

WORLD TELECOMMUNICATION
DEVELOPMENT CONFERENCE



ITUWTDC
BAKU2025

17–28 November 2025
Baku, Azerbaijan

Creating a Circular Economy for Electronics

E-waste Policy and Regulatory Development in Latin America

Ms. Noémie Pralat, ITU-D





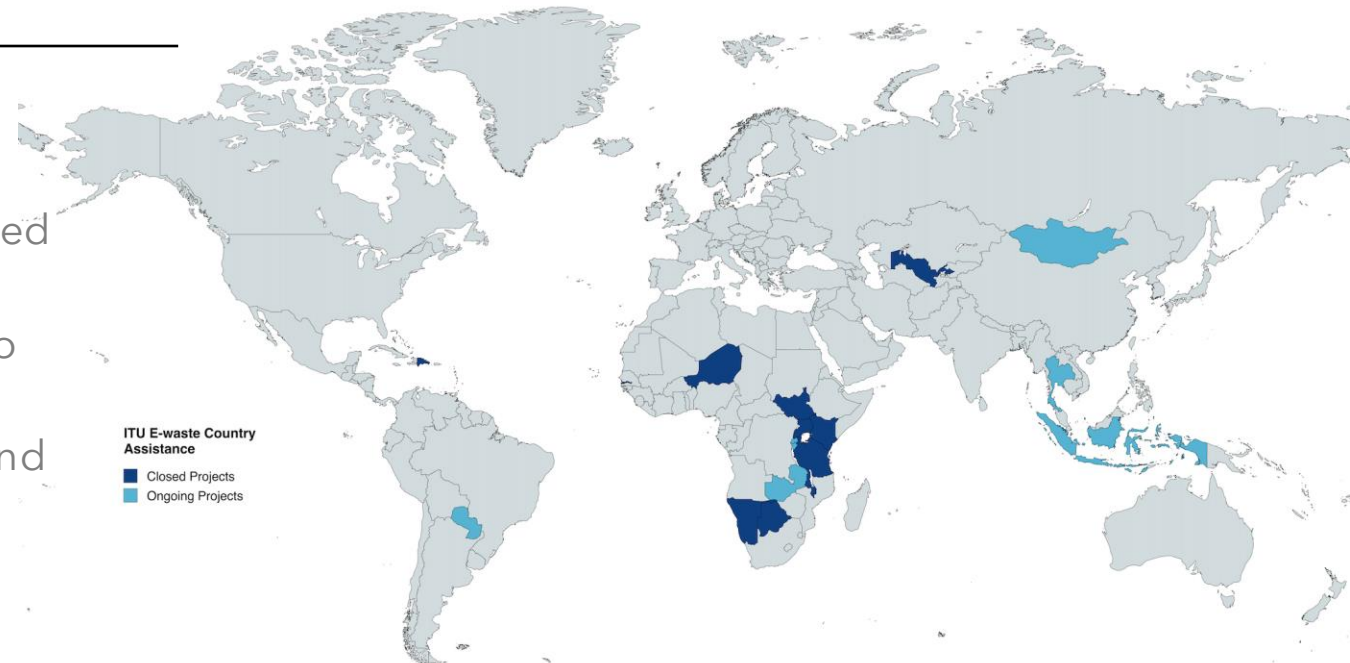
Creating a Circular Economy for Electronics

- Collection and improvement of e-waste data including generation, collection, and recycling rates, plus the role of data in informing a circular economy and climate change such as on valuable materials, critical materials, energy efficiency, and carbon emissions saved.
- Technical assistance through an e-waste policy and regulation support programme to help countries manage e-waste at the national level and implement the extended producer responsibility principle in e-waste regulatory frameworks.



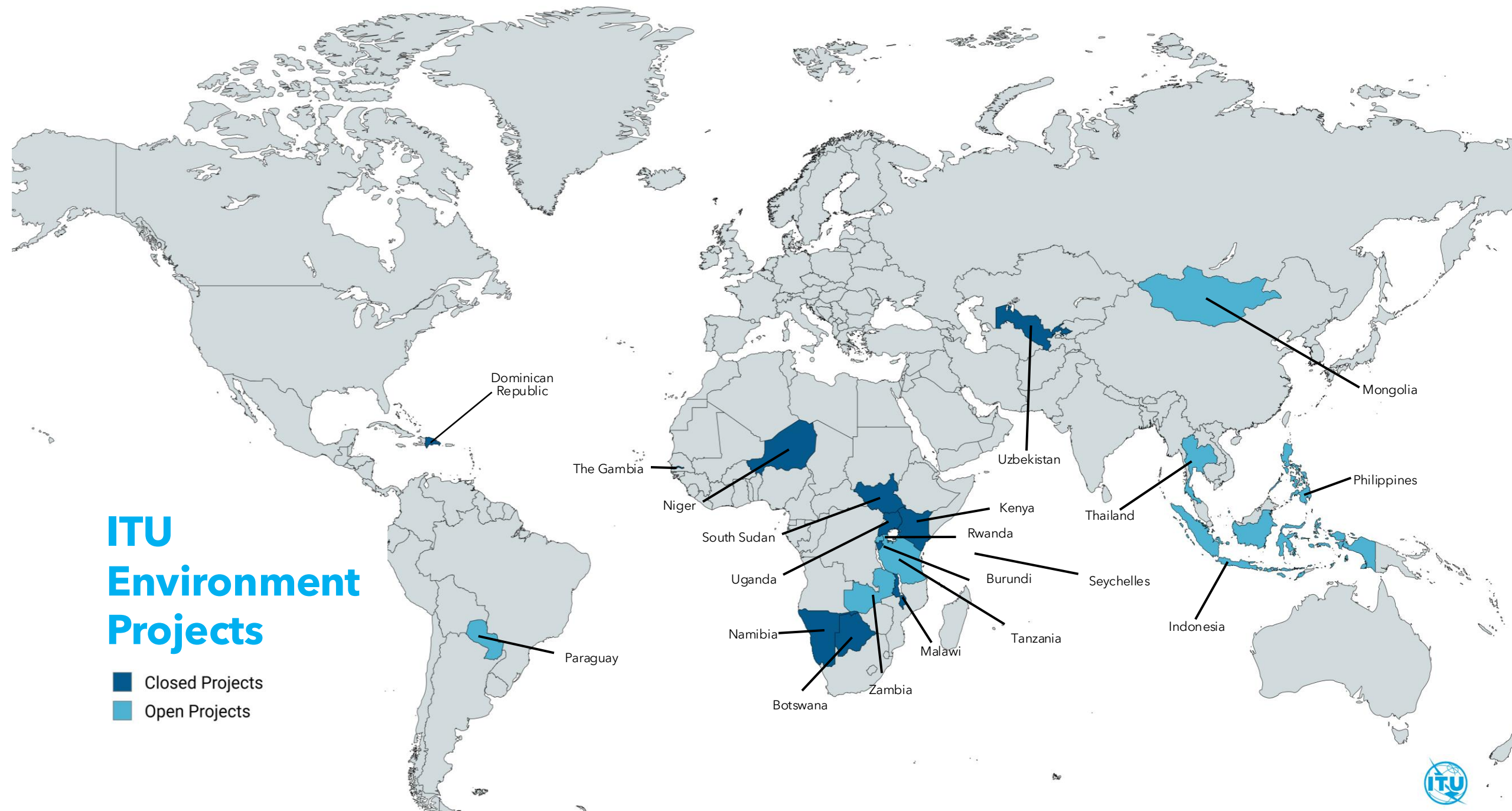
Objectives

- To monitor progress and challenges with e-waste, based on current data and statistics.
- To serve as basis for e-waste indicators, contributing to the SDGs and the ITU targets.
- To increase the global take-up of environmentally sound national e-waste regulation.



ITU Environment Projects

- Closed Projects
- Open Projects





2021 - 2023: Regulatory Support to Dominican Republic

- ITU and UNEP project
- Support provided to INDOTEL and MARENA to develop a dedicated [Regulation on E-waste Management and Final Disposal \(Decree 253-23\)](#)
- First stage: Government and Private Sector/Civil Society Consultations (June to November 2021)
- Second stage: Finalization and validation of draft regulation in May 2022
- Third stage: Approval at ministerial level in 2023
- [Resolution 0041-2023](#) establishing national guidelines to implement EPR on e-waste (data on collection and recycling, management cost, EPR fee)

99 million kg of e-waste generated

8.8 kg of e-waste generated per capita

E-waste Regulation: yes

EPR on E-waste: yes

2022 data from the [Global E-waste Monitor 2024](#)





Decree 253-23 in Dominican Republic

- Decree in the framework of the extended producer responsibility (EPR)
- Includes instruments and formats for registration of producers and e-waste traceability
- Defines responsibilities of actors and application scope of EPR
- Establishes the requirements for creation of EPR collective and individual systems
- Mandates e-waste management plans from producers
- Classifies e-waste and establishes requirements for authorization and registration of stakeholders
- Regulates the import of used electrical and electronic equipment and import/export of e-waste
- Incorporates financial actions, monitoring and control regime

Current status (October 2025):

- **Decree 253-23's implementation requires further operational regulation setting out obligations for the creation of EPR systems**
- **An EPR regulation is undergoing public consultation to ensure formal application of the Decree and initiate the creation of individual and collective EPR systems.**





2023-2026: Regulatory Support to Paraguay

- ITU is supporting CONATEL and MADES to develop a specific e-waste regulation introducing EPR on EEE in Paraguay
- First stage: Government and Private Sector Consultations (October 2024)
- Second stage: Pre-validation of draft decree and resolution (May 2025)

Current stage: Decree and Resolution socialization/consultation by MADES, EPR financing study, EPR implementation guidelines (in progress)

57 million kg of e-waste generated

8.4 kg of e-waste generated per capita

E-waste Regulation: no

EPR on E-waste: no

2022 data from the Global E-waste Monitor 2024

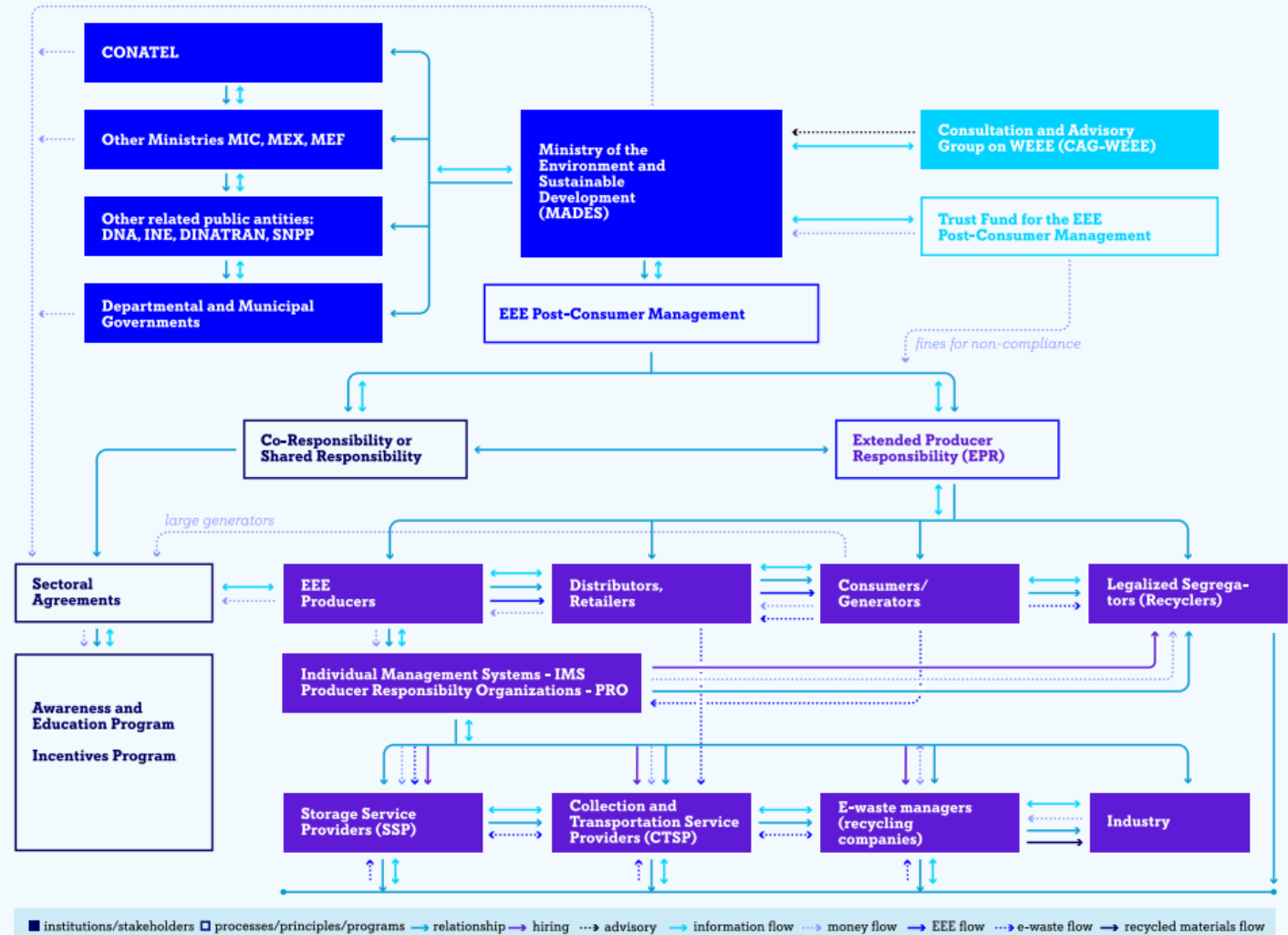




Post-consumer management system in Paraguay

- Paraguay aims to implement co-responsibility for e-waste management
- This implies that the generator of e-waste is responsible, along with the relevant authorities, for the costs of preventive or corrective actions to restore the environment
- Implementation to be conducted through sectoral agreements
- Shared but differentiated responsibilities

Figure 17. Paraguay - Scoping the post-consumer EEE management system





Useful Resources



Policy practices for e-waste management - Tools for a balanced and fair circular economy
Second edition - 2025



Video about ITU and CST project in Paraguay, Rwanda and Zambia



ITUWTDC
BAKU2025

Thank you

Noémie Pralat

noemie.pralat@itu.int

itu.int/itu-d/sites/environment