Global e-waste trends

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Expert Group Meeting on “Resource Efficiency in the Arab Region: Monitoring Progress of SDG 12”
E-products
Improving quality of life

Challenges
Sustainable consumption and production
Waste Management

Need materials for:
Clean Energy Transition
Smart Cities

E-waste in SDGS
SDG 12.4.2 Hazardous Waste (includes e-waste)

SDG 12.5.1 National Recycling Rate (includes e-waste)
E-waste Generation

- 54 Mt in 2020
- 110 Mt in 2050
Growth 2010-2019 (kg/inh)

WEEE Generation: +2.0
WEEE Recycling: +0.5
Global Collection Rate of WEEE
2019: 17%
Raw Material Value: 57 billion USD
50 t of Mercury
71 kt brominated flame retardants plastics
100 Mt CO2-eq emissions from untreated refrigerants
E-waste Generation Arab Region (kg/inhabitant)

2.8 Mt in 2020
Arab States Project
- Implemented by United Nations University and ITU

Goals
- Map statistics and e-waste policies
- Build capacity with statistics

How
- Statistical Tools
- Workshop Tunis December 2019
- Questionnaire

Data gaps statistics
- Lebanon, Jordan, and UAE working with UNU e-waste tools
- Other countries still challenging to get data for
  - E-waste generation
  - E-waste collection and recycling
  - Import and export of e-waste
Take away messages
- Global e-waste increases rapidly
- Recycling is not keeping pace
- Statistics are very important
- UNU/ITU Arab States Project on-going

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Key data sources:
- Global E-waste Monitor 2020
- www.globalewaste.org

Art work:
- Yassin Sidki