

LOCKHEED MARTIN 
We never forget who we're working for®

e-Waste
Our Commitment to Responsible Recycling and Stewardship



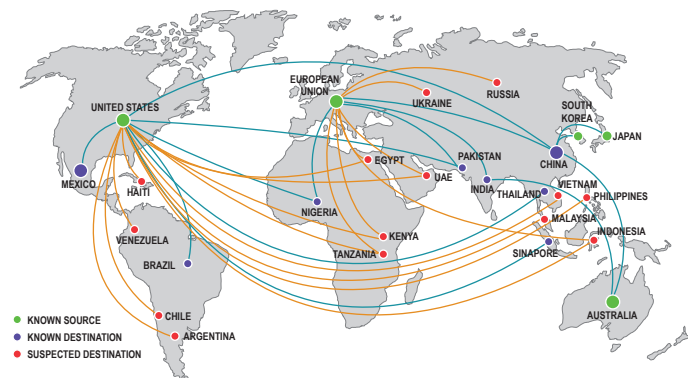


What is e-Waste?



Electronic waste (e-waste) is defined by the Interagency Task Force on Electronics Stewardship as used electronics that are nearing the end of their useful life, and are discarded, donated or given to a recycler. E-waste includes, but is not limited to, computers, computer monitors, printed wiring or circuit boards, telephones, copiers, fax machines, capacitors, transformers, cell phones, tablets and gaming systems or other devices that may contain heavy metals such as mercury, lead, cadmium, and chromium, precious metals (e.g., gold) or other hazardous substances.

e-waste Sources and Destinations



Much of e-waste is shipped to developing countries for recovery of valuable materials (e.g., aluminum, copper, iron, and rare earth elements). Some electronic waste is shipped as “working equipment” only to end up as waste upon arrival. This map indicates information collected through investigations by organizations such as the Basel Action Network, Silicon Valley Toxics Coalition, Toxics Link India, SCOPE (in Pakistan), Greenpeace and others.

Source: <http://library.thinkquest.org/06aug/02342/websitefinal/disposal2.html>



Imported e-wastes that cannot be recycled pile up along many waterways.

Accra, Ghana, 2009

Source: www.ban.org

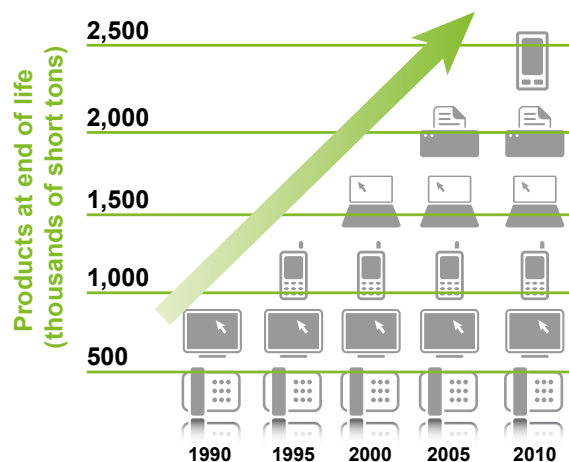
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Our Commitment

Lockheed Martin recognizes that as a premier information technology provider to the Federal Government and an employer of 120,000 employees working in communities around the world, we can positively influence the volume and methods of e-waste recycling.

At Lockheed Martin we take an uncompromising approach for the responsible recycling and stewardship of our e-waste by instituting stringent practices for its management and disposition. Responsible e-waste management practices reduce potential damage to natural infrastructure by lessening water, land, and air pollution resulting from the disposition of e-waste. Our commitment includes improving our internal processes, educating employees, and developing educational outreach materials on this topic.

e-waste Generation is Increasing



Source: EPA. 2011 E-waste management in the US



Electronic waste dumped in residential area just outside of Alaba market in Lagos.

Source: www.ban.org

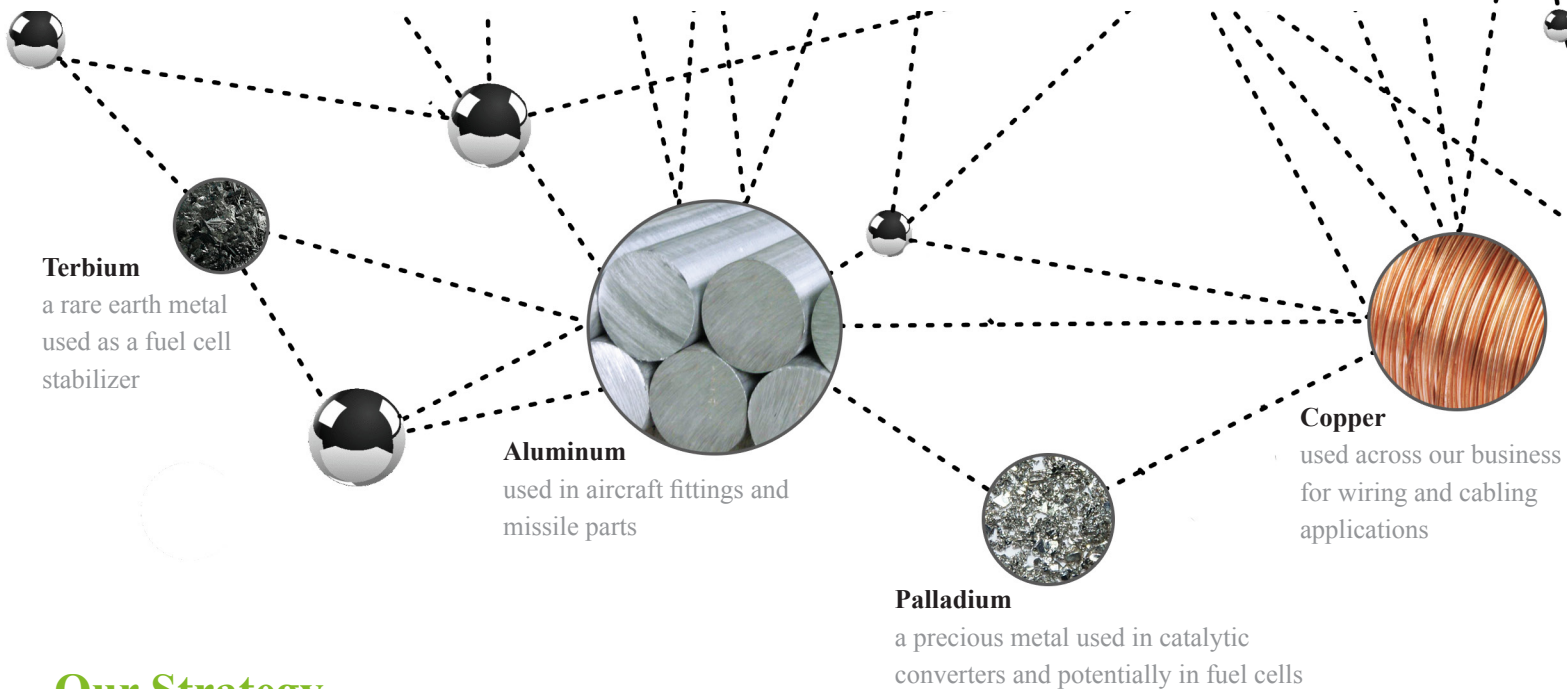
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Risks and Opportunities

When e-waste is discarded into open dumps or burn pits rather than being recycled, there are serious impacts to ground water, soil, air quality and the health of those in the surrounding communities.

- Lead, nickel, cadmium, mercury and beryllium all pose risks to human health and the environment if mismanaged
- Inappropriate handling of e-waste, such as burning, can produce toxic emissions

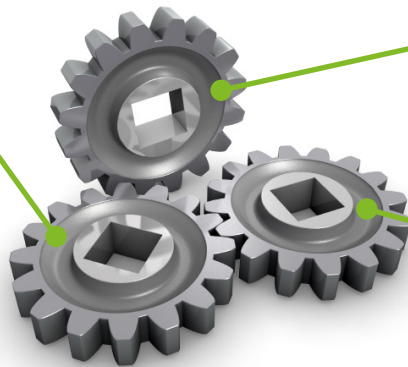
Materials found in e-waste can be reused to reduce the need to mine virgin materials. Many of these materials are used in Lockheed Martin products:



Our Strategy

Improve Internal Processes

We instituted vigorous e-recycling vendor requirements and enhanced monitoring of compliance with our requirements.



Educate Employees

We are building on our sustainability culture by educating employees to make smarter, better-informed decisions around e-waste.

Educate Externally through STEM Outreach

We are developing e-waste educational materials to inform the next generation of consumers and engineers.

What should you do with your e-waste?

Visit the website of your local county or municipality for instructions on how to recycle your personal e-waste. When possible, work with your county or municipality to ensure that e-Stewards-certified recycling companies are being used for the recycling events.

Refer to the e-Stewards website (<http://e-stewards.org/find-a-recycler>) to find a recycler near you, or visit the EPA's e-waste recycling site (<http://www.epa.gov/epawaste/conserves/materials/ecycling/donate.htm>) or Earth911.com for additional information.

For information on Lockheed Martin's sustainability program, please visit: <http://www.lockheedmartin.com/us/who-we-are/sustainability.html>



