduction

10.3.2. Key Region-Specific Dynamics

10.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

10.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Energy Source

10.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

10.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10.3.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.3.7.1. Germany

10.3.7.2. UK

10.3.7.3. France

10.3.7.4. Italy

10.3.7.5. Spain

10.3.7.6. Rest of Europe

10.4. South America

10.4.1. Introduction

10.4.2. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

10.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Energy Source

10.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

10.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10.4.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.4.6.1. Brazil

10.4.6.2. Argentina

10.4.6.3. Rest of South America

10.5. Asia-Pacific

10.5.1. Introduction

10.5.2. Key Region-Specific Dynamics

10.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

10.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Energy Source

10.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

10.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10.5.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.5.7.1. China

10.5.7.2. India

10.5.7.3. Japan

10.5.7.4. Australia

10.5.7.5. Rest of Asia-Pacific

10.6. Middle East and Africa

10.6.1. Introduction

10.6.2. Key Region-Specific Dynamics

10.6.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

10.6.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Energy Source

10.6.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

10.6.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

11. COMPETITIVE LANDSCAPE

11.1. Competitive Scenario

11.2. Market Positioning/Share Analysis

11.3. Mergers and Acquisitions Analysis

12. COMPANY PROFILES

- 12.1. Climeworks*
 - 12.1.1. Company Overview
 - 12.1.2. Product Portfolio and Description
 - 12.1.3. Financial Overview
 - 12.1.4. Key Developments
- 12.2. Carbon Engineering ULC.
- 12.3. Global thermostat
- 12.4. Heirloom Carbon Technologies
- 12.5. Soletair Power
- 12.6. CarbonCapture Inc
- 12.7. Avnos, Inc.
- 12.8. Noya PBC
- 12.9. Skytree
- 12.10. RepAir LIST NOT EXHAUSTIVE

13. APPENDIX

- 13.1. About Us and Services
- 13.2. Contact Us

I would like to order

Product name: Direct Air Capture (DAC) Market - 2024-2032

Product link: <https://marketpublishers.com/r/DF1EEAFF0A6DEN.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/DF1EEAFF0A6DEN.html>