

Electronics Recycling: Market Research Report

<https://marketpublishers.com/r/EF83847434DEN.html>

Date: January 2019

Pages: 351

Price: US\$ 5,450.00 (Single User License)

ID: EF83847434DEN

Abstracts

This report analyzes the worldwide markets for Electronics Recycling in US\$ Million.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2017 through 2025.

Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 204 companies including many key and niche players such as

-

AERC Recycling Solutions

Aurubis AG

Boliden Group

Dlubak Glass Company

Enviro-Hub Holdings Ltd.

Exitcom Recycling GmbH

Contents

1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

2. INDUSTRY OVERVIEW

Growing Volumes of e-Waste Create Pressing Need for Sustainable Handling
Electronics Recycling – A High Growth Industry
E-Waste Statistics

Table 1. Global E-Waste Generated (in Million Metric Tons) and E-Waste Generated per Inhabitant (in Kg) for the Years 2013E through 2021F (includes corresponding Graph/Chart)

Table 2. Percentage Breakdown of E-Waste Volume by Geographic Region for USA, Canada, Europe, Asia, Oceania, Africa and Latin America for the Year 2018E (includes corresponding Graph/Chart)

Table 3. E-Waste Generated per Inhabitant in Kg for Select Countries: 2018E (includes corresponding Graph/Chart)

Table 4. Global E-Waste Generated by Category (in %): 2018E (includes corresponding Graph/Chart)

Key Facts about Electronics Waste Recycling
E-Waste – A Potential Mine For Secondary Resources
Market for Electronic Recycling Exhibits Significant Growth
Current and Future Analysis
Developing Countries – A High Growth Market
Stringent Regulations to Emerge as a Major Driving Force
Concerns Pertaining to Environmental Degradation and Health Fuel Demand for E-Recycling Technologies

3. MARKET TRENDS, DRIVERS & ISSUES

Robust Smartphone Penetration Contributes to the Swelling e-Scrap Recycling Market

Table 5. World Market for Smartphones (2016, 2018 & 2022): Breakdown of Sales in Million Units by Geographic Region/Country (includes corresponding Graph/Chart)

Thriving Reusable Cellphones Market Reduces E-Waste
Modular Phone Concept Paves Way to Minimize E-Waste
Wearables Manufacturers Focus on Effective EOL Strategies
Collaboration: Key to Profitable Recycling
Governments Take Initiatives to Tackle E-Waste Menace
Recycling, Best Method to Resolve E-Waste Issue
Recyclers Collaborate with Device Manufacturers
Manufacturer Efforts Boost Industry Growth
Dell's Initiative

HP

Apple
Liam: The Way Ahead
Samsung
Microsoft
Smaller and Thinner Devices Create Challenges for Recyclers
Innovative Strategies Drive Efficiency
Extended Producer Responsibility Redefines E-Waste Management
E-Waste Management Initiatives
Device Manufacturers Focus on Recyclable Products
Wooden Computer Chips – Potential to Aid E-Waste Management
Other Innovative Technologies to Reduce E-Waste Generation
Data Security: A Vital Aspect of E-waste Disposal
Developing Countries – The Common Destination for E-Waste Dumping
Low Income Countries Face the Burnt
Challenges Confronting Total E-waste Elimination
Rapid Production of Large Quantum of E-Waste Makes Management a Key Challenge
Low Commodity Price Values – A Major Challenge
Low General Public Awareness Levels Thwarts Industry Efforts

4. REGULATORY OVERVIEW

Policies for Electronic Recycling from ISRI
Regulation for Tackling Growing E-Waste Problem
Global Legislations for Electrical and Electronic Waste by Region
Basel Convention
United States
Safe Disposal of Used and Damaged Electronics
Absence of Regulatory Statutes for E-Waste Management
Europe
Asia
Australia
Product Stewardship Australia

5. ELECTRONICS RECYCLING – AN OVERVIEW

Electronic Waste (e-Waste)
Types of E-Waste

Table 6. Typical Material Composition of Select Electrical and Electronic Equipment (in %) (includes corresponding Graph/Chart)

Electronics Recycling
Overview of Electronics Recycling Organizations World Over
E-Waste Management
Recycling
Processing Techniques
Advantages of E-Waste Recycling
Environmental Encroachments of e-waste Management
Benefits of Reuse and Recycling
Electronic Waste Compounds
Compounds/Elements Found in Electronic Waste
Health Impact of Toxic Substance Traces in Improperly Disposed E-wastes
General Applications of Various Compound/ Elements Used in Electronic Products
Waste Electrical and Electronic Equipment
Popular Recycling Methods
Recycling of Circuit Boards
Cooking of Circuit Boards

Acid Stripping

Burning of Plastics

Dumping of Leaded Glass

FIGURE: Steps Involved in E-Waste Recycling Procedure

Health Hazards from Select Chemicals in Electronic Products

6. COMPETITIVE LANDSCAPE

eScrap Recycling – A Highly Consolidated Market

Mushrooming Startup Companies Boost Recycling Market

6.1 Focus on Select Global Players

AERC Recycling Solutions (USA)

Aurubis AG (Germany)

Boliden Group (Sweden)

Dlubak Glass Company (USA)

Enviro-Hub Holdings Ltd. (Singapore)

Cimelia Resource Recovery Pte Ltd. (Singapore)

Exitcom Recycling GmbH (Germany)

Fortune Group (USA)

Good Point Recycling (USA)

MBA Polymers, Inc. (USA)

Sims Metal Management Limited (Australia)

Stena Technoworld AB (Sweden)

Ultrromex Ltd. (UK)

Umicore N. V. (Belgium)

URT (USA)

Zak Enterprises (USA)

6.2 Recent Industry Activity

Tech Dump Acquires Scrubb. IT

406 RECYCLING LAUNCHES ELECTRONICS RECYCLING PROGRAM POST HELENA INDUSTRIES SHUTDOWN

Transpere Acquires IMS Electronics Recycling

TerraCycle US Acquires Air Cycle

Novelis to Acquire Aleris

HLS Electronics Incorporates HLS Property

Goodwill E-cycle Partners with Goodwill Industries of Southeastern Wisconsin for Electronics Recycling

OfficeMax Partners with ANZRP to Provide Free E-Waste initiative

Audi Partners with Umicore and Develops Closed Loop Battery Recycling

Blue Star Recyclers Partners with Pitkin County and the City of Aspen to Handle e-Waste

NTU Singapore Partners with CEA to Develop Innovative E-Waste Recycling Technologies

Canada Launches Electronics Recycling Program in Yukon Territory

A1 Assets and Indian River County Launch First Electronic Recycling Drive

NY DEC Announces Recycling Grants for E-Waste

Elephant Equity Buys MBA Polymers

Clean Earth to Acquire AERC Recycling Solutions

MBA Polymers to Develop Waste Management and Post-Consumer Plastic Production Unit in India

EnviroLeach and Jabil Launch E-Waste Recycling Plant in Memphis

Canadian Environment and Local Government Minister Launches the New Electronic Products Recycling Program

7. GLOBAL MARKET PERSPECTIVE

Table 7. World Recent Past, Current & Future Analysis for Electronics Recycling by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 8. World Historic Review for Electronics Recycling by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

Table 9. World 14-Year Perspective for Electronics Recycling by Geographic Region - Percentage Breakdown of Annual Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets for Years 2012, 2019 and 2025 (includes corresponding Graph/Chart)

8. REGIONAL MARKET PERSPECTIVE

8.1 The United States

A. Market Analysis

Outlook

E-Waste Market in the US

Key Statistics

Table 10. Average Lifespan (Years) and Weight (Pounds) of Select Consumer Electronic Products in the US (includes corresponding Graph/Chart)

Table 11. Recycling Rates of Select Consumer Electronic Products in the US for the Years 2010 & 2016 (includes corresponding Graph/Chart)

Table 12. Volume of Electronic Scrap Collection in the US in Million Pounds for the Years 2016 & 2022F (includes corresponding Graph/Chart)

Table 13. US Hazardous Waste Recycling (2011): Breakdown by Recycling Management Method and Volumes Managed (Tons) (includes corresponding Graph/Chart)

Increasing Mobile Phone Sales and the Ensuing Discarded Items Provide Business Opportunities for Recyclers

Table 14. Smartphone Users (in Millions) in the United States: 2015-2022E (includes corresponding Graph/Chart)

Increasing Consumer Awareness about Electronics Recycling Boosts Industry Growth
Growing Electronic Waste Woes

FIGURE: Ideal Product Lifecycle in the US

Opportunities

E-Waste Recycling Programs on Offer

Apple

Samsung

Microsoft

Other US Recyclers of E-Waste

The Annual Durham ReUse Rodeo, E-Waste Recycling & Paper Shredding Event

NYC E-Waste Recycling Initiative Touches New Landmark

Amazon Launches E-Waste Recycling Program
Improper E-Waste Management – A National Security Concern
Eco-Friendly Alternative to e-Waste Recycling
Major Challenges Confronting Consumer Electronics Recycling
Market Entry not Easy for Electronic Waste Recyclers
Other Challenges
Regulatory Overview
Governing E-Waste Management
Recycling Mandates for Certain Electronics
US Legislations on Electric and Electronic Waste
Year of E-Waste Legislations Passed by US States
Electronics Recycling Federal Authorities in North America
Disposal Ban Laws for Select US States
B. Market Analytics

Table 15. The US Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 16. The US Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.2 Canada

A. Market Analysis

Outlook

Electronic Waste and Recycling – An Overview

Canada Awakens to E-Waste Recycling

Greentec – One of Canada's Most Advanced E-waste Processing Companies

B. Market Analytics

Table 17. Canadian Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 18. Canadian Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes

corresponding Graph/Chart)

8.3 Japan

A. Market Analysis

Outlook

Electronic Waste Market Overview

Table 19. E-Waste in Japan (2018E): Percentage Breakdown of e-Waste by Source (includes corresponding Graph/Chart)

B. Market Analytics

Table 20. Japanese Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 21. Japanese Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.4 Europe

A. Market Analysis

Outlook

Overview of the E-Waste Management Market in Europe

Table 22. E-Waste Generated per Inhabitant in Kg for Select European Countries: 2018E (includes corresponding Graph/Chart)

Illegal Trading of E-Waste Rampant in EU

Circular Economy Scheme

Effective Recycling to Offer Significant Savings to the European Market

B. Market Analytics

Table 23. European Recent Past, Current & Future Analysis for Electronics Recycling by Geographic Region - France, Germany, Italy, UK, Spain, Russia, and Rest of Europe

Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 24. European Historic Review for Electronics Recycling by Geographic Region - France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

Table 25. European 14-Year Perspective for Electronics Recycling by Geographic Region - Percentage Breakdown of Annual Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2012, 2019 and 2025 (includes corresponding Graph/Chart)

8.4.1 France Market Analysis

Table 26. French Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 27. French Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.4.2 Germany Market Analysis

Table 28. German Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 29. German Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.4.3 Italy Market Analysis

Table 30. Italian Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 31. Italian Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.4.4 The United Kingdom

A. Market Analysis

Outlook

Facts about Recycling Market in the UK

B. Market Analytics

Table 32. UK Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 33. UK Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.4.5 Spain

Market Analysis

Table 34. Spanish Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 35. Spanish Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.4.6 Russia

A. Market Analysis

Outlook

Status of e-waste Recycling

B. Market Analytics

Table 36. Russian Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 37. Russian Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.4.7 Rest of Europe

A. Market Analysis

Outlook

Recycling Practices in Ireland

B. Market Analytics

Table 38. Rest of Europe Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 39. Rest of Europe Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.5 Asia-Pacific

A. Market Analysis

Outlook

A Snapshot of E-Recycling Market in Asia-Pacific

Table 40. E-Waste Generated by Select Countries in Asia in Kilo Tons: 2018E (includes corresponding Graph/Chart)

Legislations on Electric and Electronic Waste in Asia-Pacific

Advent of Innovative Technologies Foster Growth for E-Recycling Market

Stringent Regulations Propel Recyclers to Integrate Recycling Devices
Illegal Imports of e-Waste

Australia

Tech Innovation to Convert e-Waste into Reusable Industrial Materials

China

Opportunities in Electronics Recycling Market

Chinese Regulations to Confront Electronic Waste Issues

Chinese Government Passes China WEEE

China to Step up Recycling Activities

India

Indian E-Waste Management Market to Record Strong Growth

Overview of Electronic Waste Treatment in India

Table 41. Indian E-Waste Market (2018E): Percentage Breakdown of Material Composition for Electrical and Electronic Equipment (includes corresponding Graph/Chart)

Emerging Crisis of Electronic Waste Imports in India

Table 42. Indian E-Waste Imports (2017E): Percentage Breakdown of Volume Imports by Country of Origin (includes corresponding Graph/Chart)

Unorganized Sector Dominates Indian E-Waste Management Market

Adopting Rating System to Transform e-Waste Recycling Industry

GreenCo Rating System

The CII Sohrabji Godrej Green Business Centre

Singapore – Government Introduces Legislation to Regulate E-Waste Recycling

South Korea – Challenges from Burgeoning E-Waste

B. Market Analytics

Table 43. Asia-Pacific Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 44. Asia-Pacific Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes

corresponding Graph/Chart)

8.6 Latin America Market Analysis

Table 45. Latin American Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 46. Latin American Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

8.7 Rest of World

A. Market Analysis

Outlook

Facts about the E-Waste Market

Increasing Trend of Electronic Waste Recycling in East Africa

South Africa – Problem of E-waste

South Africa Losing Out on Economic Potential of E-Waste Recycling

Waste Research, Development, and Innovation Roadmap

Challenges

Ghana's Accra – A Major Market for Recycling of E-Waste

Ghana to Transform the World's Largest E-Waste Dump

Middle East Makes Efforts for Effective Management of E-Waste

Toxic Waste Management in the UAE

Israel Surpass Annual Target for E-Waste Recycling

B. Market Analytics

Table 47. Rest of World Recent Past, Current & Future Analysis for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2017 through 2025 (includes corresponding Graph/Chart)

Table 48. Rest of World Historic Review for Electronics Recycling Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2012 through 2016 (includes corresponding Graph/Chart)

9. COMPANY PROFILES

Total Companies Profiled: 204 (including Divisions/Subsidiaries - 221)

The United States (75)

Canada (9)

Japan (2)

Europe (114)

France (9)

Germany (29)

The United Kingdom (16)

Russia (1)

Spain (3)

Rest of Europe (56)

Asia-Pacific (Excluding Japan) (19)

Africa (1)

Latin America (1)

I would like to order

Product name: Electronics Recycling: Market Research Report

Product link: <https://marketpublishers.com/r/EF83847434DEN.html>

Price: US\$ 5,450.00 (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/EF83847434DEN.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