The fairphone project

The fairest phone for the city council of Sant Cugat (Barcelona)

- We started this project from an internal city town environmental program called “***Ho fem pel medi ambient”***

- It is motivated to reduce and control mobile devices social and environmental impacts throughout their life cycle

- We want to show that we can do it differently , **we can do it well**

The alternative: a mobile phone that ensures the entire lifecycle

- raw materials **free of conflict** and guarantee of human rights
- manufacturing process guarantees **the rights of workers**
- **long life devices** reducing waste and extraction of raw materials
- correct treatment when the phone becomes a waste : **circular economy**
- **301 active mobile devices** → **1 year usable life**

The city council of **Sant Cugat del Vallès** in Barcelona, is considering a **new project on GPP** with the acquisition of mobile devices produced with an ethical, social and environmental commitment. This represents a great challenge for the city when considering the strict legal GPP supply specifications we face with **the purchase of 250 devices with very strong social and environmental commitments.**

The study points to be completed or solved are:

1. It should be assessed how we enforce safeguards in the different processes lifecycle of mobiles production without limiting the public concurrence to the content.

2. How to preorder phones online prior to manufacturing, while avoiding current public procurement laws.

3. How to verify the compliance with social and environmental technical criteria for those providers in terms of manufacturing (conflict-free minerals, security and fair wages for manufacturing workers...). Authenticity and presentation of guarantees, certificates, compliance with specific standards.

We have to consider whether we can set a GPP content as a **mandatory award criterion scoring**, or GPP is **a reserved hiring or restricted to providers** with the next criteria:

a. Producers who are obtaining materials and manufacturing phones with conflict-free minerals.

a. Manufacturers that want to invest in employee wellbeing controlling safety conditions and fair wages for workers.

a. Control of the entire life cycle assessment of the cell, including the use, reuse and recycling insured within the EU.

The fairphone project in process:

- Writing technical report to start a pilot project with ten Fairphone mobile devices

- Preparation of mobile service specifications and data management which ends on 06/06/2016 .

- Informative campaign addressed to the public/students to explain what we are doing at the City Hall

FAIRPHONE

If you cannot open your phone, then it's not yours

Fairphone **is a smartphone which has been designed to be respectful with all environmental sources and human rights.**

- **Conflict-free tin and tantallum.**

- **Funding projects to improve worker wellbeing.**

Fairphone’s strenghts

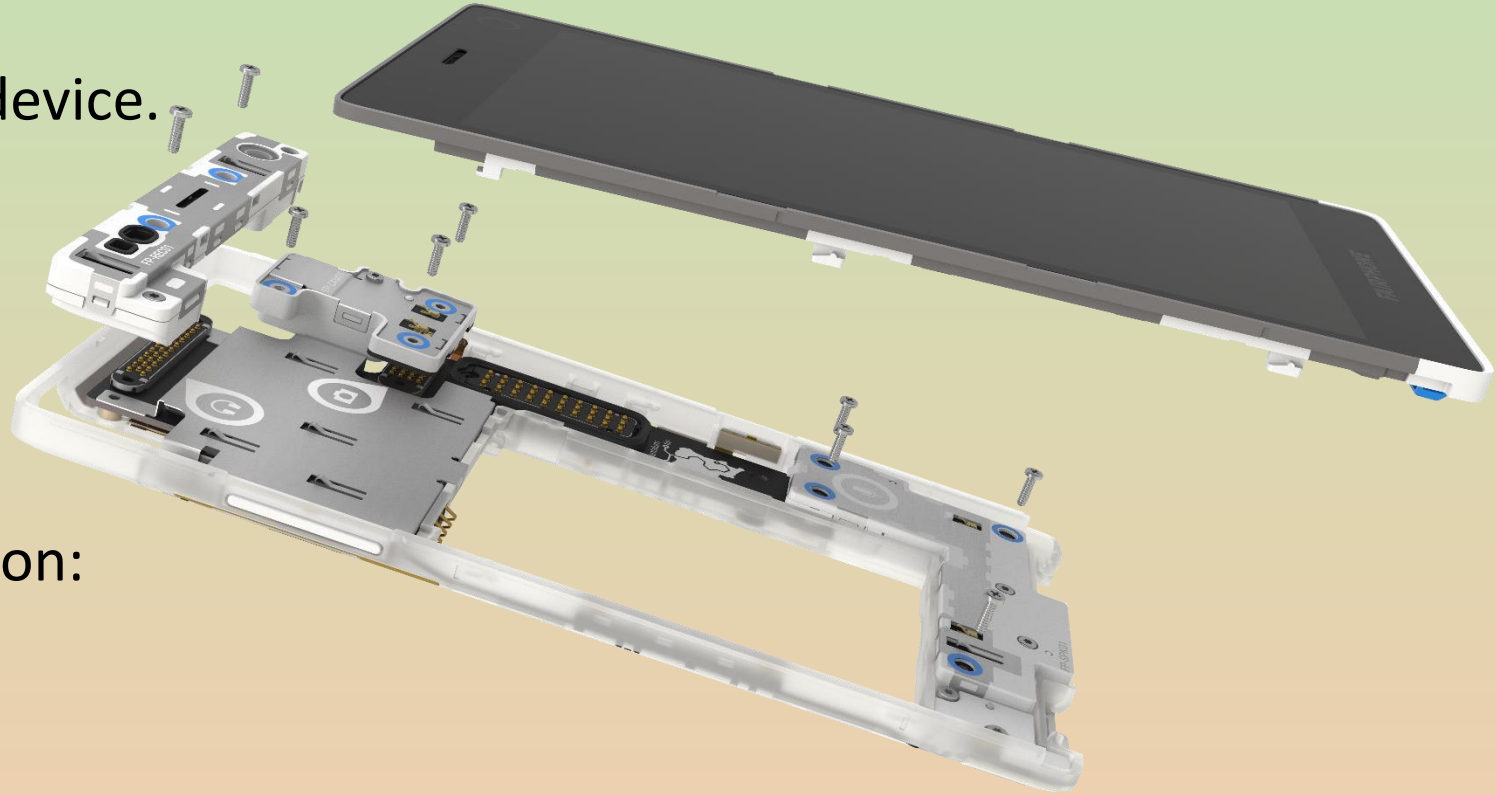
- **Transparency.** Detailed cost breakdown of the smartphone.
- **B Corp Certification**. This certification highlights companies that consider the impact of their decisions not only on their shareholders, but also on their stakeholders, including workers, suppliers, community, consumers, and the environment.
- **Closing the Loop**. Providing an economic aid to the authority which is recycling old devices in Ghana.
- **Extend the smartphone’s longevity**, from influencing the lifespan to increasing repairability.
- **Recycling and reusing**. Fairphone promotes reusing stuff like headsets and chargers.

Device’s strenghts

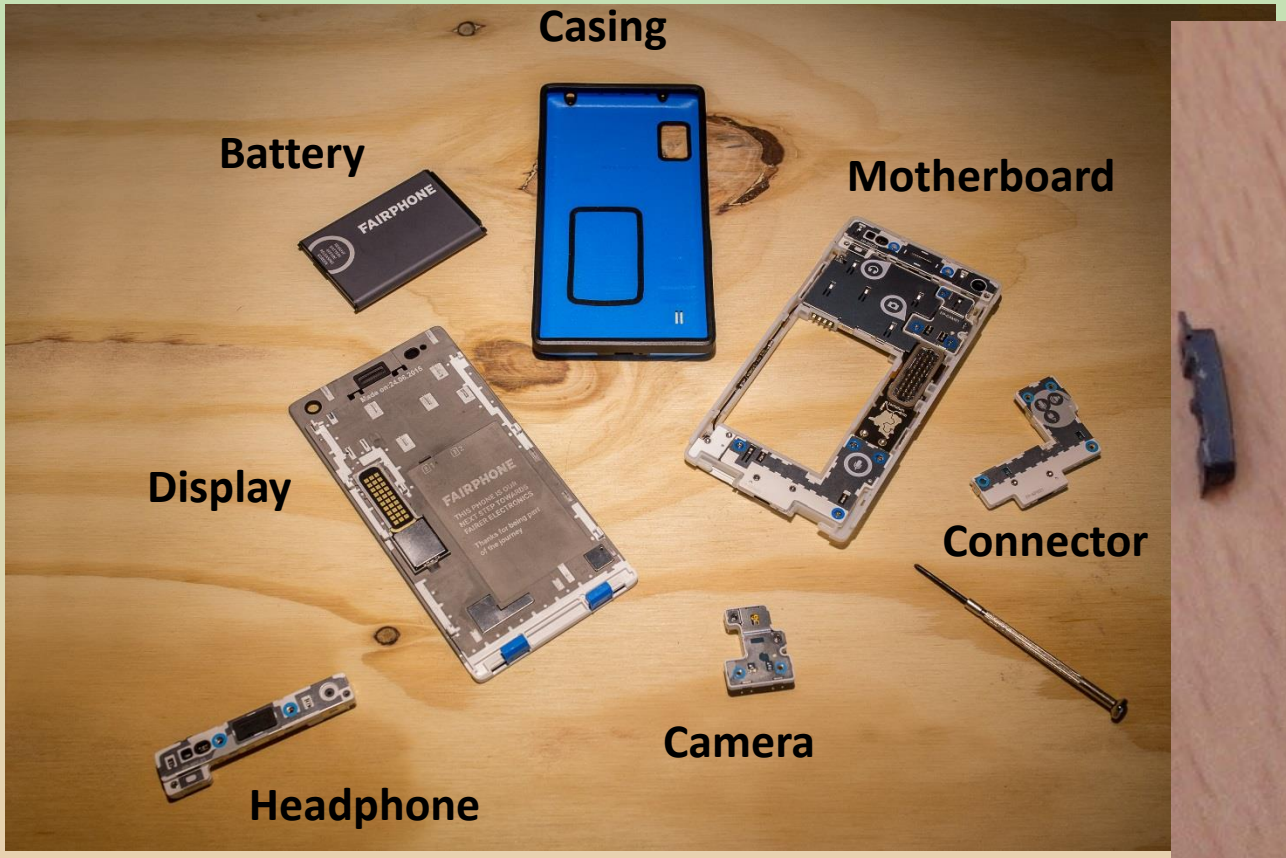
- **Self-repair.** It’s easy to open and understand, with removables components.
- **Replaceable battery**. Easy battery changing for a longer life of the device.
- **Dual SIM**. Capability to insert 2 SIM cards; work and social life in just 1 device.
- **Memory expansion.** Via memory cards (SDHC, SDXC o UHS).
- **Root access**. Capability to change and update the software installed.
- **Space for other units**. Possibility to add other units, as NFC.
- **Protective case**. Protective case built-in.

Reparability

- Less raw materials extraction.
- Extend the usable life of the device.
- Less waste generation.
- Cost savings.
- Material required for reparation:
  - Screwdriver
  - Tweezers

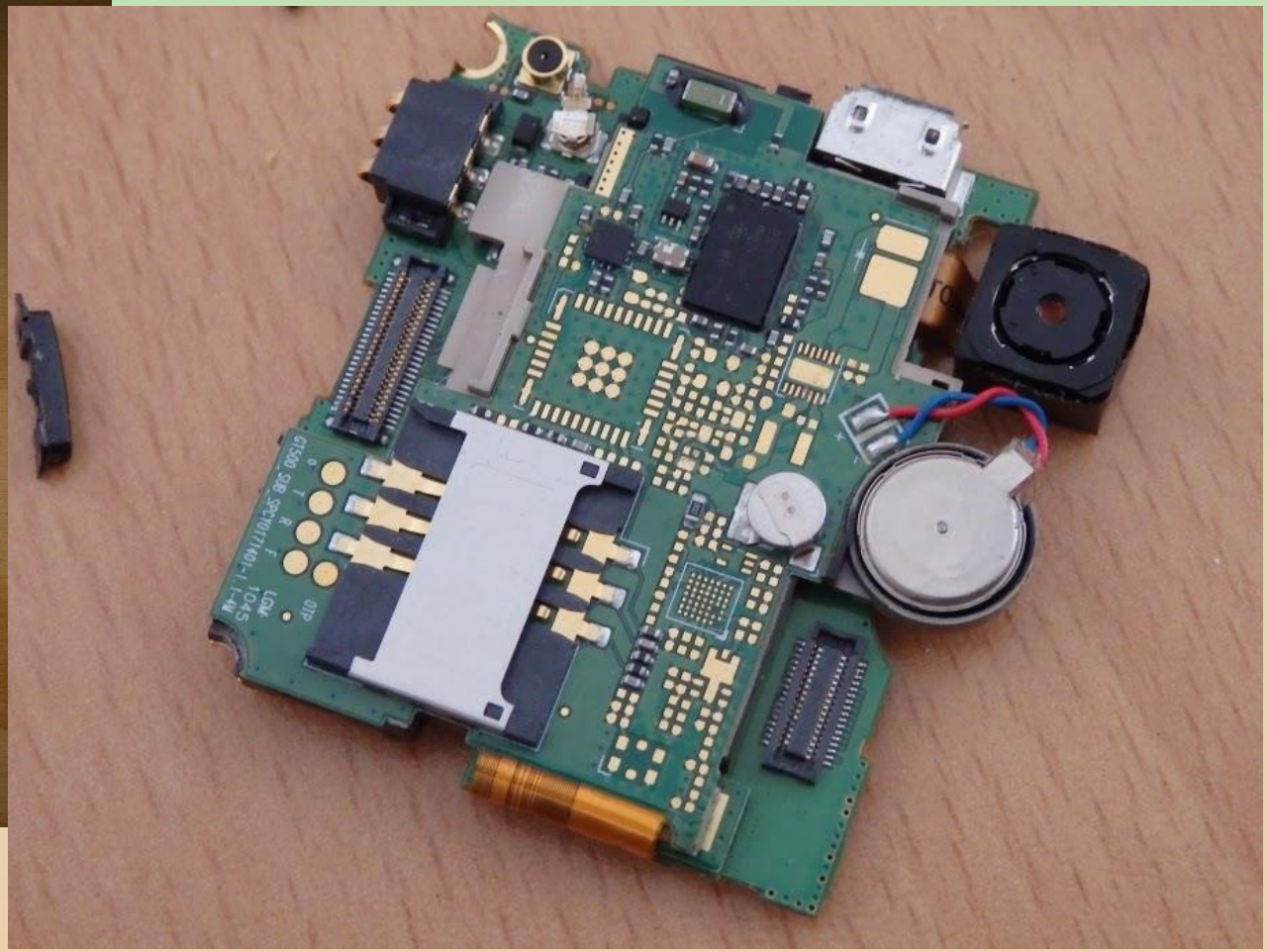


Fairphone



7 different elements in Fairphone's device with an easy access to repair yourself

Other devices



All in one database and cables around that you have to brake to get into the phone

Fairphone website < www.fairphone.com >

City council Presentation of the fairphone project:

https://prezi.com/7e9lqlb4tj-5/el-mon-dels-mobils/

thanks!!!

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