



About COMPASS

COMPASS is a cloud-based comparative packaging assessment solution that benchmarks design alternatives against sustainability metrics. COMPASS empowers packaging designers to make more informed material selection and design decisions early in the development process. COMPASS allows packaging designers to quickly and confidently evaluate, quantify, and compare the human and environmental impact of design and material decisions throughout a product's complete life-cycle using Life Cycle Thinking. The program provides comparative reports of package design options, based on fossil fuel consumption, water consumption, greenhouse gas emissions and human and aquatic toxicity.

The data required to model a packaging system in COMPASS includes –

1. Material (type and weight)
2. Manufacturing Processes involved
3. Logistics (Transport means and distance covered)
4. End of Life fate of packaging discards (available by default in COMPASS based on Life Cycle Inventories built by Eco Invent)
5. Cost of packaging

COMPASS LCI database is updated regularly to capture changes in process/technology or End-of-Management practice.

COMPASS enables Packaging brand owners to –

1. Quantify the impact of change in material and use of recycled content in terms of sustainability metrics.
2. Monitor the impact of their EPR targets (as per Plastic Waste Management Rules, 2016)

For more details, visit <https://trayak.com/compass-enhancements>.