

# Device Circularity: Minimizing E-Waste and Maximizing Value

Our trade-in and upgrade programs channel devices to stay in circulation, not landfills. In partnership with our clients, we extend the life of devices, contributing to the sustainability of our planet.

Global E-Waste Alert: In 2023, 61.3M metric tons of e-waste were discarded.<sup>1</sup> That's like tossing 10,000 smartphones into a landfill every second for a year.

Learn about device circularity in action.

**Devices Repurposed:**  
Prevented **160M devices** from becoming e-waste<sup>2</sup>



**Recycling Redirected:**  
Repaired or recycled **1.8M devices**<sup>3</sup>

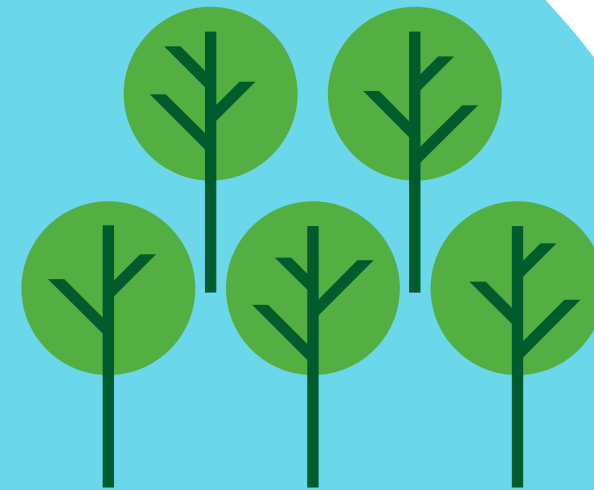


**Money Returned:**  
Consumers received **\$18B** in return for trading in their devices<sup>2</sup>



For every **1M smartphones** recycled, the following is recovered:<sup>4</sup>

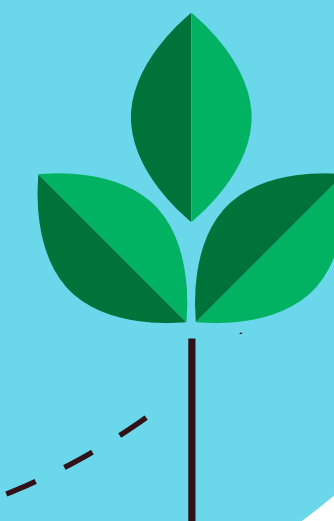
<b>15,000 kg</b> of copper	<b>350 kg</b> of silver
<b>34 kg</b> of gold	<b>15 kg</b> of palladium



**People Connected:**  
Improved connectivity for **10s of millions** of people worldwide<sup>2</sup>



**E-Waste Averted:**  
Prevented **32,000 metric tons** of devices from ending up in landfills<sup>2</sup>



**CO2 Saved:**  
Avoided **8.4M metric tons** of CO2 emissions through device reuse<sup>2</sup>



<sup>1</sup> United Nations University  
<sup>2</sup> Assurant Data from 2009-2023  
<sup>3</sup> Assurant Data from 2023  
<sup>4</sup> U.S. Environmental Protection Agency