

Waste to Energy Market Sets New Record, Projected at USD 50.1 Billion By 2027 at 4.6% CAGR: AMR

Waste to Energy Market Poised to Garner Maximum Revenues During 2020 - 207

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EINPresswire.com/ -- Waste to energy is one of the most effective and robust alternative sources of energy, which helps in the reduction of CO2 emissions and thus replaces fossil fuels. Using waste as a combustion substance is expected to reduce landfill volumes by more than 90%. For every ton of waste burned, one ton of CO2

emission is reduced, which further helps in eliminating methane, which could be leaked with landfill disposal. The global [waste to energy market](#) was valued at \$35.1 billion in 2019 and is projected to reach \$50.1 billion by 2027, growing at a CAGR of 4.6% from 2020 to 2027.



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The waste-to-energy market grows with increased incineration demand and rising public WtE expenditure. Consumer inclination towards efficient conversion techniques is expected to boost market growth.”

Allied Market Research

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Growth in population and rise in landfill levels present numerous opportunities for market expansion. Moreover, the surge in demand for renewable sources of energy globally, increase in investment by governments, and usage of other renewable energy sources as substitutes to reduce carbon content are further anticipated to boost the overall growth of the market. However, high costs associated with plant installation and infrastructure of expensive components are expected to hamper the overall

industry growth. Several problems are encountered during the construction and development of

waste to energy generation plants; one of the major problems is cost. Installing and maintenance of infrastructure to generate energy by burning waste serves as a major challenge, which restrains the growth of the market. Although the fuel cost is low, maintenance activities represent a big part of the total cost, as it is a new technology.

The market is expected to register the highest growth in biological processes, owing to an increase in technological advancements and a rise in disposable incomes. Furthermore, rapid urbanization and an upsurge in renewable energy sources are expected to boost the market growth.

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The Waste to Energy industry's key market players adopt various strategies such as product launches, product development, collaboration, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

Some of the key players in the Waste to Energy market are:

- SUEZ
- WHEELABRATOR TECHNOLOGIES INC.
- ABU DHABI NATIONAL ENERGY COMPANY PJSC (TAQA)
- COVANTA HOLDING CORPORATION
- BLUEFIRE RENEWABLES
- PLASCO ENERGY GROUP, INC.
- C&G LTD.
- WASTE MANAGEMENT, INC.
- ENER-CORE, INC.
- CNIM
- BABCOCK & WILCOX ENTERPRISES, INC.
- JOHN WOOD GROUP PLC
- VEOLIA
- CHINA EVERBRIGHT INTERNATIONAL LIMITED

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The incineration segment accounted for around half of the thermal technology segment in 2019, owing to the perennial modifications in the industry and efficient techniques & processes, which are in high demand globally. Thus, the increase in the requirement of high-tech waste to energy

conversion methods fuels the market growth globally.

In 2019, Asia-Pacific and LAMEA collectively accounted for nearly two-fifths share of the global market, in terms of volume, and are expected to continue this waste to energy market trend, owing to an increase in urbanization, specifically in China, India, Brazil, and other developing countries. Moreover, the rise in urban population with increased per capita disposable income and growth in overall consumer spending drive the growth of the Asia-Pacific market.

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Key findings of the report:

- The incineration segment is anticipated to witness the highest waste to energy market growth during the analysis period and occupy around half of the total thermal technology market in 2019.
- Asia-Pacific is projected to grow with a CAGR of 4.8% during the forecast period.
- Japan occupied around one-third waste to the energy market share of the Asia-Pacific in 2019.
- The North American thermal waste to energy market growth is projected to grow at a CAGR of 4.2%.

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1. Nuclear waste management market to reach 5-7 billion globally by 2032 at 1-9% CAGR - <https://www.prnewswire.com/news-releases/nuclear-waste-management-market-to-reach-5-7-billion-globally-by-2032-at-1-9-cagr-allied-market-research-301892802.html>

2. Waste-to-Energy Market in U-S-Canada to Reach 2-89 Billion by 2026 - <http://www.globenewswire.com/news-release/2020/10/26/2114443/0/en/Waste-to-Energy-Market-in-U-S-Canada-to-Reach-2-89-Billion-by-2026-AMR.html>

Key findings:

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