

### Appendix 3: **Material and tool list for establishment of the Repair Café**

The list is divided into different areas; boxes, tool bags and thing to put in boxes / bags:

**Boxes** – Regular boxes measuring 16 x 23.5 x 34. Available in several colors. Recommended to use different colors for different areas. Beneath the boxes should be a label indicating which box goes in which location. This makes it easy to find and clean up.



Estimated that 30 boxes are needed.

### **Tool bags**

It is easiest if most tools are placed in three different tool bags for different purposes. These are available in different fabrics.



## Items for the boxes

### Sewing

1. Sewing Machine
  - a. Needles
  - b. Bobbin spools
  - c. Oil
2. Sewing
  - a. Sewing needles for hand sewing
  - b. Scissors
  - c. Unstitcher
  - d. Pins
  - e. Wedge point needle / Leather needle
  - f. Mending tools
3. Buttons and zippers
4. Fabric leftovers

### Electronics

5. Lot / weight (maybe two?)
  - a. Soldering iron
  - b. Solder
  - c. Metal sponge for cleaning
  - d. Tin sucker and tin sucking thread
6. Measuring instrument (maybe two?)
  - a. Multimeter
  - b. Misc. test wiresKrympflex, misc. sizes
7. Fuses and batteries
  - a. Misc. Fin fuses
  - b. Misc. batteries
8. Electronic cleaner and lubricate
  - a. Contactspray
9. Misc. wires
10. Laboratory power supply (0-30V 5A)
11. 220V
  - a. Manifolds
  - b. Sockets
  - c. Plugs

### Smartphone

12. Tools
  - a. iFixit Pro Tech Toolkit (maybe x 2)
  - b. iFixit magnet plates (maybe x 2)
13. Magnifier

- a. Microscope of magnifier glass with light

### Bike

14. Patch materials
15. Cables
  - a. For brakes
  - b. For gear
16. Lubrications
  - a. Chain spray
  - b. Spray lubricant
  - c. Grease

### Miscellaneous

17. Cleaning fluid
  - a. Sprit
  - b. Isopropyl alcohol
  - c. Acetone
  - d. Mineral turpentine
18. Cleaner
  - a. Ear cleaner
  - b. Napkins
  - c. Lint free cloths
19. Cutting
  - a. Scissors
  - b. Hobby knife
  - c. Scalpel
20. Tape – Misc.
21. Glue
  - a. Sekund
  - b. Epoxy
  - c. Wood glue
  - d. Glass glue
  - e. Metal glue
  - f. Rubber glue
  - g. Sugru
22. Strips – Misc.
23. Gloves
  - a. Latex
  - b. Work gloves

### Wood / Metal

24. Wood screws
25. Bolts and nuts
26. Sandpaper
27. Pop rivets and pliers
28. Dremel toolset

## Items the tool bags

### Bike

- Wrenches 6-19mm
- Screwdrivers PZ and PH
- Torx
- Umbraco
- crank remover
- Chain seperator
- Plastic hammer
- Cable tongs
- Pliers
- ¼" set of socket wrench

### Metal tools

- Wrenches 6-19mm
- Screwdrivers PZ og PH
- Torx
- Umbraco
- Different type of pliers
- File
- Calipers
- Hammer
- Water pump pliers

- Mandrel
- ½" socket wrench
- ¼" socket wrench
- Hacksaw

### Electronics

- Wrenches PZ og PH
- Torx
- Special pliers, big and small
- Pointed pliers
- Stripping pliers

### Miscellaneous

- Sewing machine (maybe 2)
- Vice
- Bicycle stand (holder)
- Tent 3x3m
- Tables
- Chairs
- Lamps (architect)
- Extension cords with sockets
- Angle grinder
- Hot air gun