

ZERO WASTE EUROPE LIVE!

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ESTER VIDAL

**DIRECTOR OF COOPERATIVE, SOCIAL
AND SOLIDARITY ECONOMY SERVICES
AT BARCELONA CITY COUNCIL**

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

How to extend the electronic devices lifespan and reduce E-waste at the city level

**Barcelona City Council experience:
Political and managing point of view**

Ester Vidal

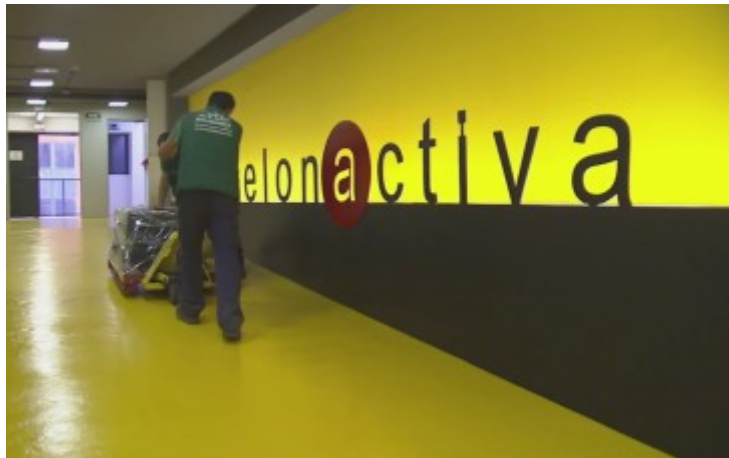
Director of Cooperative, Social and Solidarity economy services

What political steps Barcelona City Council has taken to launch a reuse circuit that promotes the responsible consumption of electronic devices; the creation of new green jobs (local economy), the reduction of waste and the shortening of the digital divide?

Barcelona Activa demonstration

Public administrations in collaboration with **circular economic entities** are creating formal reuse circuits for electronics (laptops, desktops, mobiles) that are repaired, upgraded, traded / transferred in the reuse market and final recycling is assured.

Some actors of the **eReuse Barcelona** platform (circuit):



Barcelona Activa demonstration

- The demonstration with BASA began with independent agreements with the different entities, because they included it within an entity that is umbrellas of all of them have facilitated the process.

ereuse.org



- Based on the pioneering experience carried out by Barcelona Activa, it was wanted to replicate it to the City Council of Barcelona.

Single agreement

The purpose of the assignment:

To promote and promote the circular economy and the reduction of the digital divide, from an existing computer circuit.

Social benefits:

- Encourage the culture of reuse
- Unveil the Circular Economy
- Encourage digital inclusion
- Promote resources open and free
- Encourage responsible consumption
- Creating a local, social and solidarity economy

Learnings

From which performance it is possible to recirculate electronic devices?

At the moment, of the 924 electronic devices donated by Barcelona City Council, XXX have been reused.

- Devices with processors above Intel3, as well as laptops, have a recirculation rate of 100%.
- In the other hand, low-performance computers are difficult to recirculate. New solutions, such as virtualization, need to be implemented.
- It is not possible to reuse our network material (switchos and routers) using free software
- The platform is still developing the technologies to trace mobile phones.

**Thank you very
much**



**Ajuntament
de Barcelona**