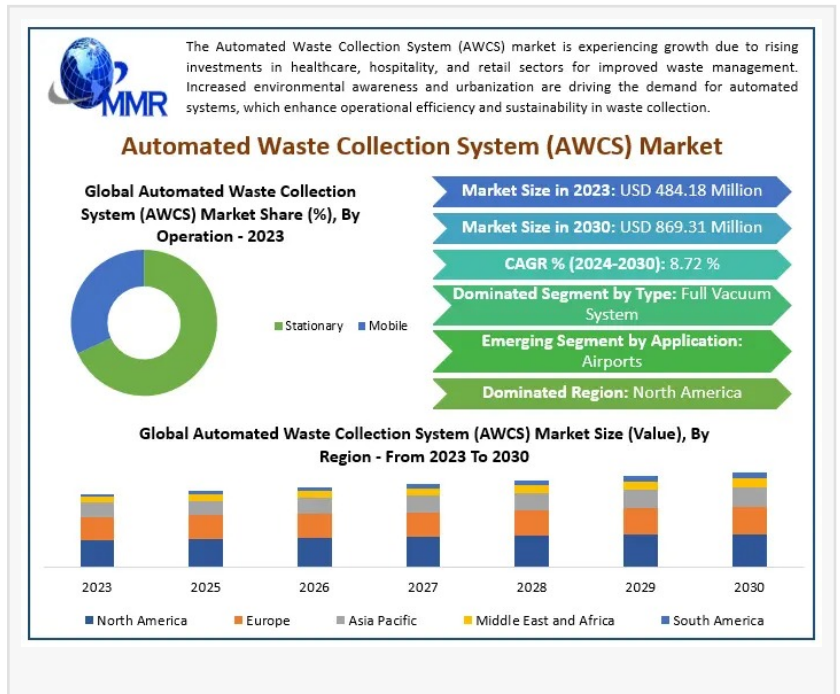


# Automated Waste Collection System (AWCS) Market to Reach USD 869.31 Million by 2030

*The United States and China are the major producers of municipal waste within the world, producing over 2 hundred million metric tons in thye year 2023.*

WILMINGTON, DE, UNITED STATES, September 16, 2025 / EINPresswire.com/ -- The [Automated Waste Collection System \(AWCS\) Market](https://www.maximizemarketresearch.com/request-sample/88188/) size was valued at USD 484.18 Million in 2023 and the total Automated Waste Collection System (AWCS) revenue is expected to grow at a CAGR of 8.72% from 2024 to 2030, reaching nearly USD 869.31 Million by 2030.



Automated Waste Collection Systems (AWCS): The Invisible Backbone Powering Smarter, Sustainable Cities

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As smart cities rise, AWCS is redefining waste management with AI-driven efficiency and sustainable innovation, paving the way for cleaner, smarter urban living.”

*Dharti Raut*

The Automated Waste Collection System (AWCS) Market is transforming urban infrastructure by integrating smart technologies, AI-driven efficiency, and sustainable waste management practices. With Europe leading adoption and industry leaders like Envac and Logiwave pioneering innovative solutions, AWCS is emerging as the invisible backbone of cleaner, smarter, and more resilient cities worldwide.

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Is the Invisible Underground Network of Automated Waste Collection Systems (AWCS) the Future

of Smarter, Cleaner Cities?

As cities race toward smart, sustainable futures, Automated Waste Collection Systems (AWCS) are redefining how we handle waste, safer hospitals, AI-driven efficiency, and eco-conscious growth. Could this invisible underground network be the game-changer for urban living?

Automated Waste Collection Systems (AWCS): The Hidden Backbone of Smarter, Cleaner Cities of Tomorrow?

From hospitals to smart cities, AWCS unlocks vast opportunities, driving sustainability goals, powering zero-waste initiatives, and leveraging AI for real-time efficiency. As urbanization surges across Asia and Africa, could AWCS emerge as the hidden backbone of tomorrow’s cleaner, smarter infrastructure?

Automated Waste Collection Systems (AWCS): Can Innovation Overcome High Costs and Awareness Gaps to Transform Urban Living?

Despite its promise, AWCS faces hurdles, high upfront costs, complex integration, and uneven eco-awareness. With 54% of consumers engaged but 38% still “careless,” the question remains: can innovation and sustainability overcome these barriers to unlock AWCS’s full urban potential?

Is AWCS the Next Urban Game-Changer for Waste, Recycling, and Smart Infrastructure?

From airports and hospitals to households and smart stadiums, Automated Waste Collection Systems (AWCS) are evolving in diverse forms, whether through full vacuum or gravity vacuum models, stationary or mobile operations. As industries and institutions embrace these intelligent solutions, a bigger question emerges: could AWCS become the silent infrastructure powering sustainable cities, redefining how urban societies collect, segregate, and recycle waste at scale?

Automated Waste Collection Systems (AWCS): Can Smart Technology and AI Solve the World’s Growing Waste Crisis?

As global waste generation hits record highs, can Automated Waste Collection Systems (AWCS) emerge as the invisible force driving cleaner cities, smarter recycling, and sustainable lifestyles for billions worldwide?

Global Automated Waste Collection System (AWCS) Market Segments Covered	
By Type	Full Vacuum System Gravity Vacuum System
By Operation	Stationary Mobile
By Application	Airports Educational Institutions Hospitals Corporate Offices Hotels / Restaurants Industries Household Others (Food Markets, Sporting Stadiums)
By Region	<b>North America</b> (United States, Canada and Mexico) <b>Europe</b> (UK, France, Germany, Italy, Spain, Sweden, Austria, Turkey, Russia and Rest of Europe) <b>Asia Pacific</b> (China, India, Japan, South Korea, Australia, ASEAN (Indonesia, Malaysia, Myanmar, Philippines, Singapore, Thailand, Viet Nam etc.) and Rest APAC) <b>Middle East and Africa</b> (South Africa, GCC, Egypt, Nigeria and Rest of ME&A) <b>South America</b> (Brazil, Argentina, Colombia and Rest of South America)

With apps now tracking individual waste habits, AWCS is reshaping public awareness, turning everyday disposal into a data-driven movement. Could technology transform hesitation into active participation in sustainable living?

From e-waste surges to overflowing landfills, the challenge is urgent. Will AWCS, powered by automation and AI, become the turning point where innovation finally outpaces the world's growing waste crisis?

Envac and Logiwaste Lead Global AWCS Revolution: Are Smart Waste Networks the Future of Airports, Hospitals, and Sustainable Cities?

In April 2025, Envac rolled out a new pneumatic waste-collection network at Venice Marco Polo Airport, installing over 500 meters of underground pipes and investing €2.1 million.

In January 2025, Envac secured a long-term contract to supply an AWCS for the Schiedam District urban hub near Rotterdam, targeting thousands of residences and reduced emissions via a 25-year service agreement.

In 2024, several AWCS providers including Logiwaste AB won contracts at Stockholm Karolinska Hospital and China Life, Beijing, deploying systems to handle multiple waste streams to boost hygiene and sustainability.

Europe Leads the AWCS Revolution: Could Smart Waste Technologies Set the Global Urban Standard?

Europe is emerging as the undisputed leader in Automated Waste Collection Systems (AWCS), setting new benchmarks in smart, sustainable urban living. From Stockholm to London and Barcelona, clever waste technologies are transforming streets, hospitals, and airports into cleaner, more efficient ecosystems. With government-backed initiatives and massive investments driving adoption, the real question is: could Europe's approach become the global blueprint for the future of urban waste management?

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Leading Automated Waste Collection System (AWCS) Market, Key Players:

Envac Group  
AMCS Group  
Logiwaste AB  
MariMatic Oy  
Ros Roca  
Caverion Corporation

Cleantech Group  
AWC Berhad  
GreenWave Solutions  
Stream Environment Sdn. Bhd.  
Aerbin ApS  
Atreo  
Dansk Skraldesug ApS  
Europa Co. Ltd  
MariCap Oy  
ESE World ASA  
WallTech Engineering Co., Ltd.  
Hanwha Environment Co., Ltd.  
BigBelly Outdoor, LLC  
Ecube Labs Inc.  
CleanRobotics Inc.  
Peakway Environmental Sci & Tech Co. Ltd  
Air-Log International GmbH  
Logiwaste AB  
Ros Roca

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