

# **Electronics Recycling and E-Waste Issues: Recycling and Responsible Disposal of Consumer Electronics, Computer Equipment, Mobile Phones, and Other E-Waste**

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## **Abstract:**

The management of obsolete, unwanted, or nonfunctional electronics equipment is a global problem driven by improving technology and the availability of new and recycled devices along with the toxic materials, resource conservation, and handling/disposal issues at end-of-life. OEMs, consumers, businesses, e-waste management companies, governments, non-profits, and the re-processors all play a role in the lifecycle of electronics equipment.

Consumers have few incentives to reuse or recycle used electronics equipment. In most countries, it is still too easy and relatively inexpensive to throw e-waste in the trash. An optimistic estimate of average recycle rates is about 15%. Inconsistent legislation, minimal controls on the recyclers, and little enforcement has also led to widespread and inappropriate dumping of e-waste in developing countries. Non-profit groups' activities have brought increased media attention and raised public awareness to the point where changes in approach and attitude of the OEMs, consumers, and recyclers are beginning to have a positive effect on the industry.

This Pike Research report provides a comprehensive analysis of the global e-waste landscape including supply chain structures, legislative and regulatory issues, market drivers and inhibitors, and in-depth profiles for key industry players around the world. Strengths/Weaknesses/Opportunities/Threats (SWOT) analysis is included for key sectors of the market. Demand-side analysis features consumer survey results that focus on consumers' attitudes, behavior, and perceptions with regard to electronics recycling. Additionally, the report includes Pike Research's granular forecasts for e-waste generation and processing volumes in various regions around the world through 2025.

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### **Order information:**

- Price: 3.500\$ US
- Free Executive Summary available (login to view)
- Link: <http://www.pikeresearch.com/research/electronics-recycling-and-e-waste-issues>