

# Global Waste-to-Energy 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 Waste-to-Energy market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

WTE (Waste-to-Energy) or energy-from-waste (EfW) is the process of generating energy in the form of electricity and/or heat from the primary treatment of waste. WTE is a form of energy recovery. Most WTE processes produce electricity and/or heat directly through combustion, or produce a combustible fuel commodity, such as methane, methanol, ethanol or synthetic fuels.

In China, Waste-to-Energy main players include Sanfeng Covanta, China Everbright, Tianjin Teda, Grandblue, Shanghai Environmental and Shenzhen Energy, etc., totally accounting for about 72% of market. As for the types of products, it can be divided into thermal technologies and biochemical reactions. The most common product is biochemical reactions, with a share over 97%. In terms of applications, it is widely used in power plant, heating plant and others.

The Global Info Research report includes an overview of the development of the Waste-to-Energy industry chain, the market status of Power Plant (Thermal Technologies, Biochemical Reactions), Heating Plant (Thermal Technologies, Biochemical Reactions), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Waste-to-Energy.

Regionally, the report analyzes the Waste-to-Energy 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 Waste-to-Energy market, with robust domestic demand, supportive policies, and a strong manufacturing base.

## Key Features:

The report presents comprehensive understanding of the Waste-to-Energy 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 Waste-to-Energy 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 (M MT), revenue generated, and market share of different by Type (e.g., Thermal Technologies, Biochemical Reactions).

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 Waste-to-Energy market.

Regional Analysis: The report involves examining the Waste-to-Energy 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 Waste-to-Energy market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Waste-to-Energy:

Company Analysis: Report covers individual Waste-to-Energy 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 Waste-to-Energy This may involve surveys, interviews, and analysis



of consumer reviews and feedback from different by Application (Power Plant, Heating Plant).

Technology Analysis: Report covers specific technologies relevant to Waste-to-Energy. It assesses the current state, advancements, and potential future developments in Waste-to-Energy areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Waste-to-Energy 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

Waste-to-Energy market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Thermal Technologies

**Biochemical Reactions** 

Market segment by Application

Power Plant

**Heating Plant** 

Others

Major players covered



Sanfeng Covanta

China Everbright

Tianjin Teda

Grandblue

Shanghai Environmental

Shenzhen Energy

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 Waste-to-Energy product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Waste-to-Energy, with price, sales, revenue and global market share of Waste-to-Energy from 2019 to 2024.

Chapter 3, the Waste-to-Energy competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.



Chapter 4, the Waste-to-Energy 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 Type and application, with sales market share and growth rate by type, 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 Waste-to-Energy market forecast, by regions, type 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 Waste-to-Energy.

Chapter 14 and 15, to describe Waste-to-Energy sales channel, distributors, customers, research findings and conclusion.



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