

Global Landfill Gas Market Size study, by application (Electricity, Direct Use, Combined Heat & Power, Alternate Fuels), and Regional Forecasts 2021-2027

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Abstracts

Global Landfill Gas Market is valued at approximately USD XX million in 2020 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2021-2027. The activity of microorganisms on organic wastes in a landfill creates landfill gas, which is a complex combination of gases. Methane constitutes about 40–60% of this gas, with carbon dioxide accounting for the rest. In addition, landfill gas has been shown to contain trace amounts of other hydrocarbons. This gas combination is commonly used as a fuel to create heat in any type of combustion system, as well as power using steam turbines or fuel cells. The efficiency of landfill gas collection varies depending on whether the landfill is closed (no longer taking rubbish) or open (accepting garbage) (accepting waste). . Growing environmental awareness is fueling sales of landfill gas over the estimated years. According to the Environmental Protection Agency (EPA), nearly two-thirds of landfill garbage is biodegradable, while the remainder rots and decomposes, emitting hazardous gases like carbon dioxide and methane, both of which are greenhouse gases that contribute to global warming. Landfill gas not only eliminates such severe environmental effects, but also meets the demand for natural and cost-effective power sources. According to a study titled 'Renewable Energy Statistic' published by the European Commission (EC) on February 15, 2021, renewable energy accounted for 19.7% of energy consumed in the EU-27 in 2019, falling only 0.3 percent short of the 2020 objective of 20%. Moreover, according to the research, the share of energy from renewable sources used in transport operations in the EU-27 reached 8.9% in 2019 and is expected to climb higher as the COVID-19 pandemic eases restrictions. However, high set up cost to maintain the optimum moisture level for the organic waste decomposition, may impede market growth over the forecast period of 2021-2027.

The regional analysis of the Global Landfill Gas Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading region across the world in terms of market share due to rise in health and environmental awareness among the people in the region. Whereas, due to an increase in the demand for energy and a reduction in pollutants caused by landfilling, Asia Pacific is expected to have the greatest growth rate for the projection period 2021-2027..

Major market player included in this report are:

Waste Management, Inc.
Covanta Holding Corporation
Veolia Environnement S.A
Pennon Group Plc.
SUEZ SA
Kohler Co., Inc.
Aria Energy Corp
Granite Acquisition, Inc.
Vectren Corporation
Shanghai Chengtou Holding Co., Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By application:

Electricity
Direct Use
Combined Heat & Power
Alternate Fuels

By Region:

North America
U.S.
Canada
Europe

UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027.

Target Audience of the Global Landfill Gas Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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