

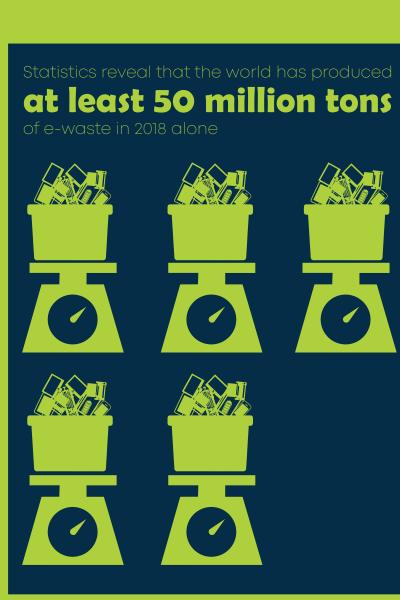
Negative Effects of E-Waste



E-waste is worth at least \$62.5 billion annually.

which is more than the gross domestic product (GDP) of most countries, according to "A New Circular Vision for Electronics: Time for a Global Reboot" report











By 2040, carbon emissions from the production and use of electronics, including devic-

es like PCs, laptops, monitors, smartphones and tablets (and their production) will reach



metals as:



indium (used cobalt (for neodymium (vital for in flat panel batteries) magnets in TVs) motors).

able raw materials, including such precious



6.3 million tons





The EPA estimates e-waste, dispo-

sed electronics, now accounts for 2% of all solid waste





thanks to the use of chemicals such as lead, mercury, cadmium

and beryllium, as well as hazardous chemicals such as brominated flame retardants









7.2 million tons



BRIEFLY DESCRIBED AS FOLLOWS:

THE ENVIRONMENTAL HAZARDS CAUSED BY

IMPROPER DISPOSAL OF E-WASTE CAN BE

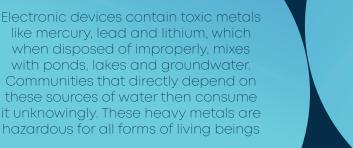


Air Pollution

Burning of wires release hydrocarbons in the atmosphere

these sources of water then consume it unknowingly. These heavy metals are hazardous for all forms of living beings

Water Pollution



are absorbed by plants from the soil. These metals not only destroy the plants, but also are then consumed by

other living beings, leading to a poisonous food chain

Soil Pollution

The toxic metals from electronic devices enter the food chain as they



https://get-green-now.com/reduce-ewaste-hazards/ $http://www3.weforum.org/docs/WEF_A_New_Circular_Vision_for_Electronics.pdf$ https://greenerideal.com/guides/the-real-cost-of-technology-and-why-you-should-recycle-responsibly/ https://citizentruth.org/why-e-waste-is-so-dangerous-and-how-the-right-to-repair-will-save-the-environment/ https://www.weforum.org/agenda/2019/01/how-a-circular-approach-can-turn-e-waste-into-a-golden-opportunity/ https://www.networkworld.com/article/3330650/poor-data-center-configuration-leads-to-severe-waste-problem.html https://www.envirotech-online.com/news/health-and-safety/10/breaking-news/which-countries-produce-the-most-e-waste/46470