

# Data Erasure's Role in the Circular Economy

Shifting end-of-life IT from hazardous disposal to secure reuse

Increased volumes and planned obsolescence are fueling global e-waste growth



As much as 50 million metric tons of e-waste is produced globally each year



Of this, 80% goes to landfills, is burned or is illegally traded and improperly treated



Approximately 50% of today's e-waste is made up of computers, screens, smartphones, tablets and TVs and other such devices



Less than 1/4 of global enterprise end-of-life IT—mobile devices, laptops and desktops, servers, loose drives and more—is recycled



By 2050, the amount of e-waste could more than double to 100m

## Improperly discarded technology can produce



### Toxic pollutants

Mercury, lead, cadmium and arsenic can pollute land and water, and fumes from improper recycling contaminate the air



### Carbon emissions

Incineration generates carbon dioxide, and mining new materials often emits more gas than recycling from used devices



### Materials scarcity

Concerns over availability of materials for new electronic devices is rising



### Unauthorized data access

36% of the world's largest organizations use inappropriate data removal methods at disposal, leaving data unprotected

## With 83% of organizations having a CSR policy in place, why is this happening?



### Lack of education



of surveyed organizations believe physical destruction is "better for the environment"



of surveyed organizations believe destruction is more secure than other data solutions



### Lack of ownership and communication



of CSR policies address end-of-life equipment, but implementation responsibilities can be vague



of surveyed organizations have yet to communicate existing CSR policies across their organizations

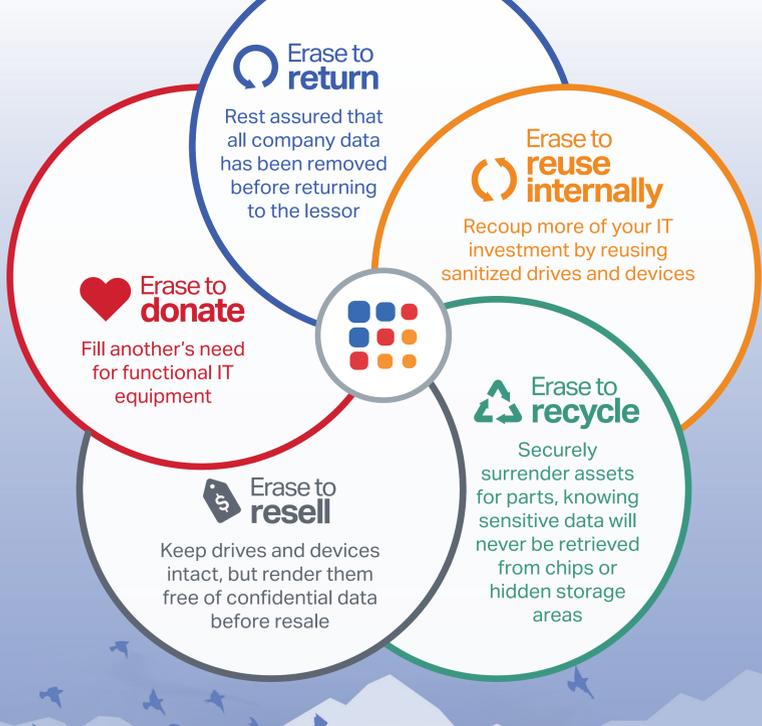


### Lack of robust regulations

Environmental regulations are often non-existent, patchworked, poorly enforced or difficult to fulfill

## Reclaim end-of-life IT from hazardous disposal

Securely sanitize data storage devices, then confidently keep them in the circular economy



## Treat e-waste responsibly with Blancco secure data erasure

Ensure data is 100% gone from your IT assets—for good—and have the Certificate of Erasure to prove it. Blancco offers certified, secure data erasure software for servers, desktops and laptops, mobile devices, loose drives, removable media and more.

Erase data sustainably and securely with Blancco.

Download our eBook "Secure. Efficient. Green: 6 Tips to Optimize IT Asset Decommissioning" to learn more.



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Sources  
 A New Circular Vision for Electronics: Time for a Global Reboot (World Economic Forum, Jan 2019)  
 Inside Ghana's 'graveyard' for Europe's e-waste (France24, Jun 2019)  
 Poor Sustainability Practices – Enterprises are Overlooking the e-Waste Problem (Blancco, Apr 2020)  
 Future E-waste Scenarios (STEP Initiative, UNU VIE-SCYCLE, and UNEP IETC, Sep 2019)  
 A False Sense of Security (Blancco, Nov 2019)  
 Data Sanitization: Policy vs. Reality (Blancco, Feb 2020)  
 MPS Launch Inquiry into E-waste and the Circular Economy (Resource, Jun 2019)

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