Tools of the Trade: Life Cycle Analysis

LCA Tools

	openLCA	Ecochain Mobius	Ecochain Helix	GaBi	Oneclicklca	SimaPro
Ease of use	Moderate to difficult	Easy	Moderate	Moderate to difficult	Moderate to difficult	Moderate to difficult
Free Trial	N.A. Free software	Yes, 14-day free trial	No, but demo is available	Yes, 30-day free trial	Yes, 14-day free trial	No, but you can download a demo version
Cloud-based Application	No, download only	Yes	Yes	No, download only	Yes	No, download only
URL	www.openlca.org	ecochain.com/mobius	ecochain.com/helix	www.gabi-software.com	www.oneclicklca.com	www.simapro.com

Source: [EcoChain](#)

OpenLCA

openLCA is an open source and free software for Sustainability and Life Cycle Assessment, with the following features:

- Fast and reliable calculation of your Sustainability Assessment and/or Life Cycle Assessment
- Very detailed insights into calculation and analysis results; identify main drivers throughout the life cycle, by process, flow or impact category, visualize results and locate them on a map
- Best in class import and export capabilities; easy to share your models
- Life Cycle Costing and social assessment smoothly integrated in the life cycle model
- User-friendly; user interface in a variety of languages; advanced and efficient repository and collaboration feature (currently developed)
- Continuous improvement and implementation of new features

Source: https://www.openlca.org/

Database

- ecoinvest

- FLEX
- ELCD

- [USLCI](#)
- [Federal LCA Commons](#)

Check more information at [openLCA Nexus](#)

Case study

- PET and PC bottle
  - Project

  - Process

  - Flow
- Change parameters

- Add new process and flow

- Start a new project

Further readings

- openLCA