

# Simplified Life Cycle Assessment

## A compass for progress

- Optimised material use
- Products with higher value and lower impact.
- Reduced environmental & carbon footprint
- Life cycle management

These ambitions are becoming essential for a growing number of manufacturing companies.

Simplified LCA helps you turn them into practical action — guiding your design and business choices in line with the market needs.



## Why Simplified LCA?

### Purpose

- Identify key environmental impacts early in the design process
- Compare alternatives quickly.
- Find the right balance between accuracy, effort, and speed
- Help your team make better decisions, again and again.

### Each company is unique.

That's why the right setup depends on your context and background.

Let your practice evolve together with the growth of your knowledge and experience.

## Example in practice

The assessment for an electric hoist revealed that:

- The use phase caused the biggest environmental impact.
- Besides the impact of energy use, electronics is the dominant factor.

Outcome:

The company developed a new strategy for parts harvesting and reuse of electronic modules — creating both environmental and business value.



Illustration Handimove (c)



## 1 Getting started

€3.400 (\*)

### Build the foundation

- Apply simplified LCA to your product
- Clarify your purpose, accuracy, context
- Define scope and functional unit
- Apply and validate results

### Approach:

- intake meeting
- 2 workshops with hands-on guidance
- 2 follow-up meetings

Typical duration: 1 month

## 2 Embed in your company

€6.200 (\*)

### Make LCA part of your company

- ✓ Embed into business processes (design, procurement,...)
- ✓ Ensure long-term adoption
- ✓ Identify the best tools, data sources, and partners
- ✓ Build templates and workflows

### Approach:

- As getting started +
- 3 additional interactive sessions

Typical duration: 2 - 4 months

## 3 Implementation Plus

€9,980 (\*)

### Accelerate & in-depth application

- ✓ On-the-job training for key teams
- ✓ Co-develop a simplified LCA for a specific product
- ✓ Turn results into actionable design and business insights

### Approach:

- As getting started + Embed +
- 3 interactive sessions
- 3 expert days

Typical duration: 4 - 6 months

Your Coaches:



Thomas Vandenhaute  
[Thomas.Vandenhaute@sirris.be](mailto:Thomas.Vandenhaute@sirris.be)  
+32 491 86 91 71



Stefan Milis  
[Stefan.Milis@sirris.be](mailto:Stefan.Milis@sirris.be)  
+32 498 91 93 83

(\*) Funding and membership: we will review whether your Sirris membership discount applies and which regional or innovation funding schemes can support you.