

# An ESG Friendly Way To Dispose of Electronic Waste

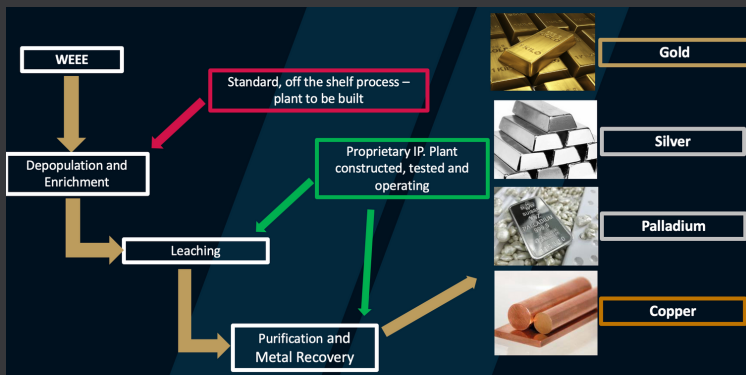
- 100% secure destruction of data; guaranteed
- No emissions, no landfill, no effluent
- Fully built and operating refinery; using proprietary intellectual property
- Fully permitted
- 100% clean sustainable revenue from recycled electronic waste



## Why Urban Mining International?

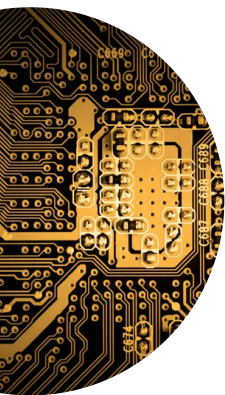
- Recover, recycle and refine gold, palladium, silver, copper, tin, aluminum, REE from waste electrical and electronic equipment (WEEE)
- Fully built, scalable, commercial refining plant operating 24x7, 350 days per annum, yields approximately 65,500 GEO per annum.
- Minimal environmental impact
  - No emissions, no harmful waste, no mining
- Experienced operating team- ~70 years of metals processing and e-waste recycling.

## Flowsheet of hydrometallurgical extraction of metals from WEEE



## Greenhouse gas reductions from recycling.

Greenhouse Gas Potential (CED) And CO<sub>2</sub> Equivalents (kg CO<sub>2</sub>) of Gold Recycling and Gold Mining per 1 kg Gold Granules



recycled gold\*



recycled gold from  
electronic scrap



gold from  
mines

CO<sub>2</sub>-Äquivalenten (kg  
CO<sub>2</sub>) per 1 kg

**29 kg CO<sub>2</sub>**

**1 020 kg CO<sub>2</sub>**

**16 300 kg CO<sub>2</sub>**

greenhouse gas  
potential (CED) per 1 kg

**360 CED**

**7 830 CED**

**241 000 CED**

CED = Cumulative Energy Demand

source: .NaGold- Sustainability Aspects of Gold Mining and Gold Recycling and Th90ry for Extensiv8 Metal Recycling-  
in case of C.HAFNER funded by the German Federal Ministry of Research and Technology

## An opportunity to dispose of E-waste with an ESG friendly approach

Our approach addresses themes of major interest to millennials and institutional investors.

- Climate Change
- Circular Economy
- Sustainable development

Source: Visual Capitalist.

**Forbes currently estimates that \$1 in every \$3 invested is in the ESG space.**

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