

WHAT IS LIFE CYCLE ASSESSMENT (LCA)?

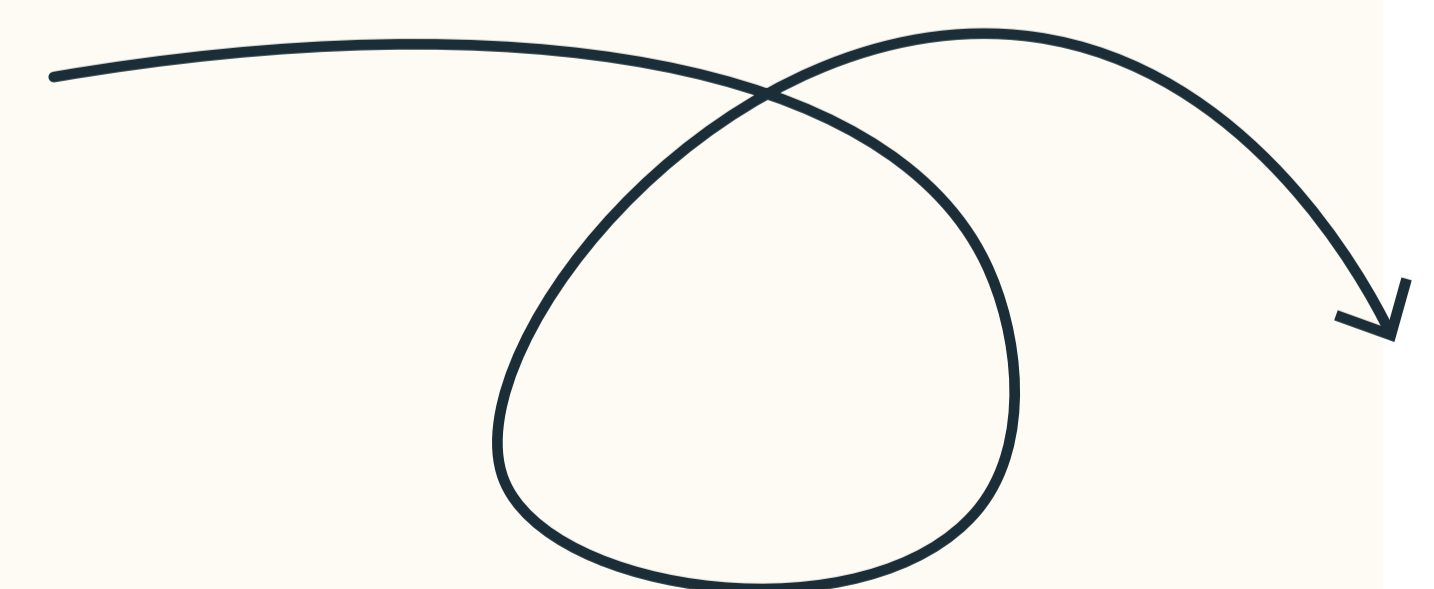
LCA is a way to estimate the climate or total environmental impact of a product or service through all its life cycle phases. The starting point for any product is **raw materials** that are extracted from nature. Those raw materials are then **processed into a product**, packaged, sold, used, maybe reused, and eventually disposed of.

Through most life phases, a product has an impact on for example the climate, water resources, soil fertility and human health, all of which are represented by so-called **impact categories**.

An LCA compliant with the **Product Environmental Footprint** guidelines of the EU, in short PEF, considers all impact categories throughout the life cycle of a product to measure its **total environmental impact**.

When you wish to make products with low environmental impacts, it's essential to design them differently. You need to consider **the whole product life cycle** already in the design phase and use that as your point of departure. It is a challenging task, and this is what Målbar is for; To make this task accessible and doable for everyone.

Here are a few (among many) ideas on where to begin your design journey. (see other side)



LIFE CYCLE ASSESSMENT

with checkpoint to consider when creating a product

