UNBLACK THE BOX!

WHAT ARE THE COMPONENTS IN YOUR PHONE?



Dare to crack the mobile phone open. Be creative.	Do not start disassembling when the battery is charged.
Use the mobile phones provided in the workshop only.	Don't screw around with a private mobile phone.
Check if the battery is empty by trying to switch on the phone.	Don't give up until you've tried different options.

hair dryer

The hair dryer helps you with sticky areas.

suction cup

The suction cup helps you to lift the screen.

magnetic screw mat

You can use the magnetic mat to collect the small screws.



lever tool

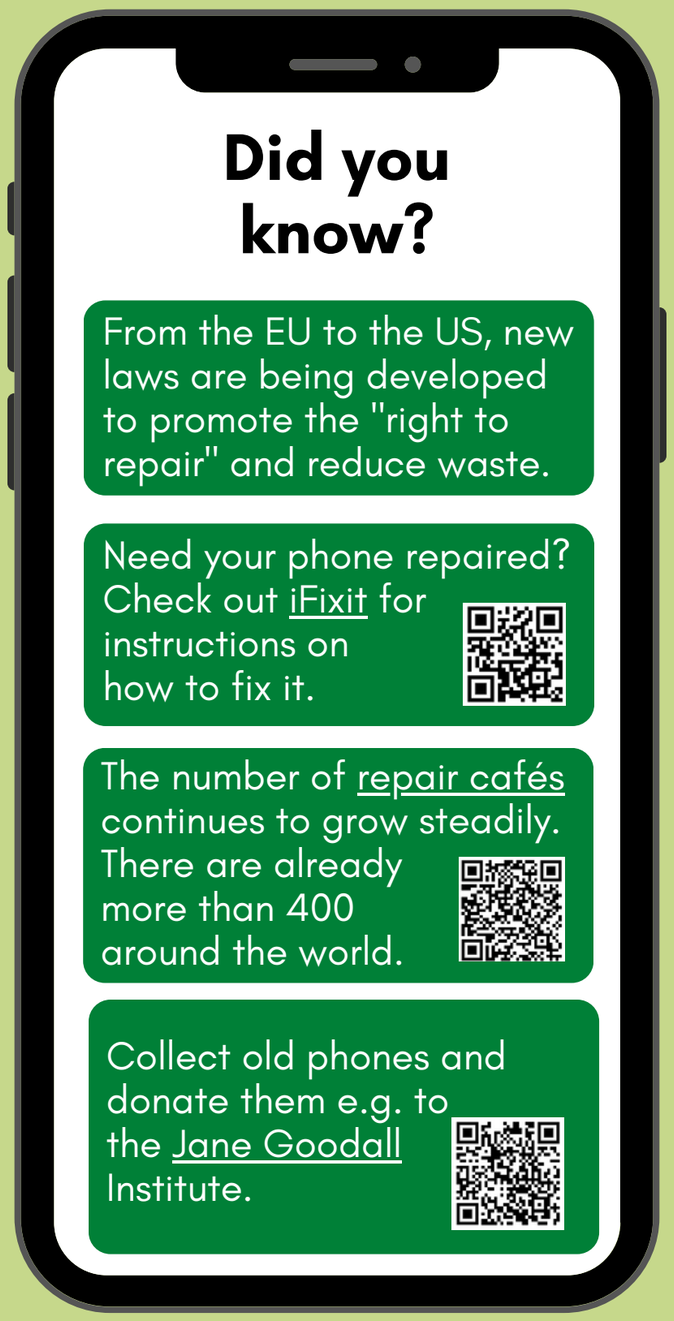
Use this to loosen and open stuck areas. If the glue does not come off, blow it out with a hair dryer.

lever tool

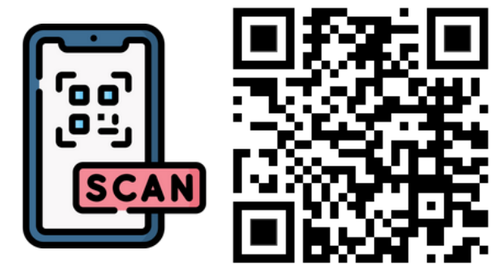
This tool also helps you to prise open parts of the unit.

screwdriver

Use a suitable 0.8 mm screwdriver to open the star-shaped screws.



HOW TO DISASSEMBLE A SMARTPHONE!



1. Get ready.

First read through the Do's and Don'ts. Prepare the tools you need. Make sure you have enough space and prepare a magnetic screwdriver mat on which you can collect the small parts. Choose a phone that you want to disassemble.

2. Examine the smartphone.

Remove all superficial things such as the phone cover or the protective film.

3. Use tools for disassembling the phone.

Try to find the SIM card and the battery. Use the tools shown to remove them. Try out which screwdrivers you need to open the phone.

4. Open the phone.

Attach the suction cup to the display or the back of the phone. Lift the suction cup firmly. In addition, use the lever tools by pushing them between the housing and the display of the phone.

5. Srcews, screws, screws ...

Find the right screwdrivers to unscrew as many parts inside your phone as possible.

GOOD LUCK!!!



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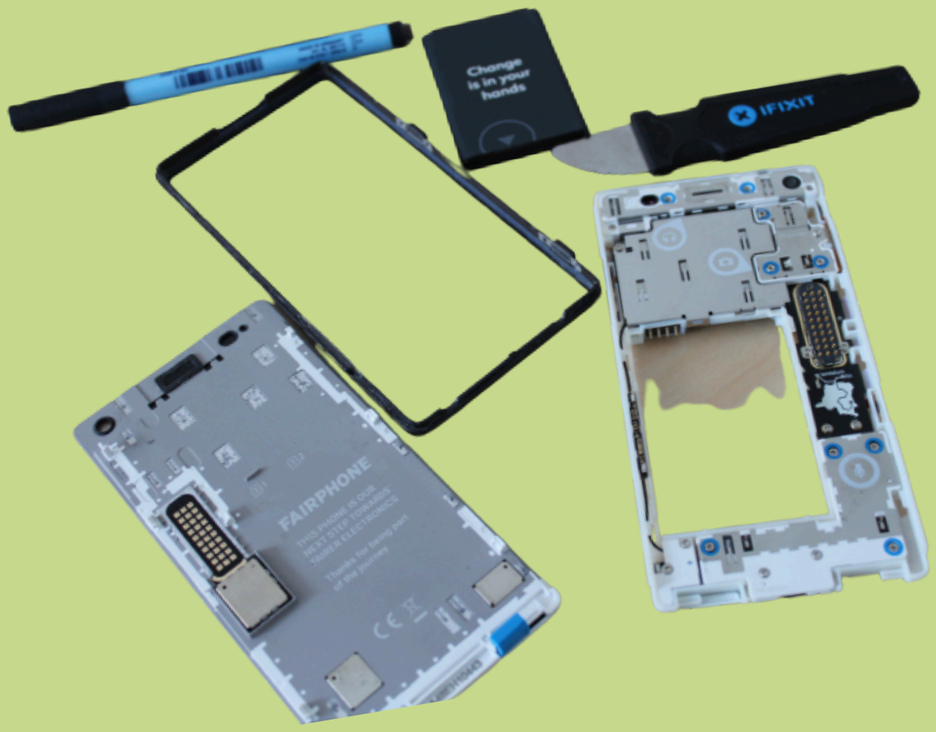


Disassembling a Fairphone

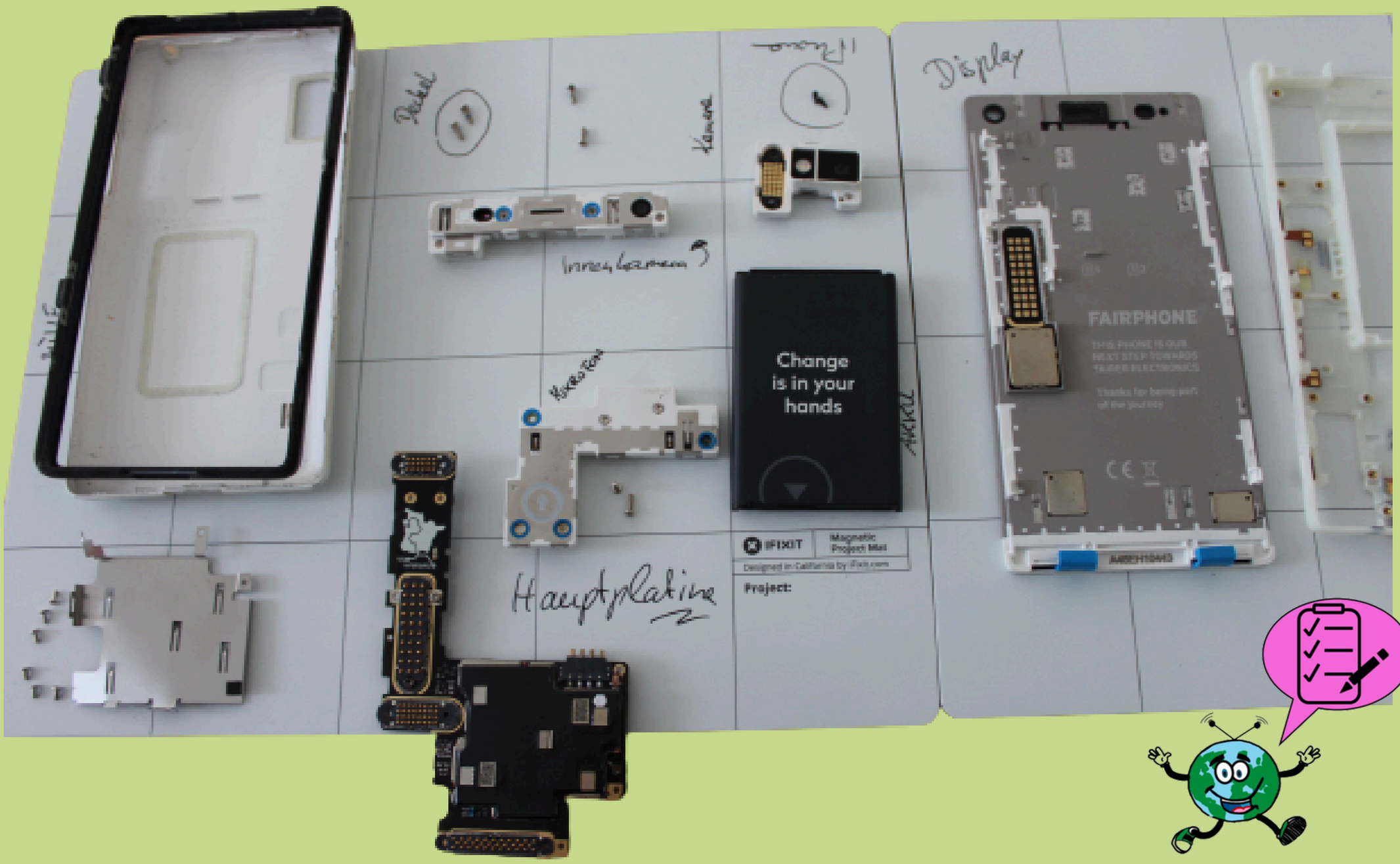


Fairphone
Urban
Mining

video



Look at the phone parts and try to name them. What parts of a phone can you identify?



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