

KEY TAKEAWAYS

USING LIFE CYCLE ANALYSIS (LCA) TO TRACK YOUR PACKAGING SUSTAINABILITY

Presented by Trayak & PAC



KEY TAKEAWAYS

Life Cycle Assessments (LCA) don't have to be expensive and time consuming. A screening LCA based on industry average data can be both quick and cost effective. You don't have to be an expert to work with LCA. COMPASS is for beginners and advanced, sustainability managers and engineers.

01 Comprehensive management of packaging sustainability

- To avoid burden shifting, don't focus solely on one indicator.
- Consider reviewing the entire packaging system including distribution and supply chain transportation.

02 Identify areas of maximum sustainable gains

- COMPASS uses a cradle-to-grave analysis that calculates environmental impacts associated with all stages of a package's or product's life cycle.
- Consider end of life impacts of packages in context of current municipal waste management infrastructure.

03 Evaluate multiple strategies

- Model any package or product scenario from the simple to the complex such as refill, reusable, and circular.

04 Make decisions about trade-offs

- Customize the analysis to your company's priorities by weighting the metrics
- Evaluate LCA and other performance metrics together to determine trade-offs.

05 Make decisions about trade-offs

- Single analysis helps identify and communicate hotspots in a package. Comparison analysis helps evaluate alternatives and communicate in design reviews. Roll up reports let you perform portfolio benchmarking, dashboarding, and track and communicate progress towards sustainability goals.
- Simple Indicators help communicate to a broader audience.

06 Incorporate into engineering and design work process

- Automate and integrate with your company systems

07 Track and report against goals.

- Manage packaging sustainability across your company with roll up reports and easily communicate these results to your stakeholders.
- Make incremental or radical changes. COMPASS helps you measure impact on business to ensure you are moving in the right direction.

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OVERVIEW

Trayak discusses how to adopt sustainability into your day-to-day work process.

Presented on
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by Prashant Jagtap and
Alison Younts, Trayak

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PRASHANT JAGTAP

President & CEO

prashant.jagtap@trayak.com

[CONTACT PRASHANT](#)



ALISON YOUNTS

Sustainability Consultant

alison.younts@trayak.com

[CONTACT ALISON](#)

ABOUT TRAYAK

Trayak is a leading sustainability consulting and software solutions company that helps companies implement sustainable processes throughout the entire product life cycle - design, engineering and manufacturing.

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