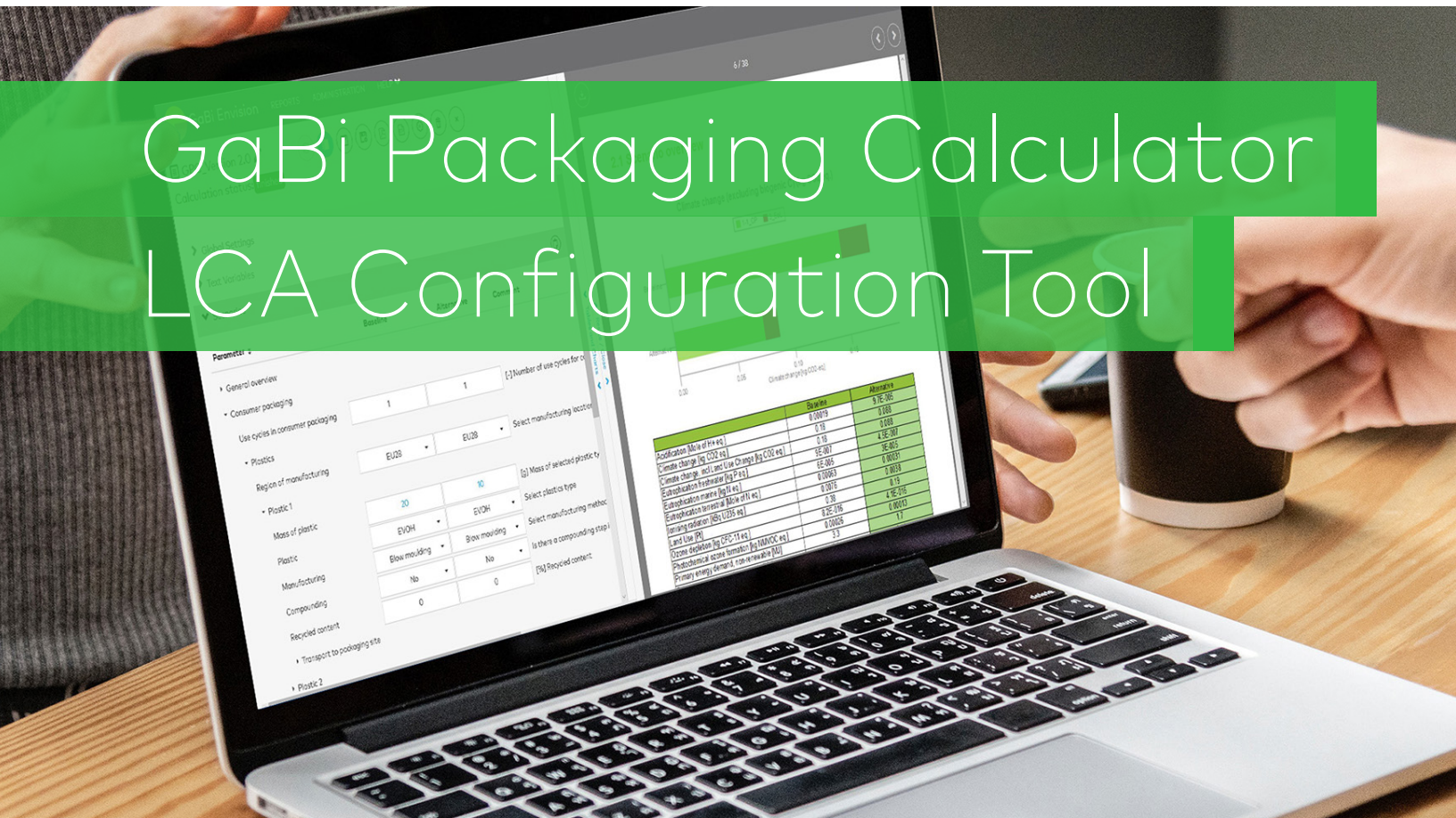


thinkstep
a sphera company

GaBi Packaging Calculator LCA Configuration Tool



EXECUTIVES

SALES & MARKETING

PACKAGING DESIGN

PRODUCT DEVELOPMENT

Decision Making

Client Communications

Material Selection

Scenario Design

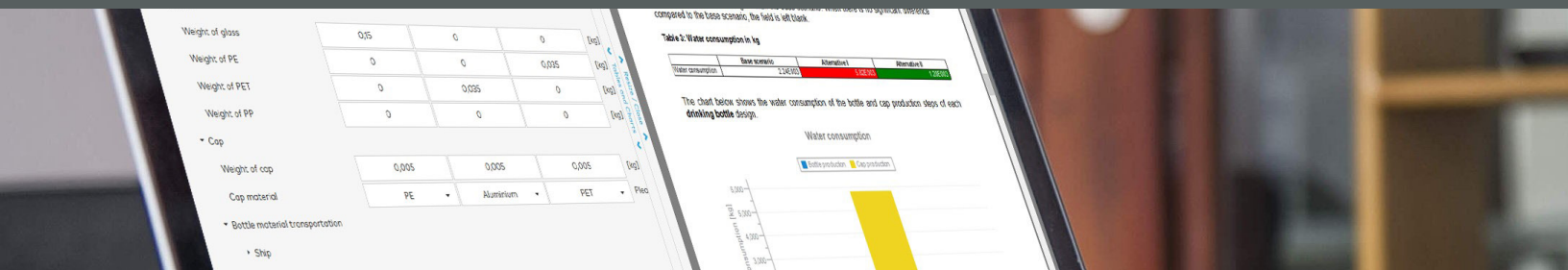
Identify the Most Sustainable Packaging Design

The GaBi Packaging Calculator is a straight-forward configuration tool to model the LCA (life cycle assessment) of packaging designs and compare different scenarios. It provides science-based information that allows you to identify the most sustainable alternative and measure the level of circularity based on the Material Circularity Indicator (MCI)*.

Make Decisions Based on High Quality Environmental Data

At the heart of the GaBi Packaging Calculator is a fully parameterized LCA model that traces the entire product lifecycle of packaging. It contains dozens of packaging-related life cycle inventory (LCI) datasets on materials and manufacturing processes. This LCI data is sourced from thinkstep's GaBi databases and ensures you have the most accurate, reliable and consistent data on the market.

* developed by the Ellen MacArthur Foundation and Granta Design



How it Works

On a straightforward web interface, simply fill in the appropriate parameters and select the materials, manufacturing processes and transport routes that correspond to your packaging design. With the push of a button the GaBi Packaging Calculator provides you with results for your LCA and MCI. Then export your environmental report as a PDF or RTF file and share it with your stakeholders.

GaBi Packaging Calculator Enables to:

- Generate instant LCA results
- Calculate circularity
- Compare alternative packaging designs
- Navigate sustainability metrics
- Rely on credible data
- Identify viable solutions
- Communicate simple results

The GaBi Packaging Calculator Contains the Following LCI Datasets:

- 61 specific materials: 14 plastics, 23 bioplastics, 2 metals, 6 adhesives, 7 solvents, 9 non-bioplastic renewables
- 18 manufacturing processes: injection molding, extrusion, can manufacturing, etc.
- 4 modes of transport: air, sea, road and rail
- 9 energy regions: EU, USA, China, Japan, South America, Australia, India, Russia, New Zealand (packaging & filling process only)
- 4 EoL options: recycling, incineration, landfilling, composting

Keep the Focus on Real Sustainability

The GaBi Packaging Calculator is an objective tool that enables you to navigate the jungle of both sustainability metrics and design alternatives via an interactive, easy-to-use web-based interface. It provides instant environmental results with explanations. A report is generated with the push on a button and can be used for communication and as a decision-making aid for sustainable strategy development.

EVALUATE ENVIRONMENTAL PERFORMANCE WITHOUT EXPERT KNOWLEDGE

EASILY CREATE AND COMPARE DIFFERENT PACKAGING DESIGNS

IDENTIFY ENVIRONMENTAL IMPACTS OF EACH ALTERNATIVE

CALCULATE BOTH LCA AND CIRCULARITY WITH ONLY ONE TOOL

MAKE INFORMED MATERIAL AND MANUFACTURING DECISIONS

CREATE AUTOMATED REPORTS WITH ONLY ONE CLICK

Want to learn more about the GaBi Packaging Calculator?

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