

Tools of the Trade: Life Cycle Analysis

LCA Tools

- [openLCA](#)
- [Ecochain Mobius](#)
- [Ecochain Helix](#)
- [Gabi](#)
- [Oneclicklca](#)
- [SimaProv](#)

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](#)