

# CIRCULAR DESIGN PRINCIPLES

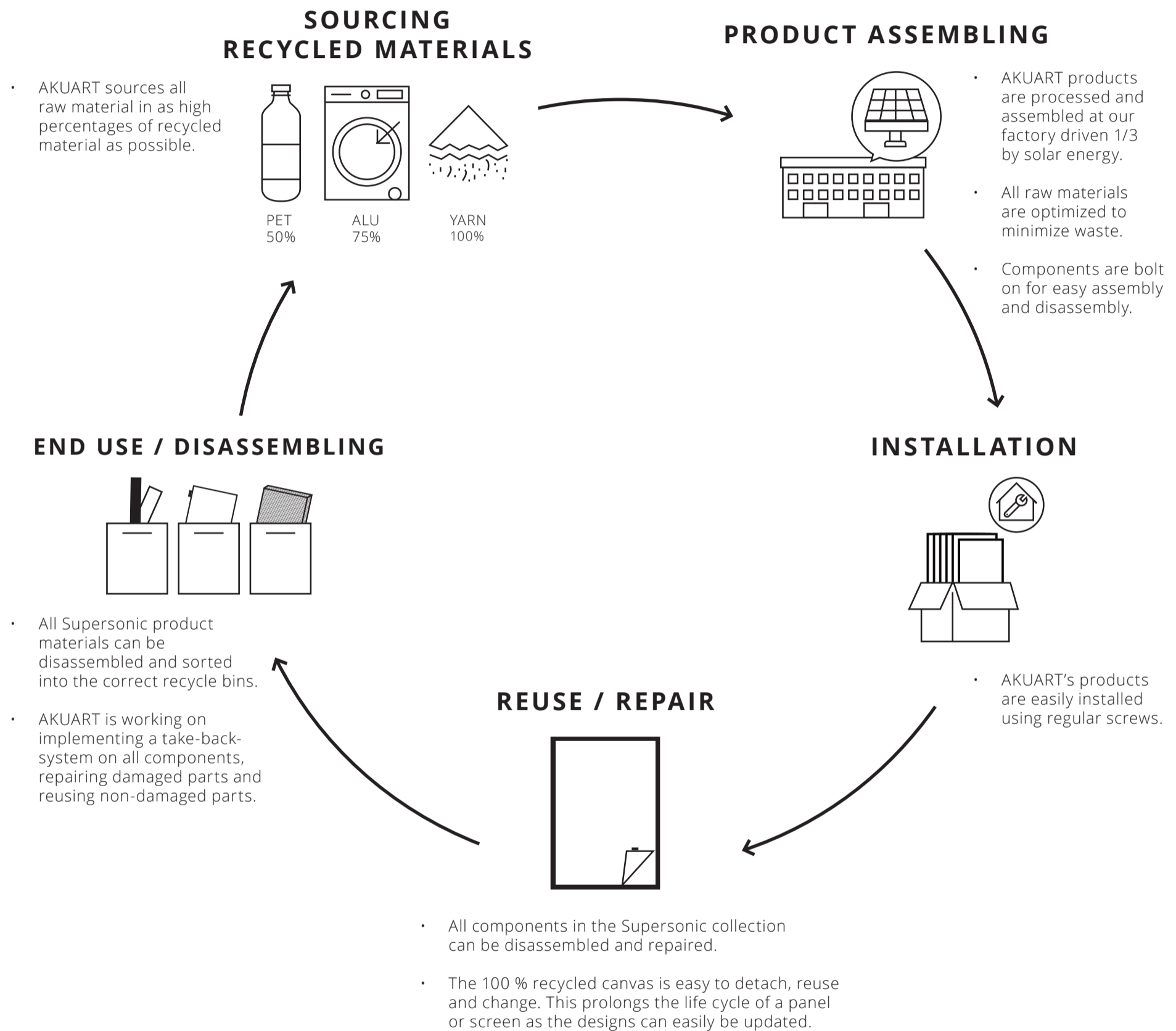
REDUCE / REUSE / REPAIR /  
RECYCLE / REMANUFACTURE

AKUART®

## DESIGN FOR DISASSEMBLY

REDUCE — REUSE — REPAIR — RECYCLE — REMANUFACTURE

For our newest acoustic collection Supersonic we have incorporated the concept of designing for disassembly as fundamental principles that inform decisions and material choices. This guides us towards circularity and designing out waste by examining the supply chain in reverse and choosing components with similar life span, ensuring that products can be maintained, that parts can be recycled and replaced – and finally making disassembly and sorting uncomplicated and worthwhile.



## MATERIAL TRANSPARENCY

With the Supersonic collection, we have managed to create a product range with a clean and functional design, made from the most sustainable components with the largest amount of recycled material available on the market:

- Aluminum frame consisting of 75% upcycled aluminum scrap, which can be fully recycled after use
- Canvases made from 100% recycled polyester fibers.
- Sound absorber made with 50% fiber from plastic bottles recycled in Europe.

In addition, in collaboration with the product life cycle screening company Målbar, we have calculated the full CO2 footprint for each individual product in the entire collection - for example, a 100x100cm Supersonic wall panel emits 72 Kg Co2-e.

**Ambitious Climate Goals – working with the UN SDGs.**

