



The product carbon footprint will be a key indicator for all companies in the future! Identifying, analyzing, and improving the environmental impact of products is becoming increasingly important—especially in light of the new Ecodesign Regulation (ESPR) and its requirement for a Digital Product Passport (DPP).

Are you planning a new product and looking to consider its environmental impact during development?

ECODESIGN+ is ideal for you, as it enables you to discover and purposefully implement reliable decisions on decarbonization early on in product development - even if not all life cycle data is available in detail.

ECODESIGN+ provides you with a detailed insight into the product carbon footprint (PCF) and supports you with integrated ecodesign checklists to help you find your own way to improve your product.

The Principle

ECODESIGN+ allows product developers to calculate, understand, compare, and improve the product carbon footprint of their products. The calculations are based on the comprehensive environmental database Ecoinvent.

Analyze



Calculate the PCF. You will find all results on a clearly structured page: the total PCF, a breakdown by life cycle phase, and the components and processes with the largest impact.

Improve



Reduce the PCF using integrated ecodesign checklists. Product developers especially benefit from the comprehensive features of ECODESIGN+. This includes evaluating the environmental performance of the current product design, as well as similar products or variants. Based on the environmental assessment, specific strategies and concrete ecodesign measures are suggested, enabling you to implement improvements throughout the development process.

Compare



Compare the PCF of product variants. The variant comparison function allows you to duplicate the product model and create a variant, enabling you to assess potential design changes and their environmental impact before they are implemented. With this 'what-if' view, you can quickly identify improvements in the environmental performance of the product to be developed.

ECODESIGN+ key features!

Web-based and Self-Explanatory

Ready to use immediately—no installation or training required.

Immediate Product Comparisons

Easily calculate and compare product alternatives after planned product improvements.

Focus on Product Development

Make well-founded decisions in the early development phases, even if all the data isn't available yet.

Quick Results

Calculate and optimize the PCF in the shortest possible time.

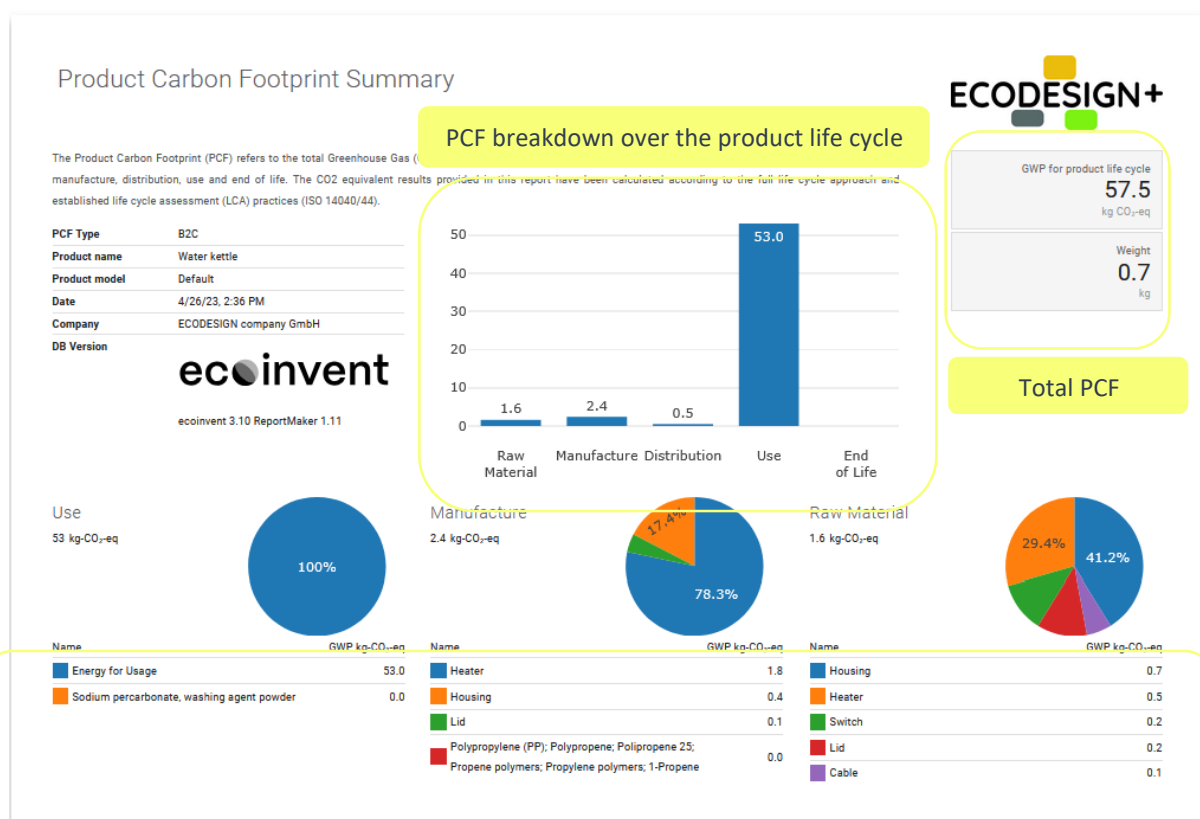
Checklists for Product Improvement

Integrated ecodesign checklists help generate ideas for reducing the PCF.

Comprehensive Database

Utilize the integrated Ecoinvent database and established life cycle assessment methods for accurate results.

Summary Report: a handy one-pager



Breakdown of PCF in each life cycle phase

ECODESIGN+ is a development by ECODESIGN Company Engineering & Management Consultancy GmbH, based in Vienna. For 30 years, we have been providing expertise in integrating eco-design into companies. Together, we are shaping a future with environmentally friendly and recyclable products and solutions.

Get in touch!

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