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How Does Electronic Waste Recycling Help the Environment

The life of electronic products eventually comes to an end and they need to be discarded. It is important to consider where these electronics go after they break down. At times, these are left to waste away and the rest of the times, they are recycled using the services of **electronic recycling**.

E-Waste Recycling

E-waste stands for electronic waste and accounts for the trash that is generated from surplus, obsolete or broken electronic devices. Generally, these electronics contain hazardous materials and toxic chemicals. When you do not dispose of the electronics in a proper manner, toxic substances are released in the environment.

E-waste recycling denotes the process of reprocessing and re-using electronic waste. The process recovers material from electronic waste. This allows you to use materials for making new electronic products. An electronic recycling service makes sure that the waste is not dumped in landfills and the crucial materials are recovered. This results in saving the environment as well as the human health from toxic substances.

Advantages Of E-Waste Recycling

- **Conservation of natural resources**

Electronic waste recycling helps in recovering crucial materials from electronic products that are no longer in use or have become old or obsolete. This in turn helps in conserving natural resources. This is because manufacturers get to obtain new materials from waste that is recycled. Eventually, there is less requirement to mine earth for raw materials.



- **Protection of environment**

E-waste recycling prioritizes effective handling, managing and processing of toxic and hazardous substances like cadmium, mercury and lead. E-waste processing makes sure that the dust sorted from shredded particles is disposed of in an eco-friendly manner. This in turn makes sure that the hazards posed by these elements to the environment get effectively decreased. Reliable e-waste recycling services like those of electronic recycling play a key role in preserving the health of environment by providing environmentally compliant recycling services.

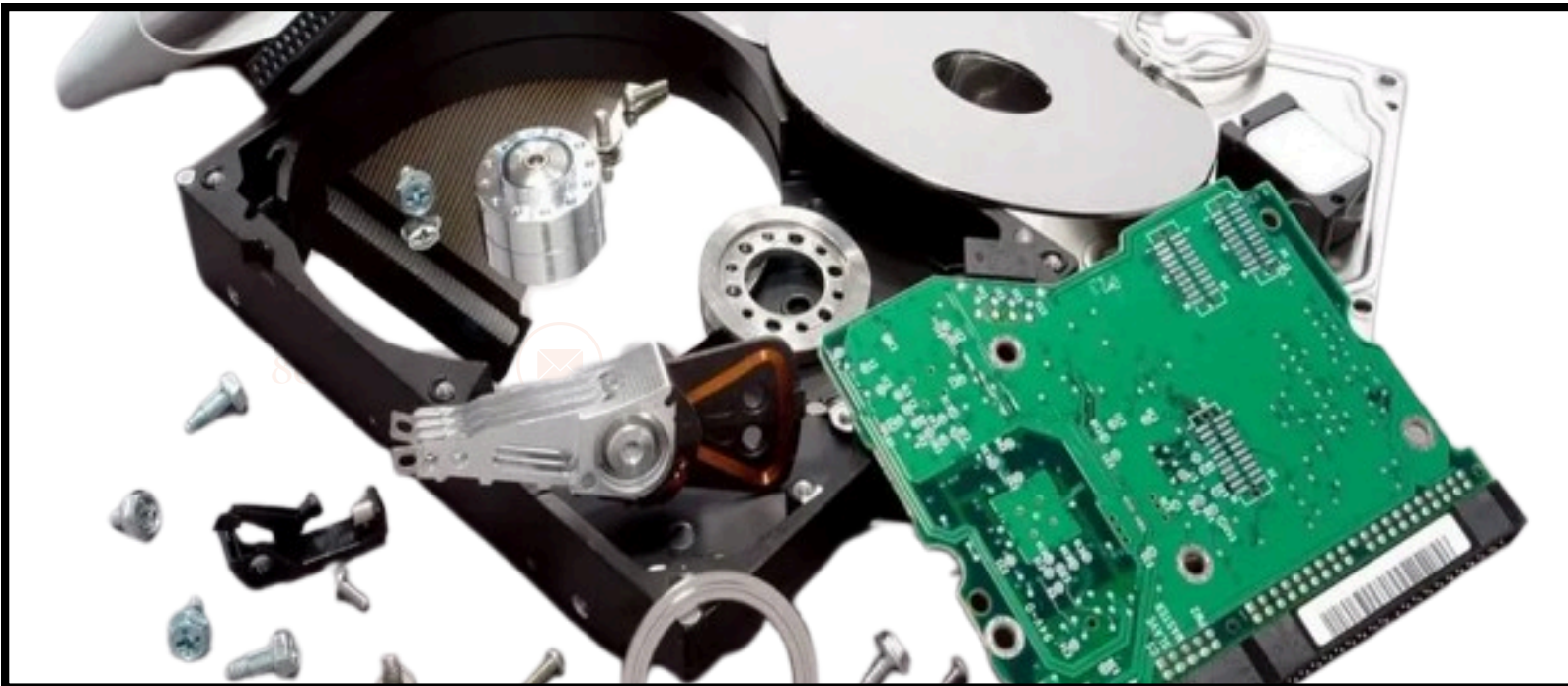
- **Creation of jobs**

Electronic waste recycling helps in creating new jobs for professional recyclers. The creation of new jobs has resulted in the creation of secondary market where recycled materials are the chief commodity.

- **Decreases global warming**

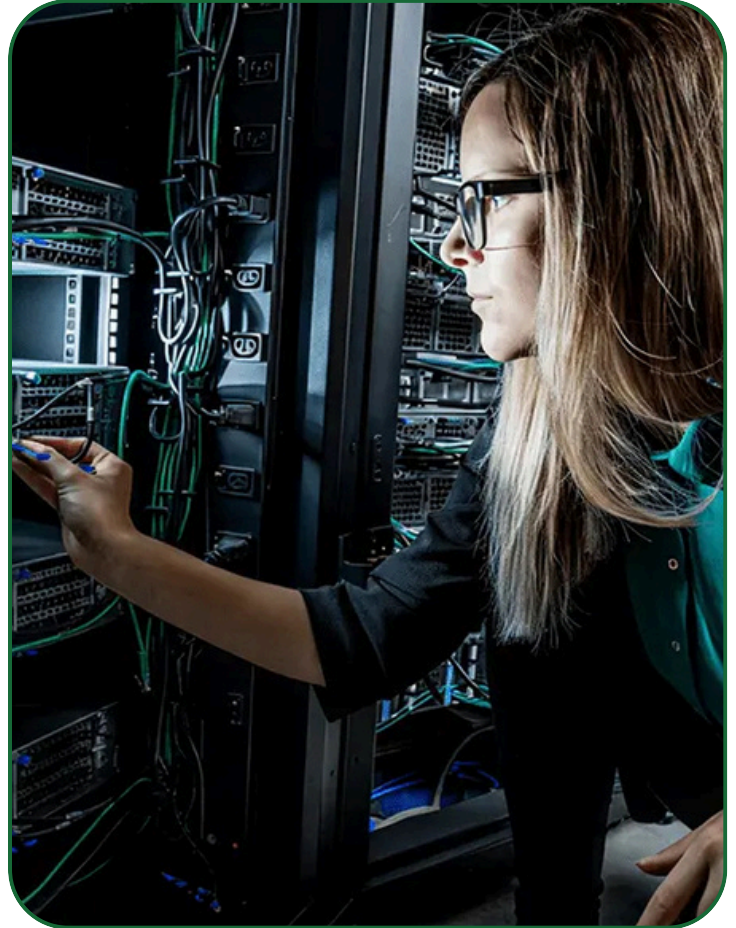
E-waste that is uncollected gets dumped in landfills where it is burned with the help of incinerators. By recycling electronic waste, we decrease the amount of waste that piles up in landfills. Two-third of the waste present in landfills is biodegradable and can be broken down to be returned to its natural elements. When this waste is broken down, harmful greenhouse gases are released into the environment which contribute to global warming. As landfills also pollute soil and water, ewaste companies that provide reliable recycling services are advantageous for the planet and life of living beings.

E-waste recycling deserves consideration for multiple reasons. It has a strong impact on the immediate environment and on the life of humans, plants and animals. Recycling also promises good economic returns for communities, people and countries. In developing countries, entrepreneurs have begun taking the advantage of electronic waste recycling as a steady stream of revenue and to promote environmental goals.



Thank you!

ERI has strategically established an international network in 46 countries, totaling over 100 vetted and certified facilities, to provide global coverage for our clients. ERI believes education is critical in teaching individuals and organizations about the circular economy, sustainability, and hardware cybersecurity.



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