

AI In Waste Management Market Size, Share & Trends Analysis Report By Component (Software, Hardware, Services), By Technology (Machine Learning, Computer Vision), By Waste Type (Industrial Waste), By Application, By End-use, By Region, And Segment Forecasts, 2026 - 2033

<https://marketpublishers.com/r/A4EBBE43C3F3EN.html>

Date: March 2026

Pages: 150

Price: US\$ 4,950.00 (Single User License)

ID: A4EBBE43C3F3EN

Abstracts

The global AI in waste management market size was estimated at USD 43.23 billion in 2025 and is projected to reach USD 216.35 billion by 2033, growing at a CAGR of 22.5% from 2026 to 2033. AI systems enable automated sorting, route optimization, and real-time monitoring to manage rising loads more efficiently.

The global shift toward sustainable cities is encouraging municipalities to integrate automation and predictive analytics into their waste infrastructure. Automated robotics powered by computer vision significantly reduces contamination in recycling streams. AI-powered sorting robots supports this transition by enabling high-precision waste identification and sorting, which improves material recovery quality. These improvements make recycling more economically viable, encouraging further adoption of AI solutions. Extended Producer Responsibility (EPR) policies are increasing the need for accurate waste data and traceability, which AI tools deliver effectively. As circular economy programs expand globally, AI technologies become a core enabler of scalable recycling solutions.

Additionally, AI optimizes collection routes, reduces fuel consumption, and minimizes unplanned labor expenses. Predictive maintenance solutions help extend the lifespan of waste handling machinery and reduce downtime. Smart bin sensors integrated with AI analytics provide real-time insights that improve fleet performance and waste bin

monitoring. These efficiencies translate into measurable cost savings, encouraging faster adoption of AI-driven platforms. Private contractors and municipal authorities increasingly rely on digital tools for budget management and operational planning.

Technological innovations are accelerating the adoption of AI in food waste management, making solutions more accurate, scalable, and affordable. Smart bin sensors embedded with IoT sensors provide continuous data streams for AI models to analyze and act upon. Improvements in cloud computing and edge AI allow real-time decision-making in field operations. As the cost of sensors and AI hardware declines, more municipalities and private operators can implement these technologies. Enhanced machine-learning models deliver deeper insights into waste composition and operational efficiency. These advancements drive rapid modernization of the AI in food waste management industry.

Global AI In Waste Management Market Report Segmentation

This report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the global AI in waste management market report based on component, technology, waste type, application, end use, and region:

Component Outlook (Revenue, USD Billion, 2021 - 2033)

Software

Hardware

Services

Technology Outlook (Revenue, USD Billion, 2021 - 2033)

Machine Learning

Computer Vision

IoT + AI (AIoT)

Robotics & Automation

Big Data Analytics

Others

Waste Type Outlook (Revenue, USD Billion, 2021 - 2033)

Industrial Waste

Plastic Waste

Hazardous Waste

E-waste

Others

Application Outlook (Revenue, USD Billion, 2021 - 2033)

Smart Waste Collection

Automated Sorting & Recycling

Waste Monitoring & Tracking

Waste Generation Forecasting

Others

End Use Outlook (Revenue, USD Billion, 2021 - 2033)

Municipal Bodies / City Authorities

Waste Management Companies

Recycling Companies / MRFs

Manufacturing & Industrial Facilities & Industrial Facilities

Commercial Buildings & IT Parks

Others

Regional Outlook (Revenue, USD Billion, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Asia Pacific

China

Japan

India

South Korea

Australia

Latin America

Brazil

Middle East and Africa (MEA)

KSA

UAE

South Africa

This report can be delivered to the clients within 4 Business Days

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Market Definition
- 1.3. Research Methodology
 - 1.3.1. Information Procurement
 - 1.3.2. Information or Data Analysis
 - 1.3.3. Market Formulation & Data Visualization
 - 1.3.4. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
 - 1.4.1. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. AI IN WASTE MANAGEMENT MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Introduction/Lineage Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.2. Market Restraint Analysis
 - 3.2.3. Industry Challenge
- 3.3. AI in Waste Management Market Analysis Tools
 - 3.3.1. Porter's Analysis
 - 3.3.2. PESTEL Analysis

CHAPTER 4. AI IN WASTE MANAGEMENT MARKET: COMPONENT ESTIMATES & TREND ANALYSIS

- 4.1. Segment Dashboard
- 4.2. AI in Waste Management market: Component Movement Analysis, USD Billion, 2025 & 2033
- 4.3. Software

4.3.1. Software AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

4.4. Hardware

4.4.1. Hardware AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

4.5. Services

4.5.1. Services AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

CHAPTER 5. AI IN WASTE MANAGEMENT MARKET: TECHNOLOGY ESTIMATES & TREND ANALYSIS

5.1. Segment Dashboard

5.2. AI in Waste Management market: Technology Movement Analysis, USD Billion, 2025 & 2033

5.3. Machine Learning

5.3.1. Machine Learning AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

5.4. Computer Vision

5.4.1. Computer Vision AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

5.5. IoT + AI (AloT)

5.5.1. IoT + AI (AloT) AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

5.6. Robotics & Automation

5.6.1. Robotics & Automation AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

5.7. Big Data Analytics

5.7.1. Big Data Analytics AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

5.8. Others

5.8.1. Others AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

CHAPTER 6. AI IN WASTE MANAGEMENT MARKET: WASTE TYPE ESTIMATES & TREND ANALYSIS

6.1. Segment Dashboard

6.2. AI in Waste Management market: Waste Type Movement Analysis, USD Billion,

2025 & 2033

6.3. Industrial Waste

6.3.1. Industrial Waste AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

6.4. Plastic Waste

6.4.1. Plastic Waste AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

6.5. Hazardous Waste

6.5.1. Hazardous Waste AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

6.6. E-waste

6.6.1. E-waste AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

6.7. Others

6.7.1. Others AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

CHAPTER 7. AI IN WASTE MANAGEMENT MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

7.1. Segment Dashboard

7.2. AI in Waste Management Market: Application Movement Analysis, USD Billion, 2025 & 2033

7.3. Smart Waste Collection

7.3.1. Smart Waste Collection AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

7.4. Automated Sorting & Recycling

7.4.1. Automated Sorting & Recycling AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

7.5. Waste Monitoring & Tracking

7.5.1. Waste Monitoring & Tracking AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

7.6. Waste Generation Forecasting

7.6.1. Waste Generation Forecasting AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

7.7. Others

7.7.1. Others AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

CHAPTER 8. AI IN WASTE MANAGEMENT MARKET: END-USE ESTIMATES & TREND ANALYSIS

8.1. Segment Dashboard

8.2. AI in Waste Management market: End-Use Movement Analysis, USD Billion, 2025 & 2033

8.3. Municipal Bodies / City Authorities

8.3.1. Municipal Bodies / City Authorities AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

8.4. Waste Management Companies

8.4.1. Waste Management Companies AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

8.5. Recycling Companies / MRFs

8.5.1. Recycling Companies / MRFs AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

8.6. Manufacturing & Industrial Facilities

8.6.1. Manufacturing & Industrial Facilities AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

8.7. Commercial Buildings & IT Parks

8.7.1. Commercial Buildings & IT Parks AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

8.8. Others

8.8.1. Others AI in Waste Management Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Billion)

CHAPTER 9. AI IN WASTE MANAGEMENT: REGIONAL ESTIMATES & TREND ANALYSIS

9.1. AI in Waste Management Share, By Region, 2025 & 2033 USD Billion

9.2. North America

9.2.1. North America AI in Waste Management Estimates and Forecasts, 2021 - 2033 (USD Billion)

9.2.1.1. North America AI in Waste Management Estimates and Forecasts, by Country, 2021 - 2033 (USD Billion)

9.2.1.2. North America AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.2.1.3. North America AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.2.1.4. North America AI in Waste Management Estimates and Forecasts, by Waste

Type, 2021 - 2033 (USD Billion)

9.2.1.5. North America AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.2.1.6. North America AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.2.2. U.S.

9.2.2.1. U.S. AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.2.2.2. U.S. AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.2.2.3. U.S. AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.2.2.4. U.S. AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.2.2.5. U.S. AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.2.3. Canada

9.2.3.1. Canada AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.2.3.2. Canada AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.2.3.3. Canada AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.2.3.4. Canada AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.2.3.5. Canada AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.2.4. Mexico

9.2.4.1. Mexico AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.2.4.2. Mexico AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.2.4.3. Mexico AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.2.4.4. Mexico AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.2.4.5. Mexico AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.3. Europe

9.3.1. Europe AI in Waste Management Estimates and Forecasts, 2021 - 2033 (USD Billion)

9.3.1.1. Europe AI in Waste Management Estimates and Forecasts, by Country, 2021 - 2033 (USD Billion)

9.3.1.2. Europe AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.3.1.3. Europe AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.3.1.4. Europe AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.3.1.5. Europe AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.3.1.6. Europe AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.3.2. U.K.

9.3.2.1. U.K. AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.3.2.2. U.K. AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.3.2.3. U.K. AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.3.2.4. U.K. AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.3.2.5. U.K. AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.3.3. Germany

9.3.3.1. Germany AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.3.3.2. Germany AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.3.3.3. Germany AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.3.3.4. Germany AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.3.3.5. Germany AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.3.4. France

9.3.4.1. France AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.3.4.2. France AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.3.4.3. France AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.3.4.4. France AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.3.4.5. France AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.4. Asia Pacific

9.4.1. Asia Pacific AI in Waste Management Estimates and Forecasts, 2021 - 2033 (USD Billion)

9.4.1.1. Asia Pacific AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.4.1.2. Asia Pacific AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.4.1.3. Asia Pacific AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.4.1.4. Asia Pacific AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.4.1.5. Asia Pacific AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.4.2. China

9.4.2.1. China AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.4.2.2. China AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.4.2.3. China AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.4.2.4. China AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.4.2.5. China AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.4.3. Japan

9.4.3.1. Japan AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.4.3.2. Japan AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.4.3.3. Japan AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.4.3.4. Japan AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.4.3.5. Japan AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.4.4. India

9.4.4.1. India AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.4.4.2. India AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.4.4.3. India AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.4.4.4. India AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.4.4.5. India AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.4.5. South Korea

9.4.5.1. South Korea AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.4.5.2. South Korea AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.4.5.3. South Korea AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.4.5.4. South Korea AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.4.5.5. South Korea AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.4.6. Australia

9.4.6.1. Australia AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.4.6.2. Australia AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.4.6.3. Australia AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.4.6.4. Australia AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.4.6.5. Australia AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.5. Latin America

9.5.1. Latin America AI in Waste Management Estimates and Forecasts, 2021 - 2033

(USD Billion)

9.5.1.1. Latin America AI in Waste Management Estimates and Forecasts, by Country, 2021 - 2033 (USD Billion)

9.5.1.2. Latin America AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.5.1.3. Latin America AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.5.1.4. Latin America AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.5.1.5. Latin America AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.5.1.6. Latin America AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.5.2. Brazil

9.5.2.1. Brazil AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.5.2.2. Brazil AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.5.2.3. Brazil AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.5.2.4. Brazil AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.5.2.5. Brazil AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.6. Middle East and Africa

9.6.1. Middle East and Africa AI in Waste Management Estimates and Forecasts, 2021 - 2033 (USD Billion)

9.6.1.1. Middle East and Africa AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.6.1.2. Middle East and Africa AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.6.1.3. Middle East and Africa AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.6.1.4. Middle East and Africa AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.6.1.5. Middle East and Africa AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.6.2. UAE

9.6.2.1. UAE AI in Waste Management Estimates and Forecasts, by Component,

2021 - 2033 (USD Billion)

9.6.2.2. UAE AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.6.2.3. UAE AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.6.2.4. UAE AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.6.2.5. UAE AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.6.3. KSA

9.6.3.1. KSA AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.6.3.2. KSA AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.6.3.3. KSA AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.6.3.4. KSA AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.6.3.5. KSA AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

9.6.4. South Africa

9.6.4.1. South Africa AI in Waste Management Estimates and Forecasts, by Component, 2021 - 2033 (USD Billion)

9.6.4.2. South Africa AI in Waste Management Estimates and Forecasts, by Technology, 2021 - 2033 (USD Billion)

9.6.4.3. South Africa AI in Waste Management Estimates and Forecasts, by Waste Type, 2021 - 2033 (USD Billion)

9.6.4.4. South Africa AI in Waste Management Estimates and Forecasts, by Application, 2021 - 2033 (USD Billion)

9.6.4.5. South Africa AI in Waste Management Estimates and Forecasts, by End-Use, 2021 - 2033 (USD Billion)

CHAPTER 10. COMPETITIVE LANDSCAPE

10.1. Company Categorization

10.2. Company Market Positioning

10.3. Participant's Overview

10.4. Financial Performance

10.5. Technology Benchmarking

- 10.6. Company Heat Map Analysis
- 10.7. Strategy Mapping
- 10.8. Company Profiles/Listing
 - 10.8.1. AMP Robotics
 - 10.8.1.1. Participant's Overview
 - 10.8.1.2. Financial Performance
 - 10.8.1.3. Technology Benchmarking
 - 10.8.1.4. Recent Developments
 - 10.8.2. CleanRobotics Inc.
 - 10.8.2.1. Participant's Overview
 - 10.8.2.2. Financial Performance
 - 10.8.2.3. Technology Benchmarking
 - 10.8.2.4. Recent Developments
 - 10.8.3. Greyparrot
 - 10.8.3.1. Participant's Overview
 - 10.8.3.2. Financial Performance
 - 10.8.3.3. Technology Benchmarking
 - 10.8.3.4. Recent Developments
 - 10.8.4. Recycleye
 - 10.8.4.1. Participant's Overview
 - 10.8.4.2. Financial Performance
 - 10.8.4.3. Technology Benchmarking
 - 10.8.4.4. Recent Developments
 - 10.8.5. Republic Services, Inc.
 - 10.8.5.1. Participant's Overview
 - 10.8.5.2. Financial Performance
 - 10.8.5.3. Technology Benchmarking
 - 10.8.5.4. Recent Developments
 - 10.8.6. Rubicon Technology
 - 10.8.6.1. Participant's Overview
 - 10.8.6.2. Financial Performance
 - 10.8.6.3. Technology Benchmarking
 - 10.8.6.4. Recent Developments
 - 10.8.7. SUEZ
 - 10.8.7.1. Participant's Overview
 - 10.8.7.2. Financial Performance
 - 10.8.7.3. Technology Benchmarking
 - 10.8.7.4. Recent Developments
 - 10.8.8. Veolia

- 10.8.8.1. Participant's Overview
- 10.8.8.2. Financial Performance
- 10.8.8.3. Technology Benchmarking
- 10.8.8.4. Recent Developments
- 10.8.9. Waste Management, Inc.
 - 10.8.9.1. Participant's Overview
 - 10.8.9.2. Financial Performance
 - 10.8.9.3. Technology Benchmarking
 - 10.8.9.4. Recent Developments
- 10.8.10. ZenRobotics Ltd. (Terex)
 - 10.8.10.1. Participant's Overview
 - 10.8.10.2. Financial Performance
 - 10.8.10.3. Technology Benchmarking
 - 10.8.10.4. Recent Developments

List Of Tables

LIST OF TABLES

Table 1 Global AI in Waste Management estimates and forecasts, by region, 2021 - 2033 (USD Billion)

Table 2 Global AI in Waste Management Market estimates and Forecast by Component, 2021 - 2033 (USD Billion)

Table 3 Global AI in Waste Management Market estimates and Forecast by Technology, 2021 - 2033 (USD Billion)

Table 4 Global AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 5 Global AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 6 Global AI in Waste Management Market estimates and Forecast by End-Use, 2021 - 2033 (USD Billion)

Table 7 North America AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 8 North America AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 9 North America AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 10 North America AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 11 North America AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 12 North America AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 13 U.S. AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 14 U.S. AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 15 U.S. AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 16 U.S. AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 17 U.S. AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 18 U.S. AI in Waste Management Market estimates and Forecast, by End-Use,

2021 - 2033 (USD Billion)

Table 19 Canada AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 20 Canada AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 21 Canada AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 22 Canada AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 23 Canada AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 24 Canada AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 25 Mexico AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 26 Mexico AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 27 Mexico AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 28 Mexico AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 29 Mexico AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 30 Mexico AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 31 Europe AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 32 Europe AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 33 Europe AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 34 Europe AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 35 Europe AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 36 Europe AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 37 U.K. AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 38 U.K. AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 39 U.K. AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 40 U.K. AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 41 U.K. AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 42 U.K. AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 43 Germany AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 44 Germany AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 45 Germany AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 46 Germany AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 47 Germany AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 48 Germany AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 49 France AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 50 France AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 51 France AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 52 France AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 53 France AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 54 France AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 55 Asia Pacific AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 56 Asia Pacific AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 57 Asia Pacific AI in Waste Management Market estimates and Forecast, by

Technology, 2021 - 2033 (USD Billion)

Table 58 Asia Pacific AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 59 Asia Pacific AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 60 Asia Pacific AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 61 China AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 62 China AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 63 China AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 64 China AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 65 China AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 66 China AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 67 Japan AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 68 Japan AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 69 Japan AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 70 Japan AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 71 Japan AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 72 Japan AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 73 India AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 74 India AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 75 India AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 76 India AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 77 India AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 78 India AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 79 South Korea AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 80 South Korea AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 81 South Korea AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 82 South Korea AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 83 South Korea AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 84 South Korea AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 85 Australia AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 86 Australia AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 87 Australia AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 88 Australia AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 89 Australia AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 90 Australia AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 91 Latin America AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 92 Latin America AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 93 Latin America AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 94 Latin America AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 95 Latin America AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 96 Latin America AI in Waste Management Market estimates and Forecast, by

End-Use, 2021 - 2033 (USD Billion)

Table 97 Brazil AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 98 Brazil AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 99 Brazil AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 100 Brazil AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 101 Brazil AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 102 Brazil AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 103 MEA AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 104 MEA AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 105 MEA AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 106 MEA AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 107 MEA AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 108 MEA AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 109 KSA AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 110 KSA AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 111 KSA AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 112 KSA AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 113 KSA AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 114 KSA AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 115 UAE AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 116 UAE AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 117 UAE AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 118 UAE AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 119 UAE AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 120 UAE AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

Table 121 South Africa AI in Waste Management Market estimates and Forecast, 2021 - 2033 (USD Billion)

Table 122 South Africa AI in Waste Management Market estimates and Forecast, by Component, 2021 - 2033 (USD Billion)

Table 123 South Africa AI in Waste Management Market estimates and Forecast, by Technology, 2021 - 2033 (USD Billion)

Table 124 South Africa AI in Waste Management Market estimates and Forecast by Waste Type, 2021 - 2033 (USD Billion)

Table 125 South Africa AI in Waste Management Market estimates and Forecast by Application, 2021 - 2033 (USD Billion)

Table 126 South Africa AI in Waste Management Market estimates and Forecast, by End-Use, 2021 - 2033 (USD Billion)

List Of Figures

LIST OF FIGURES

- Fig. 1 AI in Waste Management Market segmentation
- Fig. 2 Market research component
- Fig. 3 Information procurement
- Fig. 4 Primary research pattern
- Fig. 5 Market research approaches
- Fig. 6 Market formulation & validation
- Fig. 7 AI in Waste Management Market snapshot
- Fig. 8 AI in Waste Management Market segment snapshot
- Fig. 9 AI in Waste Management Market competitive landscape snapshot
- Fig. 10 Market driver impact analysis
- Fig. 11 Market restraint impact analysis
- Fig. 12 AI in Waste Management Market: Component outlook key takeaways (USD Billion)
- Fig. 13 AI in Waste Management Market: Component movement analysis (USD Billion), 2025 & 2033
- Fig. 14 Software Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 15 Hardware Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 16 Services Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 17 AI in Waste Management Market: Technology outlook key takeaways (USD Billion)
- Fig. 18 AI in Waste Management Market: Technology movement analysis (USD Billion), 2025 & 2033
- Fig. 19 Machine Learning Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 20 Computer Vision Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 21 IoT + AI (AIoT) Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 22 Robotics & Automation Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 23 Big Data Analytics Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 24 Others Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)
- Fig. 25 AI in Waste Management Market: Waste type outlook key takeaways (USD Billion)

Fig. 26 AI in Waste Management Market: Waste type movement analysis (USD Billion), 2025 & 2033

Fig. 27 Industrial Waste Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 28 Plastic Waste Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 29 Hazardous Waste Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 30 E-waste Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 31 Others Market Revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 32 AI in Waste Management Market: Application outlook key takeaways (USD Billion)

Fig. 33 AI in Waste Management Market: Application movement analysis (USD Billion), 2025 & 2033

Fig. 34 Smart Waste Collection market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 35 Automated Sorting & Recycling market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 36 Waste Monitoring & Tracking market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 37 Waste Generation Forecasting market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 38 Others market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 39 AI in Waste Management Market: End-Use outlook key takeaways (USD Billion)

Fig. 40 AI in Waste Management Market: End-Use movement analysis (USD Billion), 2025 & 2033

Fig. 41 Municipal Bodies / City Authorities market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 42 Commercial Buildings & IT Parks market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 43 Recycling Companies / MRFs market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 44 Waste Management Companies market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 45 Manufacturing & Industrial Facilities market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 46 Others market revenue estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 47 Regional Marketplace: Key takeaways

Fig. 48 AI in Waste Management Market: Regional outlook, 2025 & 2033, USD Billion

Fig. 49 North America AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 50 U.S. AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 51 Canada AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 52 Mexico AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 53 Europe AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 54 UK AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 55 Germany AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 56 France AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 57 Asia Pacific AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 58 China AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 59 Japan AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 60 India AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 61 South Korea AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 62 Australia AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 63 Latin America AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 64 Brazil AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 65 MEA AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 66 KSA AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 67 UAE AI in Waste Management Market estimates and forecasts, 2021 - 2033 (USD Billion)

Fig. 68 South Africa AI in Waste Management Market estimates and forecasts, 2021 -

2033 (USD Billion)

Fig. 69 Company Categorization

Fig. 70 Company Market Positioning

Fig. 71 Strategy framework

I would like to order

Product name: AI In Waste Management Market Size, Share & Trends Analysis Report By Component (Software, Hardware, Services), By Technology (Machine Learning, Computer Vision), By Waste Type (Industrial Waste), By Application, By End-use, By Region, And Segment Forecasts, 2026 - 2033

Product link: <https://marketpublishers.com/r/A4EBBE43C3F3EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A4EBBE43C3F3EN.html>