




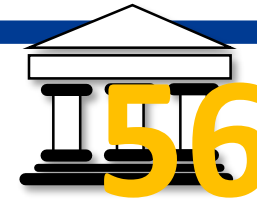
Traceability and Circularity of Electric and Electronic devices and their waste

Introduction



 **+100**
members

in **25**
countries 



56
Local &
regional
authorities

Some members:



 **+1,100**
municipalities
represented

+Join us!

WEEE: overall organisation

Waste Electrical and Electronic Equipment

- About 12 Mt/year – 16.6 kg/cap
- Framework: EU Directive 2012/19/EU
 - Extended Producer Responsibility: producers finances and/or operate collection and treatment
 - Different targets for separate collection (65% of EEE put on the market or 85% of WEEE generated)
- Different types of implementation by Member States, and very different performances

WEEE: overall organisation



- Manufacturers, retailers, importers,...
- Pay a fee to EPR organisations

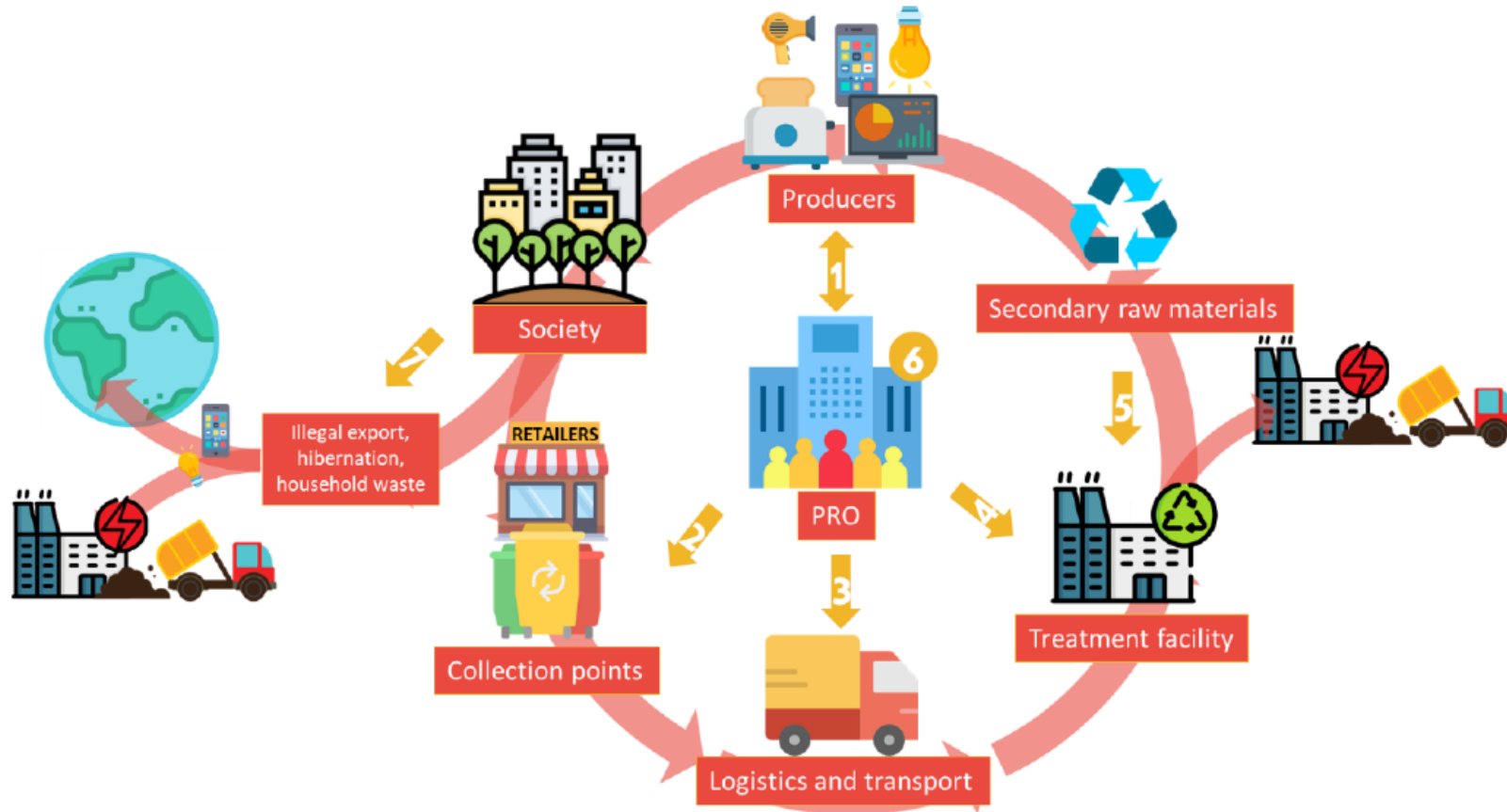
- Consumers: inhabitants, private companies, etc.
- Use and then store, give away, re-sell, or discard it

- Financed and organised by PRO
- Many different players: local authorities, retailers, charity organisations, etc.

- Dismantlement, depollution, etc.
- Extraction of recyclable fractions

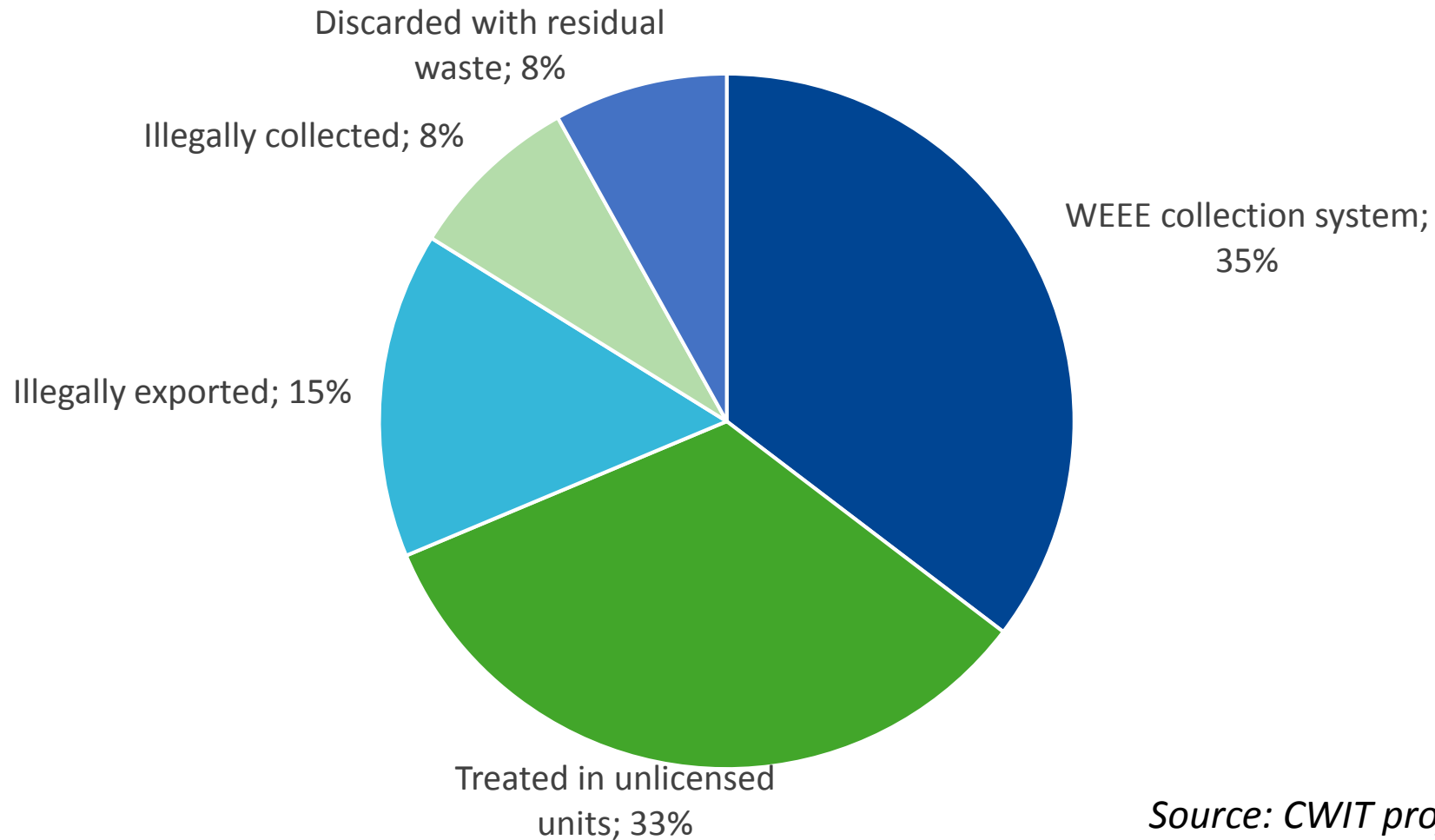
- Different outputs: metal, plastic, glass
- Quality criteria
- Very different end-uses depending on the materials

WEEE: overall organisation



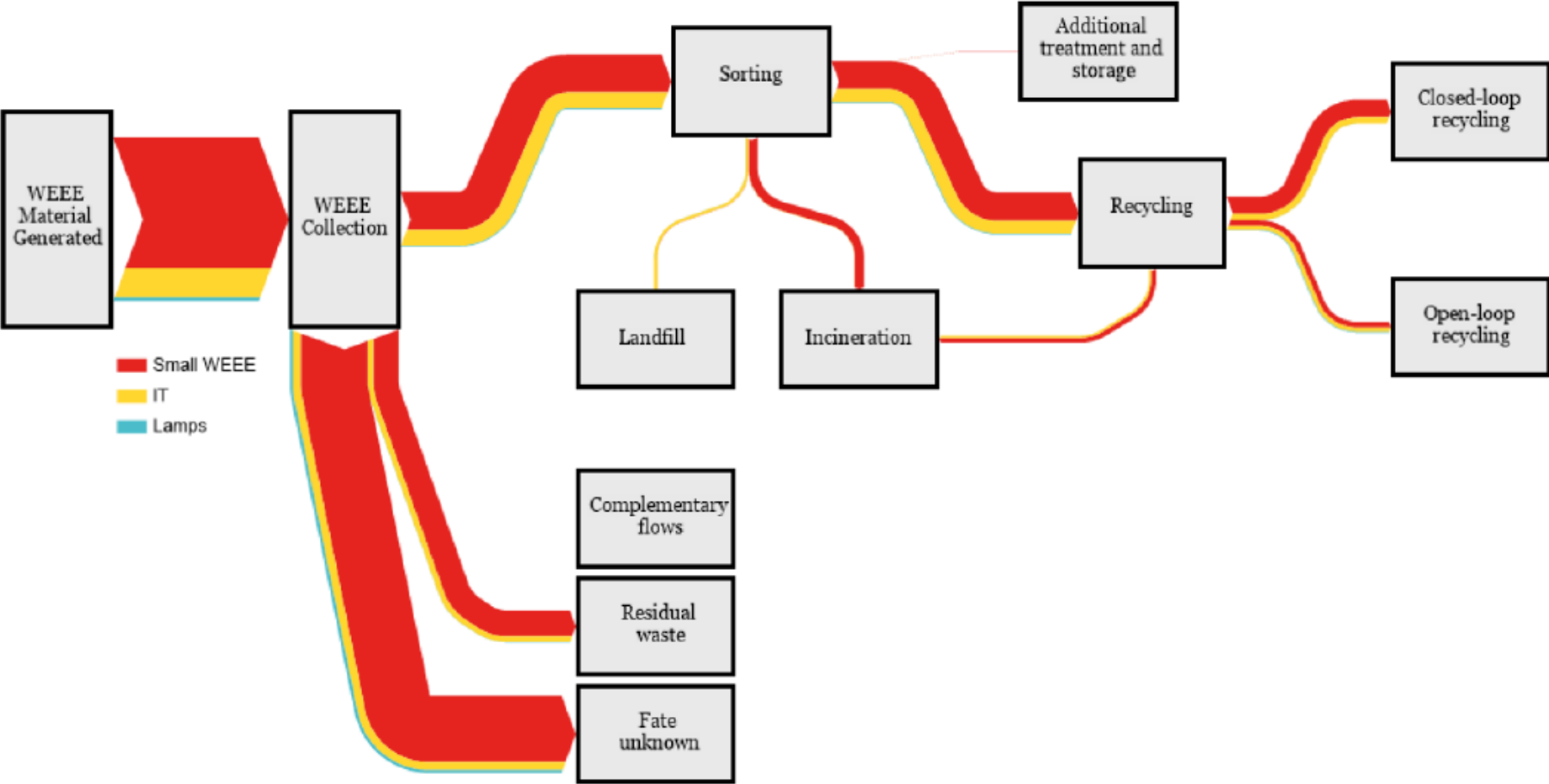
Source: COLLECTORS project

The issue at stake



Source: CWIT project, 2012

Illustration: small WEEE in Helsinki



Source: COLLECTORS project



Different challenges

Improper collection

- Mixed collection, improper storing, lack of collection points

Illegal practices

- Theft of valuable fractions before collection or in collection points, illegal transactions, etc.

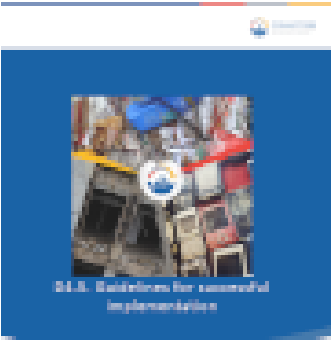
Poor design

- Reparability, possibility to extract materials, presence of hazardous substances

Reporting of quantities

- Little data on unsorted fractions, no harmonised methods, unclear reporting guidelines, lack of central database, local players not involved in reporting, etc.

More information:



COLLECTORS guidelines



COLLECTORS policy recommendations

If you have any question...

- **Please ask your question in the chat**, and we will make our best to ask them during the Q/A
- The different presentations will be available afterwards

Introducing the speakers

- **The context of the project**

Speaker: **Daniel Marco**, Director General of Digital Economy and Innovation, Department of Digital Policies and Public Administration, Government of Catalonia

- **Presentation of the project**

Speaker: **Maria Vidal**, Head of Promotion of valorisation, Waste Agency of Catalonia, Department of Territory and Sustainability, Government of Catalonia

- **The implementation of the project**

Speaker: **Daniel López**, Director of Digital Innovation Management Office at i2CAT Foundation