

# GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET FORECAST 2017-2025

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## Abstracts

### KEY FINDINGS

The Global hazardous waste management market by tools generated a revenue of \$25340 Million in 2016 and is anticipated to contribute \$45192 Million by 2025, growing at a CAGR of 6.66%. Various reasons for growth of the hazardous waste management market are rapid increase in volume and types of hazardous waste due to economic growth, urbanization and industrialization, increasing awareness about hazardous waste management, strict environmental regulations, decreasing availability for landfills and need to reduce worker exposure and potential liability.

Hazardous waste is any material or chemical or waste product that cannot be biodegraded. Any waste, which produces toxic byproduct upon breakdown, is also hazardous waste. Hazardous waste has properties like ignitability, corrosivity, reactivity, or toxicity, and other physical, chemical, or biological characteristics that may pose a potential risk to human health or the environment, if improperly managed. Examples of hazardous waste are heavy metals in batteries, electronic waste (e-waste), electroplating sludge, paint solvents, medical waste, used oils, pesticides, medical and clinical waste, and construction and demolition debris. Chemicals that can be present in hazardous waste are arsenic, asbestos, cadmium, chromium, cyanide, lead, polychlorinated biphenyls (PCBs), persistent organic pollutant (POP), strong acids, and alkalis.

Hazardous waste management market is segmented on the basis of geography, treatment type, type of waste, service type and treatment site. On the basis of type of waste, hazardous waste management is classified as sharps, pharmaceutical wastes, infectious and pathological waste and others. Hazardous waste can be treated by

incineration, autoclaving or chemical treatment. Service type for hazardous waste can be collection, treatment and disposal, transport and storage, recycling and others. Treatment site can be either onsite treatment or off site treatment.

## **MARKET INSIGHTS**

Market drivers for hazardous waste management are growing need to manage increasing amount of hazardous waste, decreasing space for landfills, growing industrialization and urbanization, increasing awareness about hazardous waste management, strict environmental regulations, and need to reduce worker exposure and potential liability.

Offsite treatment has a bigger market share for hazardous waste management. Incineration as treatment type has the largest market share among all methods. Treatment and disposal service type sector has the maximum market segment and expected to report good growth over the forecast period.

Factors that will restrain market growth are higher initial investment and lack in expertise to manage these systems in developing economies.

Figure: Global Hazardous waste management Market By Geography (%) in 2015

Source: Inkwood Research

## **REGIONAL INSIGHTS**

Market regions that are covered in the report are North America, Europe, Asia-Pacific and RoW. North America has the largest market share of hazardous waste management market followed by Europe. Factors, which favor growth of hazardous waste management market, are awareness about hazardous waste management, strict government policies regarding hazardous waste treatment and developed infrastructure.

Asia-Pacific market is expected to report good growth in the forecast period due to increasing awareness about advantages of hazardous waste management and government initiatives.

## **COMPETITIVE INSIGHTS**

The major market players for hazardous waste management are BioMedical Waste

Solutions, Daniels Sharpsmart, Clean Harbors, Inc. REMONDIS Medison GmbH, Republic Services, Sharps Compliance, Inc. Suez Environment, Inc. Stericycle, Veolia Environment and Waste Management, Inc. Established companies have a good hold on the hazardous waste management market due to high cost of investment needed to enter and sustain in the market. Companies are forming alliances and are going for mergers and acquisitions to strengthen their market position.

## Contents

### **1. RESEARCH SCOPE**

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

### **2. RESEARCH METHODOLOGY**

- 2.1. SOURCES OF DATA
- 2.2. BOTTOM UP APPROACH
- 2.3. TOP DOWN APPROACH
- 2.4. DATA TRIANGULATION

### **3. EXECUTIVE SUMMARY**

### **4. MARKET SUMMARY**

- 4.1. GLOBAL HAZARDOUS WASTE MANAGEMENT INDUSTRY OUTLOOK

### **5. MARKET SEGMENTATION**

- 5.1. MARKET SIZE AND GROWTH PROSPECTS 2017-2025
- 5.2. KEY FINDINGS
- 5.3. VALUE CHAIN

### **6. MARKET OVERVIEW**

- 6.1. DRIVERS AND IMPACT
- 6.2. RESTRAINS AND IMPACT
- 6.3. KEY OPPORTUNITIES PRIORITIZED
- 6.4. CHALLENGES

### **7. MARKET BY TYPE OF WASTE**

- 7.1. INFECTIOUS AND PATHOLOGICAL WASTE
- 7.2. SHARPS

7.3. PHARMACEUTICAL WASTE

7.4. OTHERS

## **8. MARKET BY TREATMENT TYPE**

8.1. INCINERATION

8.2. AUTOCLAVING

8.3. CHEMICAL TREATMENT

## **9. MARKET BY SERVICE TYPE**

9.1. COLLECTION, TRANSPORTATION & STORAGE

9.2. TREATMENT AND DISPOSAL

9.3. RECYCLING

9.4. OTHERS

## **10. MARKET BY TREATMENT SITE**

10.1. ONSITE MARKET

10.2. OFFSITE MARKET

## **11. KEY ANALYTICAL**

11.1. 5 FORCE ANALYSIS

11.2. PESTAL ANALYSIS

11.3. TOP THREE MARKET TRENDS

11.4. TOP THREE MARKET ANALYSIS

11.5. MERGERS AND ACQUISITIONS

11.6. FUTURE MARKET TRENDS

## **12. REGIONAL ANALYSIS**

12.1. NORTH AMERICA

12.1.1. US

12.1.2. CANADA

12.1.3. REST OF NORTH AMERICA

12.1.4. MEXICO

12.2. EUROPE

12.2.1. UK

12.2.2. GERMANY

12.2.3. FRANCE

12.2.4. NORDICS

12.2.5. RUSSIA

12.3. ASIA

12.3.1. CHINA

12.3.2. JAPAN

12.3.3. SOUTH KOREA

12.3.4. INDIA

12.3.5. REST OF ASIA

### **13. ROW**

13.1. MIDDLE EAST & AFRICA

13.2. CENTRAL & SOUTH AMERICA

13.3. BRAZIL

### **14. COMPETITIVE ANALYSIS**

14.1. CLEAN HARBORS INC

14.2. DANIELS SHARPSMART INC

14.3. REPUBLIC SERVICES INC

14.4. STERICYCLE INC

14.5. SUEZ ENVIRONMENT SA

14.6. VEOLIA ENVIRONMENT SA

14.7. BIOMEDICAL WASTE SOLUTIONS

14.8. WASTE MANAGEMENT INC

14.9. REMONDIS MEDISON

14.10. SHARPS COMPLIANCE INC

## List Of Tables

### LIST OF TABLES

- 1. GOVERNMENT INITIATIVES FOR WASTE MANAGEMENT**
- 2. TECHNOLOGICAL ADVANCEMENT IN WASTE MANAGEMENT**
- 3. GLOBAL MEDICAL WASTE MANAGEMENT MARKET, BY TYPE OF WASTE 2017-2025(\$ MILLION)**
- 4. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY GEOGRAPHY 2017-2025( \$ MILLION)**
- 5. GLOBAL INDUSTRIAL AND MANUFACTURING MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**
- 6. GLOBAL INFECTIOUS & PATHOLOGICAL WASTE MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**
- 7. GLOBAL SHARPS MARKET 2017-2025(\$ MILLION)**
- 8. GLOBAL PHARMACEUTICAL WASTE MARKET, BY GEOGRAPHY 2017-2025(\$ MILLION)**
- 9. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY OTHER HAZARDOUS WASTE MATERIAL 2017-2025(\$ MILLION)**
- 10. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY TREATMENT TYPE 2017-2025(\$ MILLION)**
- 11. TREATMENT TYPES AND THEIR RESULTS**
- 12. GLOBAL INCINERATION MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**
- 13. GLOBAL AUTOCLAVING MARKET 2017-2025(\$ MILLION)**
- 14. GLOBAL CHEMICAL TREATMENT MARKET BY GEOGRAPHY (\$ MILLION)**

**15. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY SERVICE TYPE  
2017-2025(\$ MILLION)**

**16. GLOBAL TREATMENT & DISPOSAL MARKET BY GEOGRAPHY 2017-2025(\$  
MILLION)**

**17. GLOBAL RECYCLING MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**

**18. GLOBAL OTHER SERVICES MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**

**19. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY TREATMENT  
SITE GEOGRAPHY 2017-2025(\$ MILLION)**

**20. ON-SITE AND OFF-SITE MANAGEMENT OF HAZARDOUS WASTE**

**21. GLOBAL ONSITE HAZARDOUS WASTE MANAGEMENT MARKET BY  
GEOGRAPHY 2017-2025(\$ MILLION)**

**22. GLOBAL OFF SITE HAZARDOUS WASTE MANAGEMENT MARKET BY  
GEOGRAPHY 2017-2025(\$ MILLION)**

**23. HAZARDOUS WASTE DISPOSED IN 2016 (IN THOUSAND KILOGRAMS)**

**24. NORTH AMERICA HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET  
2017-2025**

**25. EUROPE HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET,  
2017-2025**

**26. GLOBAL HAZARDOUS WASTE MANAGEMENT REGIONAL OUTLOOK  
(2017-2025)**

**27. FEES FOR NOTIFYING REGULATOR**

**28. INITIATIVES IN RUSSIA BY THE GOVERNMENT FOR WASTE MANAGEMENT**

**29. APAC HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET 2017-2025**



**30. WASTE MANAGEMENT LAWS IN CHINA**

**31. KEY LEGISLATION AND POLICIES FOR WASTE MANAGEMENT IN ASEAN COUNTRIES**

**32. ROW HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET 2017-2025**

**33. HEALTHCARE WASTE GENERATION AND TREATMENT IN BRAZIL (TON/DAY)**

## List Of Figures

### LIST OF FIGURES

1. HAZARDOUS WASTE TREATMENT PROCESSES
2. GLOBAL HAZARDOUS WASTE MATERIALS MARKET BY TREATMENT TYPE (%) (2017–2025)
3. GLOBAL HAZARDOUS WASTE MATERIALS MARKET 2017-2025 (\$MILLION)
4. KEY BUYING CRITERIA FOR HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET
5. VALUE CHAIN ANALYSIS
6. HAZARDOUS WASTE GENERATED IN 2016 (1000 TON)
7. COMPLIANCE PROCESS OF WASTE MANAGEMENT
8. SOLID WASTE MANAGEMENT COST\* BY COUNTRY (\$ MILLION)
9. HAZARDOUS WASTE COST BY WASTE TYPE (PER POUND COST IN \$ (INCLUDING CONTAINER))
10. WASTE EXPORTING ECONOMIES, 2016
11. WASTE IMPORTING ECONOMIES, 2016
12. WASTE IMPORTING ECONOMIES, 2016
13. GLOBAL MEDICAL WASTE MANAGEMENT MARKET, BY TYPE OF WASTE 2017-2025(\$ MILLION)
14. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY GEOGRAPHY 2017-2025( \$ MILLION)
15. COMPONENTS OF INDUSTRIAL WASTES MATERIALS

**16. RED MARKED HAZARDOUS CHEMICAL SOLVENTS**

**17. GLOBAL INDUSTRIAL AND MANUFACTURING MARKET BY GEOGRAPHY  
2017-2025(\$ MILLION)**

**18. GLOBAL SHARPS MARKET**

**19. GLOBAL PHARMACEUTICAL WASTE MARKET BY GEOGRAPHY 2017-2025(\$  
MILLION)**

**20. MUNICIPAL WASTE MANAGEMENT IN ITALY AND FRANCE 2016**

**21. COMPOSITION OF HOUSEHOLD WASTES**

**22. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY OTHER  
HAZARDOUS WASTE MATERIAL 2017-2025(\$ MILLION)**

**23. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY TREATMENT  
TYPE 2017-2025(\$ MILLION)**

**24. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY TREATMENT  
TYPE 2015**

**25. GLOBAL INCINERATION MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**

**26. GLOBAL AUTOCLAVING MARKET 2017-2025(\$ MILLION)**

**27. GLOBAL CHEMICAL TREATMENT MARKET BY GEOGRAPHY(\$ MILLION)**

**28. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY SERVICE TYPE  
2017-2025(\$ MILLION)**

**29. DETERMINANTS OF DEMAND – 2017 TO 2025**

**30. COLLECTION, TRANSPORTATION & STORAGE - PROCESS FLOW**

**31. HIERARCHY OF IMPORTANCE IN HAZARDOUS WASTE MANAGEMENT**

**32. FIGURE GLOBAL TREATMENT & DISPOSAL MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**

**33. GLOBAL RECYCLING MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**

**34. COMPETITIVE ADVANTAGE IN HAZARDOUS WASTE MANAGEMENT INDUSTRY**

**35. OTHER SERVICES MARKET BY GEOGRAPHY**

**36. GLOBAL HAZARDOUS WASTE MANAGEMENT MARKET BY TREATMENT SITE GEOGRAPHY 2017-2025(\$ MILLION)**

**37. HAZARDOUS WASTE DETERMINATION**

**38. GLOBAL ONSITE HAZARDOUS WASTE MANAGEMENT MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**

**39. GLOBAL OFF SITE HAZARDOUS WASTE MANAGEMENT MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)**

**40. HAZARDOUS WASTE GENERATED BY IBM AND THE TREATMENT METHOD USED (2014)**

**41. PORTER'S FIVE FORCE MODEL IN HAZARDOUS WASTE MATERIAL MANAGEMENT MARK**

**42. PESTEL'S MODEL**

**43. HAZARDOUS WASTE GENERATION 2016**

**44. NORTH AMERICA HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET 2017-2025**

**45. US HAZARDOUS WASTE MANAGEMENT REGULATIONS**

**46. LEVELS OF GOVERNMENT CONTRIBUTION TO ENVIRONMENTAL PROTECTION IN CANADA**

**47. GLOBAL PHARMACEUTICAL MARKET, 2017-2025**

**48. EUROPE HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET, 2017-2025**

**49. HAZARDOUS WASTE MATERIAL BY SECTOR (MILLION TONS)**

**50. HAZARDOUS WASTE GENERATION IN ASIA-PACIFIC 2007-2015 (METRIC TONS)**

**51. APAC HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET 2017-2025**

**52. PRODUCTION AMOUNT OF INDUSTRIAL WASTE IN CHINA 2017-2025 (MILLION TONS)**

**53. ROW HAZARDOUS WASTE MATERIAL MANAGEMENT MARKET, 2017-2025**

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