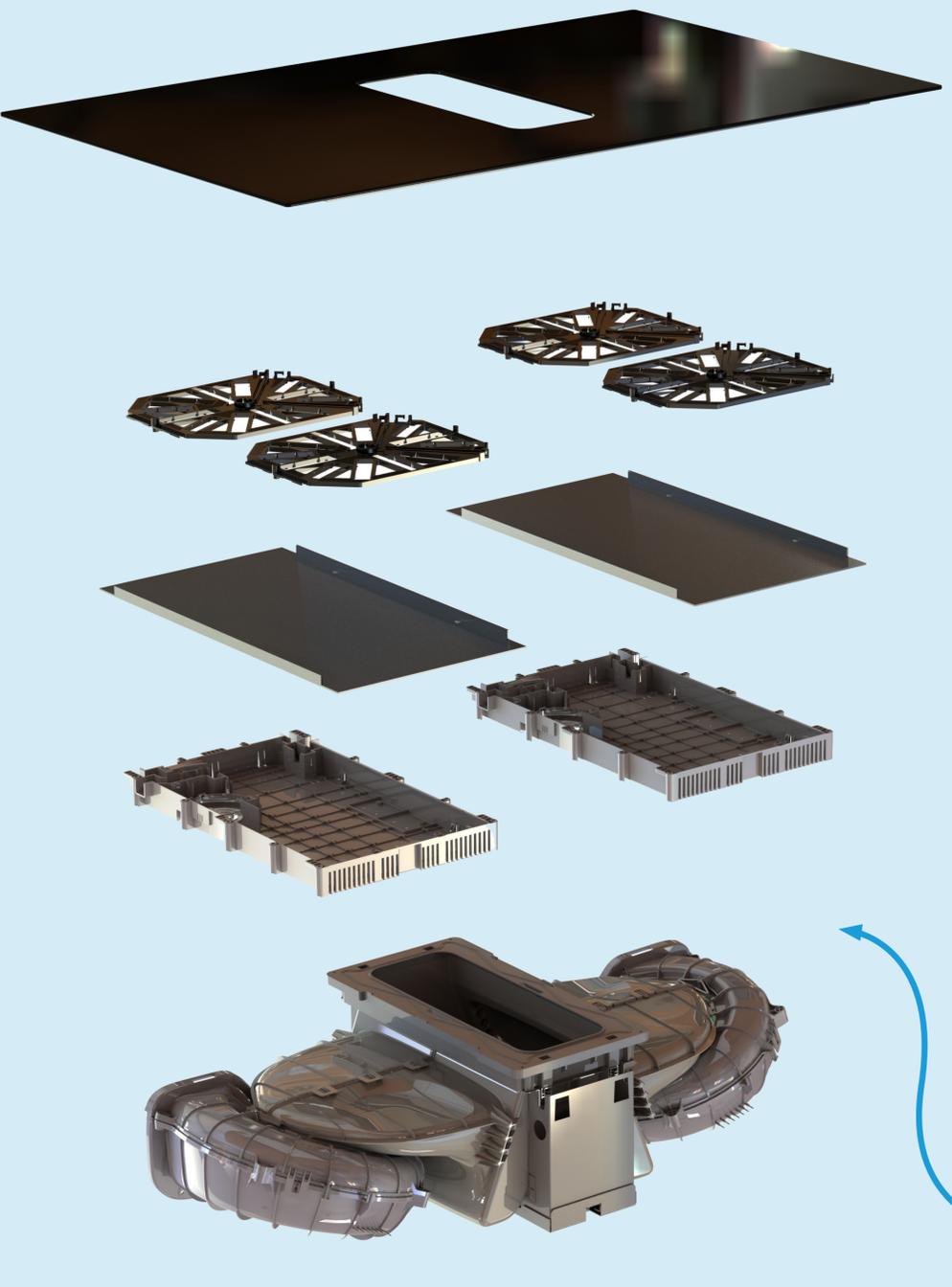
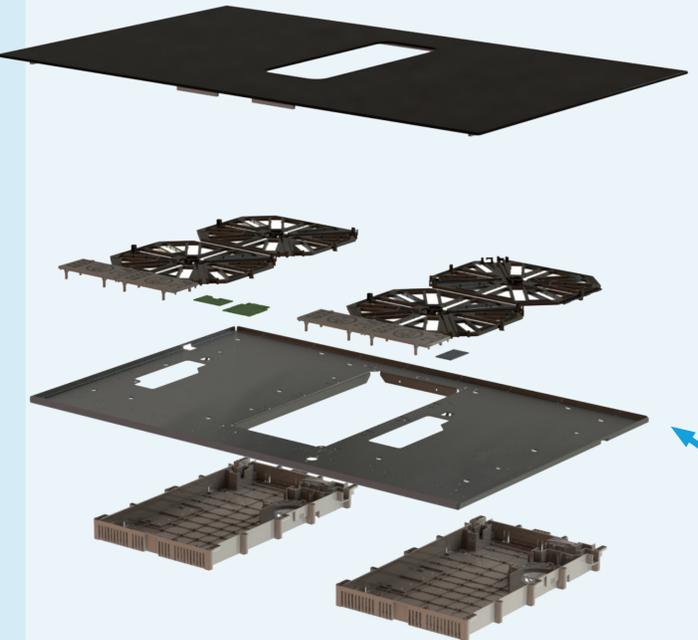


Circular kitchen appliances: Designing an induction hob fit for repair and remanufacturing



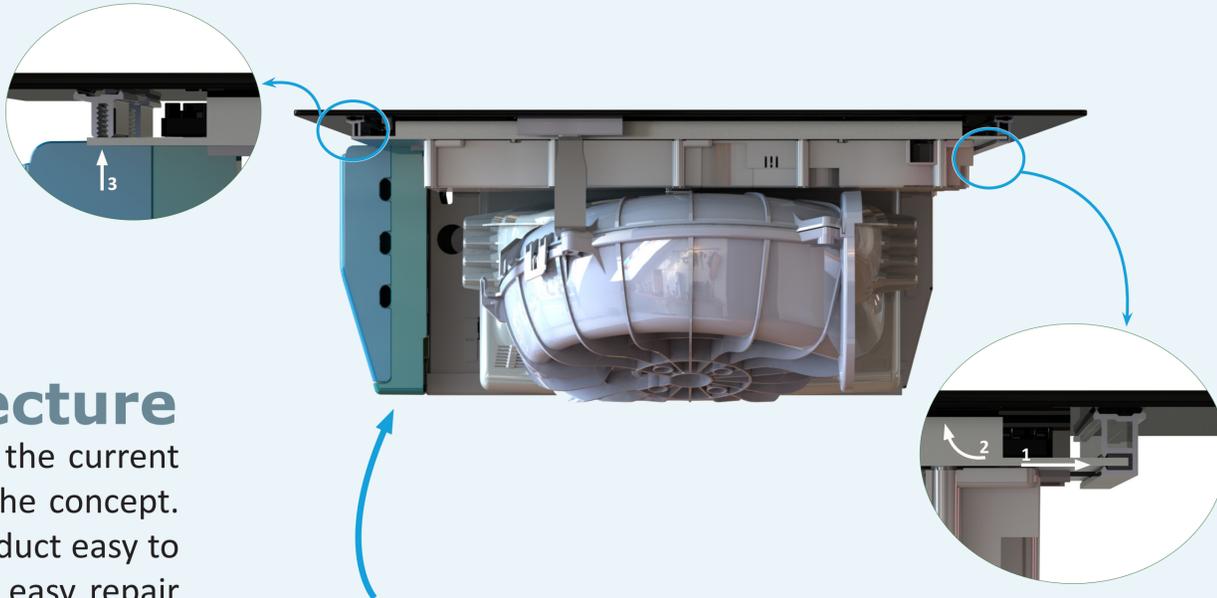
Product architecture

The main change compared to the current product is the architecture of the concept. The architecture makes the product easy to disassemble and thus enabling easy repair and remanufacturing.



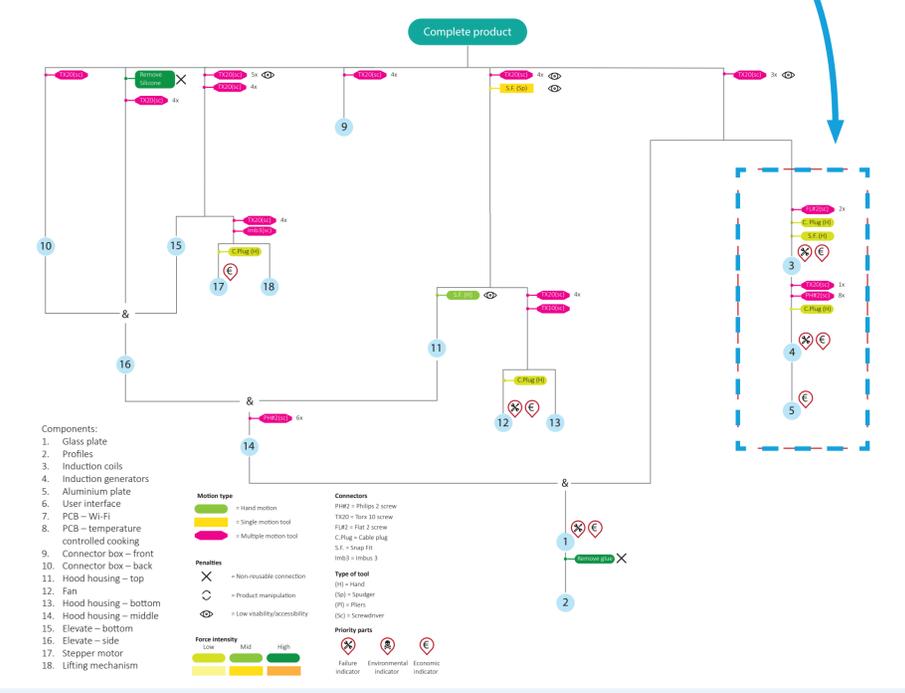
In order to make all priority parts accessible, the induction assembly had been changed. In the current design these parts are connected to one big metal plate. Which is hard to reach, because to product has to be taken out of the countertop.

In the new concept design the induction assembly has been changed to separate induction modules.



The modules are easy to disassemble, without removing the glass plate from the countertop. With good visual and manual accessibility.

In the current product it takes 12 steps to disassemble the induction module, in the new concept it is done in 3 steps.



Anna de Vreede
Circular kitchen appliances: Designing an
induction hob fit for the circular economy
17-05-2023
Integrated Product Design

Committee Ruud Balkenende
Xueqing Miao
Jan van Os
Company ATAG Benelux

