



**restart** 

**Right to Repair - how do we fix the system?**



**A universal right to repair**



# THE MOST ETHICAL MOBILE

The one you already have

# EMBODIED WATER + CO<sub>2</sub>

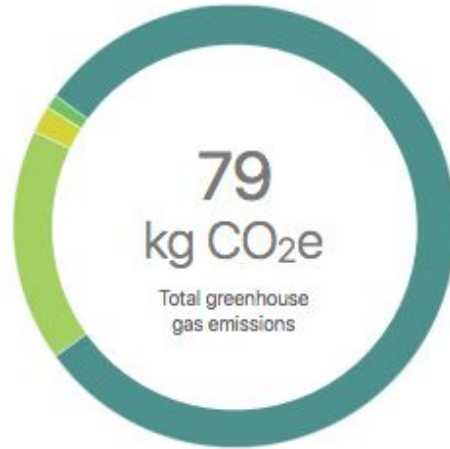
In our devices



## Greenhouse Gas Emissions for iPhone X—64GB model



Date introduced  
September 12, 2017



- 80% Production
- 17% Customer use
- 2% Transport
- 1% Recycling

ZONE  
30

80  
→

MM  
→

IN A  
DISPOSABLE  
SOCIETY  
TO REPAIR  
IS  
TO REBEL

Commission europ  
Europese Commiss

**SAY YES!**  
**TO REPAIR**



#RightToRepair

ECOS EEB IFIXIT 3 REPAIR REPAIR REPAIR restart reuse



**NO ECODESIGN  
WITHOUT REPAIR**



# R2R IN EUROPE

## What does it mean?



### Good design



Product should be designed to last and be repaired when needed.

### Fair access



Repair should be accessible, affordable and mainstream: repairing a product shouldn't cost more than buying a new one and everyone should have access to spare parts and repair information for the entire life of a product.

### Informed consumers



People should have the right to know at the point of purchase if a product is built to be repaired or destined to be disposable.

**repair.eu**

# R2R EUROPE MILESTONES

## EU POLICY

- New battery regulation: more user-replaceability & ban on software pairing
- New smartphone regulations: longer software & hardware support for future devices
- End of “voluntary agreements” by manufacturers for printers

## ENGAGEMENT

- Fifixest 2022
- Protests and stunts in Brussels
- Media attention and public recognition





# R2R IN EUROPE TODAY

## CIRCULAR ECONOMY PACKAGES

Batteries

Smartphones

Ecodesign framework

Consumer legislation

## RIGHT TO REPAIR CONSUMER PROPOSAL

In March 2023, the Commission published a weak proposal for new rules on the Right to Repair.

We are working hard to get the EU Parliament to add stronger provisions tackling universal access to spare parts, affordability of repair and the ban of anti-repair practices.

[READ OUR REACTION TO THE PROPOSAL](#)



**THIS IS JUST THE BEGINNING**







# RIGHT TO REPAIR



NOT ACCESSIBLE. NOT  
AFFORDABLE. NOT MAINSTREAM,  
YET: THE NEW EU RIGHT  
TO REPAIR PROPOSAL



# R2R PROPOSAL **What's missing ?**



## A universal right to repair

- Access to spare parts, repair info and software updates for all product categories during the entire lifetime of products
- Ban on anti-repair practices (such as software pairing)

## Affordable repairs

- Via an open repair market for independent providers
- Recognition of compatible spare parts
- Financial incentives for repair



# REPAIR WINS IN THE EU BATTERY DIRECTIVE!



**RIGHT TO  
REPAIR**

**Batteries in new devices  
will be user-replaceable  
from 2026 - with some  
exemptions**

THE GOOD;

THE BAD

&

THE UGLY.





## Climate ambition

Overall the proposed measures are anticipated to deliver a 33% reduction in the life cycle primary energy consumption energy use from phones and tablets (including production). Given the EU has a climate target to reduce emission by 55% by 2030, the proposals should be more ambitious.



## OS updates



Free operating system updates should be available; for functions for only 3 years and for security for 5 years after the device is taken off the market.



## Repair authorisation

Parts pairing is permitted and users may need to notify manufacturers to authorise some repairs by professionals. However, parts pairing creates an unnecessary barrier to repair, any authorisation of repairs should be the choice of users rather than manufacturers.





## INFORMATION AND FAIRNESS ON SPARE PART PRICE

The **price of spare parts** is a key factor in users' choice of whether to repair or replace a smartphone. It is also one of the most important features of the French repair index.

**Omitting price as a criteria for the European repair index makes it unfit for purpose.**



**The repair index:  
step forward or  
missed opportunity?**

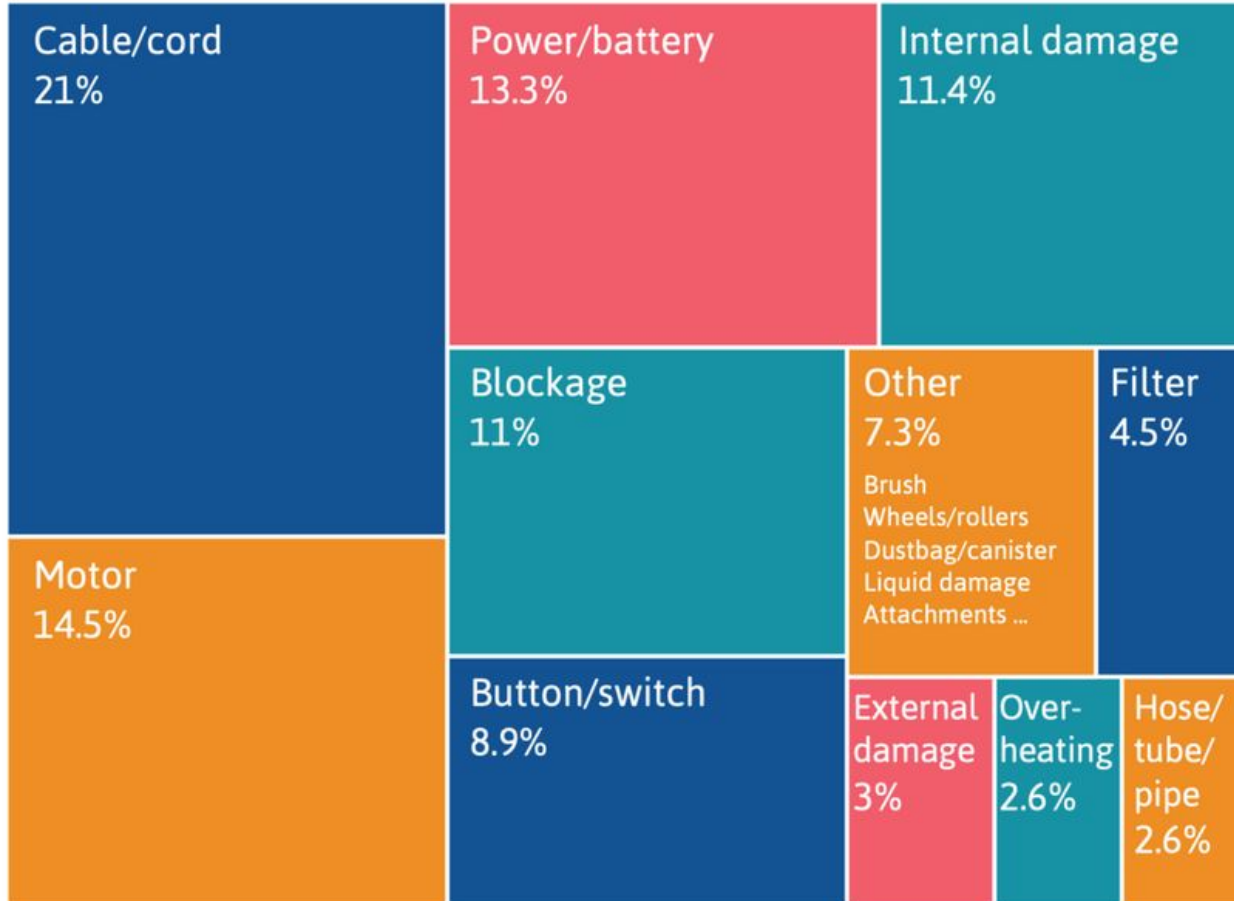
**With partners we have collected data on barriers to repair - on almost 100,000 repairs**

Handwritten notes on repair barriers:

- RUNNING SLOWLY
- Motor has blown
- DOESN'T WORK..
- BROKEN NEEDLE
- DRILL BIT STUCK
- NOT WORKING / TURN ON
- NOT WORKING / TURN ON
- KGYS JAMMED

Other notes include: "LAPTOP (HAC) NO YES RADIO", "BASED HOOPER - PRO PARQUET", "TABLE LAMP", "BROKEN SEWING MACHINE (SINGER)", "SMALL DRILL BIT", "HOLE SIZED DETL FEASIBLES. 540.", "GENERAL MOLLINEX 1040", "MODERN PICAL CALCULATOR", "BROKEN", "REPLACEMENT needed", "PARTS REACHED", "MAY COME BACK", "WASHER", "NOT ABLE TO SPRAY", "WIRE WING", "WILL DO WHOLE IN PLY", "AT HOME", "KETY SPRAY".

# Most common vacuum cleaner faults

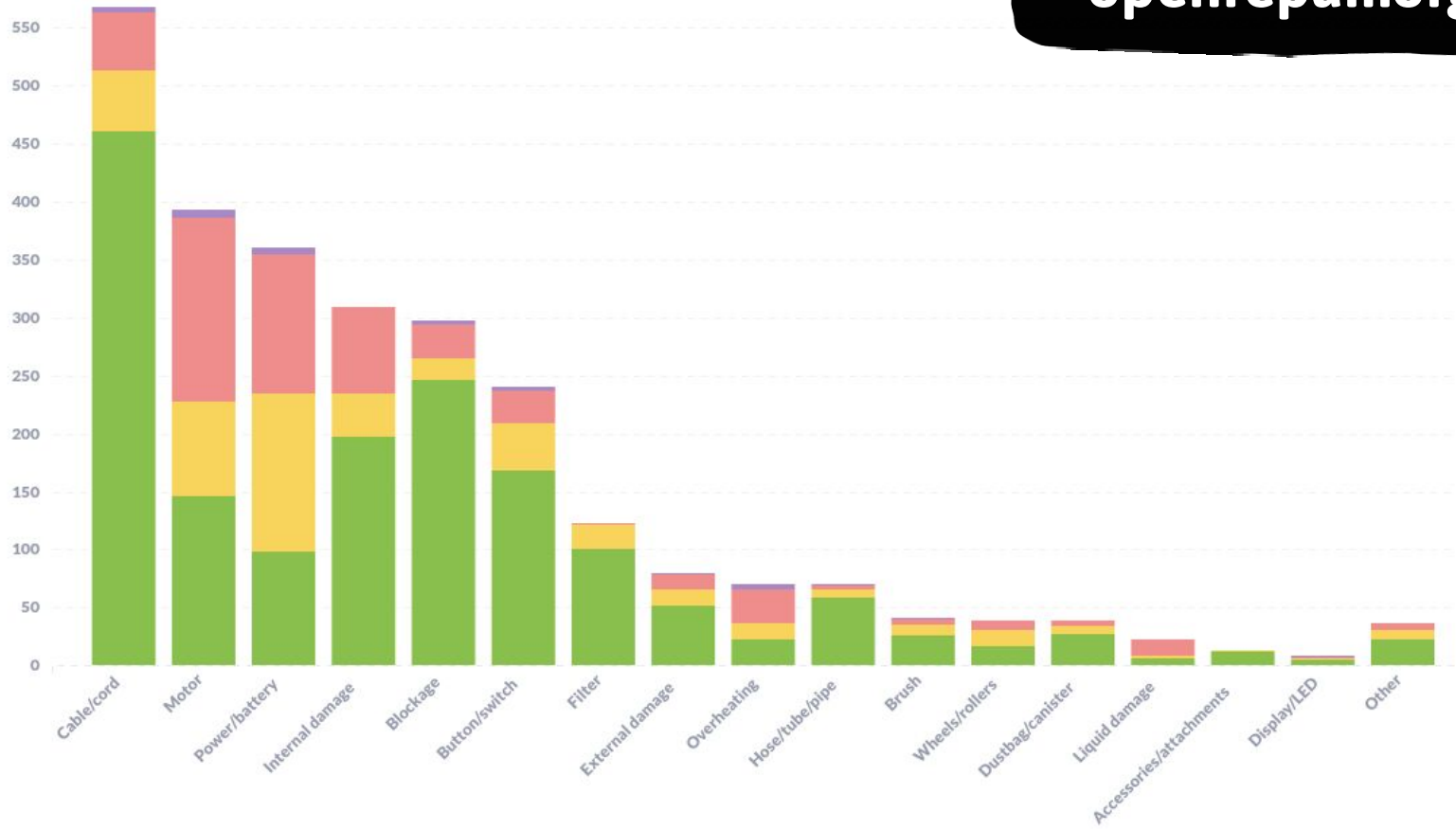


**Data is essential!**



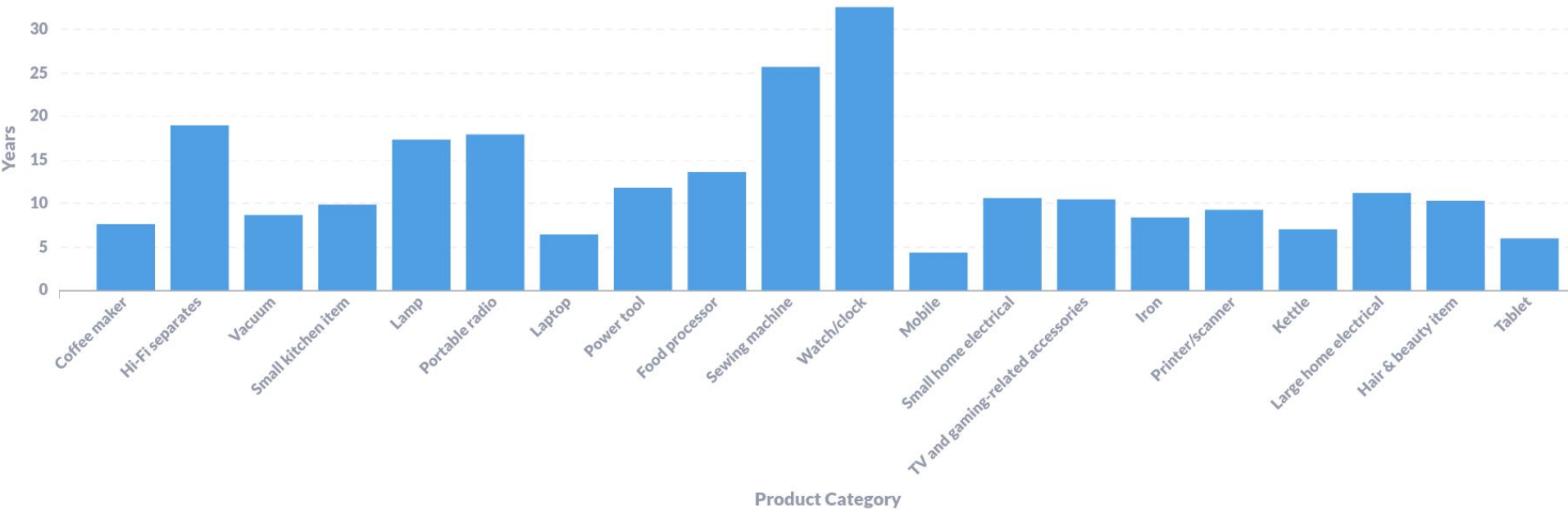
# Vacuum fault types and repair status

Fixed Repairable End of life Unknown

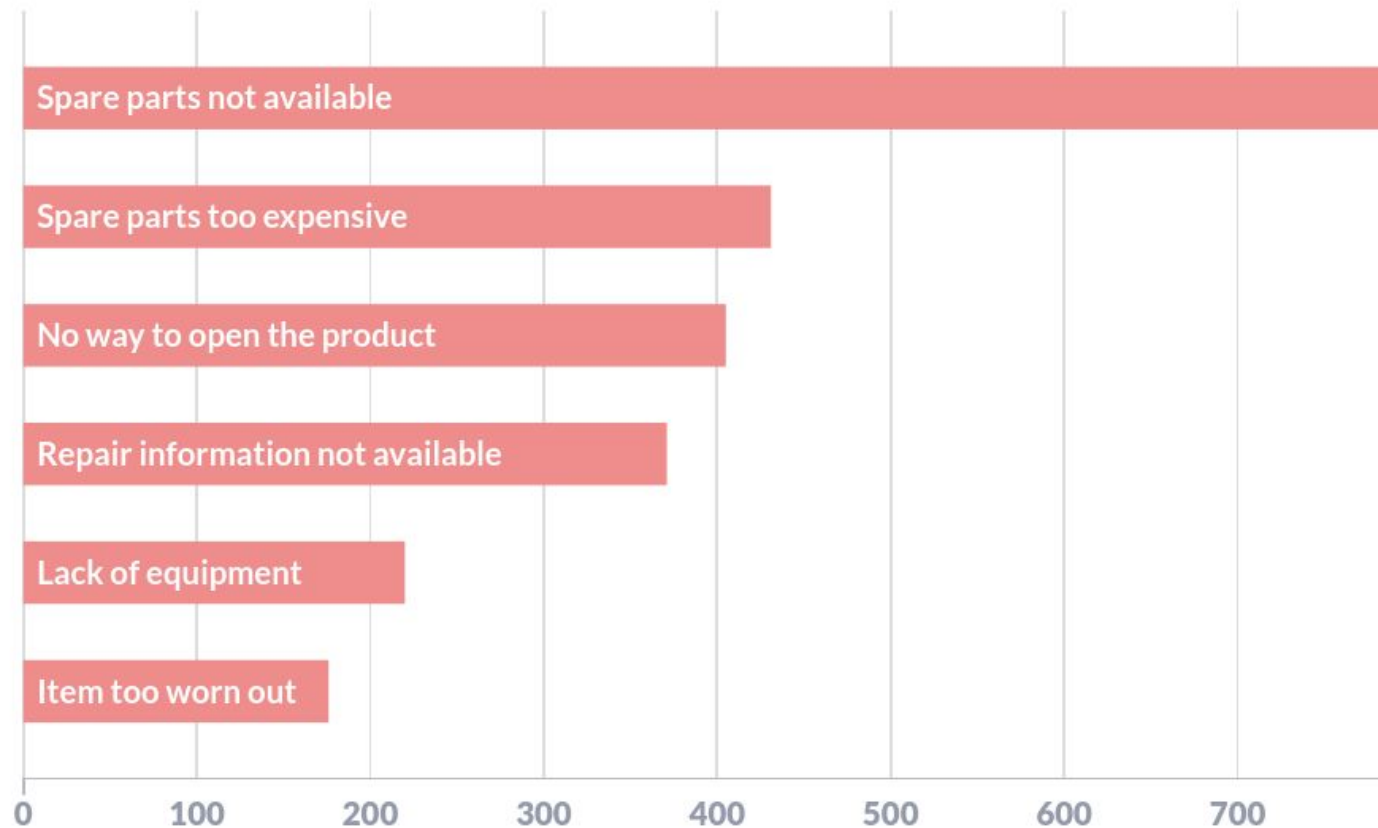


# People want to extend the life of their products

Average age of products at community repair events



# Repair barriers for unrepairable devices at community events



**Key gaps in**

**right to repair**

**Affordability of repair  
Long-term software support  
Software barriers (part pairing)**

**are largely unaddressed**



I FIXED  
THIS! 😊



**restart**



restartproject

ugo@therestartproject.org

therestartproject.org