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Interactive 2

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Presentation 1: E-Waste

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The sheer volumes of e-waste (that continue to grow at a rate of 4% each year!) are impossible to cope with.





Methods used are almost always improper — in some places, for example, gold is recovered by bathing circuit boards in nitric and hydrochloric acid, poisoning waterways, and after, whatever is not used is dumped in the ground improperly anyway. The current rate of responsible e-waste recycling is at an abysmal 15.5% worldwide.



In 2016 apple created a robot (Liam) that can dismantle an iPhone in 11 seconds - an efficient way to recycle 1.2 million units per year.

Apple sold 231 million new iPhones in 2015

In 2018 Diasy (Liam's replacement) was introduced as more efficient.

According to a recent UN report , the US produces about 6.3 million tons or 14% of the world's electronic waste. Worldwide, almost 45 million tons of electronics were tossed out in 2016.

Liam
VIDEO

Daisy
VIDEO

ewaste prototype 1