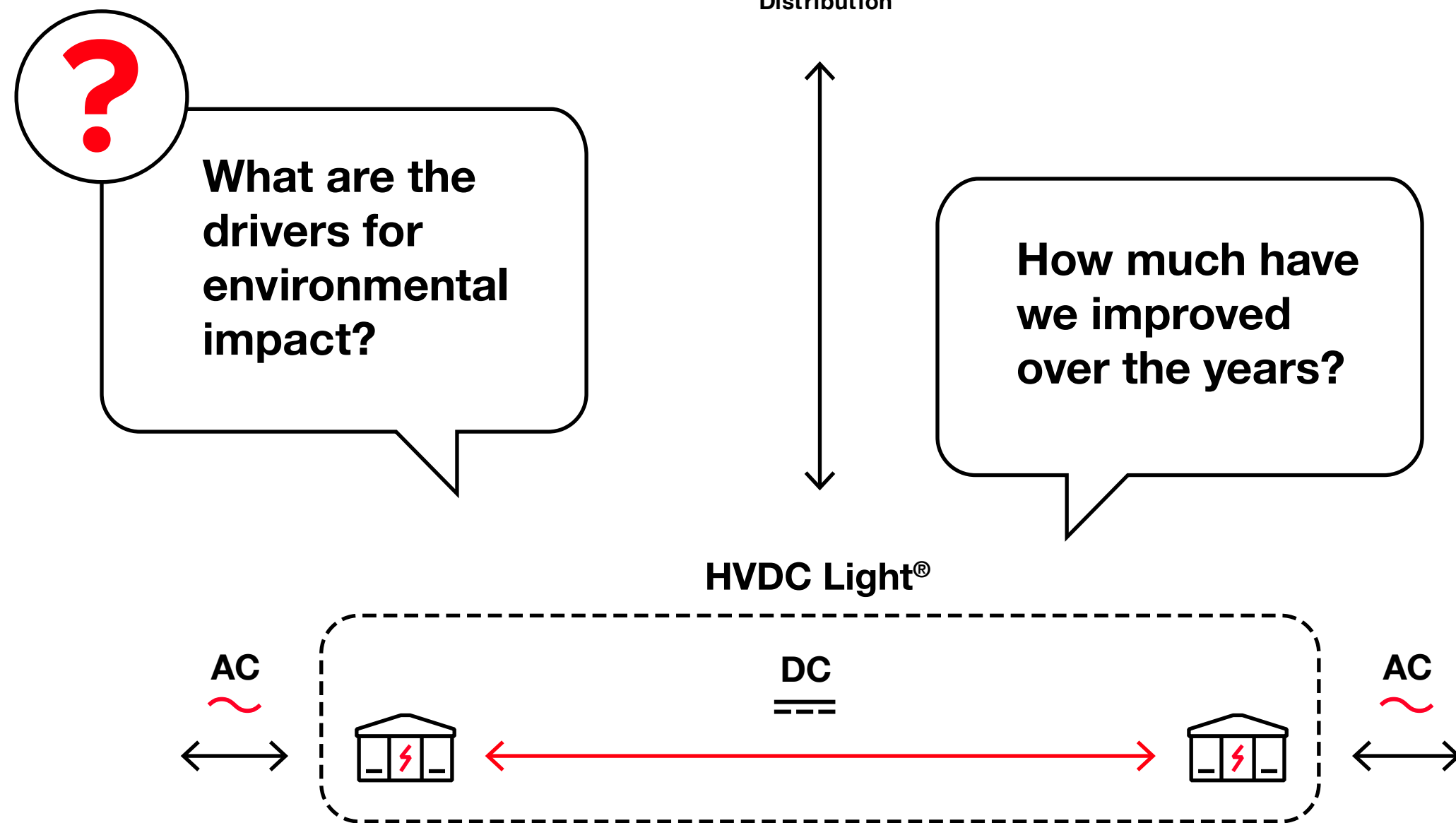
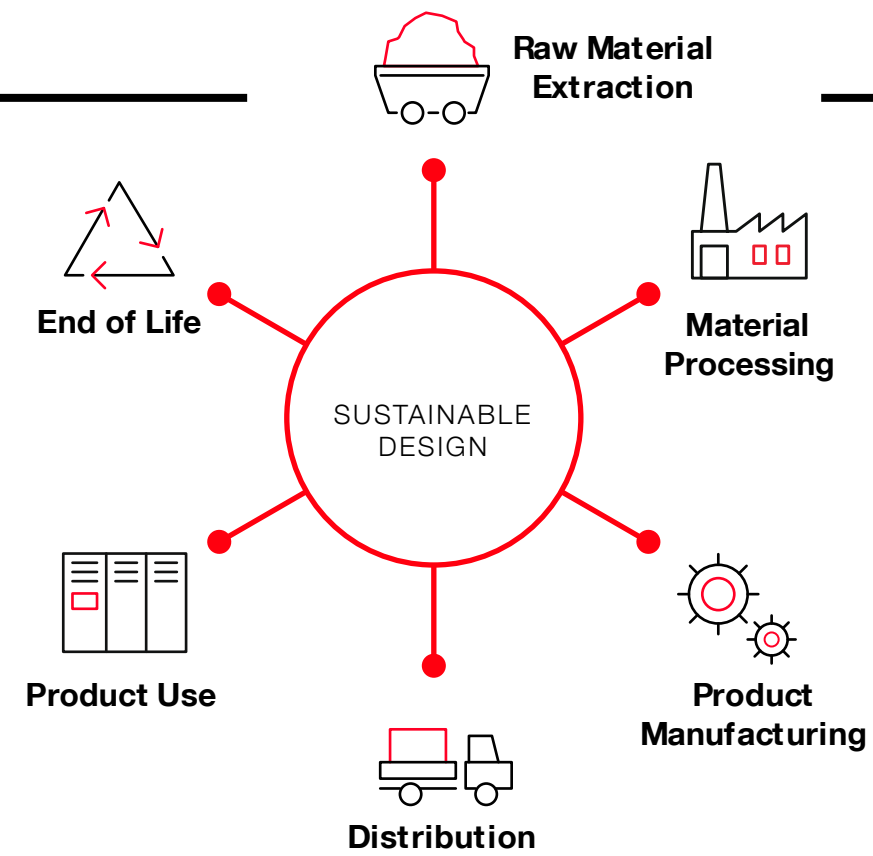


The Life Cycle Assessment

Life Cycle Assessment

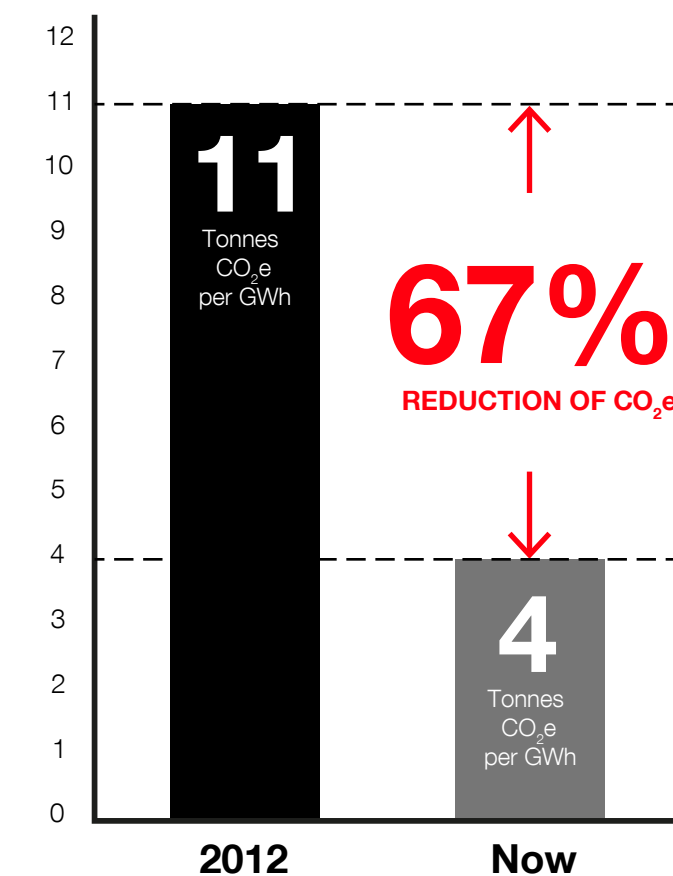
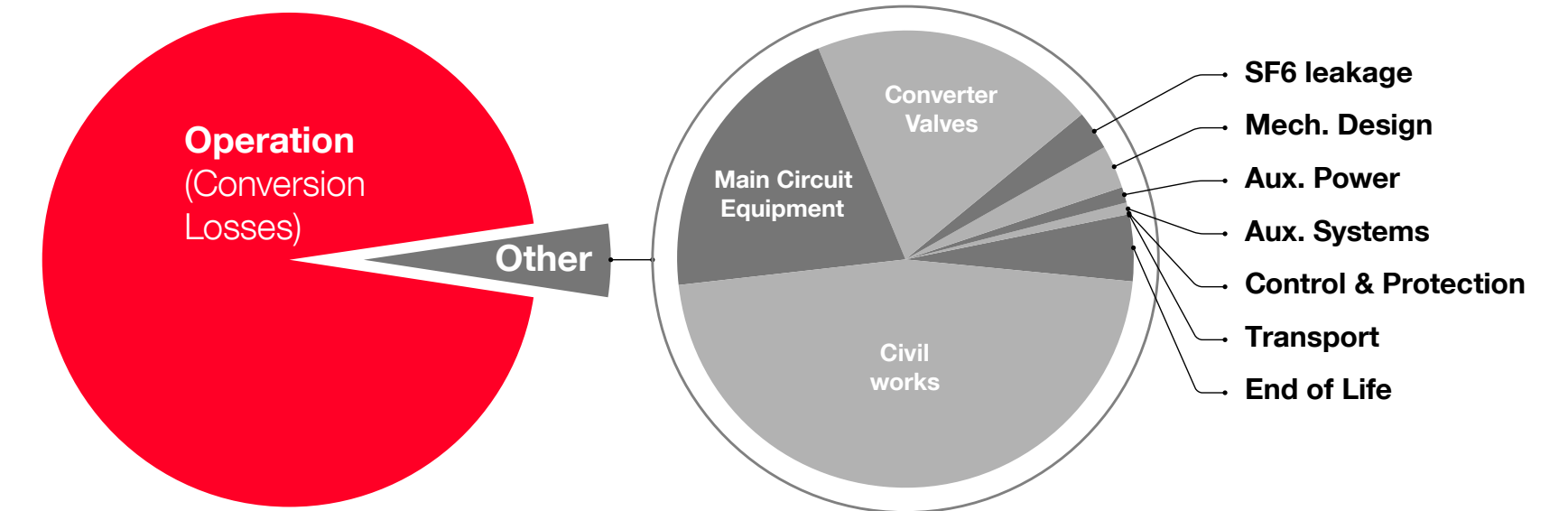
A structured way to quantify the environmental impact from a products whole life cycle, from raw material, to manufacturing, use of product and end of life.



THE MAIN DRIVER

Conversion losses

Power losses in the system generate by far most of the climate change impact, app. 95 % of the total carbon footprint.



WE HAVE REDUCED

Our carbon footprint

The carbon footprint has been reduced by two thirds in the newest HVDC Light® generation compared with previous generation.

That corresponds to 40 000 return flights Stockholm-Rome ...
... or 5 000 times around the earth by car.

Environmental benefits from HVDC Light® interconnectors

By interconnecting the grids of different countries the most environmental friendly generation can be used. One HVDC Light® interconnection 1 GW link, can save millions of tonnes of CO₂e per year.

Environmental benefits DC vs AC

An HVDC (High Voltage Direct Current) link can halve the climate impact compared to an HVAC (Alternating Current) transmission.