

Opportunity Assessment of Waste Management in US Cities – by Waste Management Outlook (Budget, Programs, Volume, and Disposal Statistics), Key Initiatives, and Cities (Boston, Los Angeles, Philadelphia, Seattle, and San Diego) - Forecast to 2023

<https://marketpublishers.com/r/O3C6A1CB899EN.html>

Date: May 2019

Pages: 136

Price: US\$ 5,650.00 (Single User License)

ID: O3C6A1CB899EN

Abstracts

Increasing focus on waste recycling and energy generation and adoption of IoT-based smart waste management systems to drive the market

MarketsandMarkets estimates the waste management investments in US cities to grow from USD 1.0 billion in 2018 to USD 1.7 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 10.4% during the forecast period. Seattle, a major city in the US, has increased its overall recycling rate for 13 consecutive years (2003–2016). In 2016, Seattle recycled 58.8% of its municipal solid waste with an annual increase of 0.8%. The city aims to achieve overall 70% recycling rate by 2022. Key factors driving the waste management assessment in the select major US cities include an increasing focus on the collection of waste materials and transportation to recycling facilities, sorting material type and selling them to manufacturers to make new products, state governments' increasing focus on waste recycling and energy generation, and increasing adoption of smart waste management systems.

Increasing focus on waste recycling to provide growth opportunities

Population explosion, coupled with improved life style, results in increased generation of solid wastes in urban as well as rural areas. In US cities, there is a marked distinction between the solid waste from urban and rural areas. However, due to increased

urbanization, fast adoption of 'use & throw concept' and equally fast communication the gap between the two is diminishing. The solid waste from rural areas is more of a biodegradable nature and the same from urban areas contains more non-biodegradable components, such as plastics and packaging. Recycling organic materials which include food and compostable paper is the biggest opportunity to reduce trash and focus on recycling initiatives. Organics make up about one-quarter of overall trash, and few people are taking part in organics recycling programs yet. The increasing focus on vendors toward organic waste in the region is expected to provide growth opportunities for the market vendors.

Increasing adoption of IoT-based smart waste management systems to improve assessment capabilities

Internet and its applications have become an integral part and essential tools in smart waste management to increase the overall efficiency and reduce operational costs. Owing to increasing demand and necessity, the implementation of smart waste management using IoT assures the collection of garbage soon as the garbage level reaches its maximum level. The system will thus provide accurate reports, increasing the efficiency of the system. The real-time monitoring of the garbage level with the help of sensors and wireless communication reduces the total number of trips required of garbage collecting vehicles and the total expenditure associated with the garbage collection. Thus, the dustbins will be cleared as and when filled, giving way to better infrastructure and increased hygiene.

In-depth interviews were conducted with the Chief Executive Officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the waste management market to figure out assessment opportunities for key cities in the US.

By Company: Tier 1 – 20%, Tier 2 – 55%, and Tier 3 – 25%

By Designation: C-Level – 50%, Director Level – 25%, and Others – 25%

By Region: North America – 60%, Europe – 20%, APAC – 10%, and RoW – 10%

Major vendors offering waste management systems include Bigbelly, Inc. (US), Compology (US), OnePlus Systems (US), Ecube Labs (South Korea), Waste Management Inc. (US), Republic Services Inc. (US), Covanta Holding Corporation (US),

Recology (US), Athens Services (US), and Bin-e (Poland). The study includes an in-depth competitive analysis of the key players in the waste management market, along with their projects and investments, recent developments, and key market strategies. Market players have embraced different strategies to bring innovative solutions to the expand their global presence and increase their market shares. The vendors have focused on IoT-based sensors to deploy innovative waste recycling and energy generation systems.

Research coverage

The waste management opportunity assessment primarily focuses on key cities in the US. Other regions where the study is conducted includes Sweden and China.

Key benefits of the report

The report would help the market leaders/new entrants in the market with the information on the closest approximations of the revenue numbers for the overall waste management market and its subsegments. The report would help stakeholders understand the competitive landscape and gain insights to better position their businesses and plan suitable go-to-market strategies. It would also help stakeholders understand the pulse of the market and provides them with the information on the key market drivers, restraints, challenges, and opportunities.

Contents

1 RESEARCH METHODOLOGY

2 EXECUTIVE SUMMARY

2.1 ANALYSIS BY CITY

2.2 WASTE MANAGEMENT IN THE US – KEY INSIGHTS

2.3 EXECUTIVE SUMMARY – PHILADELPHIA

2.4 EXECUTIVE SUMMARY – SEATTLE

2.5 EXECUTIVE SUMMARY – LOS ANGELES

2.6 EXECUTIVE SUMMARY – SAN DIEGO

2.7 EXECUTIVE SUMMARY – BOSTON

2.8 VENDOR ANALYSIS

2.8.1 SMART WASTE AND RECYCLING SYSTEM AND VENDORS

2.9 PROMISING TECHNOLOGIES IN GLOBAL SMART WASTE AND RECYCLING

3 WASTE MANAGEMENT – CURRENT STATUS

3.1 US CITIES WASTE MANAGEMENT STATISTICS

3.2 ZERO WASTE MANAGEMENT KEY INITIATIVES AND GOALS

3.3 KEY POLICY INSIGHTS

4 WASTE MANAGEMENT STATISTICS: SWEDEN AND SAN FRANCISCO

4.1 SWEDEN

4.1.1 SWEDEN: WASTE MANAGEMENT STATISTICS

4.1.2 SWEDEN: WASTE MANAGEMENT METHODS

4.1.3 SWEDEN: WASTE TREATMENT HIERARCHY

4.1.4 SWEDEN: RECYCLING INITIATIVES

4.2 SAN FRANCISCO

4.2.1 SAN FRANCISCO: RECYCLING INITIATIVES

4.2.2 SAN FRANCISCO: RECYCLING INITIATIVES ADVANTAGES AND DISADVANTAGES

5 OPPORTUNITY ANALYSIS BY CITY

5.1 PHILADELPHIA

- 5.1.1 WASTE MANAGEMENT OUTLOOK
- 5.1.2 STAKEHOLDERS
- 5.1.3 WASTE MANAGEMENT JOURNEY IN PHILADELPHIA
- 5.1.4 ZERO WASTE STATISTICS
- 5.1.5 WASTE MANAGEMENT PROGRAMS
- 5.1.6 MARKET DYNAMICS
- 5.1.7 KEY CONTACTS IN PHILADELPHIA

5.2 SEATTLE

- 5.2.1 WASTE MANAGEMENT OUTLOOK
- 5.2.2 WASTE MANAGEMENT STATISTICS
- 5.2.3 WASTE MANAGEMENT GOALS
- 5.2.4 WASTE MANAGEMENT PROGRAMS
- 5.2.5 MARKET DYNAMICS
- 5.2.6 KEY CONTACTS IN SEATTLE

5.3 LOS ANGELES

- 5.3.1 WASTE MANAGEMENT OUTLOOK
- 5.3.2 STAKEHOLDERS
- 5.3.3 WASTE MANAGEMENT JOURNEY IN LOS ANGELES
- 5.3.4 DISPOSAL FACILITIES
- 5.3.5 WASTE MANAGEMENT PROGRAMS
- 5.3.6 MARKET DYNAMICS
- 5.3.7 KEY CONTACTS IN LOS ANGELES

5.4 SAN DIEGO

- 5.4.1 WASTE MANAGEMENT OUTLOOK
- 5.4.2 STAKEHOLDERS
- 5.4.3 WASTE MANAGEMENT JOURNEY IN SAN DIEGO
- 5.4.4 ZERO WASTE GOALS
- 5.4.5 MARKET DYNAMICS
- 5.4.6 KEY CONTACTS: SAN DIEGO

5.5 BOSTON

- 5.5.1 WASTE MANAGEMENT OUTLOOK
- 5.5.2 STAKEHOLDERS
- 5.5.3 WASTE MANAGEMENT JOURNEY IN BOSTON
- 5.5.4 WASTE MANAGEMENT GOALS
- 5.5.5 MARKET DYNAMICS

6 APPENDIX

6.1 PHILADELPHIA APPENDIX – MAJOR WASTE CATEGORIES

6.2 SEATTLE APPENDIX - WASTE SEGREGATION

6.3 SEATTLE APPENDIX – VENDOR COMPENSATION

6.4 LA APPENDIX– CITYWIDE CURBSIDE RECYCLING PROGRAM: HOUSEHOLD
RECYCLABLE MATERIALS GUIDE

6.5 SAN DIEGO APPENDIX – FRANCHISED HAULER LIST

List Of Tables

LIST OF TABLES

TABLE 1 US GARBAGE COMPOSITION: BY WASTE MATERIAL TYPE, 2018

TABLE 2 KEY VENDORS HANDLING WASTE MANAGEMENT ACTIVITIES IN PHILADELPHIA SINCE 2012

TABLE 3 BIGBELLY PROGRAM IN PHILADELPHIA: INDICATING CITY'S CAREFUL PLANNING

TABLE 4 KEY CONTACTS IN PHILADELPHIA

TABLE 5 SEATTLE: RESIDENTIAL PROGRAMS (SINGLE FAMILY & MULTIFAMILY)

TABLE 6 KEY CONTACTS IN SEATTLE

TABLE 7 MAJOR DISPOSAL FACILITIES IN LOS ANGELES

TABLE 8 ACCOUNTS PER HAULER

TABLE 9 KEY CONTACTS IN LOS ANGELES

TABLE 10 KEY CONTACTS: SAN DIEGO

TABLE 11 ECONOMICAL BENEFITS OF RECYCLING

TABLE 12 BOSTON HAS DESIGNED NEW SERVICES, RULES AND OUTREACH / AWARENESS INITIATIVES FOR RESIDENTIAL AND COMMERCIAL SEGMENTS

TABLE 13 LA APPENDIX – CONTRACTUAL CHARGES AND RATES

TABLE 14 SAN DIEGO APPENDIX – FRANCHISED HAULER LIST

TABLE 15 SAN DIEGO APPENDIX - PROPOSED PROGRAMS FOR 75% DIVERSION BY 2020

List Of Figures

LIST OF FIGURES

FIGURE 1 PROMISING TECHNOLOGIES IN GLOBAL SMART WASTE AND RECYCLING

FIGURE 2 US GARBAGE COMPOSITION: BY WASTE MATERIAL TYPE, 2018 (% SHARE)

FIGURE 3 WASTE TREATMENT HIERARCHY IN SWEDEN

FIGURE 4 PHILADELPHIA GROSS MUNICIPAL WASTE (IN MILLION TONS)

FIGURE 5 PHILADELPHIA WASTE MANAGEMENT OUTLOOK (2014)

FIGURE 6 PHILADELPHIA WASTE MANAGEMENT STATISTICS (2016-2018)

FIGURE 7 SEATTLE SOLID WASTE GENERATED BY SECTOR (IN THOUSAND TONS) , 2011-2016

FIGURE 8 SEATTLE WASTE MANAGEMENT BY METHOD (IN THOUSAND TONS), 2011-2016

FIGURE 9 SOLID WASTE FUND (USD M), 2015-2018

FIGURE 10 COST ALLOCATION BY SEGMENT (2017)

FIGURE 11 COST ALLOCATION BY EXPENSES HEAD

FIGURE 12 SPENDING BY MAJOR CATEGORY (2017)

FIGURE 13 LOS ANGELES WASTE GENERATION BY SEGMENT (2013)

FIGURE 14 LOS ANGELES WASTE MANAGEMENT OUTLOOK

FIGURE 15 LOS ANGELES WASTE DISPOSED BY LOCATIONS (2016)

FIGURE 16 LOS ANGELES COMMERCIAL WASTE GENERATED BY BUSINESS GROUP (2014)

FIGURE 17 LOS ANGELES SOLID WASTE COLLECTION AND DISPOSAL BUDGET (USD M), 2016-2019

FIGURE 18 ACCOUNTS (%) BY HAULERS

FIGURE 19 WASTE DISPOSAL BY SECTOR (2013)

FIGURE 20 SAN DIEGO WASTE MANAGEMENT OUTLOOK (2013)

FIGURE 21 WASTE VOLUME HANDLED BY HAULERS IN COMMERCIAL AND MULTI-FAMILY SEGMENTS (2013) IN THOUSAND TONS

FIGURE 22 SAN DIEGO CONTRIBUTION OF GENERAL FUND FOR WASTE COLLECTION (USD M), 2016-2018

FIGURE 23 SAN DIEGO AUTOMATED REFUSE CONTAINER FUND (USD M), 2016-2018

FIGURE 24 SAN DIEGO CONTRIBUTION OF ENTERPRISE FUND FOR WASTE MANAGEMENT INITIATIVES (IN USD M)

FIGURE 25 BOSTON RESIDENTIAL WASTE MANAGEMENT IN BOSTON (IN

THOUSAND TONS) 2013 - 2017

FIGURE 26 BOSTON RESIDENTIAL DISPOSAL COMPOSITION BY TYPE (2016)

FIGURE 27 BOSTON COMMERCIAL DISPOSAL COMPOSITION BY TYPE (2016)

FIGURE 28 BOSTON WASTE REDUCTION BUDGET (USD M), 2013-2018

FIGURE 29 SEATTLE PROPOSED MONTHLY COMPENSATION TO WASTE
MANAGEMENT INC. FOR WASTE COLLECTION IN 2019 (TOTAL COLLECTION
PAYMENT: USD 2.5M)

I would like to order

Product name: Opportunity Assessment of Waste Management in US Cities – by Waste Management Outlook (Budget, Programs, Volume, and Disposal Statistics), Key Initiatives, and Cities (Boston, Los Angeles, Philadelphia, Seattle, and San Diego) - Forecast to 2023

Product link: <https://marketpublishers.com/r/O3C6A1CB899EN.html>

Price: US\$ 5,650.00 (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/O3C6A1CB899EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970