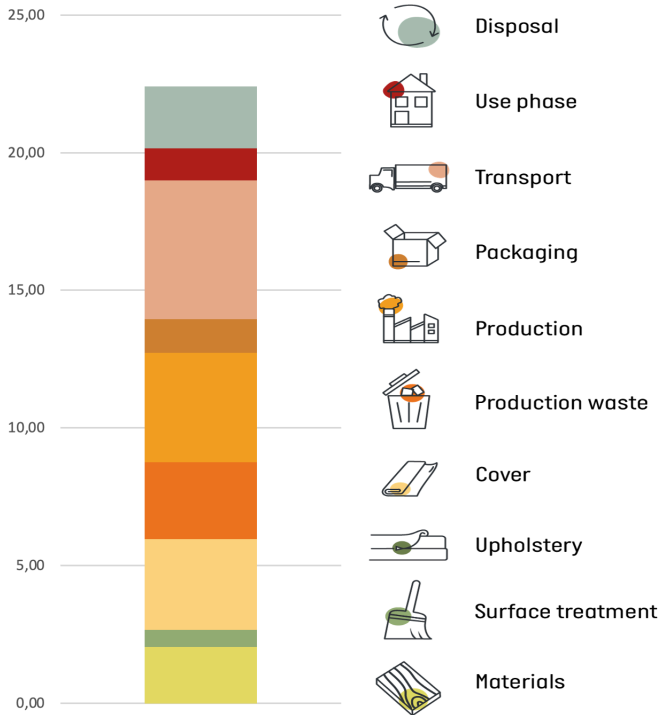


Antonio Scaffidi's bio chair

Emission:

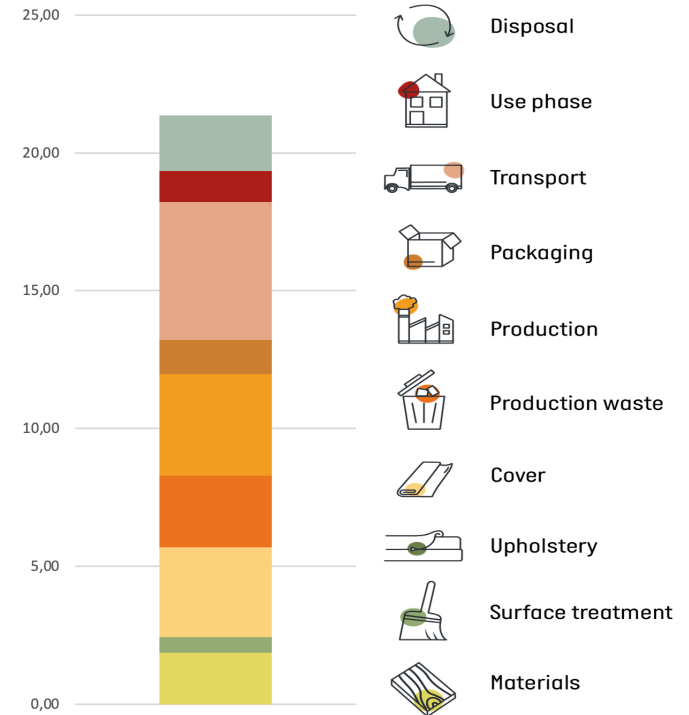
22 kg of CO₂eq

With armrest



21 kg of CO₂eq

Without armrest



Comments on the result

Here you can see that a major part of the climate impact comes from transport. Second, the production phase takes up a significant part of the emissions. This is due to the manufacturing of the bio composite that is used for the seat and backrest. Finally, it is worth mentioning the cover, which makes up for almost 25% of the footprint. Here, it is the flax and PLA that the bio composite consists of.

There are emissions from the use phase on all products, because of the waste that is generated from returned products from consumers.



Disclaimers:

We assume that metals, plastics and textiles are produced according to the global average unless we know differently.

All other materials are assumed to be produced in the EU

We assume a transport distance by lorry from supplier to warehouse of 1,000 km

We assume a transport distance from warehouse to final client of 1,000 km

Målbar builds their assumptions on their experience with industrial production and LCAs on manufacturing companies.