

Arming businesses with the knowledge and skills to design packaging with improved sustainability performance.



The Packaging Impact Quick Evaluation Tool – PIQET- is a web-based, streamlined life cycle assessment and eco-design tool used for packaging design.

Packaging designers globally use PIQET to:

- Benchmark current sustainability performance of packaging.
- Review and optimise current packaging to improve sustainability performance.
- Include sustainability performance in the design of new packaging.
- Training to build business capability to make more sustainable decisions.

How does PIQET work?

Through a web-based interface available globally 24/7, PIQET users provide the tool with packaging design information and details of the cradle to grave lifecycle of the packaging. The life cycle includes the production of the raw materials used for making packaging products and, the production, transport, filling and waste management of all the packaging products used in a particular design.

Using the user supplied information with background data sets developed from more comprehensive life cycle assessment (LCA) modelling, PIQET analysis the packaging system and reports on the sustainability performance of the packaging design.

Less than half an hour is required for a complete packaging evaluation and the tool includes features for rapid scenario analysis.

Packaging sustainability performance

PIQET reports the sustainability performance of packaging designs using eight environmental life cycle indicators including climate change, water use and solid waste and, a range of packaging specific sustainability metrics e.g., packaging to product ratio, % recycled content.

Users can tailor which indicators are reported to align with their corporate sustainability goals and measures.

The PIQET reports also help users to understand how their packaging design decisions impact these indicators and the stages in the life cycle where these impacts occur.

Access to PIQET

SPA provides direct access to PIQET for customers upon signing of a standard PIQET License Agreement with a minimum term of 1 year. Licenses include training, technical support, and access to regular (twice yearly) updates. License fees are based on the number of users a customer requires. Discounts are offered when a company signs a long term license agreement (typically three years).

For companies with a limited number of in-house packaging designers or, small packaging design teams with limited time to commit to regular use of PIQET, SPA provides PIQET Assessments as a service offering.

Additional training and Super-User training options can also be provided on a service basis