

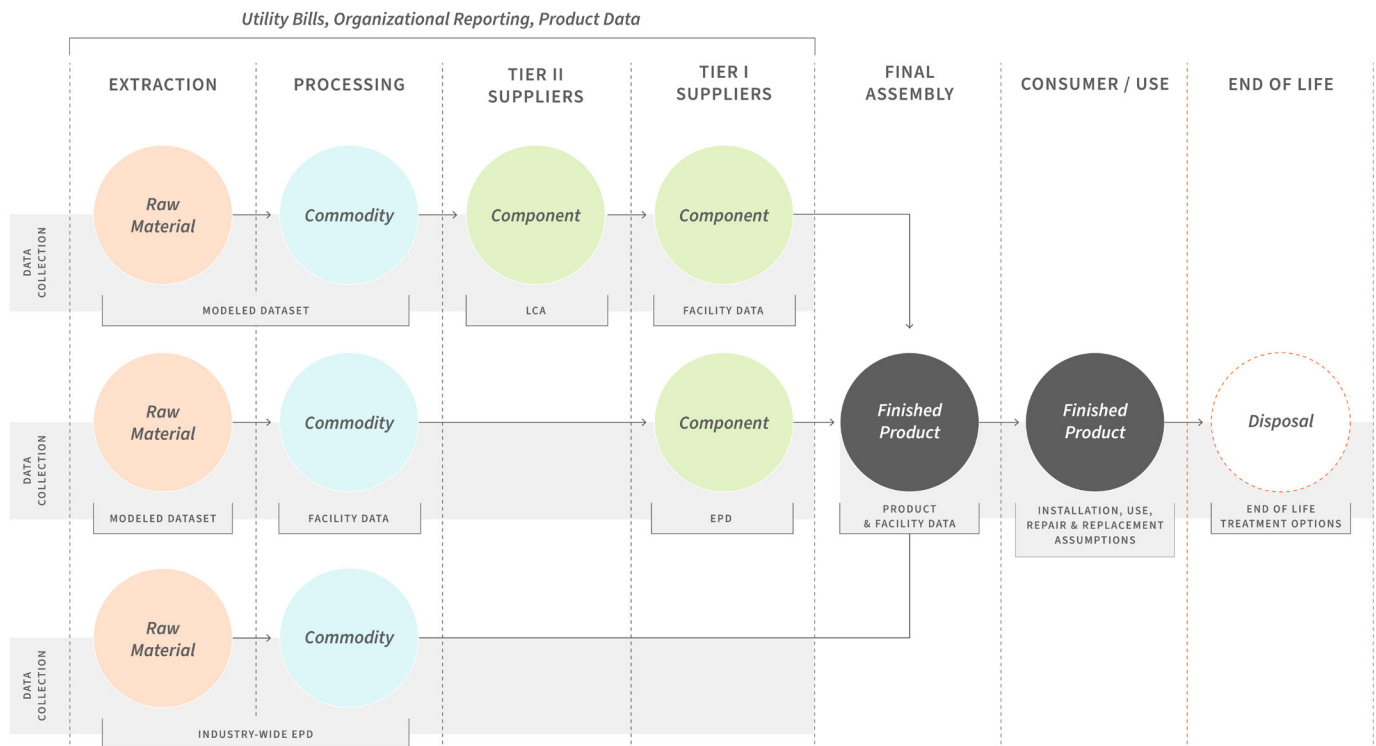
Life Cycle Assessments

Consumers, suppliers, and policymakers are pressuring manufacturers to disclose the environmental impact of their products. An LCA quantifies these impacts over your product’s entire lifecycle.

UNDERSTANDING LCA DATA STREAMS

An LCA considers the impacts of extraction, manufacturing, processing, distribution, use, and end of life of a product, to provide a holistic aggregation of product impact.

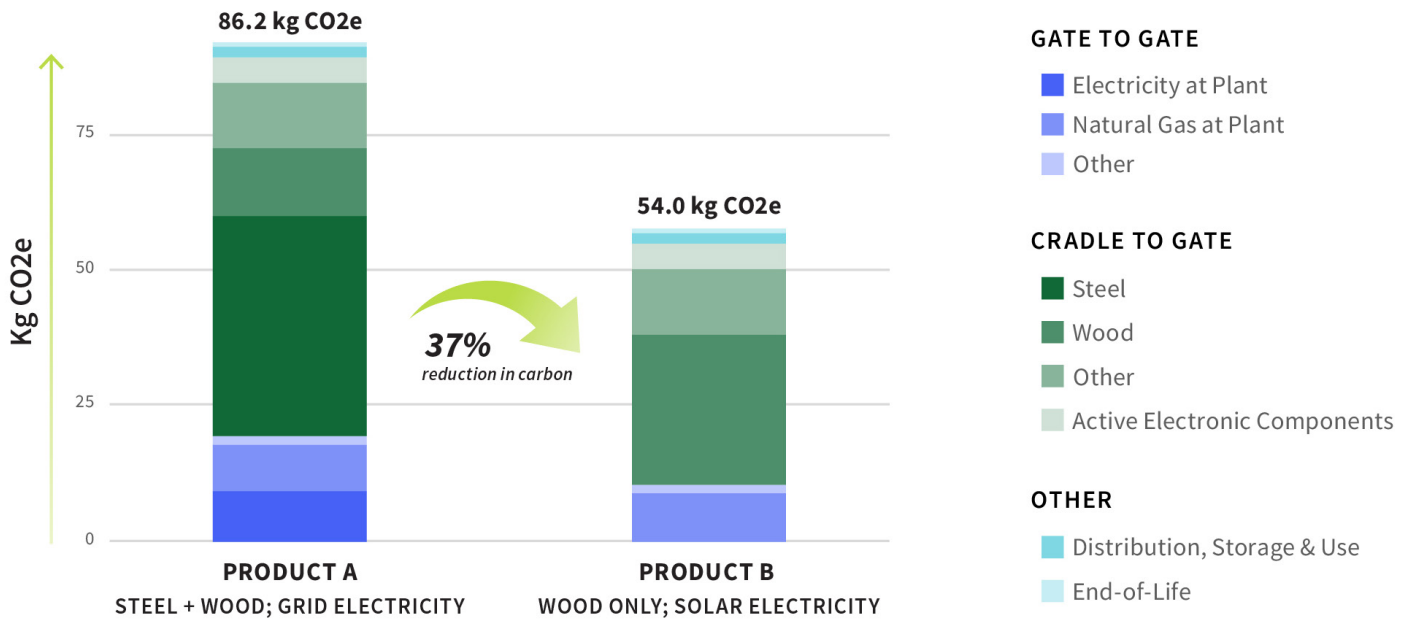
Product Life Cycle



DRIVING DESIGN DECISIONS

In the same way an energy model can influence a building’s design, an LCA allows product designers to weigh the pros and cons of various materials, elements, and suppliers based on environmental impact. It can be a tool for making strategic, informed choices before manufacturing a product.

Comparing Impact of Design Choices



BENEFITS OF AN LCA

For Compliance/Conformance:

- Align with existing and emerging regulations, such as CBAM
- Gain visibility into regulated chemicals
- Proactively manage risks
- Adhere with International Standards, such as ISO
- Respond to supplier requests for product data

For Enhanced Product Development:

- Quantify your environmental impact
- Identify hot spots (either cost or environmental) in your product's lifecycle
- Model the environmental impact of design changes
- Lower costs and carbon footprint
- Pursue product certifications, standards, or EPDs

For Marketplace Differentiation:

- Leverage data availability to improve supplier relationships
- Align with customers' sustainability goals
- Meet or surpass your company's sustainability targets
- Verify your sustainability attributes to prevent greenwashing



We're here to help!

Contact Wendy for more information about how we can help support your LCA journey.