

E-waste Disposal Market By Material (Metal, Plastic, Glass, Others), By Source (Household Appliances, IT and Telecommunication, Consumer Electronics, Others): Global Opportunity Analysis and Industry Forecast, 2024-2032

<https://marketpublishers.com/r/E1F004D51406EN.html>

Date: April 2024

Pages: 250

Price: US\$ 3,570.00 (Single User License)

ID: E1F004D51406EN

Abstracts

The e-waste disposal market was valued at \$64.4 billion in 2023 and is projected to reach \$ 198.5 billion by 2032, growing at a CAGR of 13.6% from 2024 to 2032.

The e-waste disposal market pertains to the management and treatment of electronic waste, encompassing discarded electrical and electronic devices. With the proliferation of technology worldwide, the disposal of electronic waste has become a pressing global concern due to its environmental and health implications. This market involves various processes such as collection, recycling, refurbishment, and disposal of e-waste in an environmentally sustainable manner.

As societies embrace digitalization and technology adoption accelerates, the volume of electronic waste continues to surge, driving the demand for effective disposal solutions. In addition, stringent regulations, growing awareness regarding environmental conservation, and corporate sustainability initiatives further propel the e-waste disposal market forward, emphasizing the importance of responsible management of electronic waste for a sustainable future.

Environmental awareness plays a pivotal role in driving individuals and organizations towards seeking sustainable solutions for e-waste disposal. As society becomes more cognizant of the adverse environmental impacts associated with improper e-waste

management, there is a growing sense of urgency to adopt responsible disposal practices. One of the primary concerns driving this awareness is the detrimental impact of e-waste on ecosystems and human health. Improper disposal methods such as landfilling or incineration release hazardous substances like lead, mercury, and cadmium into the environment, contaminating soil, water, and air. These toxins pose significant risks to biodiversity, agricultural productivity, and human well-being, contributing to various health problems and ecological imbalances.

Moreover, there is a growing recognition of the finite nature of natural resources and the need for sustainable resource management. Electronic devices contain valuable materials such as gold, silver, copper, and rare earth metals, which are recovered through recycling processes. By recycling e-waste, valuable resources are conserved, reducing the need for virgin extraction, and minimizing the environmental impact of resource depletion. Furthermore, environmental awareness is fueled by advocacy efforts, educational campaigns, and media coverage highlighting the consequences of e-waste pollution.

Individuals and organizations are increasingly educated about the importance of proper disposal methods, such as recycling and refurbishment, to minimize environmental harm and maximize resource efficiency. In response to these concerns, governments, businesses, and non-profit organizations are implementing initiatives to promote sustainable e-waste disposal practices. This includes the establishment of regulations, incentives for recycling, and the development of infrastructure for e-waste collection and processing. By fostering environmental awareness and promoting sustainable solutions, society mitigates the environmental footprint of e-waste disposal while moving towards a more circular and resource-efficient economy.

Inadequate infrastructure for e-waste management presents a formidable challenge, especially in developing regions where resources are scarce. Limited access to specialized facilities and equipment hampers the safe collection, transportation, and recycling of electronic waste, exacerbating environmental and health risks. In many developing countries, e-waste recycling facilities are often lacking or underdeveloped, forcing communities to resort to informal and often hazardous methods of disposal, such as burning or dumping e-waste in landfills or water bodies. Furthermore, inadequate transportation networks and logistics infrastructure impede the efficient movement of e-waste from collection points to recycling facilities, leading to delays, inefficiencies, and increased costs. Lack of proper waste management systems also contributes to the proliferation of e-waste in urban areas,

exacerbating pollution and public health concerns. Addressing the challenge of inadequate infrastructure requires concerted efforts from governments, industry stakeholders, and international organizations to invest in the development of comprehensive e-waste management systems, including the establishment of recycling facilities, improvement of transportation networks, and implementation of effective regulatory frameworks. In addition, initiatives to raise awareness and promote sustainable consumption and disposal practices help mitigate the environmental and social impacts of inadequate e-waste infrastructure in developing regions.

Transitioning to a circular economy model offers profound opportunities within the e-waste disposal sector by transforming the linear take-make-dispose approach into a closed-loop system that maximizes resource efficiency and minimizes waste. Through recycling, refurbishment, and remanufacturing processes, e-waste is diverted from landfills and reintegrated into the production cycle, thereby extracting additional value from discarded electronics. Recycling involves recovering valuable materials such as metals, plastics, and glass from e-waste, which then are used to manufacture new products or components. Refurbishment entails repairing and upgrading used electronics to extend their lifespan and functionality, catering to consumers' demand for affordable and sustainable alternatives to new devices. Remanufacturing involves restoring products to a "like-new condition by replacing worn-out parts and components, enabling their resale or reuse in secondary markets.

By embracing circular economy initiatives, businesses reduce their reliance on virgin resources, mitigate environmental degradation associated with resource extraction and waste disposal, and lower their carbon footprint. Furthermore, transitioning to a circular economy model fosters innovation, job creation, and economic growth while promoting sustainable consumption patterns and enhancing resilience to resource scarcity. Overall, embracing circular economy principles within the e-waste disposal sector presents opportunities for businesses to minimize environmental impact, and contribute to a more sustainable future.

The global e-waste disposal market is segmented by material, source, and region. By material, the market is divided into metal, plastic, glass, and others. On the basis of source, it is categorized into household appliances, IT and telecommunication, consumer electronics, and others.

Region-wise, it is analyzed across North America (the U.S., Canada, and Mexico), Europe (the UK, Germany, France, Italy, Spain, and the rest of Europe), Asia-Pacific (China, Japan, India, South Korea, Australia, and rest of Asia-Pacific), Latin America

(Brazil, Argentina, and rest of Latin America), and Middle East and Africa (UAE, Saudi Arabia, South Africa, and rest of Middle East & Africa).

The players operating in the global e-waste disposal market are Desc%li%Electronic Recyclers, Aurubis AG, Boliden Group, MBA Polymers Inc., ERI, Sims Limited, Umicore, Stena Metall AB, Tetronics Environmental Technology Company, and MRI Technologies.

Key Benefits For Stakeholders

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the e-waste disposal market analysis from 2023 t%li%2032 t%li%identify the prevailing e-waste disposal market opportunities.

The market research is offered along with information related t%li%key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers t%li%enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

In-depth analysis of the e-waste disposal market segmentation assists t%li%determine the prevailing market opportunities.

Major countries in each region are mapped according t%li%their revenue contribution t%li%the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

The report includes the analysis of the regional as well as global e-waste disposal market trends, key players, market segments, application areas, and market growth strategies.

Additional benefits you will get with this purchase are:

Quarterly Update and* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting t%li%16 analyst hours t%li%solve questions, and post-sale queries)

15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent t%li%3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response*

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk t%li%the sales executive t%li%know more)

G%li%T%li%Market Strategy

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

SWOT Analysis

Key Market Segments

By Material

Metal

Plastic

Glass

Others

By Source

Household Appliances

IT and Telecommunication

Consumer Electronics

Others

By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Argentina

Rest of Latin America

Middle East and Africa

Saudi Arabia

South Africa

Rest of Middle East And Africa

Key Market Players

Desc%li%Electronic Recyclers

AURUBIS AG

Boliden Group

MBA Polymers Inc

ERI

Sims Limited

Umicore

Stena Metall AB

Tetronics Environmental Technology Company

MRI Technologies

Contents

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research methodology
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
- 3.3. Porter's five forces analysis
- 3.4. Market dynamics
 - 3.4.1. Drivers
 - 3.4.2. Restraints
 - 3.4.3. Opportunities
- 3.5. Patent Landscape

CHAPTER 4: E-WASTE DISPOSAL MARKET, BY MATERIAL

- 4.1. Overview
 - 4.1.1. Market size and forecast
- 4.2. Metal
 - 4.2.1. Key market trends, growth factors and opportunities
 - 4.2.2. Market size and forecast, by region
 - 4.2.3. Market share analysis by country
- 4.3. Plastic
 - 4.3.1. Key market trends, growth factors and opportunities

- 4.3.2. Market size and forecast, by region
- 4.3.3. Market share analysis by country
- 4.4. Glass
 - 4.4.1. Key market trends, growth factors and opportunities
 - 4.4.2. Market size and forecast, by region
 - 4.4.3. Market share analysis by country
- 4.5. Others
 - 4.5.1. Key market trends, growth factors and opportunities
 - 4.5.2. Market size and forecast, by region
 - 4.5.3. Market share analysis by country

CHAPTER 5: E-WASTE DISPOSAL MARKET, BY SOURCE

- 5.1. Overview
 - 5.1.1. Market size and forecast
- 5.2. Household Appliances
 - 5.2.1. Key market trends, growth factors and opportunities
 - 5.2.2. Market size and forecast, by region
 - 5.2.3. Market share analysis by country
- 5.3. IT and Telecommunication
 - 5.3.1. Key market trends, growth factors and opportunities
 - 5.3.2. Market size and forecast, by region
 - 5.3.3. Market share analysis by country
- 5.4. Consumer Electronics
 - 5.4.1. Key market trends, growth factors and opportunities
 - 5.4.2. Market size and forecast, by region
 - 5.4.3. Market share analysis by country
- 5.5. Others
 - 5.5.1. Key market trends, growth factors and opportunities
 - 5.5.2. Market size and forecast, by region
 - 5.5.3. Market share analysis by country

CHAPTER 6: E-WASTE DISPOSAL MARKET, BY REGION

- 6.1. Overview
 - 6.1.1. Market size and forecast By Region
- 6.2. North America
 - 6.2.1. Key market trends, growth factors and opportunities
 - 6.2.2. Market size and forecast, by Material

6.2.3. Market size and forecast, by Source

6.2.4. Market size and forecast, by country

6.2.4.1. U.S.

6.2.4.1.1. Market size and forecast, by Material

6.2.4.1.2. Market size and forecast, by Source

6.2.4.2. Canada

6.2.4.2.1. Market size and forecast, by Material

6.2.4.2.2. Market size and forecast, by Source

6.2.4.3. Mexico

6.2.4.3.1. Market size and forecast, by Material

6.2.4.3.2. Market size and forecast, by Source

6.3. Europe

6.3.1. Key market trends, growth factors and opportunities

6.3.2. Market size and forecast, by Material

6.3.3. Market size and forecast, by Source

6.3.4. Market size and forecast, by country

6.3.4.1. Germany

6.3.4.1.1. Market size and forecast, by Material

6.3.4.1.2. Market size and forecast, by Source

6.3.4.2. France

6.3.4.2.1. Market size and forecast, by Material

6.3.4.2.2. Market size and forecast, by Source

6.3.4.3. Italy

6.3.4.3.1. Market size and forecast, by Material

6.3.4.3.2. Market size and forecast, by Source

6.3.4.4. UK

6.3.4.4.1. Market size and forecast, by Material

6.3.4.4.2. Market size and forecast, by Source

6.3.4.5. Spain

6.3.4.5.1. Market size and forecast, by Material

6.3.4.5.2. Market size and forecast, by Source

6.3.4.6. Rest of Europe

6.3.4.6.1. Market size and forecast, by Material

6.3.4.6.2. Market size and forecast, by Source

6.4. Asia-Pacific

6.4.1. Key market trends, growth factors and opportunities

6.4.2. Market size and forecast, by Material

6.4.3. Market size and forecast, by Source

6.4.4. Market size and forecast, by country

- 6.4.4.1. China
 - 6.4.4.1.1. Market size and forecast, by Material
 - 6.4.4.1.2. Market size and forecast, by Source
- 6.4.4.2. Japan
 - 6.4.4.2.1. Market size and forecast, by Material
 - 6.4.4.2.2. Market size and forecast, by Source
- 6.4.4.3. India
 - 6.4.4.3.1. Market size and forecast, by Material
 - 6.4.4.3.2. Market size and forecast, by Source
- 6.4.4.4. Australia
 - 6.4.4.4.1. Market size and forecast, by Material
 - 6.4.4.4.2. Market size and forecast, by Source
- 6.4.4.5. South Korea
 - 6.4.4.5.1. Market size and forecast, by Material
 - 6.4.4.5.2. Market size and forecast, by Source
- 6.4.4.6. Rest of Asia-Pacific
 - 6.4.4.6.1. Market size and forecast, by Material
 - 6.4.4.6.2. Market size and forecast, by Source
- 6.5. Latin America
 - 6.5.1. Key market trends, growth factors and opportunities
 - 6.5.2. Market size and forecast, by Material
 - 6.5.3. Market size and forecast, by Source
 - 6.5.4. Market size and forecast, by country
 - 6.5.4.1. Brazil
 - 6.5.4.1.1. Market size and forecast, by Material
 - 6.5.4.1.2. Market size and forecast, by Source
 - 6.5.4.2. Argentina
 - 6.5.4.2.1. Market size and forecast, by Material
 - 6.5.4.2.2. Market size and forecast, by Source
 - 6.5.4.3. Rest of Latin America
 - 6.5.4.3.1. Market size and forecast, by Material
 - 6.5.4.3.2. Market size and forecast, by Source
- 6.6. Middle East and Africa
 - 6.6.1. Key market trends, growth factors and opportunities
 - 6.6.2. Market size and forecast, by Material
 - 6.6.3. Market size and forecast, by Source
 - 6.6.4. Market size and forecast, by country
 - 6.6.4.1. Saudi Arabia
 - 6.6.4.1.1. Market size and forecast, by Material

- 6.6.4.1.2. Market size and forecast, by Source
- 6.6.4.2. South Africa
 - 6.6.4.2.1. Market size and forecast, by Material
 - 6.6.4.2.2. Market size and forecast, by Source
- 6.6.4.3. Rest of Middle East And Africa
 - 6.6.4.3.1. Market size and forecast, by Material
 - 6.6.4.3.2. Market size and forecast, by Source

CHAPTER 7: COMPETITIVE LANDSCAPE

- 7.1. Introduction
- 7.2. Top winning strategies
- 7.3. Product mapping of top 10 player
- 7.4. Competitive dashboard
- 7.5. Competitive heatmap
- 7.6. Top player positioning, 2023

CHAPTER 8: COMPANY PROFILES

- 8.1. Desco Electronic Recyclers
 - 8.1.1. Company overview
 - 8.1.2. Key executives
 - 8.1.3. Company snapshot
 - 8.1.4. Operating business segments
 - 8.1.5. Product portfolio
 - 8.1.6. Business performance
 - 8.1.7. Key strategic moves and developments
- 8.2. AURUBIS AG
 - 8.2.1. Company overview
 - 8.2.2. Key executives
 - 8.2.3. Company snapshot
 - 8.2.4. Operating business segments
 - 8.2.5. Product portfolio
 - 8.2.6. Business performance
 - 8.2.7. Key strategic moves and developments
- 8.3. Boliden Group
 - 8.3.1. Company overview
 - 8.3.2. Key executives
 - 8.3.3. Company snapshot

- 8.3.4. Operating business segments
- 8.3.5. Product portfolio
- 8.3.6. Business performance
- 8.3.7. Key strategic moves and developments
- 8.4. MBA Polymers Inc
 - 8.4.1. Company overview
 - 8.4.2. Key executives
 - 8.4.3. Company snapshot
 - 8.4.4. Operating business segments
 - 8.4.5. Product portfolio
 - 8.4.6. Business performance
 - 8.4.7. Key strategic moves and developments
- 8.5. ERI
 - 8.5.1. Company overview
 - 8.5.2. Key executives
 - 8.5.3. Company snapshot
 - 8.5.4. Operating business segments
 - 8.5.5. Product portfolio
 - 8.5.6. Business performance
 - 8.5.7. Key strategic moves and developments
- 8.6. Sims Limited
 - 8.6.1. Company overview
 - 8.6.2. Key executives
 - 8.6.3. Company snapshot
 - 8.6.4. Operating business segments
 - 8.6.5. Product portfolio
 - 8.6.6. Business performance
 - 8.6.7. Key strategic moves and developments
- 8.7. Umicore
 - 8.7.1. Company overview
 - 8.7.2. Key executives
 - 8.7.3. Company snapshot
 - 8.7.4. Operating business segments
 - 8.7.5. Product portfolio
 - 8.7.6. Business performance
 - 8.7.7. Key strategic moves and developments
- 8.8. Stena Metall AB
 - 8.8.1. Company overview
 - 8.8.2. Key executives

- 8.8.3. Company snapshot
- 8.8.4. Operating business segments
- 8.8.5. Product portfolio
- 8.8.6. Business performance
- 8.8.7. Key strategic moves and developments
- 8.9. Tetronics Environmental Technology Company
 - 8.9.1. Company overview
 - 8.9.2. Key executives
 - 8.9.3. Company snapshot
 - 8.9.4. Operating business segments
 - 8.9.5. Product portfolio
 - 8.9.6. Business performance
 - 8.9.7. Key strategic moves and developments
- 8.10. MRI Technologies
 - 8.10.1. Company overview
 - 8.10.2. Key executives
 - 8.10.3. Company snapshot
 - 8.10.4. Operating business segments
 - 8.10.5. Product portfolio
 - 8.10.6. Business performance
 - 8.10.7. Key strategic moves and developments

I would like to order

Product name: E-waste Disposal Market By Material (Metal, Plastic, Glass, Others), By Source (Household Appliances, IT and Telecommunication, Consumer Electronics, Others): Global Opportunity Analysis and Industry Forecast, 2024-2032

Product link: <https://marketpublishers.com/r/E1F004D51406EN.html>

Price: US\$ 3,570.00 (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/E1F004D51406EN.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