

Global Syngas Market 2023-2029

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Abstracts

Syngas, also called a synthesis gas, is a mix of carbon monoxide and hydrogen, may be used as a clean alternative to fossil fuels in generating electricity or for the production of liquid fuels such as synthetic diesel, dimethyl ether, and methanol. Syngas can be produced from a variety of different materials that contain carbon. These can include biomass (wood gas), plastics, coal, municipal waste or similar materials. The global syngas market size is projected to grow by USD 34.9 billion from 2023 to 2029, registering a CAGR of 8.3 percent, according to the latest market data.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global syngas market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the feedstock, technology, gasifier type, application, and region. The global market for syngas can be segmented by feedstock: biomass/waste, coal, natural gas, petroleum coke, others. Globally, the natural gas segment made up the largest share of the syngas market. Syngas market is further segmented by technology: gasification, steam reforming. The gasification segment captured the largest share of the market in 2022. Based on gasifier type, the syngas market is segmented into: entrained flow gasifier, fixed (moving) bed gasifier, fluidized bed gasifier, others. According to the research, the fluidized bed gasifier segment had the largest share in the global syngas market. On the basis of application, the syngas market also can be divided into: chemicals, power generation, others. The chemicals segment held the largest revenue share in 2022. Syngas market by region is categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America.

The chemicals market is further segmented into acetyls, formaldehyde and resins, methanol, methyl tert-butyl ether (MTBE). The acetyls segment was the largest contributor to the global syngas market in 2022, accounting for more than 28.3% of the total market.

Market Segmentation

By feedstock: biomass/waste, coal, natural gas, petroleum coke, others

By technology: gasification, steam reforming

By gasifier type: entrained flow gasifier, fixed (moving) bed gasifier, fluidized bed gasifier, others

By application: chemicals, power generation, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The global syngas market report offers detailed information on several market vendors, including A.H.T. Syngas Technology N.V., Air Liquide S.A., Air Products and Chemicals Inc., BD Energy Systems, LLC, John Wood Group plc, KBR, Inc., Linde plc, Maire Tecnimont S.p.A., Sasol Limited, Shell plc, Technip Energies N.V., Topsoe A/S, Yingde Gases Group Company Limited/AirPower Technologies Limited, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global syngas market.

To classify and forecast the global syngas market based on feedstock, technology, gasifier type, application, region.

To identify drivers and challenges for the global syngas market.

To examine competitive developments such as mergers & acquisitions,

agreements, collaborations and partnerships, etc., in the global syngas market.

To identify and analyze the profile of leading players operating in the global syngas market.

Why Choose This Report

Gain a reliable outlook of the global syngas market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

PART 10. KEY COMPANIES

A.H.T. Syngas Technology N.V.

Air Liquide S.A.

Air Products and Chemicals Inc.

BD Energy Systems, LLC

John Wood Group plc

KBR, Inc.

Linde plc

Maire Tecnimont S.p.A.

Sasol Limited

Shell plc

Technip Energies N.V.

Topsoe A/S

Yingde Gases Group Company Limited/AirPower Technologies Limited

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