

ITU Workshop on "Shaping a Sustainable and Digital  
Future – Pathway towards the Green Standards Week  
15 June 2023, virtual event



BASEL / ROTTERDAM / STOCKHOLM  
CONVENTIONS

# Exploring the Benefits and Importance of a Global Digital Product Passport for ICT for Latin America and the Basel Convention

---

Ms. Francesca Cenni, Programme Management Officer  
Secretariat of the Basel, Rotterdam and Stockholm Conventions

---

## The Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal

- **Adopted:** 22 March 1989
- **Entry into force:** 5 May 1992
- **Number of parties:** 191
- **Objective:** To protect human health and the environment against the adverse effects of hazardous wastes
- **Scope:** Hazardous wastes and other wastes

# The Role of the Basel Convention

- ESM of E-waste
- TGs Distinction between waste and non-wastes and TBM of e-waste
- Waste Prevention and sound recycling Mobile phones and Computing equipment
- EPRs Policy development
- Illegal traffic
- PACE II partnership in cooperation with other entities and initiatives



# Controlling Transboundary Movements

---


- **Conditions:** transboundary movement only among Parties (exception - Article 11 Agreements);
- **PIC** = Prior Informed Consent Procedure
- **Four stages:**
  1. notification of proposed shipment;
  2. written consent to proposed shipment;
  3. issuance of movement document;
  4. confirmation of ESM disposal.
- **Right to restrict or ban** imports, transits or exports
- **Illegal traffic:** defined by the Convention - consequences provided



# INFORMATION in the NOTIFICATION DOCUMENT to IDENTIFY E-WASTES

- 14. Waste identification
- Basel Codes: Annex VIII (or IX if applicable)  
Y code, H code
- EC list of wastes:
- UN class (5), UN Number, UN Shipping name:
- Customs code(s) (HS):
- Others (E.G. POPs labelling)





# New HS codes for e-wastes (2022)

- **Most of Basel wastes have a six digit HS code:**
  - Most POPs-contaminated wastes are identified under the classification for Basel wastes;
  - Interconnection table: Correlation between wastes covered by Basel and the HS
- **Basel wastes without an HS code:**
  - Parties to make proposals for WCO consideration
  - Use of explanatory notes
  - Possibility for country to create national HS code by adding two digits

# Hazard characteristics for wastes applicable to e-waste

- National legislation defines chemicals hazards; GHS provides an international approach applied mainly to Hazardous Substances
- The **Basel** Convention defines wastes hazards in Annex III (eg. Explosive - Flammable – Oxidizing - Poisonous - Infectuous – Corrosive – Toxic)
- Examples of United Nations Packaging Symbols:

Danger, Very toxic to aquatic life



Danger, toxic



Warning, gaz under pressure



Danger, flammable



Danger, may cause fire or explosion



Danger, explosive



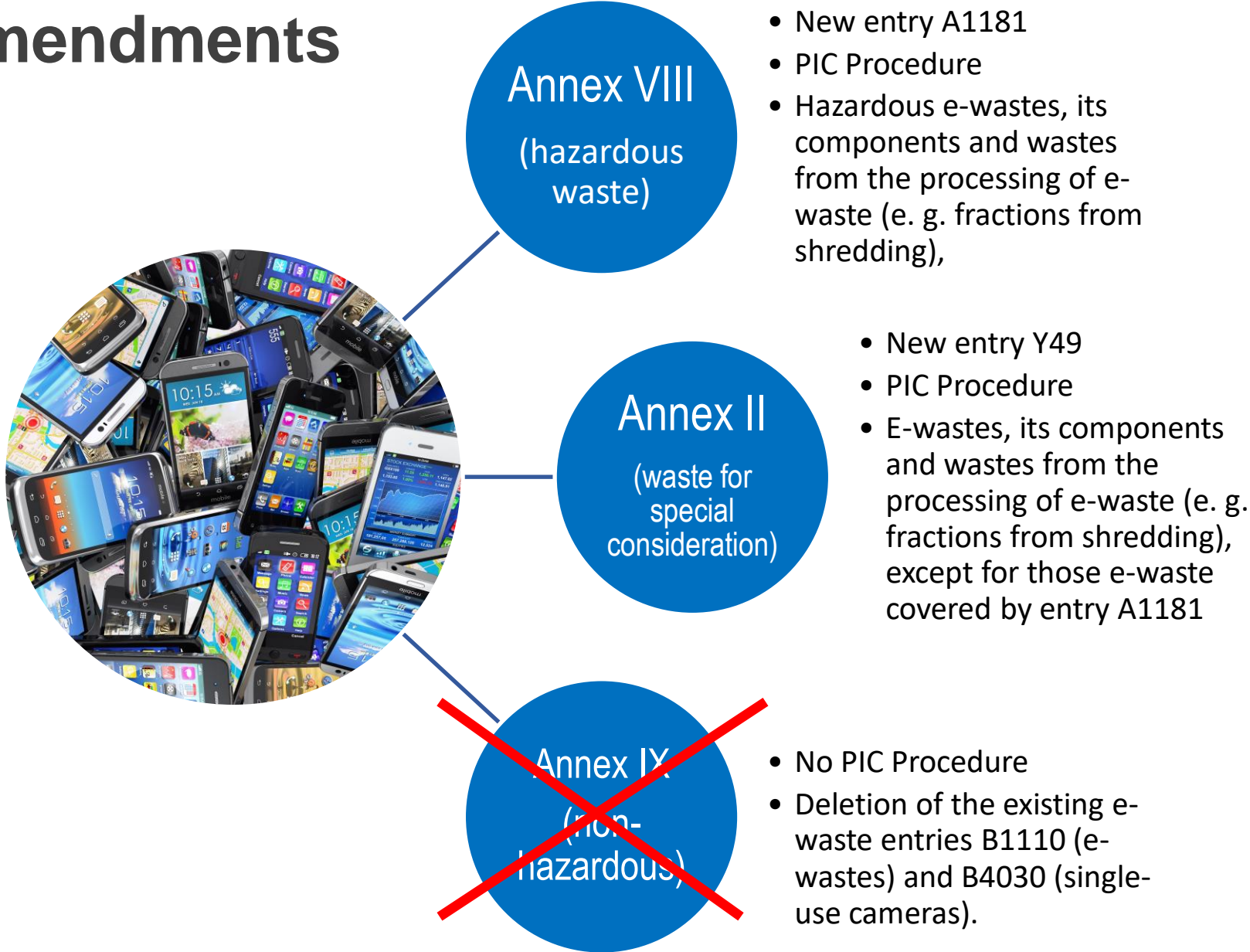


## E-waste amendments adopted by COP-15 in 2022

- Amendment proposal made by Ghana and Switzerland
- Adopted amendments to Annexes II, VIII and IX regarding e-wastes
- Non-hazardous e-wastes added to Annex II (“wastes requiring special consideration”)
  - **All transboundary movements of e-wastes, whether hazardous or not, will be subject to the prior informed consent (PIC) procedure**
- The amendments will become effective on **1 January 2025**



# E-waste amendments





**Revised Technical guidelines on  
transboundary movements of electrical  
and electronic waste and used electrical  
and electronic equipment (2023)**

---

**Definition:** Electrical or electronic equipment that is waste, including all components, sub-assemblies and consumables that are part of the equipment at the time the equipment becomes waste

# Digital Control Procedure

- Expert Working Group looking at existing experience
- Digital passport can speed up digital controls





# The Stockholm Convention

---

- **Adopted in May 2001**
- **Entry into force on 17 May 2004**
- **186 Parties**



Managing  
stockpiles &  
wastes (art. 6)

Parties are to:

- Develop strategies for identifying POPs stockpiles
- Manage POPs stockpiles & wastes in an environmentally sound manner
- Dispose of POPs wastes consistent with international rules
- Not dispose in a way that leads to reuse of POPs
- Not to transport POPs wastes unless comply w/int'l rules

# Stockholm Convention

- ❑ **2023 COP11: Added 3 new POPs in Annex A (prohibition of production, use, recycling of products containing POPs) 2 in electronics:**
  - ❑ **Dechlorane Plus (with Exemptions)**
  - ❑ **UV-328 (with Exemptions)**
  - ❑ **Labelling of products containing POPs**






# PACE-II

- Focus on used and waste:
  - TV screens, audio and video eq.
  - Refrigerators, cooling and heating equipment
  - Mobile Phones and
  - Computing Equipment
- Programme work on:
  - Pilot projects
  - Dissemination activities
  - Development of ESM guidance on used and waste: TVs, Refrigerators, cooling and heating equipment
- Partnership reaches out to over 500 entities involved with the members

# Thank you for your attention!

---

For more information please visit us at:

 [@brsmeas](https://twitter.com/brsmeas)

[www.brsmeas.org](http://www.brsmeas.org)

[www.basel.int](http://www.basel.int)



BASEL / ROTTERDAM / STOCKHOLM  
CONVENTIONS





## The Basel Convention: Mobile Phone Partnership Initiative (MPPI)

### Guidelines on:

- Refurbishment of Used Mobile Phones
- Collection of Used Mobile Phones
- Material Recovery and Recycling of End-of-Life Mobile Phones
- Awareness Raising-Design Considerations
- Transboundary Movement of Collected Mobile Phones;

**Guidance document** on the environmentally sound management of used and end-of-life mobile phones

- **Guidelines on :**
  - Environmentally Sound Testing, Refurbishment, and Repair of Used Computing Equipment
  - Environmentally Sound Material Recovery and Recycling of End-of-Life Computing Equipment
- Overall **guidance** document
- **Report** with ESM criteria recommendations;
- **Report** on strategies, actions and incentives to promote environmentally sound management of end-of-life-computing equipment
- **Manual** on Steps to Establish and Implement Environmentally Sound Management for Used and Waste Computing Equipment



# Guidance and Training

- Manual for preparation of national management plans for used lead-acid batteries
- Practical guidance for the development of an inventory of used lead-acid batteries
- Fact sheet on ESM of Waste Vehicles for recyclers
- ESM of WLAB online training in the E-waste Challenge MOOC





Climate-KIC



Climate-KIC is supported by the EIT, a body of the European Union

# “THE E-WASTE CHALLENGE” MOOC

State-of-the-art e-waste sector knowledge and best practice combined with new generation online learning design and delivery.



UNEP



BASEL  
CONVENTION