

Global Waste-to-Energy Technologies Market Size study & Forecast, by Technology (Municipal Solid Waste (MSW) Incineration, Co-processing, Pyrolysis and Gasification and Other Technologies) and Regional Analysis, 2023-2030

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Abstracts

Global Waste-to-Energy Technologies Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2023-2030. Waste-to-energy technologies are methods that involve the conversion of waste materials, such as municipal solid waste (MSW), industrial waste, and agricultural waste, into energy. This process helps to reduce the amount of waste that ends up in landfills and provides a source of renewable energy. Waste-to-energy technologies offer several benefits, including reducing the amount of waste sent to landfills, generating renewable energy, and reducing greenhouse gas emissions. The Waste-to-Energy Technologies market is expanding because of factors such as rising waste generation and supportive government initiatives and efforts to reduce dumps and open burning of waste.

The rising amount of waste generation is driving the market growth, according to the world bank organization The amount of waste produced annually around the world is predicted to rise dramatically from 2.01 billion tons in the year 2020 to 3.40 billion tons by 2050. Along with these the organisation also estimates that in both developed and emerging nations, daily per capita trash generation is anticipated to rise by 40%. The requirement to stabilize future waste could lead to a rise in the use of waste-to-energy technology. In addition, rising technological advancement and rising investment n number of projects for the industry growth is creating lucrative growth in the market. However, the high cost of Waste-to-Energy Technologies stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Waste-to-Energy Technologies Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Europe dominated the market in 2022 owing to the dominance of the rising adoption of waste management technology, and government support to the industry. Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising waste generation, and rising construction of dumps and waste treatment in the region.

Major market player included in this report are:

Babcock & Wilcox Enterprises Inc.
Ramboll Group AS
Veolia Group
Babcock & Wilcox Volund AS
Hitachi Zosen Inova AG
Suez Environnement
China Everbright International Limited
Covanta Holding Corporation
Amec Foster Wheeler PLC
Abu Dhabi National Energy Company PJSC (Taqa)

Recent Developments in the Market:

In July 2022, the Municipal Corporation of Delhi (MCD) officially announced the establishment of a fourth waste-to-energy facility in the region. The plant will use 2,000 tons of municipal solid waste (MSW) that are dumped at the Okhla landfill site every day to produce 25 megawatts (MW) of electricity.

Global Waste-to-Energy Technologies Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Technology, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Technology offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

- Municipal Solid Waste (MSW) Incineration
- Co-processing
- Pyrolysis and Gasification
- Other Technologies

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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