

Global e-waste statistics

Recent development and links to Environment Statistics

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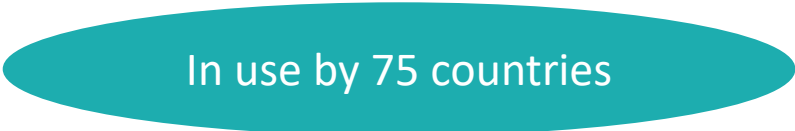

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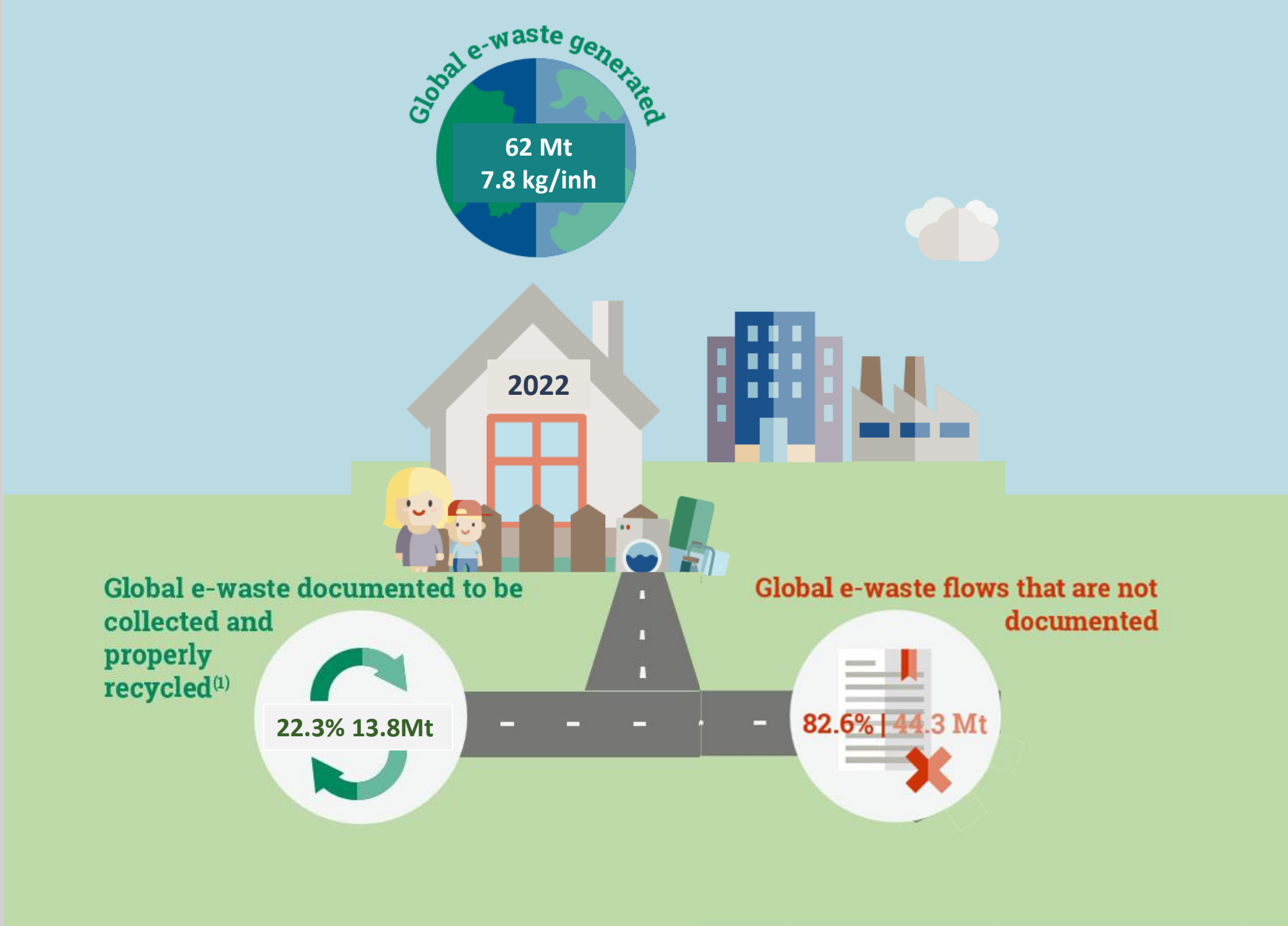


Recent developments on e-waste statistics

- The Global E-waste Statistics Partnership regularly updates global e-waste statistics and publish them in the Global E-waste Monitors, the next GEM2023 *will be released in December 2023*.
- E-waste Generated toolkits to assist Member States with the compilation of e-waste statistics  In use by 75 countries
- Regional E-waste studies in the Arab States, Latin America and West Asia, Western Balkans and East Africa (*will be released in October 2023*)
 Households and businesses surveys to assess consumption and disposal behaviors In Kenya and Burundi
- National E-waste studies in the Netherlands, Kazakhstan and Lebanon

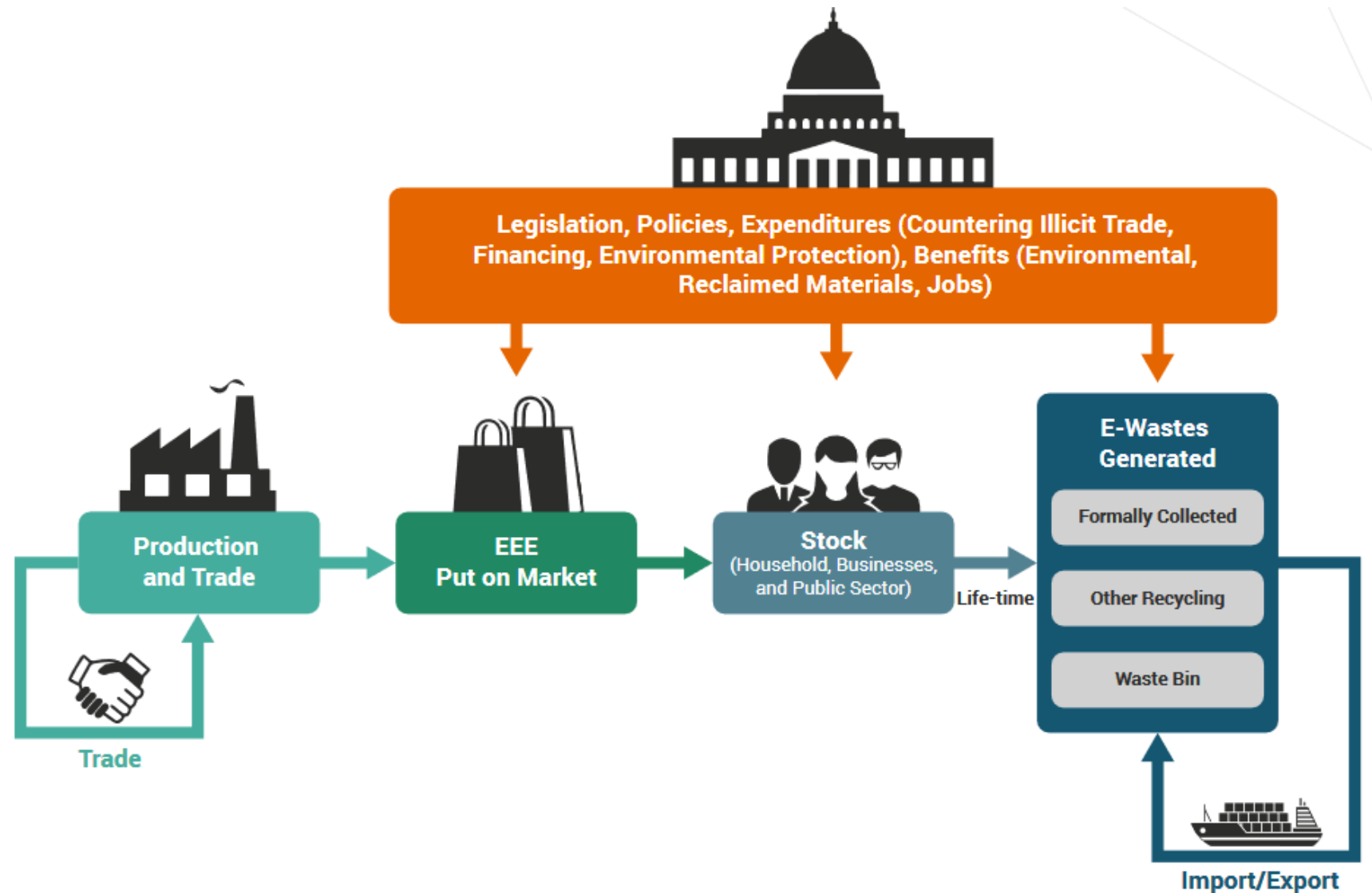
Global e-waste statistics

Source: GEM2020



The e-waste statistics framework

The framework can integrate the harmonized existing data at country level and can serve as the basis for e-wastes statistics and e-waste indicators



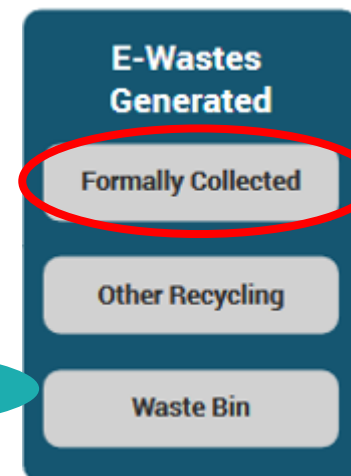
Links to Environmental Statistics

Ongoing collaborations with UNSD and OECD to collect e-waste formally collected and recycled from Member States:

➤ **OECD/Eurostat** Questionnaire on the State of the Environment (Joint Questionnaire) 9/EU27+4 countries

➤ **UNSD/UNEP** Questionnaire on Environment Statistics (UUQ), data are part of the [Environment Statistics on Waste](#) 23 countries

➔ **UNITAR** analyze/consolidate all data, update the global e-waste statistics and track developments over time 79 countries



Example of the UNSD/UNEP Questionnaire:

Data is in accordance with the [internationally harmonized methodology on e-waste statistics](#)

| Section: WASTE | | | | | | | | |
|---|---|--------|------|------|------|------|------|--|
| Country: _____ | | | | | | | | |
| Table R6: E-Waste Generation and Collection | | | | | | | | |
| Line | Category | Unit | 2017 | 2018 | 2019 | 2020 | 2021 | |
| 1 | Total E-waste Generated | 1000 t | | | | | | |
| 2 | <i>Amounts going to:</i> Large equipment | 1000 t | | | | | | |
| 3 | Screens, monitors, and equipment containing screens | 1000 t | | | | | | |
| 4 | Temperature exchange equipment (cooling and freezing equipment) | 1000 t | | | | | | |
| 5 | Small E-waste (=6+7+8) | 1000 t | | | | | | |
| 6 | <i>of which:</i> lamps | 1000 t | | | | | | |
| 7 | <i>of which:</i> small equipment | 1000 t | | | | | | |
| 8 | <i>of which:</i> small IT and telecommunication equipment | 1000 t | | | | | | |
| 9 | Total E-waste collected | 1000 t | | | | | | |
| 10 | <i>Amounts going to:</i> Large equipment | 1000 t | | | | | | |
| 11 | Screens, monitors, and equipment containing screens | 1000 t | | | | | | |
| 12 | Temperature exchange equipment (cooling and freezing equipment) | 1000 t | | | | | | |
| 13 | Small E-waste (=14+15+16) | 1000 t | | | | | | |
| 14 | <i>of which:</i> lamps | 1000 t | | | | | | |
| 15 | <i>of which:</i> small equipment | 1000 t | | | | | | |
| 16 | <i>of which:</i> small IT and telecommunication equipment | 1000 t | | | | | | |

Thank you for your attention

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