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.

Who is generating the most e-waste?

<table>
<thead>
<tr>
<th>Region</th>
<th>Kilograms per inhabitant</th>
<th>Megatonne</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa</td>
<td>1.7</td>
<td>1.9 Mt</td>
</tr>
<tr>
<td>Americas</td>
<td>12.2</td>
<td>11.7 Mt</td>
</tr>
<tr>
<td>Asia</td>
<td>3.7</td>
<td>16.0 Mt</td>
</tr>
<tr>
<td>Europe</td>
<td>15.6</td>
<td>16.6 Mt</td>
</tr>
</tbody>
</table>

E-waste, health & environment

Transforming a vicious circle into a virtuous one

Central nervous system - affected by antimony, arsenic, lead, mercury, polyatomic halogenated PCB

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

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

Respiratory system - affected by arsenic, chromium, lead, 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

1. Let electronics live longer. ‘Reuse and refresh!’ 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.

More information available at: http://www.basel.int/Implementation/Ewaste

E-waste comes in many forms

E-waste is ubiquitous

We need to change the status quo

E-waste and YOU

Almost everyone has at least a mobile phone

How often do you replace it?

Average shelf life is 24 months

E-waste, health & environment

Transforming a vicious circle into a virtuous one

Central nervous system - affected by antimony, arsenic, lead, mercury, polyatomic halogenated PCB

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

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

Respiratory system - affected by arsenic, chromium, lead, 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

1. Let electronics live longer. ‘Reuse and refresh!’ 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.

More information available at: http://www.basel.int/Implementation/Ewaste