

# Global Carbon Dioxide (CO<sub>2</sub>) Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Carbon Dioxide (CO<sub>2</sub>) market size was valued at US\$ 6957 million in 2025 and is forecast to a readjusted size of US\$ 10320 million by 2032 with a CAGR of 5.9% during review period.

Carbon dioxide is a chemical compound composed of one carbon and two oxygen atoms. It is often referred to by its formula CO<sub>2</sub>. It is present in the Earth's atmosphere at a low concentration and acts as a greenhouse gas. In its solid state, it is called dry ice. It is a major component of the carbon cycle.

The major players in global carbon dioxide (CO<sub>2</sub>) market include Linde, Air Liquid, Air Products and Chemicals, etc. The top 3 players occupy about 65% shares of the global market. Asia-Pacific is the main market, and occupies about 40% of the global market. 3N is the main type, with a share about 70%. Chemical is the main application, which holds a share about 50%.

This report is a detailed and comprehensive analysis for global Carbon Dioxide (CO<sub>2</sub>) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global Carbon Dioxide (CO<sub>2</sub>) market size and forecasts, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (US\$/MT), 2021-2032

Global Carbon Dioxide (CO<sub>2</sub>) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (US\$/MT), 2021-2032

Global Carbon Dioxide (CO<sub>2</sub>) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (US\$/MT), 2021-2032

Global Carbon Dioxide (CO<sub>2</sub>) market shares of main players, shipments in revenue (\$ Million), sales quantity (K MT), and ASP (US\$/MT), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Carbon Dioxide (CO<sub>2</sub>)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Carbon Dioxide (CO<sub>2</sub>) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Linde, Air Liquid, Air Products and Chemicals, Taiyo Nippon Sanso, Messer Group, India Glycols, SOL Group, Air Water, Hunan Kaimeite Gases, Gulf Cryo, etc.

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

### **Market Segmentation**

Carbon Dioxide (CO<sub>2</sub>) market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Below 3N

3N-4N

Above 4N

### Market segment by Application

Food and Beverages

Chemical

Medical

Metal

Frozen and Refrigerated

Others

### Major players covered

Linde

Air Liquid

Air Products and Chemicals

Taiyo Nippon Sanso

Messer Group

India Glycols

SOL Group

Air Water

Hunan Kaimeite Gases

Gulf Cryo

Yulong gas

Jinhong Gas Shares

Jiangsu Huayang liquid carbon

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Yankuang Guohong Chemical Co

Shandong Yingxuan Industry

Dehua chemicals

Cryogenic energy

Dongguang chemical

Jilin Baicheng gas

Union chemical industry

Ke Yi Gas Shares

HaoYuan chemical

Nanjing Oil Refinery

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Carbon Dioxide (CO<sub>2</sub>) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Carbon Dioxide (CO<sub>2</sub>), with price, sales quantity, revenue, and global market share of Carbon Dioxide (CO<sub>2</sub>) from 2021 to 2026.

Chapter 3, the Carbon Dioxide (CO<sub>2</sub>) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Carbon Dioxide (CO<sub>2</sub>) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Carbon Dioxide (CO<sub>2</sub>) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Carbon Dioxide (CO<sub>2</sub>).

Chapter 14 and 15, to describe Carbon Dioxide (CO<sub>2</sub>) sales channel, distributors, customers, research findings and conclusion.

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