



ZERO WASTE EUROPE LIVE!

5 FEBRUARY 2019 2PM

MIREIA ROURA

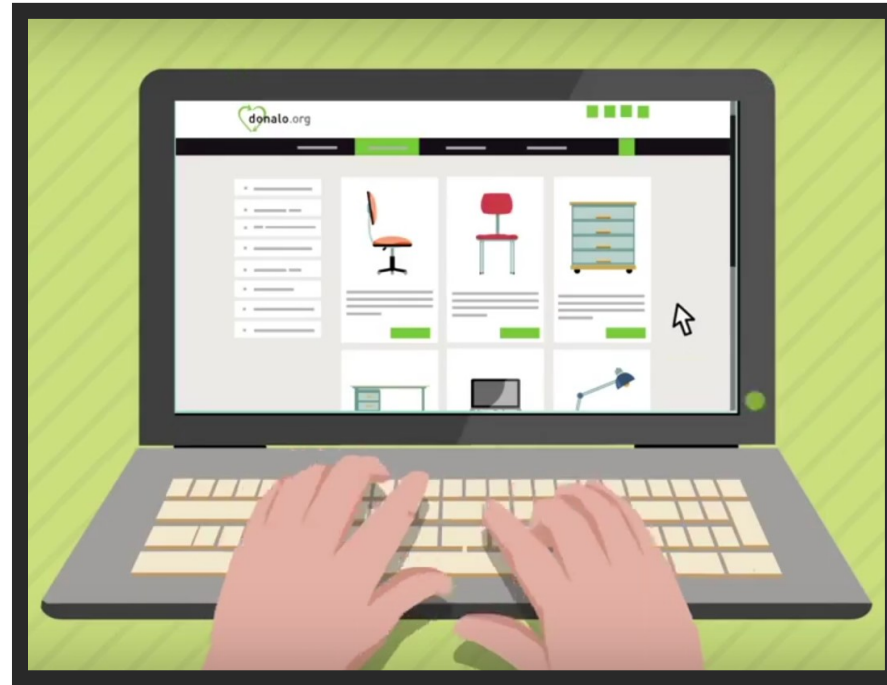
PROJECT MANAGER
AT DONALO

HOW TO EXTEND THE ELECTRONIC DEVICES LIFESPAN AND REDUCE E WASTE
AT THE CITY LEVEL LEARNING FROM THE BARCELONA EXPERIENCE



How to test, inventory and distribute second-hand electronic devices through a certified protocol? How to trace them to be sure they will be recycled at the end of their useful life?

Mireia Roura, project manager donalo.org



It's a digital platform and a meeting point where companies donates all kind of material, especially digital devices, to social entities



LEARNING BY DOING SINCE 2016



83.013 kgr



25.112 Products



79 companyies



208 NGO

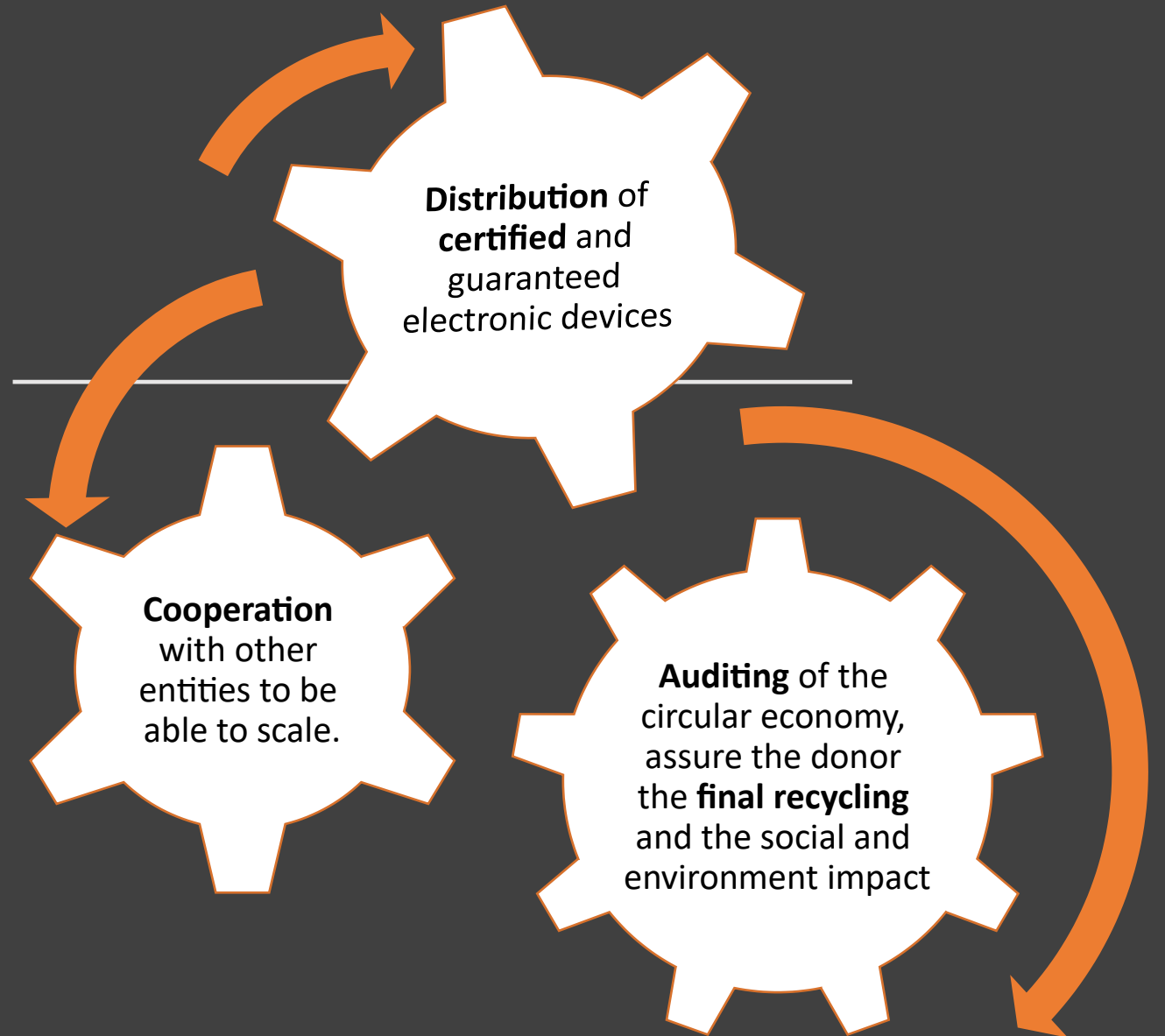
ereuse.org

BEFORE EREUSE

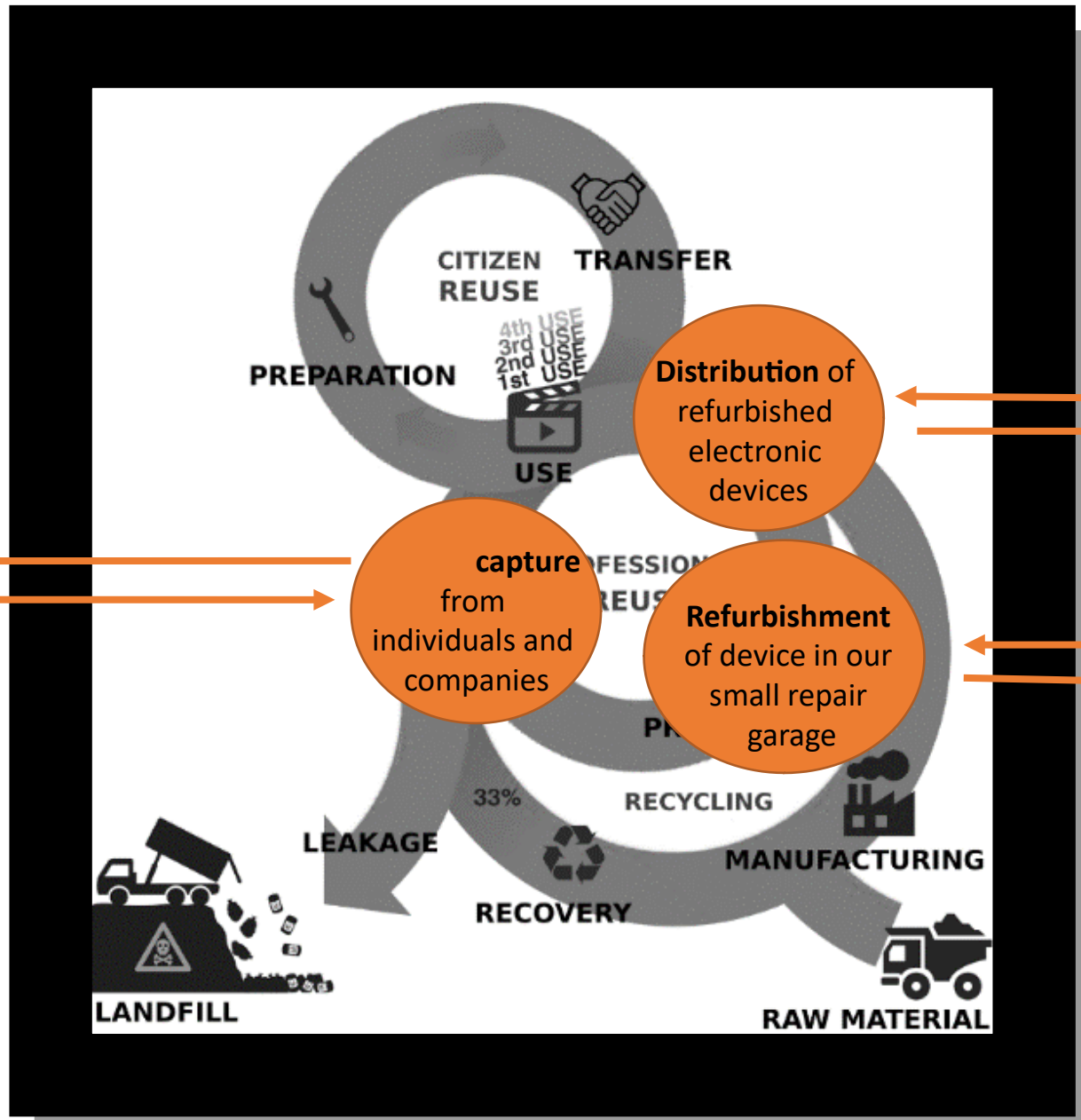
Distribution of non suitable computers

We had no answers for the donor. Only the beneficiary NGO

We couldn't scale the activity and we didn't want to replicate existing structures



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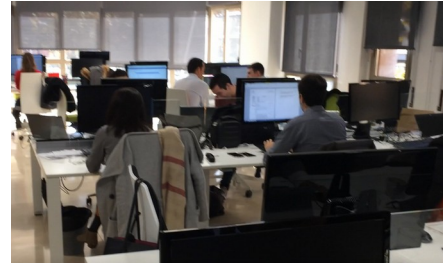
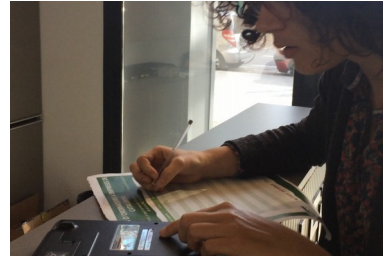
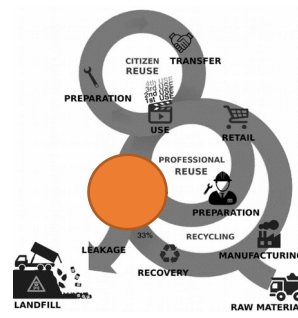


Distribution of refurbished electronic devices

capture from individuals and companies

Refurbishment of device in our small repair garage

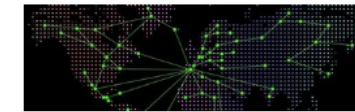




42333DG LENOVO

Id	Type	Subtype	Model	Price €	Range	Last event	Created
123	Computer	Laptop	42333DG	134.71	High	Migrate Distribuci...	2 years ago
221	Computer	Laptop	VGN-Z11WN_B	134.1	High	Snapshot 58adbae1...	2 years ago
220	Computer	Laptop	VPCS12L9E	132	High	Snapshot 58adbae1...	2 years ago
202	Computer	Laptop	28477LG	114.6	Medium	Snapshot 58c3f0781...	2 years ago
203	Computer	Laptop	28477LG	114.6	Medium	Receive 5bdf5e13c0...	2 years ago
204	Computer	Laptop	28477LG	114.6	Medium	Receive Portàtil A...	2 years ago
209	Computer	Laptop	28477LG	114.6	Medium	Snapshot 58c3f0781...	2 years ago
201	Computer	Laptop	28477LG	114	Medium	Snapshot 58adbae1...	2 years ago
210	Computer	Laptop	28477LG	114	Medium	Allocare Lenovo Th...	2 years ago
211	Computer	Laptop	28477LG	114	Medium	Sell Venta a "A Gr...	2 years ago
212	Computer	Laptop	28477LG	114	Medium	Snapshot 5b8838e7c...	2 years ago
216	Computer	Laptop	28477LG	114	Medium	Snapshot 5b8838e7c...	2 years ago
100	Computer	Laptop	28477G	113.7	Medium	Snapshot 5b8838e7c...	2 years ago

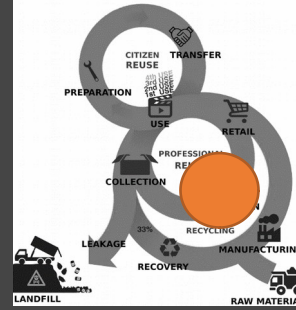
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58b721d21f632f594154ea...		Register	Unsecured	2 years ago



Global traceability

The donor has access to a **link** for each device with the following information:

- Who refurbished it
- Who received it and **what price** they paid
- Where it has been **recycled**



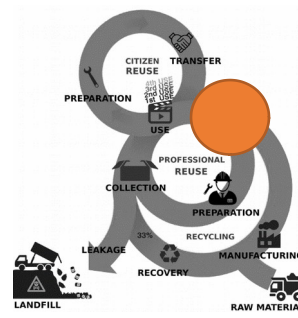
Software open source to:

- Testing** devices to estimate its use value
 - Hard disk erase
- Inventory** at component level
 - Labelling** with smart label
- **Selling price** according to a transparent algorithm and value of use.
 - Inventories can be shared with other circuit members



Common resources to:

- Follow the **same protocol**
- A **virtual currency** (the value of use) to compensate each other for the exchange
- Management** agreements



-NGOs pay a **protected cost**, according to the costs of circularity

-They receive the devices in **cession of use**

-When they no longer want the device, they must warn the circuit, which decides whether it can be sent for recycling or recirculated again.

-Possibility of **renting** thanks to the computation of hours of use of the computer





SINCE 2018 IN EREUSE



 336

 32 NGO

 33 donors

 18.166 €