

# **Global Municipal Solid Waste Management Market Size study & Forecast, by Source (Residential, Commercial), By Treatment (Open Dumping, Disposal), By Material (Paper & Paperboard, Metals, Plastics, Food, Glass, Others), and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Municipal Solid Waste Management Market is valued at approximately USD 117 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 3.3% over the forecast period 2023-2030. Municipal Solid Waste Management (MSWM) refers to the management and treatment of solid waste produced by homes, businesses, and institutions within a municipality or a local area. It entails the safe, environmentally sound, and socially responsible collection, transportation, processing, treatment, and disposal of solid waste. The municipal solid waste management market is expanding because of factors such as the rising shift from traditional garbage dumping techniques to sustainable and innovative waste disposal models, the presence of stringent environmental regulations and waste management policies, and the increasing focus on circular economy and zero waste initiatives.

In addition, the rapid industrialization and urbanization, and growth in the renewable energy sector

is acting as the catalyzing factor for market growth across the globe. The surge in population and urbanization is bolstering the quantity of waste generation. According to the World Bank, in 2020, it was estimated that approximately 55% of the population, which is around 4.2 billion inhabitants lives in urban areas. Moreover, it is projected that the urban population is expected to constantly increase by 1.5 times and is likely to reach around 6 billion by 2045. Furthermore, the increasing electricity consumption

enhances consumer traction toward renewable energy sources such as bioenergy. According to the International Renewable Energy Agency, the U.S. had a total electricity capacity of 13,574 MW from bioenergy. This is almost 4.2% of the total renewable energy electricity capacity. Thus, these aforementioned factors are propelling the growth of the Municipal Solid Waste Management Market during the estimated period. Moreover, the rising focus on waste-to-energy and resource recovery, as well as increasing technological advancements and innovations present various lucrative opportunities over the forecasting years. In December 2022, The U.S. Energy Information Administration stated that waste-to-energy plants aids in decreasing approximately 2000 pounds of garbage into ash that weighs around 300-600 pounds, also this method reduces the volume of this waste by nearly 87%. However, the high initial investments required and the lack of awareness regarding the benefits of waste management across developing nations are challenging the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Municipal Solid Waste Management Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. The Asia Pacific dominated the market in 2022 owing to the increasing number of government projects and the increasing concerns about the security of supply. Whereas, Europe is expected to grow with the highest CAGR during the forecast period, owing to factors such as growing awareness regarding waste recycling and disposal, increasing infrastructure-building activities, and rising industrialization.

Major market players included in this report are:

Cleanaway Waste Management Limited  
China Everbright Environment Group Limited  
Sims Limited  
Hitachi Zosen Corporation  
Waste Connections  
Biffa Plc  
Covanta Holding Corporation  
Wheelabrator Technologies, Inc.  
OMNI Conversion Technologies, Inc.  
Clean Harbors, Inc.

Recent Developments in the Market:

In January 2020, Bee'ah's Solutions received the contract to complete waste management projects in Egypt's new administrative capital. The project would be implemented for over 6.5 million people in 21 residential regions.

Global Municipal Solid Waste Management 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 - Source, Treatment, Material, 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 product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Source:

Residential

Commercial

By Treatment:

Open Dumping

Disposal

By Material:

Paper & Paperboard

Metals

Plastics

Food

Glass

Others

**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

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Middle East &amp; Africa

Saudi Arabia

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Rest of Middle East &amp; Africa

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