

LIFE CYCLE ASSESSMENT



GICIA India Private Limited (GIPL) provides Life Cycle Assessment (LCA) services in accordance with ISO 14040 and ISO 14044 standards. LCA evaluates the environmental impacts of products and services across their entire life cycle from raw material extraction and manufacturing to use and end-of-life.

Our ISO-aligned LCA approach supports organizations in identifying environmental hotspots, improving resource efficiency, reducing emissions, and strengthening sustainability reporting, environmental claims, and SDG alignment through transparent, science-based assessments.

The organizations committed to environmental improvement can benefit from LCA as it helps in building your green credits.

When the world and the global leaders are struggling with the problem of climate change pertaining to exhausted resources and emissions out of industrial, commercial and consumer activities, the key players (be it industry or any service sector) have to help in addressing this global crisis. The sustainable goals can be achieved by performing and understanding the results of Life Cycle Assessment of your product and services.



GICIA INDIA PRIVATE LIMITED

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ASSESS and IMPROVE

- LCA considers the entire life cycle of a product, from raw material extraction and acquisition, through energy and material production and manufacturing, to use and end of life treatment and final disposal.
- LCA is a relative approach, which is structured around a functional unit that defines what is being studied.
- LCA also offers iterative approach within and between the phases and contributes to the comprehensiveness and consistency of the study and the reported results.

G IPL, with its impeccable, fast and reliable service, will take you through the assessment process. Our process is hassle-free, and our dedicated and highly skilled staff will help you achieve best of results and provide pragmatic solutions.



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BENEFITS

LCA study is helpful to every industry type, service provider or product manufacturer, infrastructure projects, *etc.*, in many ways such as:

- Identify environmental hotspots across the life cycle.
- Quantifies energy use, emissions, and resource consumption.
- Enables fair comparison of alternatives.
- Supports cost reduction and efficiency improvements
- Facilitates EPDs, eco-labels, and sustainability certifications.
- Strengthens ESG reporting, regulatory compliance, and supply-chain transparency
- Enhances market credibility, customer trust, and competitive advantage.

GIPL delivers credible, impartial, and ISO-aligned certification and assurance services to strengthen trust and compliance.

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