

# Membrane Separation Biogas Upgrading System Market, Global Outlook and Forecast 2022-2028

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## Abstracts

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. Often more suitable for small to medium-sized projects, the membrane separation technology uses permeation to filter out larger methane molecules from the smaller carbon dioxide molecules. Membrane upgraders have a small footprint, a low methane slip, require little maintenance, and achieve high quality and gas production; all of which has helped to become the most popular biogas upgrading technology in the world today.

This report contains market size and forecasts of Membrane Separation Biogas Upgrading System in global, including the following market information:

Global Membrane Separation Biogas Upgrading System Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Membrane Separation Biogas Upgrading System Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Membrane Separation Biogas Upgrading System companies in 2021 (%)

The global Membrane Separation Biogas Upgrading System market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

30 – 60 Nm<sup>3</sup>/hr Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Membrane Separation Biogas Upgrading System include Greenlane Renewables, EnviTec Biogas, Bright Bio-methane, Pentair Haffmans, Sanyi Green Energy, Hitachi Zosen Inova and Air Liquide, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Membrane Separation Biogas Upgrading System manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Membrane Separation Biogas Upgrading System Market, by Biogas Flow, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Membrane Separation Biogas Upgrading System Market Segment Percentages, by Biogas Flow, 2021 (%)

30 – 60 Nm<sup>3</sup>/hr

60 – 600 Nm<sup>3</sup>/hr

600 – 1,400 Nm<sup>3</sup>/hr

over 1,400 Nm<sup>3</sup>/hr

Global Membrane Separation Biogas Upgrading System Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Membrane Separation Biogas Upgrading System Market Segment Percentages, by Application, 2021 (%)

Municipal

Industrial

Agricultural

Global Membrane Separation Biogas Upgrading System Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Membrane Separation Biogas Upgrading System Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Membrane Separation Biogas Upgrading System revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Membrane Separation Biogas Upgrading System revenues share in global market, 2021 (%)

Key companies Membrane Separation Biogas Upgrading System sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Membrane Separation Biogas Upgrading System sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Greenlane Renewables

EnviTec Biogas

Bright Bio-methane

Pentair Haffmans

Sanyi Green Energy

Hitachi Zosen Inova

Air Liquide

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