

# **Waste Management Carbon Credit Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034**

<https://marketpublishers.com/r/WFC055A4A514EN.html>

Date: April 2025

Pages: 110

Price: US\$ 4,850.00 (Single User License)

ID: WFC055A4A514EN

## **Abstracts**

The Global Waste Management Carbon Credit Market was valued at USD 12.7 billion in 2024 and is estimated to grow at a CAGR of 15.9% to reach USD 52.9 billion by 2034. As climate change mitigation takes center stage, businesses are increasingly adopting innovative waste management strategies to reduce emissions and earn tradable carbon credits. This market operates within a dynamic financial framework where companies earn credits for lowering, capturing, or redirecting greenhouse gas emissions through structured waste management efforts. These emissions reductions stem from landfill methane capture, waste-to-energy processes, recycling programs, and composting initiatives, all of which contribute to a lower environmental impact and improved sustainability credentials.

Waste management carbon credits have evolved from a niche environmental initiative into a mainstream corporate sustainability strategy. The growing awareness of carbon neutrality goals, coupled with the pressure to align with Environmental, Social, and Governance (ESG) standards, has made these credits an essential component in corporate climate action plans. Organizations are actively investing in projects that convert waste into valuable resources, thereby reducing dependency on traditional disposal methods while generating alternative revenue streams. The synergy between waste reduction and carbon offsetting is creating a win-win situation for both businesses and communities.

As sustainability becomes a top priority, industries worldwide are leveraging carbon credits to meet their environmental targets. The waste management carbon credit model enables companies to monetize their sustainability practices while adhering to emissions guidelines. These credits can be sold or traded, providing financial incentives

for enterprises to reduce their environmental footprints through innovative waste processing techniques. Such efforts are not only enhancing brand value but also opening doors to government funding, subsidies, and favorable stakeholder perceptions.

The market is categorized into voluntary and compliance types, with the compliance segment holding a dominant 99% share in 2024. This overwhelming dominance is attributed to the surge in stringent global environmental and waste recovery regulations. Compliance markets mandate organizations to meet pre-set emission reduction targets either by directly reducing their carbon output or by purchasing carbon credits to compensate for excess emissions. These credits are generated through verifiable projects, including methane capture at landfills and waste-to-energy facilities, which are carefully monitored and validated for impact.

The North America Waste Management Carbon Credit Market was valued at USD 12.7 billion in 2024, with expectations of steady growth driven by heightened emissions regulations and corporate sustainability commitments. With regulatory frameworks becoming more rigorous, industries are increasingly adopting carbon credits as a strategic solution to achieve environmental compliance. In parallel, ESG-focused initiatives are driving investments in carbon offset projects. Companies across sectors are striving to lower their carbon emissions and elevate their sustainability profiles to meet evolving stakeholder expectations.

Key players in the Global Waste Management Carbon Credit Market include ALLCOT, 3Degrees, Atmosfair, Climate Impact Partners, ClimeCo LLC., CarbonClear, EcoAct, Green Mountain Energy Company, Ecosecurities, PwC, Sterling Planet Inc., Suez, South Pole, TerraPass, The Carbon Collective Company, Veolia, The Carbon Trust, and Waste Management, Inc. These companies are enhancing their market presence through strategic partnerships, technological innovation, and collaboration with governmental agencies, environmental NGOs, and private sector entities. Such alliances expand project access and enrich the range of carbon credit solutions available globally.

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