

Global Renewable Natural Gas Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Renewable Natural Gas market size was valued at USD 5307 million in 2023 and is forecast to a readjusted size of USD 62110 million by 2030 with a CAGR of 42.1% during review period.

Renewable Natural Gas (RNG), also known as Sustainable Natural Gas (SNG) or biomethane, is a biogas which has been upgraded to a quality similar to fossil natural gas and having a methane concentration of 90% or greater. A biogas is a gaseous form of methane obtained from biomass. By upgrading the quality to that of natural gas, it becomes possible to distribute the gas to customers via the existing gas grid within existing appliances.

Global key players of Renewable Natural Gas include Clean Energy Fuels, Archaea Energy, etc. Global top 3 companies hold a share about 30%. North America is the largest market, with a share over 40%, followed by Europe and Asia Pacific with the share about 40% and 15%. In terms of product, Agriculture Type is the largest segment, with a share about 60%. And in terms of application, the largest application is Gas Grid, with a share over 50%.

The Global Info Research report includes an overview of the development of the Renewable Natural Gas industry chain, the market status of Electricity Generation (Agricultural RNG Resource, Sewage & Wastewater RNG Resource), Vehicle Fuel (Agricultural RNG Resource, Sewage & Wastewater RNG Resource), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Renewable Natural Gas.

Regionally, the report analyzes the Renewable Natural Gas markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Renewable Natural Gas market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Renewable Natural Gas market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Renewable Natural Gas industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Million m³), revenue generated, and market share of different by Source (e.g., Agricultural RNG Resource, Sewage & Wastewater RNG Resource).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Renewable Natural Gas market.

Regional Analysis: The report involves examining the Renewable Natural Gas market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Renewable Natural Gas market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Renewable Natural Gas:

Company Analysis: Report covers individual Renewable Natural Gas manufacturers, suppliers, and other relevant industry players. This analysis includes studying their

financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Renewable Natural Gas. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Electricity Generation, Vehicle Fuel).

Technology Analysis: Report covers specific technologies relevant to Renewable Natural Gas. It assesses the current state, advancements, and potential future developments in Renewable Natural Gas areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Renewable Natural Gas market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Renewable Natural Gas market is split by Source and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Source, and by Application in terms of volume and value.

Market segment by Source

Agricultural RNG Resource

Sewage & Wastewater RNG Resource

Landfill RNG Resource

Market segment by Application

Electricity Generation

Vehicle Fuel

Gas Grid

Others

Major players covered

Clean Energy Fuels

Archaea Energy

Montauk

VERBIO

Vanguard Renewables

J V Energen

Gasrec

Future Biogas

REN Energy

Dominion Energy

Deqingyuan

California Bioenergy

Asia Biogas

AltEnergo

Waga Energy

Ameresco

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 Renewable Natural Gas product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Renewable Natural Gas, with price, sales, revenue and global market share of Renewable Natural Gas from 2019 to 2024.

Chapter 3, the Renewable Natural Gas competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Renewable Natural Gas breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Source and application, with sales market share and growth rate by source, application, from 2019 to 2030.

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 2017 to 2023. and Renewable Natural Gas market forecast, by regions, source and

application, with sales and revenue, from 2025 to 2030.

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 Renewable Natural Gas.

Chapter 14 and 15, to describe Renewable Natural Gas sales channel, distributors, customers, research findings and conclusion.

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