



Life Cycle Assessment (LCA)

Life Cycle Assessment (LCA) is an internationally recognised methodology for measuring the environmental impact of a product or service throughout its entire life cycle—from raw material extraction to use and waste disposal.

The results provide a reliable foundation for sustainability management, support fact-based decision-making, and enhance transparency with partners, clients, and regulatory requirements.

Who is it for?

Sustainability-driven manufacturers

Companies developing new products or reducing existing impacts. LCA provides data for informed choices.

Client and market pressure

Suppliers and manufacturers expected to provide environmental data - LCA supports reliable, standardised communication.

Before EPD or CO₂ analysis

LCA is the foundation for those aiming to proceed with EPD creation or carbon footprint assessment.

Value



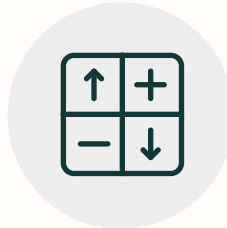
Focus on key impact sources

Clear identification of life cycle stages with the greatest environmental impact - from raw materials to waste.



Smarter product development

LCA results guide the development of more resource-efficient and environmentally friendly products.



Comparison and choices

Supports informed choices between materials, suppliers, and production methods.



Evidence-based readiness

Provides a reliable foundation for EPD creation, CO₂ footprint assessment, and transparent communication with partners.

What's included?

Detailed LCA report

Accurate and reliable overview of the product's environmental impact throughout its entire lifecycle. Enables data-driven decisions and preparation for both EPDs and carbon footprint assessments.

Clarity and direction for next steps

Highlights key impact stages and helps compare materials, suppliers, or processes. Supports product development, communication, and strategic decisions.

Process

1

Goal setting

We coordinate the scope and goals of the analysis to align with the company's needs.

2

Data collection

We collect the necessary data, supporting you throughout the entire process. Data collection may take up to one month.

3

Impact Assessment

We conduct an environmental impact analysis of the product or process according to the agreed scope.

4

Reporting

We create a visual report and provide recommendations based on the results.

Methodology

International standard

LCA is prepared following ISO 14040 and 14044 standards, with EN 15804 added when needed, such as for EPD preparation.

Reliable tools

We use SimaPro software and scientifically validated databases such as Ecoinvent.

Goal-oriented approach

We choose the methodology based on your business sector and goals - be it product development, communication, or certification.

Optional add-ons

Basis for EPD preparation

A completed LCA provides a solid foundation for preparing an Environmental Product Declaration (EPD).

Comparison and decisions

We help analyse materials, suppliers, and product versions to make informed decisions based on impact.

Action plans and communication

We help interpret the results, whether for internal strategy or external communication.

It all begins here
sustinere.eu



Trusted by our clients

A trusted partner across the Baltics

Sustinere has been a sustainability partner to over 150 companies across the Baltics, spanning manufacturing, energy, construction, logistics, and more.

We are trusted where environmental impact is not just a side issue but an integral part of business operations.

Analysis that matters

Life Cycle Assessment (LCA) helps companies understand the true environmental impact of their activities - and what to do with that insight.

Whether the goal is product development, regulatory compliance, EPD preparation, or boosting export readiness, LCA provides a solid foundation to move forward with confidence.

