

What next? (for those in tech)

For software: Learn more about software updates, obsolescence and backwards compatibility:

- [Repair and Software: Updates, Obsolescence, and Mobile Culture's Operating Systems](#), Discard Studies
- [Device sustainability through long-term software support](#), Privacy International
- [Sustainable software products—Towards assessment criteria for resource and energy efficiency](#), Future Generation Computer Systems
- Green Mode Design & Graceful Degradation, [LOCOS Seminar #16](#)

Software considerations: Software support and performance affects the obsolescence of hardware.

- How long software should last? How long should hardware last?
- What types of devices do our users have? How will the software perform?
- How do we code and test for backwards compatibility?

For hardware: Look into clean supply chain initiatives, e-waste, and e-waste recycling:

- [GoodElectronics](#)
- [Responsible Sourcing Network](#), minerals program

What next? (for everyone)

Civic action:

Participate in the right to repair movement so that we can make our devices last as long as possible:

- [Repair Association](#) (US)
- [Right to Repair](#) (EU)

Local action:

Find out if there are any mines near you and community groups that you can join.

Get involved with projects that support citizen science, like [KoboToolbox](#).

Consumer action:

If repairing isn't an option, buy refurbished or second-hand when possible.

When shopping for a new device, ask customer service if the device is ethically produced and free from conflict minerals. They may not be able to answer, but it will send a signal to the company that customers are aware of unfair practices in the supply chain.