




# Emerging economies: Incentivizing problematic e-waste fractions

Presented to UNEP Global Dialogue 2021

A world map with a light blue background. Landmasses are outlined in white. Most landmasses are filled with a darker blue color, while some regions, particularly in Africa and parts of Asia, are filled with a grey color. A dark blue rounded rectangle is centered over the map, containing the text 'Lack of trust, traceability and incentives'.

Lack of trust, traceability and incentives












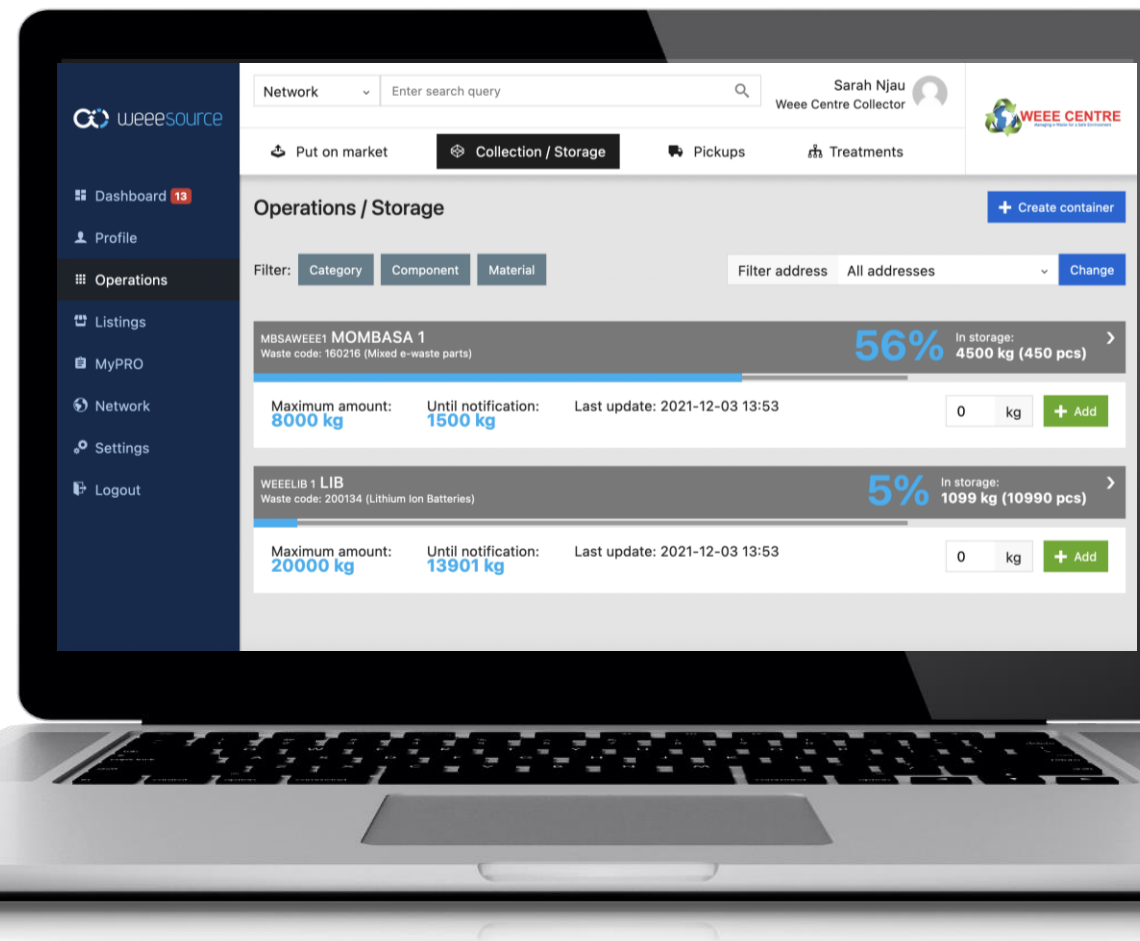
There is no accessible digital tool for global e-waste actors to find, transact and collaborate together to improve global BEP.

The background of the slide is a close-up, slightly blurred photograph of electronic components, likely a printed circuit board (PCB), showing various integrated circuits and connectors. The lighting is soft, with a blueish tint, and the focus is on the foreground components.

The free-to-use digital eco-system that enables trusted global collaborations to incentivize tracking and reported treatments of electronics.

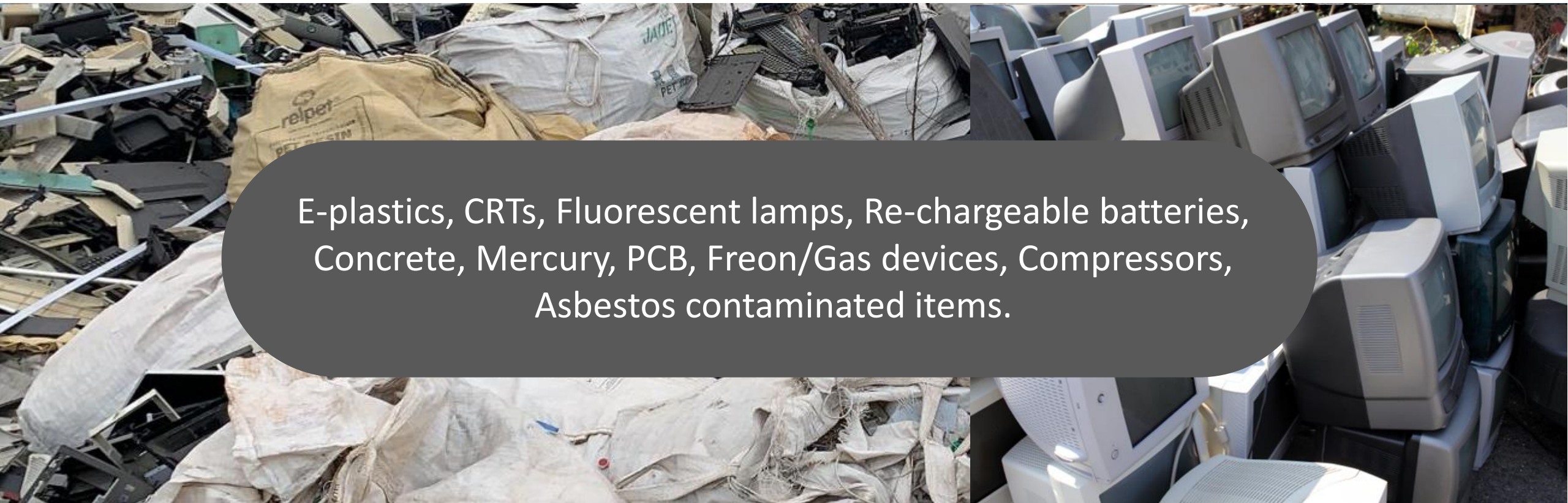
*Free plan has limitations in operational volume to allow free-for-life for smaller actors.*

-  Comparable profiles
-  Network and directory
-  Global Put on market (POM)
-  Storage / inventory
-  Pickups
-  Treatments / certificates
-  Trade listings / procurements
-  Incentives / exchange (proceeds policy)
-  Analytics





## Problematic fractions and “Left-over”



E-plastics, CRTs, Fluorescent lamps, Re-chargeable batteries, Concrete, Mercury, PCB, Freon/Gas devices, Compressors, Asbestos contaminated items.

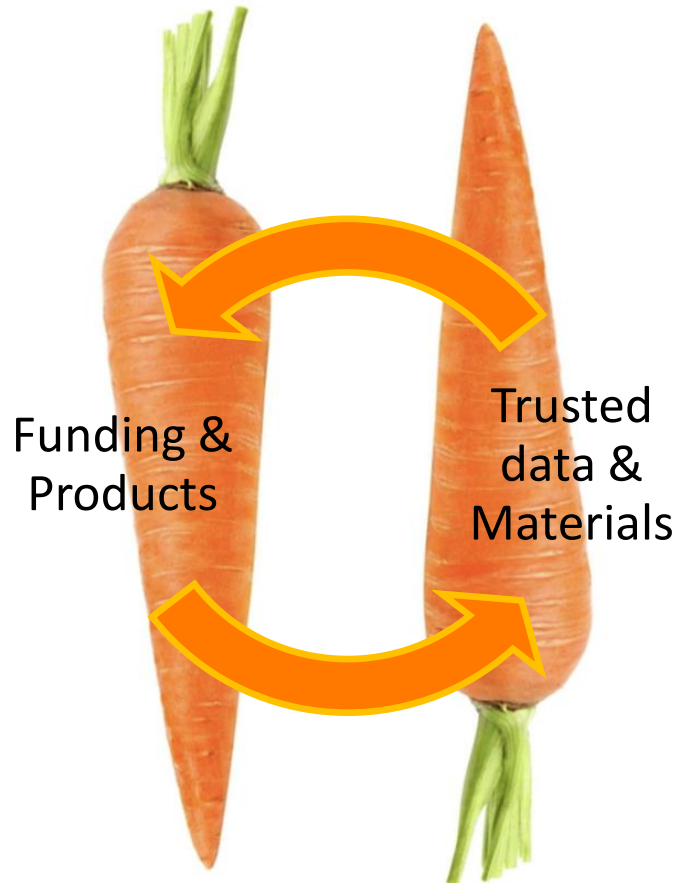


How do you compete with a more profitable  
informal sector?



Incentivize BEP and “green-proof” global operations and activities.

- ✓ Proof / Certificates of sound treatment
- ✓ Quantifiable CO2 metrics and data
- ✓ Enter new markets with accountability (POM / EPR)
- ✓ Return of critical raw materials and components
- ✓ Marketing and Handprint ambitions

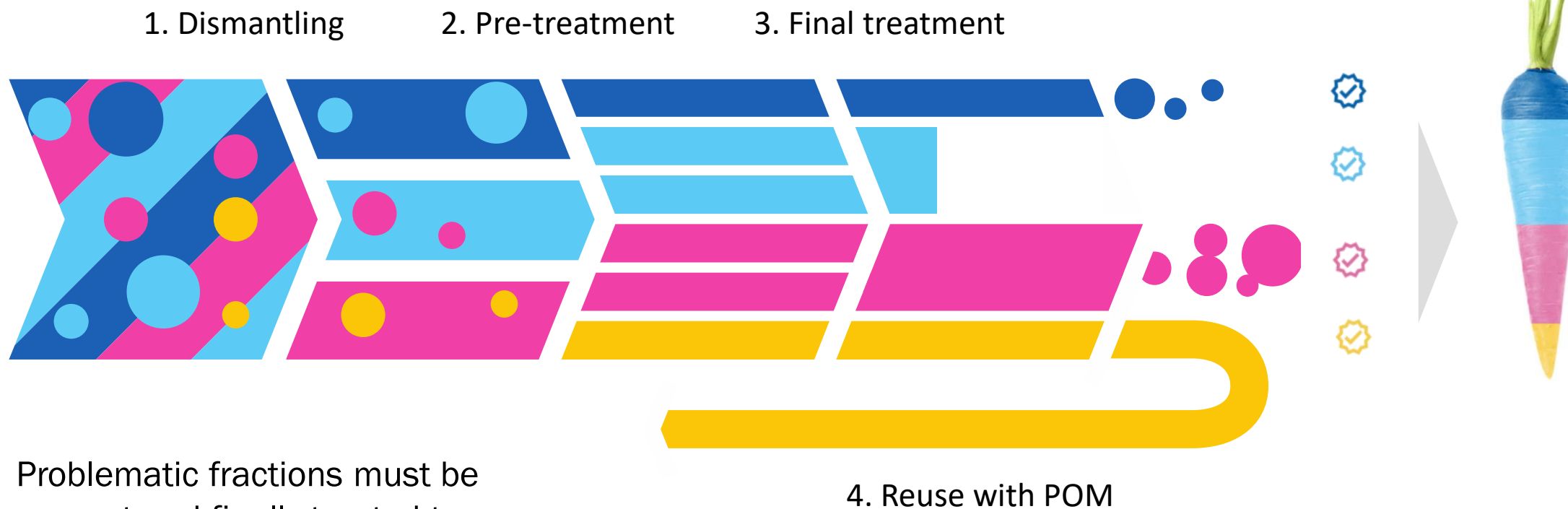


Free ERP-tool that incentivizes BEP procedures.

- ✓ Funding for traceability that results in proven BEP
- ✓ More collaborations
- ✓ Synchronized global standards
- ✓ Access to global technology and partners
- ✓ Green jobs / Social responsibility
- ✓ Competitiveness of the formal sector vs. the informal



Incentives for a fulfilled process that uses multiple certified actors to verify the chain.



Incentives, best practices and reporting is not the only thing needed to treat problematic fractions



Access to better technology



## Transboundary disruption of sustainability

- It is today simpler for Tanzania to send Lithium-Ion batteries to USA for unreported disposal than to their neighbour Kenya to be repurposed into Solar panel batteries.
- Responsible collectors wait for transboundary approval for up to 1 year to send a container with circuit boards that can pay for all staff members salary during that same year.



Calling for a Basel "Green list" of trusted acceptors!

Transboundary movements to trusted acceptors for the purpose of urban mining must be much faster.



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