



thinkstep



GaBi Packaging Calculator LCA & MCI configuration tool

Brochure

SaaS (Software as a Service)

Version 1.0, August 2018

Identify the most sustainable design for your packaging – and cover the increasing demand for eco friendly products

The GaBi Packaging Calculator is an easy-to-use configuration tool to model LCA (life cycle assessments) of packaging designs and compare different scenarios. It provides science-based information that allows you to identify the most sustainable alternative. In addition you can measure the level of circularity, based on the Material Circularity Indicator (MCI) ¹.

What can you do with the GaBi Packaging Calculator?

- ✓ Easily create and compare different packaging designs
- ✓ Get profound information about environmental impacts of each alternative
- ✓ Calculate the circularity* of your packaging within the same tool
- ✓ Communicate your results with automatically generated reports

What is included in the Subscription of GaBi Packaging Calculator?

- ✓ Access to an easy-to-use web based configuration tool
- ✓ 58 packaging material and production processes

- ✓ Industry leading GaBi data sets based on thinkstep's 25 years of experience

- ✓ Annual Updates

Which are the benefits of using the GaBi Packaging Calculator?

- ✓ Make informed material and manufacturing decisions when designing new packaging
- ✓ Improve the environmental performance and circularity of your existing design by comparing new alternatives to the existing product
- ✓ Make decisions based on a range of LCA impact categories and indicators as well as the MCI
- ✓ Prepare reports for each assessment at the press of a button

¹ developed by the Ellen MacArthur Foundation and Granta Design following the methodology described in *Circularity Indicators - An Approach to Measuring Circularity*, Ellen MacArthur Foundation & Granta Design (2015).

How does the GaBi Packaging Calculator work?

Working with the GaBi Packaging Calculator is intuitive. Get your LCA and MCI results in just 3 steps!

1. Log-in to your web account

Email address

your email address

Password

GaBi Envision password

[Forgot Password?](#)

Login

2. Define your packaging design and optionally compare with an alternative design scenario – simply by specifying your parameters for materials, manufacturing, transportation, end of life and regions.

▼ Consumer packaging

Use cycles in consumer packaging

▼ Plastics

Region of manufacturing

▼ Plastic 1

Mass of plastic

Plastic

Manufacturing

Recycled content

► Transport to pack site

► Plastic 2

► Plastic 3

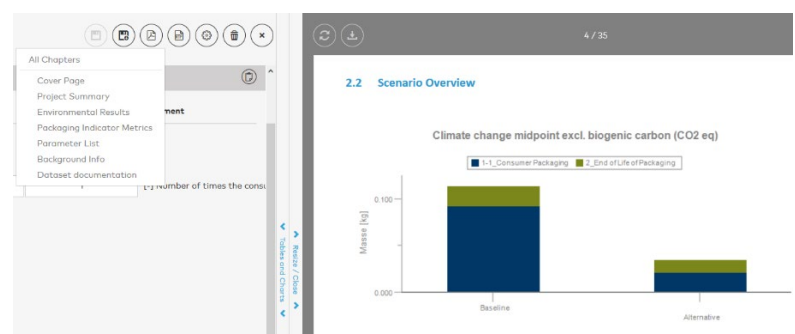
► Bioplastics

► Laminate

EVOH
HDPE
LDPE
PA (nylon)
PET
PP
PP oriented
PS
PU
PVC

3. See a preview of the report when typing in the parameters.

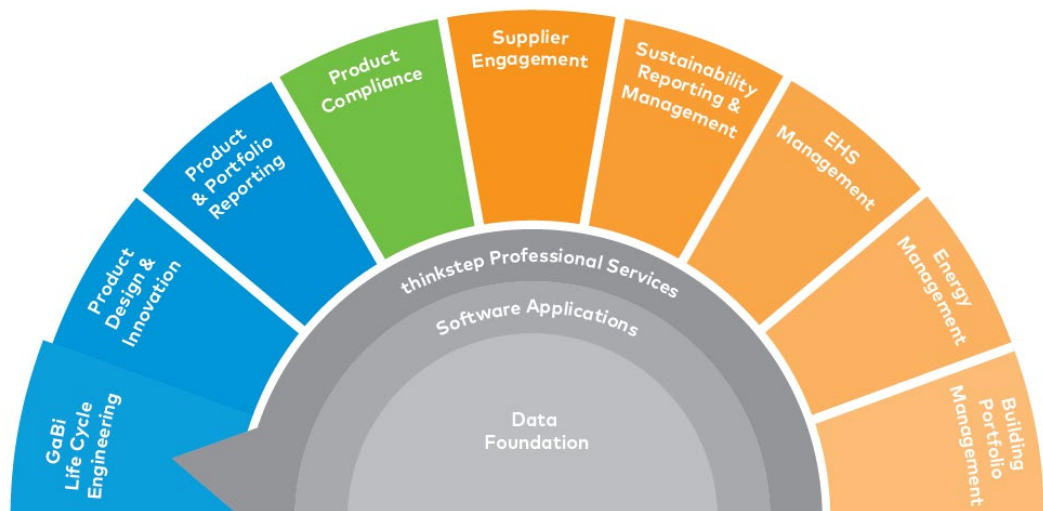
Once you're finished, simply create your report as downloadable PDF file.



About thinkstep

With over 25 years experience, thinkstep enables clients all over the world to become more environmentally friendly through improvements in operational excellence, product innovation, brand value and regulatory compliance. With expert sustainability consulting services, high quality data and easy-to-use product and

organizational software, thinkstep enables organizations worldwide to succeed sustainably. thinkstep is currently working with over 2,500 clients, including 40% of the Fortune 500, to develop the strategies, management systems, tools and processes needed to achieve leadership in sustainability.



Enabling sustainable success.

thinkstep AG
Hauptstr. 111 – 113
70771 Leinfelden-Echterdingen,
Germany

Email gabi@thinkstep.com
Phone +49 711 341817-0
Fax +49 711 341817-25
www.thinkstep.com