

# Electronic Recycling Market Projected to Reach \$190.7 Billion by 2032

*Global Electronic Recycling Market Report: By Type of Material, Source of Electronic Waste, End-of-Life Treatment, Recycling Technology, Application & Regional.*

CA, UNITED STATES, January 16, 2025 /EINPresswire.com/ -- The [Electronic Recycling Market](#) is experiencing substantial growth, driven by increasing awareness of environmental sustainability and the global push to reduce electronic waste. In 2023, the market size was estimated at USD 69.41 billion, reflecting a growing emphasis on recycling initiatives and responsible disposal of electronic devices.



## Market Projections



Technological Advancements and Miniaturization of Electronic Devices”

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The industry is projected to grow from USD 77.65 billion in 2024 to a staggering USD 190.7 billion by 2032, marking a compound annual growth rate (CAGR) of approximately 11.88% during the forecast period (2024–2032). This significant growth highlights the rising demand for electronic recycling services, spurred by rapid technological advancements and the frequent upgrading of electronic

gadgets.

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Key Companies in the Electronic Recycling Market Include:

- Sims Recycling Solutions
- Call2Recycle

- EnviroHub Holdings
- eStewards
- Global Electric Electronic Processing
- TESAMM
- AMI Metals
- Umicore
- Recupel
- ERI
- Reworks
- Veolia
- Stericycle
- RLG
- Kuusakoski

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### Key Drivers of Growth

**Legislative Support:** Governments worldwide are implementing stringent regulations to manage e-waste, compelling manufacturers and consumers to adopt recycling practices.

**Technological Advancements:** Innovations in recycling technology are enhancing the efficiency of material recovery, including valuable metals such as gold, silver, and platinum.

**Corporate Responsibility:** Increasing corporate initiatives to achieve sustainability goals are boosting demand for e-waste recycling services.

**Consumer Awareness:** Growing awareness among consumers about the environmental impact of improperly discarded electronics is encouraging more participation in recycling programs.

### Market Segmentation

The Electronic Recycling Market can be segmented based on type, application, material, and region.

#### By Type

**Recycling Services:** This segment covers the processes of collection, sorting, and recycling of e-waste by specialized facilities. It includes dismantling, refurbishing, and disposal of electronic components.

**Recycled Electronic Products:** This segment includes refurbished electronics and components

that are reused after recycling, such as mobile phones, computers, and home appliances.

### By Application

**Consumer Electronics:** This segment includes the recycling of products like smartphones, laptops, and televisions. As consumer electronics are upgraded frequently, the demand for recycling these products is expected to rise significantly.

**IT & Telecommunication Equipment:** With the rapid evolution of IT equipment, including servers, routers, and network devices, the recycling of these electronics is gaining momentum.

**Home Appliances:** The recycling of home appliances, including refrigerators, washing machines, and air conditioners, is a significant segment in the market.

**Other Electronics:** This includes industrial electronics, medical devices, and other specialized equipment that require dedicated recycling solutions.

### By Material

**Ferrous Metals:** Recycling of ferrous metals, such as iron and steel, which are commonly found in electronics, is a major segment of the market.

**Non-ferrous Metals:** Valuable non-ferrous metals, including copper, aluminum, gold, and silver, are extracted from e-waste during the recycling process.

**Plastics:** E-waste also contains a variety of plastics that are separated and recycled for use in other industries.

**Glass:** Many electronic devices, particularly screens and monitors, contain glass, which can be recycled for reuse in new products.

**Others:** This category includes various materials such as ceramics, rubber, and rare earth elements that are also recovered during the recycling process.

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### By Region

**North America:** North America leads the market due to stringent government regulations and high consumer awareness of e-waste management. The U.S. and Canada have well-established recycling infrastructure.

Europe: Europe is another key player in the electronic recycling market, with strong regulations and policies encouraging the recycling of e-waste. Countries such as Germany, the UK, and France are major contributors.

Asia Pacific: The Asia Pacific region is expected to experience the highest growth rate due to increasing industrialization, rapid technological advancements, and a growing number of electronic consumers in countries like China, India, and Japan.

Latin America: The electronic recycling market in Latin America is expanding, driven by the increasing penetration of electronics and a rising emphasis on environmental sustainability in countries like Brazil and Mexico.

Middle East and Africa: This region is witnessing gradual growth in the market, driven by improving infrastructure and rising awareness about the benefits of electronic recycling.

### Challenges and Opportunities

While the market outlook is promising, challenges such as the lack of standardized recycling processes and the need for better collection infrastructure remain hurdles. However, these also present opportunities for technological and operational innovations within the sector.

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