

Global Passive Direct Air Capture Supply, Demand and Key Producers, 2024-2030

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Abstracts

The global Passive Direct Air Capture market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Passive Direct Air Capture (PDAC) refers to a method of capturing carbon dioxide (CO2) from the atmosphere without relying on active mechanical systems, such as fans or pumps. Unlike traditional Direct Air Capture (DAC), which often involves the use of energy-intensive technologies, passive approaches aim to achieve carbon capture through natural or low-energy processes.

This report studies the global Passive Direct Air Capture production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Passive Direct Air Capture, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Passive Direct Air Capture that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Passive Direct Air Capture total production and demand, 2019-2030, (K Units)

Global Passive Direct Air Capture total production value, 2019-2030, (USD Million)

Global Passive Direct Air Capture production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)



Global Passive Direct Air Capture consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Passive Direct Air Capture domestic production, consumption, key domestic manufacturers and share

Global Passive Direct Air Capture production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Passive Direct Air Capture production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Passive Direct Air Capture production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Passive Direct Air Capture market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Carbon Collect, Climework, Carbon Infinity, Carbon Engineering, Global Thermostat, CarbonCapture Inc, Heirloom Carbon, Noya and Sustaera, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Passive Direct Air Capture market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Passive Direct Air Capture Market, By Region:



United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Passive Direct Air Capture Market, Segmentation by Type

Physical Absorption

Solid Adsorption

Global Passive Direct Air Capture Market, Segmentation by Application

Food and Beverage

Greenhouse

Energy, Fuel, etc.

Companies Profiled:

Carbon Collect

Climework



Carbon Infinity

Carbon Engineering

Global Thermostat

CarbonCapture Inc

Heirloom Carbon

Noya

Sustaera

Key Questions Answered

- 1. How big is the global Passive Direct Air Capture market?
- 2. What is the demand of the global Passive Direct Air Capture market?
- 3. What is the year over year growth of the global Passive Direct Air Capture market?

4. What is the production and production value of the global Passive Direct Air Capture market?

5. Who are the key producers in the global Passive Direct Air Capture market?



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