

Qatar Waste Management - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Qatar Waste Management Market size is estimated at USD 548.47 million in 2025, and is expected to reach USD 780.47 million by 2030, at a CAGR of 7.31% during the forecast period (2025-2030).

Key Highlights

- Aligning with the Qatar National Vision 2030, the Ministry of Municipality is actively rolling out its sustainable strategic plan for waste management and recycling. This initiative is further bolstered by the ministry's 'Zero Waste' campaign, aimed at refining waste management systems, fostering community awareness, and spurring investments in environmental preservation. In tandem with the national objectives, the Qatari government strives to curtail waste generation across industries, commercial establishments, and households while simultaneously ramping up recycling and reusing efforts.
- Qatar's waste landscape is stark, with 1.3 million tons of household waste, all destined for landfills. The types of waste include organic, paper, plastic, metals, glass, and miscellaneous. Beyond households, Qatar generates 4.5 million tons of construction and demolition waste. This is further categorized as cement, block, sand, wood, steel, and other. The country also grapples with 0.4 million tons of large waste items, including trees, bulky household goods, and heavy equipment. There is an estimated 0.1 million tons of miscellaneous waste, encompassing sludge, tires, and carcasses from slaughterhouses.
- Qatar entrusts its solid waste collection to local municipalities, which often collaborate with private firms and waste management experts. These municipalities are increasingly open to partnerships with international companies, a move actively encouraged by the Qatari government. The government has set an ambitious target to slash landfill waste by over 90% within the next five years.
- In a proactive step, the Ministry of Municipality in Qatar initiated a pivotal international conference. This conference serves as a crucial platform, drawing in governmental bodies, the private sector, and local enterprises. Its primary focus is to foster knowledge exchange and innovative ideas in waste management, treatment, and recycling. The ministry's commitment is evident in its push for efficient local waste management, including reduction and recycling initiatives.

Qatar Waste Management Market Trends

Qatar Leverages AI and Private Sector Partnerships to Achieve 95% Recycling Rate by 2030

The Qatari Ministry of Municipality recycles approximately 54% of the waste generated from households and commercial and industrial establishments in the country and converts it into energy or fertilizer. It aspires to reach a 95% recycling rate by 2030. Artificial intelligence (AI) is expected to play a major role in the future in generating and sorting waste. This will be done through initiatives that will see the light of day soon, such as integrating AI in sorting and recycling works. A total of 153 plots of land have been allocated to the private sector for recycling works, including factories and companies concerned with recycling, to encourage them to recycle waste in all its forms. The per capita share of waste in the country is 1.3 kg per day compared to developed countries, where the average is 1.58 kg per day.

This is a good indicator, and the ministry is eager to improve this percentage by raising public awareness, as well as the rate of recycling and re-conversion into energy and other uses. The ministry aspires to reach a 95% recycling rate by the end of 2030. It was keen to get rid of construction waste and entered into a contract with Qatar Primary Materials Company to collect and recycle such waste for use in new projects. Several legislations have also been issued and put in place to reduce waste by issuing an initiative obligating waste sorting at the source in blue and gray containers for recyclable and non-recyclable materials. The Qatari Minister of Municipality emphasized the importance of the private sector's role in encouraging and supporting waste recycling efforts. The minister also noted that the private sector will have a major role in the development of the Al-Afjaj city, which is dedicated to recycling industries in the country.

Qatar's Plastic Predicament: A Deep Dive into the Nation's Battle with Plastic Waste

Plastics dominate Qatar's marine litter, accounting for a staggering 71.4%. In the realm of solid waste, plastics hold a significant share, ranging from 13-14%. On a per capita basis, Qatar is a notable global contributor to solid waste, with each individual generating 1.4 kg daily. Following the pandemic, polypropylene has emerged as the primary polymer in Qatar's plastic waste stream. A recent global study stated that approximately 494 tons of COVID-19 test plastic residues are finding their way into landfills. Alarmingly, more than half of Qatar's waste is channeled into landfills. In April 2023, the Qatari government rolled out a series of initiatives and regulations aimed at curbing plastic pollution, both in the ocean and in daily life.

Building on these efforts, the Ministry of Municipality in Qatar took a decisive step last year by banning single-use plastic bags. To enforce this ban, the ministry has been conducting rigorous inspection campaigns. Just this month, in collaboration with various agencies, the ministry spearheaded a month-long campaign titled 'No for Plastic,' distributing over 20,000 eco-friendly, biodegradable, and multi-use bags. The goal was to educate both businesses and the public about Ministerial Decision No. 143 of 2022, which regulates the use of plastic bags.

Qatar Waste Management Industry Overview

The Qatari waste management market is fragmented, with many players aiming to mitigate waste generation and recycle and reuse the waste in the most effective way possible. Major players in the market include Bee'ah Qatar, Al Haya Environmental Group, and Elite Waste Management.

Numerous startups are focusing on developing innovative approaches for waste disposal in an environment-friendly manner.

As Qatar's production of waste increases, municipal bodies are establishing coherent and sustainable waste management

systems, and the federal government has encouraged them to partner with the private sector.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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