

### Description

The Electronic Reuse federation works to empower and engage people around the world to create local communities which bootstrap reuse and guarantee final recycling. We are a project under Pangea.org, a private, independent non-profit organization founded in 1993 to promote the strategic use of ICT. Our members are local groups, business and organizations with the goal to extend the lifetime of products through repair, refurbish, and reuse. We develop and share open-source resources and traceability data to ensure any refurbished asset is finally recycled (even at component level). In our opinion, this is the only way to persuade governments to prioritize reuse over recycling. Our partners are international groups that promote social awareness about the social and environmental impact of electronics, zero waste, circular economy, fair electronics, the right to repair, the reduction of the digital divide, and social inclusion. We have been supported by EU Projects Chest #611333 and TagItSmart.eu #688061.

### Offer

Education & Training / Insights & Analysis / Coaching / Licencing

**CONTACT**

### ORGANIZATION ACTIVITIES:

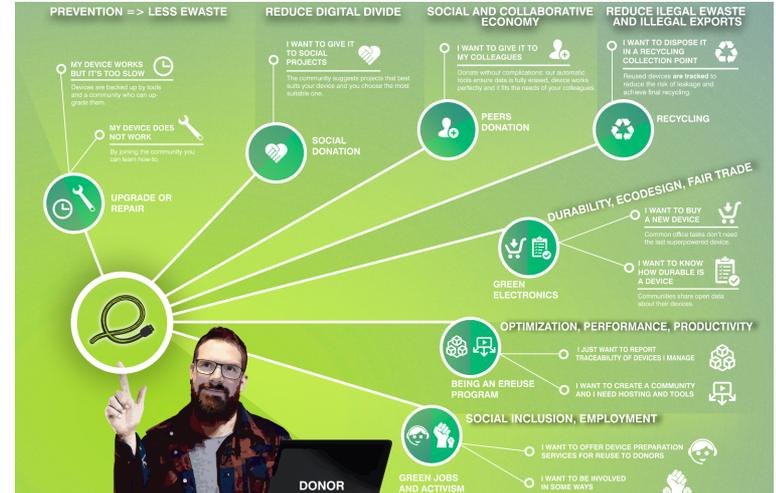
Coordination in the development of open-source resources

Systemic design of reuse circuits

Certification of circular economy platforms and entities

Global recording of chain of custody data until final recycling

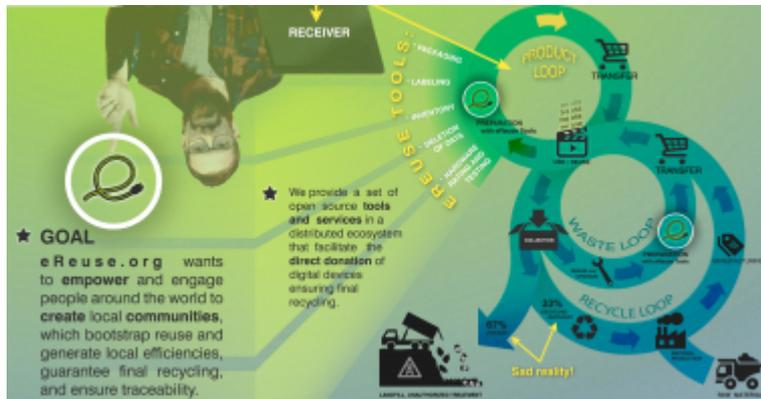
Research & Analysis



# Traceability and quality for the reuse of electronic devices

## Circular Economy

Barcelona



### The Challenge

Most devices from business and public administration are discarded when considered amortized, and although they still have a value for use and are suitable for reuse, they are scrapped (recycled), or illegally exported to other countries via informal reuse circuits. Reuse is an effective way to develop the circular economy, strengthen the creation of local employment, prevent the generation of waste, and reduce the digital divide. The positive aspects of reuse are well understood, but without a quality and traceability standard we can not generate confidence in consumption of used products or ensure recycling after reuse.

### Actions

eReuse partners and members are advising governments to prioritize reuse over recycling through the creation of formal reuse circuits that offer traceability until recycling. We continuously support our members to put in value what they do and be able to measure the social, environmental and economic impact of their work. We coordinate the development of open-source resources such as refurbishment tools, asset management and traceability systems, self-certification mechanisms for quality and circularity standards, good practices and case studies.

**8+ counties involved in reuse**

**10.000 devices reported last year**

**more that 10 open source projects**

**22.680 units of computation created per year**

**90% of reused components are collected**

### Partner (partial)



### Members (partial)

