

# Global CO<sub>2</sub>-based Plastics Market Growth 2024-2030

<https://marketpublishers.com/r/GB79252BEB3EEN.html>

Date: July 2024

Pages: 87

Price: US\$ 3,660.00 (Single User License)

ID: GB79252BEB3EEN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

CO<sub>2</sub>-based plastics are high polymers obtained by copolymerization of carbon dioxide and other monomers under the action of catalysts.

Polypropylene carbonate (PPC) is the most industrially valuable CO<sub>2</sub>-based plastic due to its mature production technology and wide application fields. Currently, the commercial and mass-produced carbon dioxide-based plastics are mainly polypropylene carbonate (PPC).

The global CO<sub>2</sub>-based Plastics market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "CO<sub>2</sub>-based Plastics Industry Forecast" looks at past sales and reviews total world CO<sub>2</sub>-based Plastics sales in 2023, providing a comprehensive analysis by region and market sector of projected CO<sub>2</sub>-based Plastics sales for 2024 through 2030. With CO<sub>2</sub>-based Plastics sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world CO<sub>2</sub>-based Plastics industry.

This Insight Report provides a comprehensive analysis of the global CO<sub>2</sub>-based Plastics landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on CO<sub>2</sub>-based Plastics portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global CO<sub>2</sub>-based Plastics market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for CO<sub>2</sub>-based Plastics 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 CO<sub>2</sub>-based Plastics.

United States market for CO<sub>2</sub>-based Plastics is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for CO<sub>2</sub>-based Plastics is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for CO<sub>2</sub>-based Plastics is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key CO<sub>2</sub>-based Plastics players cover Huafon Group, Henan Tianguan Enterprise Group, Boda Oriental New Materials, Sabic, SK Energy, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of CO<sub>2</sub>-based Plastics market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

PPC Plastics

PPC-P Plastics

Segmentation by Application:

Food Packaging

Agricultural

Medical

Retail

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

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

Huafon Group

Henan Tianguan Enterprise Group

Boda Oriental New Materials

Sabic

SK Energy

Empower Materials

Shandong Lianxin Environmental Protection Technology

Jiangsu Jinlong-Gas

## Key Questions Addressed in this Report

What is the 10-year outlook for the global CO<sub>2</sub>-based Plastics market?

What factors are driving CO<sub>2</sub>-based Plastics market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do CO<sub>2</sub>-based Plastics market opportunities vary by end market size?

How does CO<sub>2</sub>-based Plastics break out by Type, by Application?

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