

WEEE Directive in a nutshell

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The WEEE Forum

Who are we?

WEEE Forum – Who are we?



Association speaking for fifty not-for-profit e-waste producer responsibility organisations (PROs)

- Founded in 2002
- Brussels based
- 32 Countries
- 5 continents



WEEE Forum – Who are we?



The WEEE Directive

The legislation

The WEEE Directive



Main changes: Adaptation to circular economy package in 2018
An evaluation of the WEEE Directive is running

Impact of the WEEE Directive



Before the WEEE Directive: Waste Framework Directive

- No specific rules for WEEE

The WEEE Directive required:

- Separate collection of WEEE
- Extended Producer Responsibility (EPR)
- Reporting – statistics for WEEE
- Special treatment and depollution
- Ecodesign

Products in scope



- All products meeting the definition of EEE
- Grouped into 6 categories



Temperature Exchange Equipment



Large Equipment



Screens



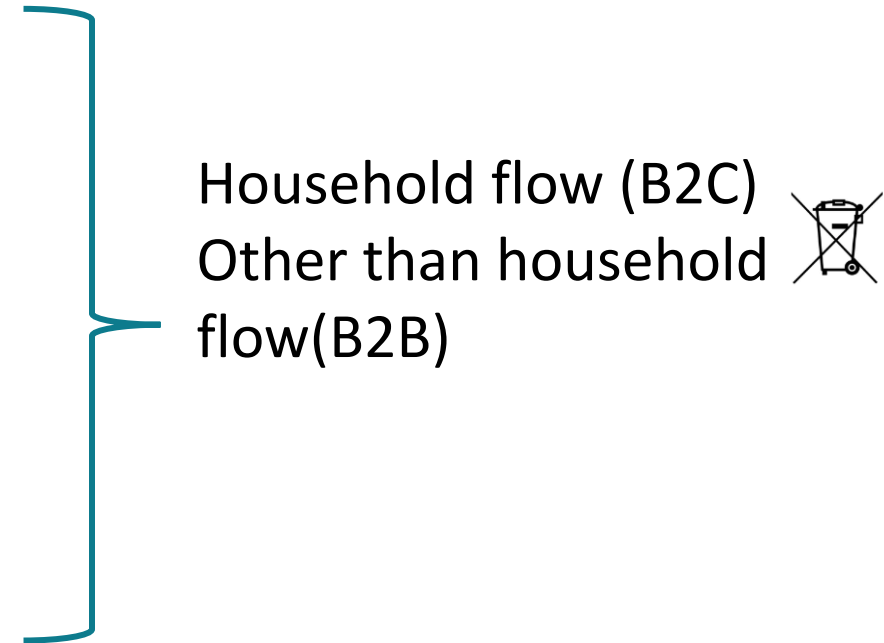
Small Equipment



Lamps



Small IT & Telecommunication



- Includes domestic and professional equipment

Extended producer responsibility (EPR)



Art. 12 Financing in respect of WEEE from private households

1. Member States shall ensure that **producers** provide at least for the financing of the **collection, treatment, recovery** and (...) **disposal** of WEEE from private households (...) deposited at collection (...)

3. (...) The **producer** may choose to fulfil this obligation either individually or by joining a **collective scheme**.

Directive 2002/96/EC of the European Parliament and of the Council, revised in 2012 -> 2012/19/EC

Source: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32012L0019> ; WEEE DG environment: http://ec.europa.eu/environment/waste/weee/index_en.htm



The producer, a relevant player



A producer is responsible for placing EEE on the market

Manufacturer

Distributor

Distance seller

Importer

.....

May meet their obligations collectively by joining a

Producer
Responsibility
Organisation

Overview EU evolution facts and figures



20 years ago...

No national WEEE registers

Few compliance schemes

Incipient legal framework

No clearing houses

No WEEE statistics

Little market intelligence



90,000 producers registered

More than 200 schemes (PROs)

WEEE legislation across EU

Clearing houses in eight MS

Eurostat and Key Figures

WEEE flows studies, CWIT, ProSUM

Producer obligations



Collection networks



PROs have set networks/agreements for collecting WEEE

Most frequent types of collection points:

- Municipalities
- Retailers
- Other
- B2B



Targets

- Collection targets (Art. 7)
- Recycling and recovery targets (Art. 11)

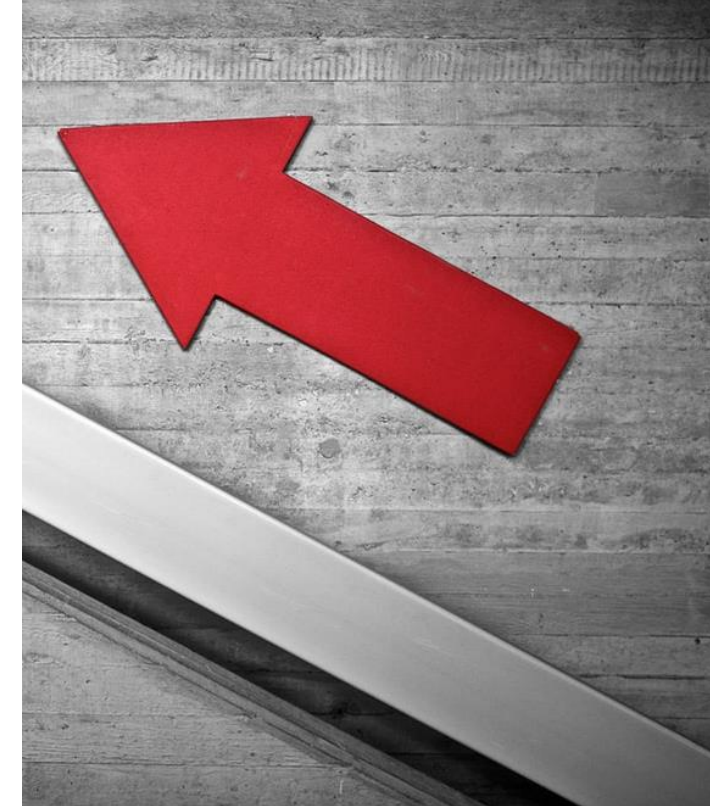


Reaching collection targets



Art. 7 of WEEE Directive:

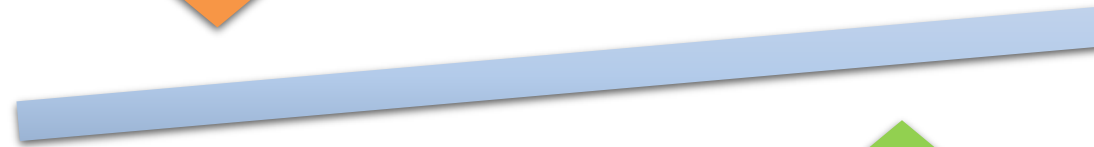
- Until 2015: 4Kg of WEEE per inhabitant
- From 2016: 45% (average POM 3 preceding years)
- From 2019: 65% (average POM 3 preceding years) **or** 85% of Waste generated.
- Some countries have set gradual targets, target per category or re-use targets.



EPR- Challenges in e-waste management



Valuable materials



Environmental and health concerns if not properly managed

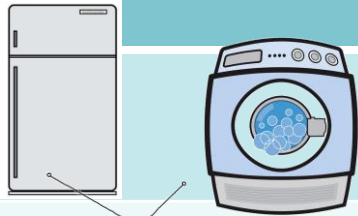
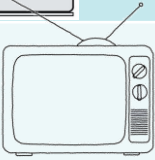




Recycling and Recovery targets



Art.11 of WEEE Directive (WEEE II)

- Essential for ensuring proper treatment
- Basic treatment and depollution requirements
- Standards support compliance

Category	Recycled+re-use	Recovered
1, 4 	80%	85%
2 	70%	80%
5, 6 	55%	75%
3 	80%	-

Recycling and recovery rates



- Calculate recycling and recovery rates using a standardised methodology
- <https://www.wf-reptool.org/>
- New user-friendly version available in 2023



Challenges in e-waste management

Fate of unreported e-waste



Wrongly disposed with municipal waste



Hoarded at home, passed on



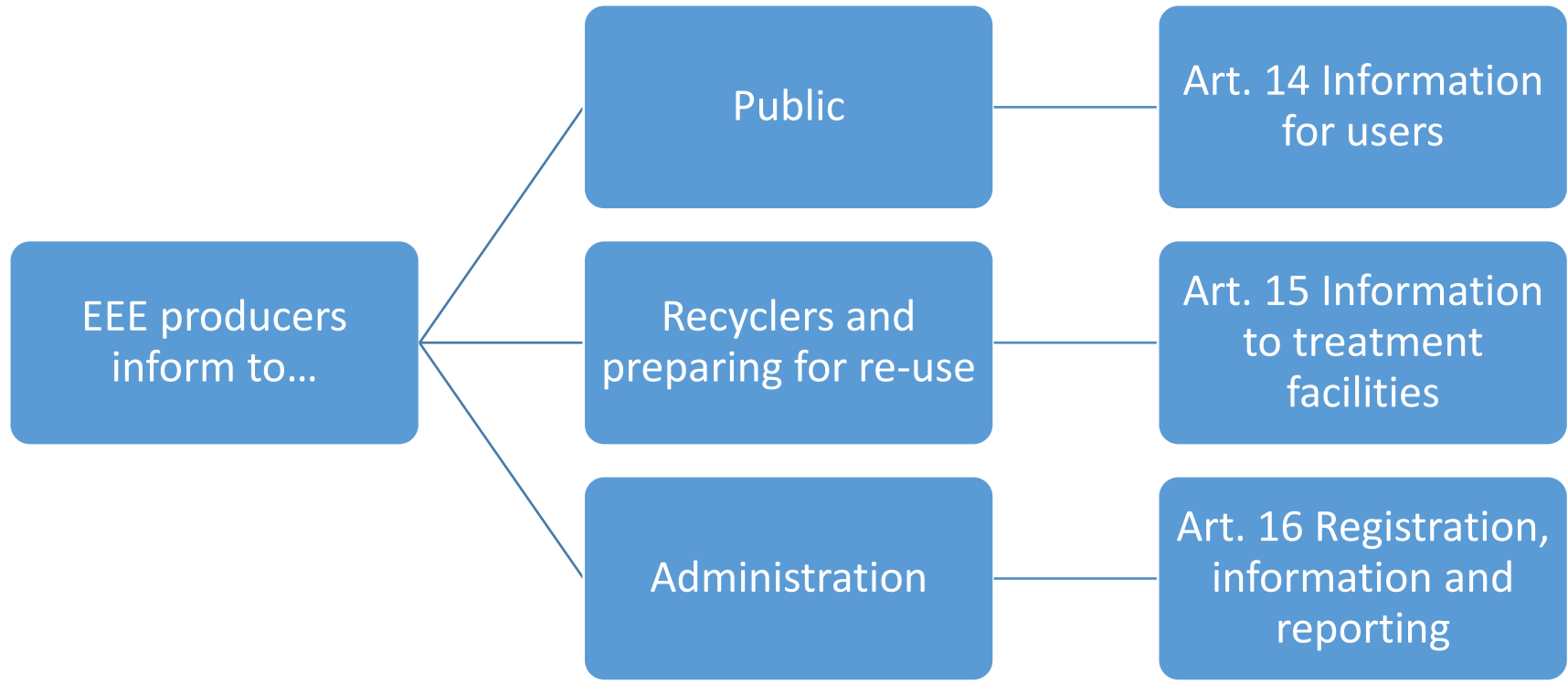
Collected with scrap, scavenged



Exported



Information



Collection, recovery and POM data

PROs collection and awareness

- Most PROs perform communication campaigns to engage with stakeholders and raise awareness.
- They also run attitudinal surveys
- International E-waste day, is a good example



Thank you for your attention

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