Product Sustainability

Understand, optimize and communicate your product sustainability performance.

All over the world, the demand for more sustainable products is increasing. Consumers want to know about the environmental impacts of the products they buy and use. Industry leaders are announcing initiatives to be carbon neutral. Investors are focusing on sustainability initiatives as they set their financial strategies. All these measures contribute to solving the world's largest problem: climate change. Buying decisions will be made on the sustainability of supplied products, and companies need to be prepared for more restrictive product sustainability regulation.

Model your product's life cycle

Calculate your environmental impacts

Validate results and **identify** hot spots

Communicate environmental reports

Sphera's comprehensive Product Sustainability solutions combine the world's leading Life Cycle Assessment (LCA) modeling and reporting software with reliable and consistent environmental data. Our data analytics and reporting tools enable organizations to understand the environmental impacts of the entire life cycle, identify hot spots and make fact-based decisions to improve sustainability.

Our Solutions for Product Sustainability

Life Cycle Assessment

Our LCA software allows you to model entire product life cycles, compare alternative product designs and identify environmental hot spots on a comprehensive visual interface. Sphera's comprehensive solution helps you to save time and money as you evaluate and analyze the environmental impacts of your products.

EcoDesign

With our EcoDesign solution, you can easily integrate LCAs, Environmental Product Declarations (EPD), or any kind of environmental footprinting into your internal processes. The solution also enables you to quickly understand and communicate the sustainability performance of your products and compare alternative product designs.

Packaging Design

Sphera's solution for sustainable packaging design provides intuitive tools that don't require any LCA knowledge to use. The solution helps packaging designers and product developers identify the most sustainable options and make decisions based on high-quality environmental data.

Evaluate and Optimize Your Product's Sustainability to Ensure Competitiveness

We help organizations save money, reduce risk, communicate product benefits and increase revenue. Our Product Sustainability solutions allow you to assess each raw material and process in every phase across your supply chain— from extraction to end-of-life. This allows for a holistic view of your product's entire life cycle, helping you provide more sustainable products to your customers.

Quantify Environmental Performance

Our data and software enable you to understand the environmental impacts of your products and quantify their performance.

Analyze Your Results

Build a foundation for improvement through performance analysis and life cycle hot spot identification with our built-in software functionality.

Compare Design Scenarios

Simulate changing materials, processes or transport options to see how each scenario improves or deteriorates your product's sustainability.

Generate Reports Automatically

Calculate your results and create automized reports in PDF or RTF format based on a template according to your corporate design.

Efficient and Comprehensive Product Sustainability Optimization

- Understand your product's material flows and environmental impacts.

- Identify hot spots in your product's life cycle.

- Compare alternative product designs and make fact-based decisions.

- Reduce costs by optimizing your material and energy efficiency.

- Communicate your environmental results using standardized and automated reports.

- Meet standards and regulations.

The Best Value in Product Stewardship

Our Product Sustainability solutions include:

Software

Whether you are an LCA practitioner, product designer or sustainability executive, our LCA software gives you the level of critical sustainability intelligence you need to make an impact on sustainability targets and the bottom line.

Data

Built on 30 years of experience, our more than 20 sector-specific databases for all relevant industries provide over 15,000 life cycle inventory (LCI) datasets for materials, energy, transportation, manufacturing processes and more. These datasets are updated annually to power your LCA.

Services

We offer full support for modeling and data collection for LCA calculations, in addition to carbon and water footprinting. With the help of on-site training and online learning sessions, Sphera provides you with the level of support that leads you to the next level of knowledge.

Want to improve the sustainability of your products?

Contact us to learn more about Sphera's Product Sustainability solutions.

sphera.com/contact-us

ABOUT SPHERA
Sphera is the leading provider of Environmental, Social and Governance (ESG) performance and risk management software, data and consulting services focusing on Environment, Health, Safety & Sustainability (EHS&S), Operational Risk Management (ORM), Product Stewardship and Supply Chain Risk Management (SCRM).

www.sphera.com