

Findings From the Global E-waste Monitor

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UNITAR-SCYCLE Programme

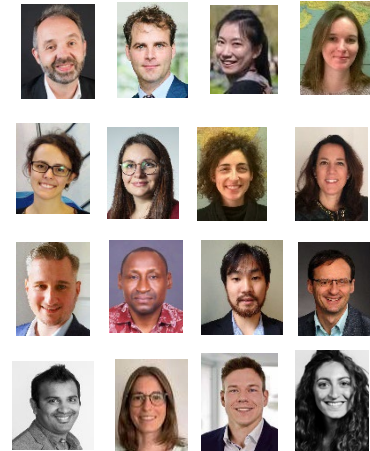
REGIONAL TRAINING ON THE PRODUCTION AND USE OF WASTE
AND CIRCULAR ECONOMY STATISTICS AND INDICATORS

Session 6: Statistics and indicators on hazardous wastes



SCYCLE Programme

- Sustainable Cycles (SCYCLE) Programme is based in Bonn (Germany) and joined UNITAR after transitioning from the United Nations University (UNU)
- 20 years of research, policy advise training and capacity building
- E-waste, Batteries, Plastics, textiles



THE GLOBAL E-WASTE MONITOR 2024

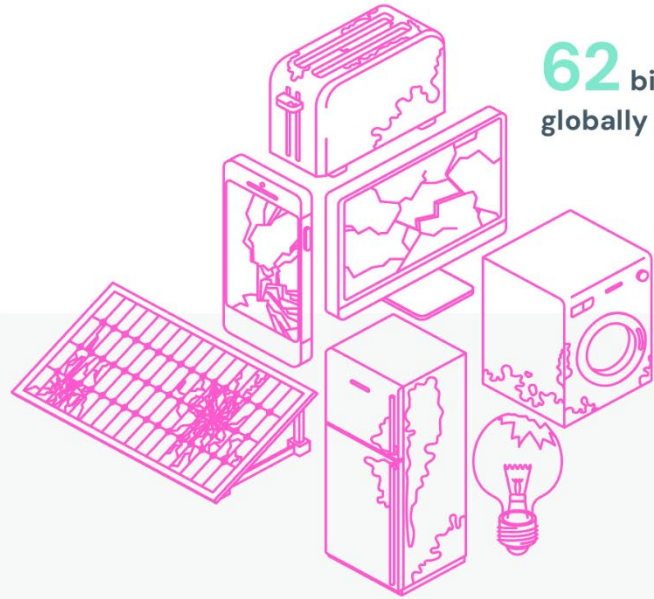
Authors: Cornelis P. Baldé, Ruediger Kuehr, Tales Yamamoto, Rosie McDonald, Elena D'Angelo, Shahana Althaf, Garam Bel, Otmar Deubzer, Elena Fernandez-Cubillo, Vanessa Forti, Vanessa Gray, Sunil Herat, Shunichi Honda, Giulia Iattoni, Deepali S. Khatriwal, Vittoria Luda di Cortemiglia, Yuliya Lobuntsova, Innocent Nnorom, Noémie Pralat, Michelle Wagner

Image: Muntaka Chasant for Fondation Carmignac



FONDATION
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Status of E-waste Management Globally in 2022



62 billion kg of e-waste generated globally in 2022.

7.8 kg per capita.

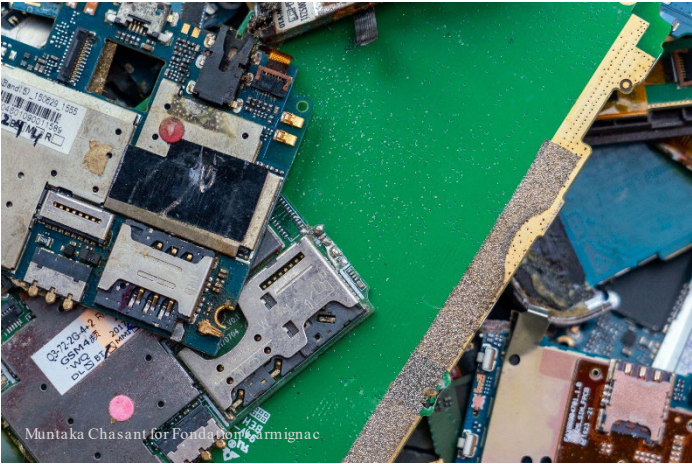
22.3% of this e-waste was documented as formally collected and recycled in an environmentally sound manner.

Source: The Global E-waste Monitor 2024

Global E-waste Trends



Since 2010, the growth of e-waste generation is outpacing the formal collection and recycling **by almost a factor of 5.**

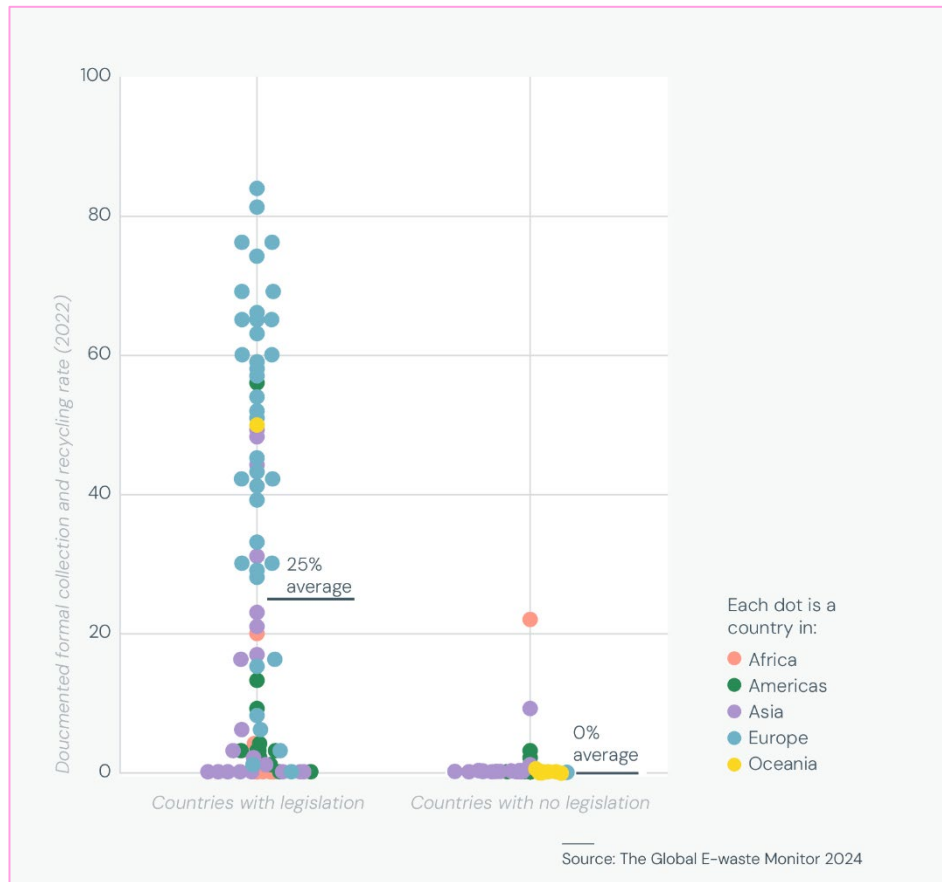


Muntaka Chasant for Fondation Armignac

Collection and Recycling Legislation

Countries with legislation achieve a collection and recycling rate of 25% on average.

For the majority of those with no legislation, this rate is close to 0%.



Transboundary Movement

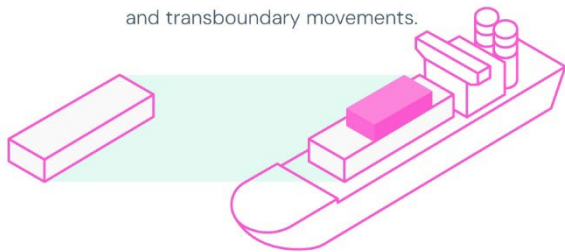
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5.1 billion kg
of e-waste is shipped
across borders.

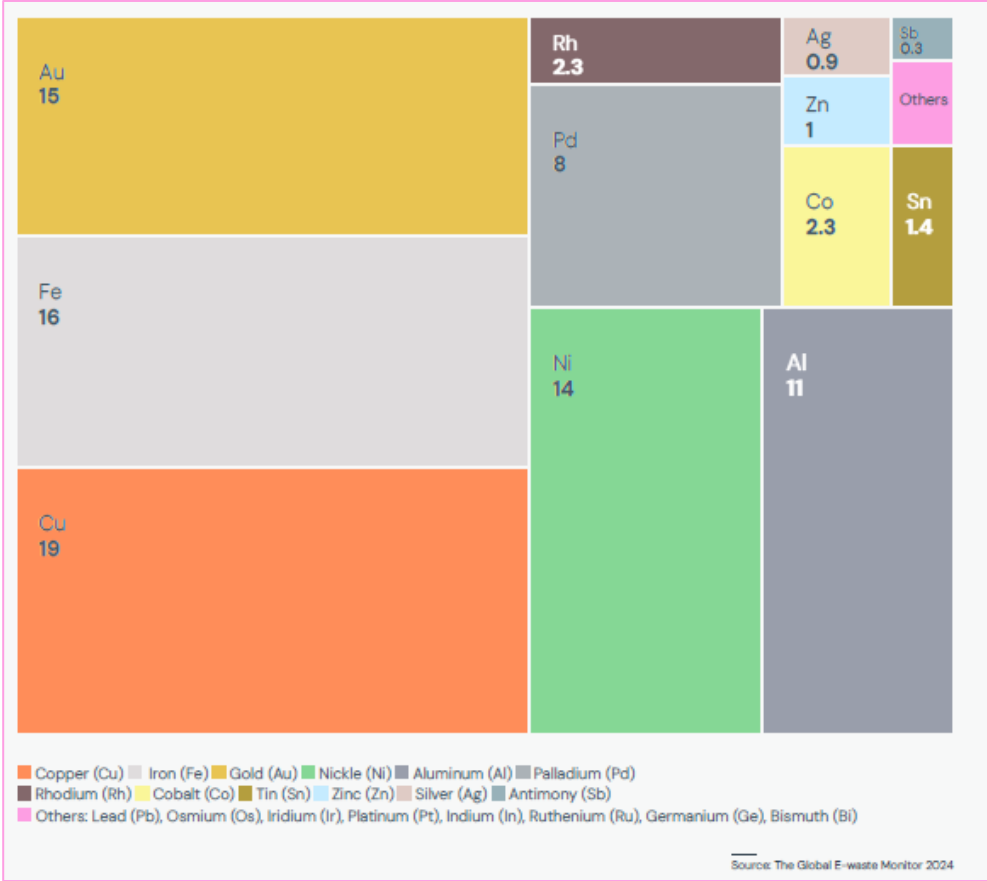
65%

3.3 billion kg
of e-waste is shipped through
uncontrolled and undocumented
and transboundary movements.

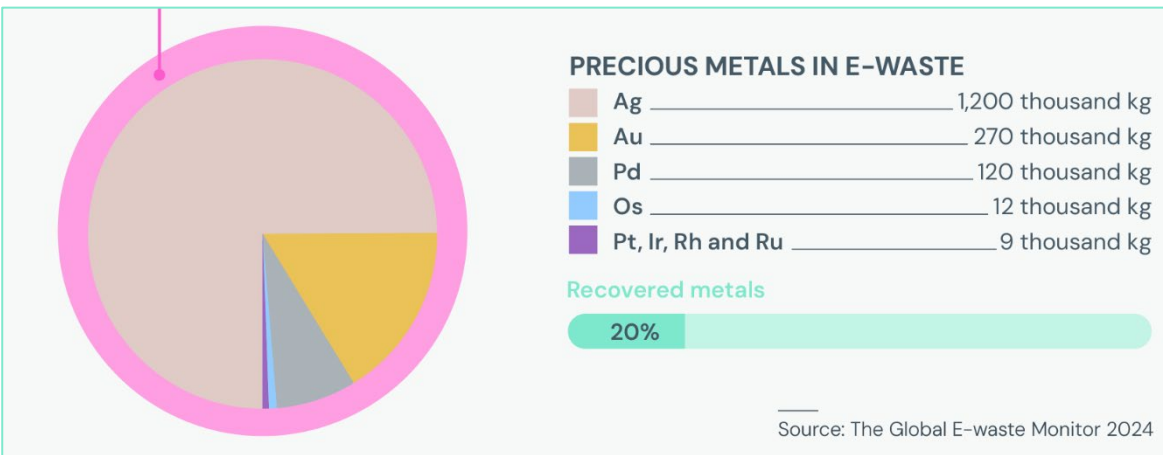
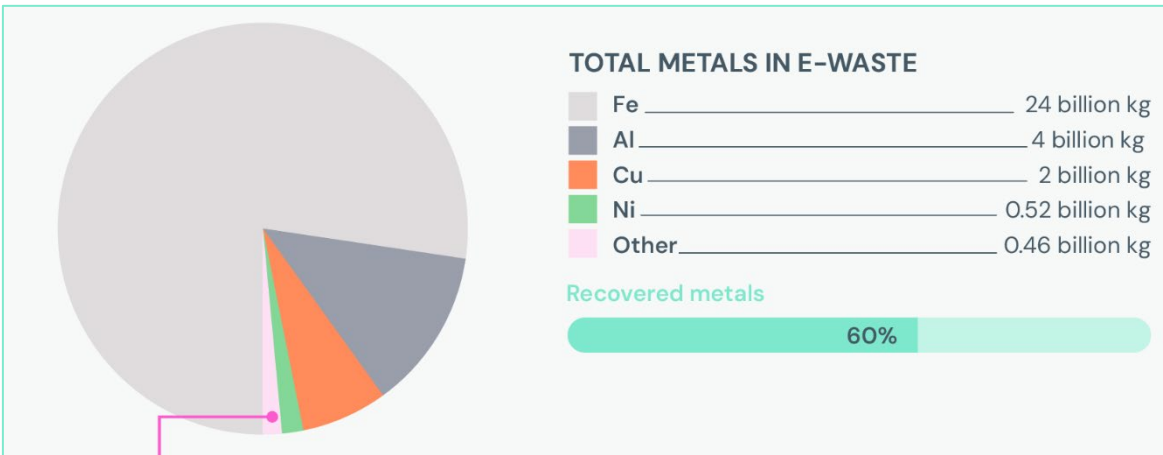


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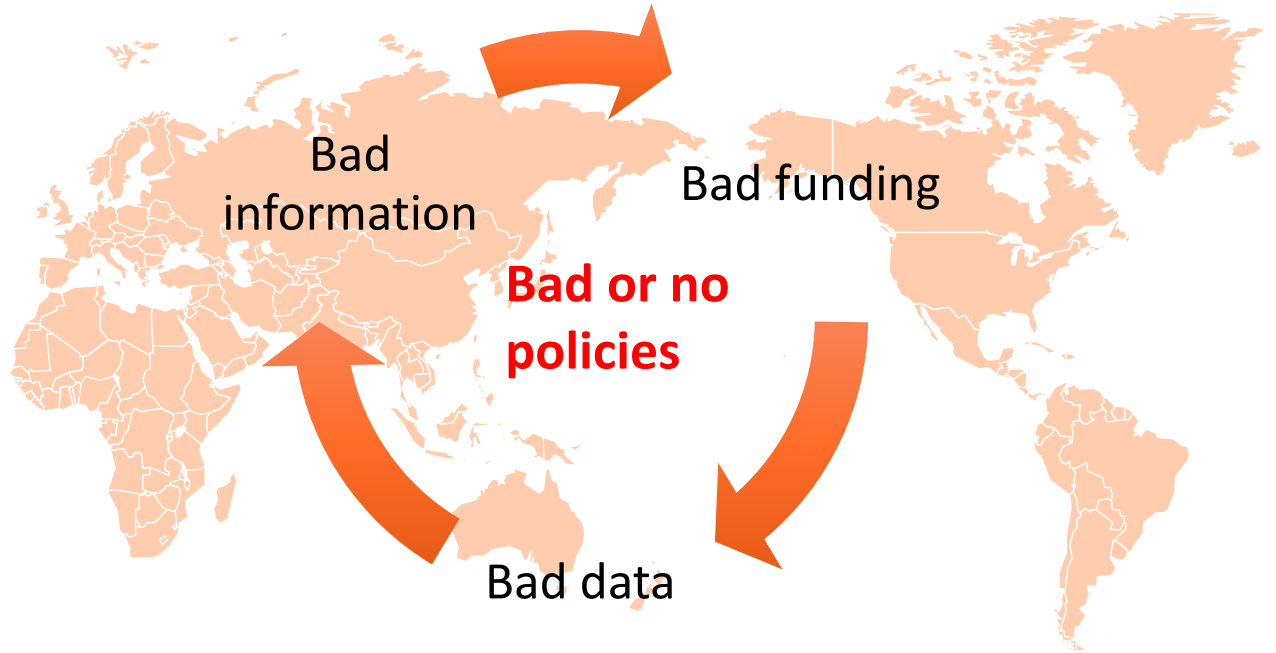
USD 91 billion of value of metals in e-waste (before management)

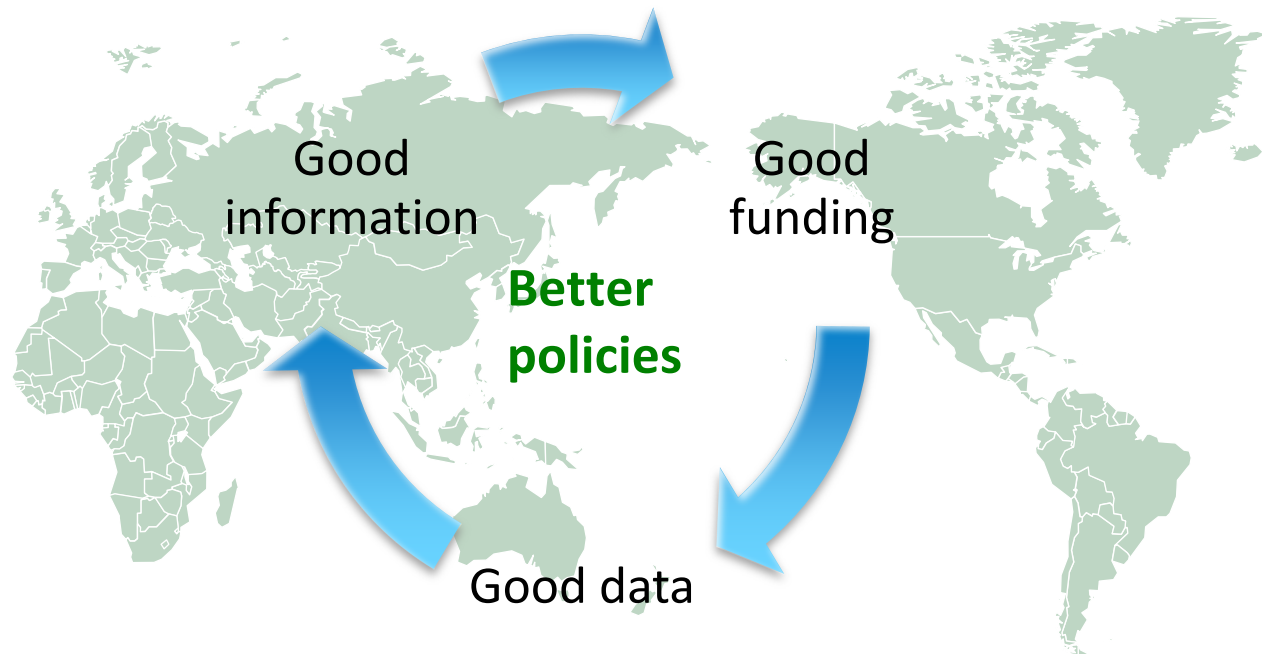


USD 28 billion is recovered

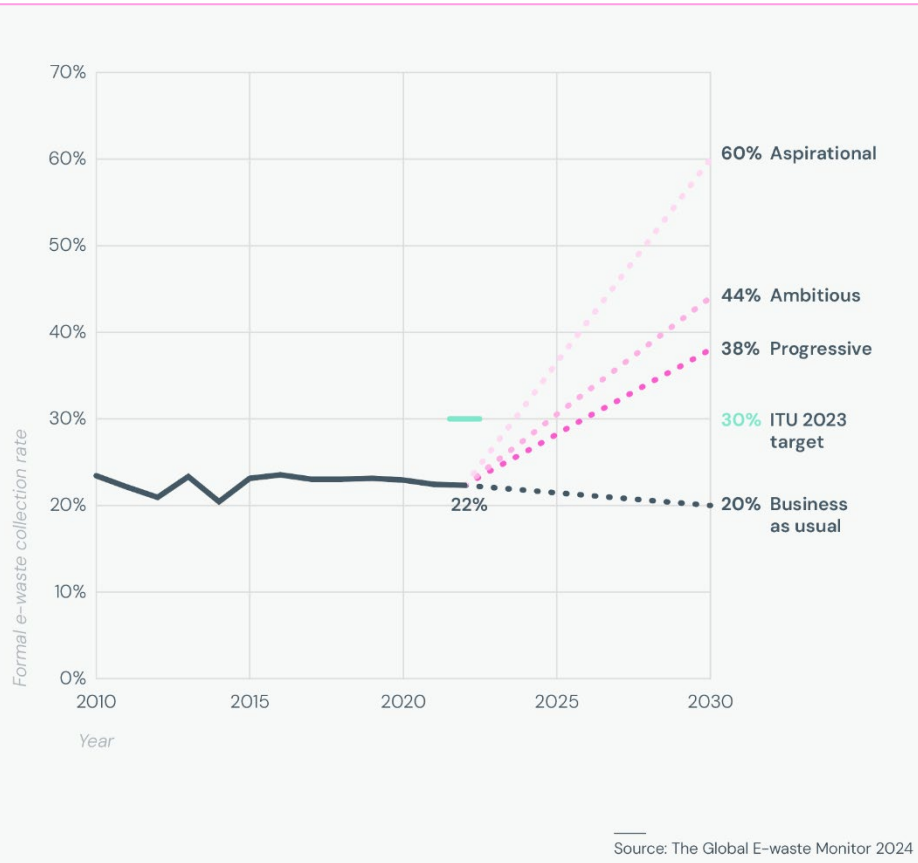


Source: The Global E-waste Monitor 2024





What can we do about it?



- Increase number of countries and effectiveness of legislation to manage domestic generated e-waste
- Improve quality formal e-waste recycling
- Inclusion of informal sector in e-waste management
- Control management of transboundary movement of used EEE and illegal dumping of e-waste
- **In an aspirational scenario, the global collection and recycling rate would increase to 60 per cent by 2030.**
- **Better statistics support decision making**
- **Please join the movement**

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