

Global Biogas Upgrading Equipment Market Growth 2025-2031

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Abstracts

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The global Biogas Upgrading Equipment market size is predicted to grow from US\$ 790 million in 2025 to US\$ 1883 million in 2031; it is expected to grow at a CAGR of 15.6% from 2025 to 2031.

Biogas upgrading equipment (biogas upgrader) is a facility that is used to concentrate the methane in biogas to natural gas standards. The system removes carbon dioxide, hydrogen sulphide, water and contaminants from the biogas. The solution is the use of biogas upgrading or purification processes whereby contaminants in the raw biogas stream are absorbed or scrubbed, leaving more methane per unit volume of gas. There are four main methods of upgrading: water washing, pressure swing adsorption, selexol adsorption, and amine gas treating.

Global key players of Biogas Upgrading Equipment include Pentair Haffmans, Evonik, Greenlane Renewables, UBE, Air Liquide, etc. The top five players hold a share about 38%. Europe is the largest market for Biogas Upgrading Equipment and has a share about 66%, followed by North America and China, with share 23% and 4%, separately. In terms of product type, Membrane Separation is the largest segment, occupied for a share of 41%. In terms of application, Agricultural is the largest application, occupied for a share of 57%.

LP Information, Inc. (LPI) ' newest research report, the "Biogas Upgrading Equipment Industry Forecast" looks at past sales and reviews total world Biogas Upgrading Equipment sales in 2024, providing a comprehensive analysis by region and market sector of projected Biogas Upgrading Equipment sales for 2025 through 2031. With

Biogas Upgrading Equipment sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Biogas Upgrading Equipment industry.

This Insight Report provides a comprehensive analysis of the global Biogas Upgrading Equipment 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 Biogas Upgrading Equipment portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Biogas Upgrading Equipment market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Biogas Upgrading Equipment 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 Biogas Upgrading Equipment.

This report presents a comprehensive overview, market shares, and growth opportunities of Biogas Upgrading Equipment market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Membrane Separation

Water Scrubber

Chemical Scrubber

PSA

Others

Segmentation by Application:

Agricultural

Municipal

Industrial

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.

Pentair Haffmans

Evonik

Greenlane Renewables

UBE

Air Liquide

Bright Renewables

Hitachi Zosen Inova

Xebec

Carbotech Gas

Malmberg Water

DMT Environmental Technology

EnviTec Biogas

ETW Energietechnik

Biovoima

Mahler AGS

Sysadvance

NeoZeo AB

Key Questions Addressed in this Report

What is the 10-year outlook for the global Biogas Upgrading Equipment market?

What factors are driving Biogas Upgrading Equipment market growth, globally and by region?

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

How do Biogas Upgrading Equipment market opportunities vary by end market size?

How does Biogas Upgrading Equipment break out by Type, by Application?

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