



E-Waste 2.0

RECYCLING FOR SUSTAINABILITY

E-waste comes in many forms



mobile phones



notepads and tablets



laptops and PCs



TVs and screens



plugs and cables

E-waste is ubiquitous

We need to change the status quo



Did you know we produce almost **50 million metric tonnes** of e-waste each year?



That's equivalent to 125,000 jumbo jets, more than **82 times** the number of these **planes ever built**



One tonne of electronic waste is the equivalent of about:

37 TVs, 135 desktop computers, 3,333 computer keyboards, or 8,000 mobile phones

E-waste and YOU

Almost everyone has at least a mobile phone

How often do you replace it?

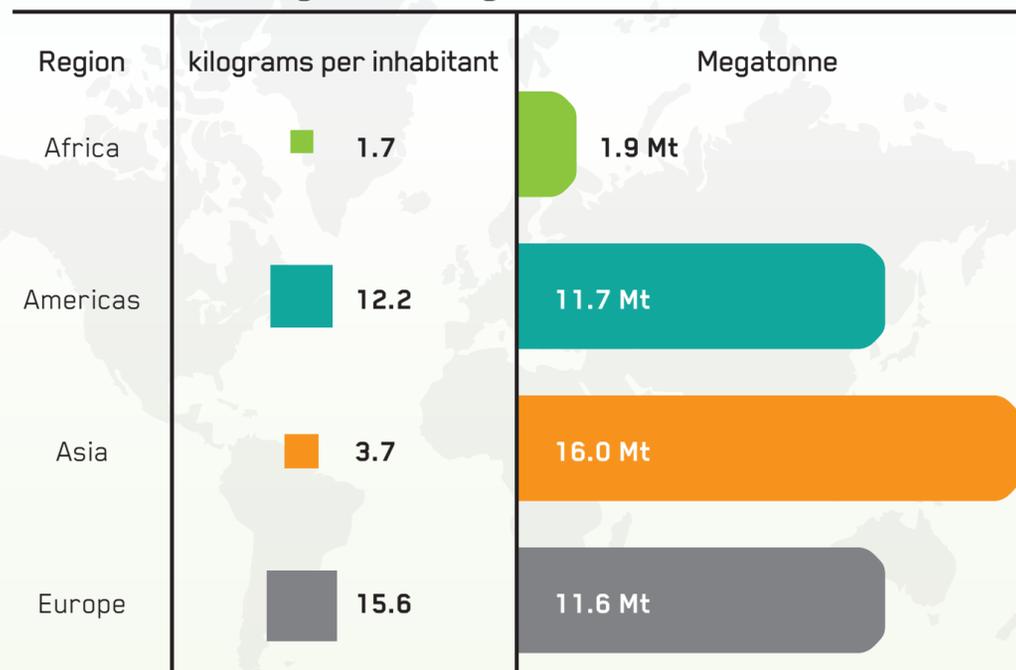


Average shelf-life is 24 months

2016

2018

Who is generating the most e-waste?



E-waste, health & environment

Transforming a vicious circle into a virtuous one



Central nervous system - affected by antimony, arsenic, beryllium, lead, mercury, polychlorinated biphenyls (PCB)



Digestive and urinary system - affected by antimony, cadmium, lead



Reproductive and endocrine system - affected by brominated flame retardants, dioxins and furans (PCDD / PCDF), DDT, lead



Respiratory system - affected by arsenic, chromium, mercury, vinyl chloride



Blood - affected by lead, mercury



Skeleton - affected by cadmium, lead



Immune system - affected by dioxins and furans (PCDD / PCDF), DDT, PCB

Prevent chemicals from entering your body

Manage your e-waste for a better future



1. Let electronics live longer: reuse and refurbish. Don't change your iPhone every six months!



2. Give your electrical and electronic devices back to recycling networks or retailers when possible.



3. Handle electronic parts with care and wear personal protective equipment when dismantling them.



4. Advocate for the environmentally sound management of e-waste.



5. Take the E-waste challenge MOOC:
<http://learning.climate-kic.org/courses/e-waste-mooc>