

Construction Waste Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

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Abstracts

The Global Construction Waste Market was valued at USD 232.1 billion in 2023 and is projected to expand at a CAGR of 5.2% from 2025 to 2034. The increasing pace of urbanization and infrastructure expansion is driving a notable surge in construction activities across developed and developing regions. This rapid development has led to a significant rise in construction and demolition waste generation, fueling the demand for efficient waste management solutions.

Governments worldwide are introducing stringent regulations to mitigate the environmental impact of construction waste. These policies emphasize recycling materials, reducing landfill dependency, and promoting sustainable practices. Additionally, the global push toward circular economy principles highlights the importance of reusing and recycling construction materials, which is contributing to market growth. However, the high costs associated with waste sorting, processing, and recycling remain a key challenge for the industry. Many companies face financial barriers to adopting sustainable waste management practices, especially in the absence of strong regulatory incentives.

Non-hazardous waste, which accounted for USD 186.4 billion in 2024, is expected to grow at a CAGR of 5.3% through 2034. This segment benefits from the ease of recycling materials like concrete, bricks, and wood, which dominate construction and demolition waste streams. Additionally, increasing adoption of eco-friendly building methods and government mandates for recycling non-hazardous waste are further driving this segment's growth.

The residential construction sector secured a 40.6% revenue share in 2024 and is

forecasted to grow at a CAGR of 5.6% through 2034. Residential projects contribute heavily to waste generation, especially during new construction, renovation, or demolition activities. The expansion of affordable housing initiatives and urban infrastructure development worldwide are also playing a significant role in driving waste volumes from this segment.

The US construction waste market alone surpassed USD 44.1 billion in 2024, with expectations of a 5.6% CAGR through 2034. Population growth and increased construction activity have contributed to this rise, with the sector playing a pivotal role in the national economy. As construction establishments continue to grow, demand for waste management solutions will likely remain strong, ensuring steady market growth.

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- 10.15 WM Intellectual Property Holdings, LLC

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