

About us: GreenDelta GmbH



- Founded by Dr. Andreas Ciroth in 2004
- Developers of openLCA
- Independent sustainability consulting, software & data development company
- Global partners worldwide (11 countries)
- Worldwide projects and clients





Contents



- How do we see market evolving?
- Proposed solution
- Summary

I am an LCA consultant



... I make LCA studies

- Minimum 3-4 months
- Follow ISO 14040/44 or specific standard
- Iterative data collection (meetings, sheets, site visit)
- Output: 1 report, 1 presentation, feedback and recommendations

But, how is the LCA market evolving?



Demand is changing / has changed

- More sustainability assessments demanded (legislation / company goals)
- Similar products, many products per company
- Less time spent per assessment
- Less budget per LCA
- Standard compliant

More people involved, less qualified



A new way to do LCAs/environmental assessments

is needed

is coming

How did we approach this?



Expert layer



- Established technology since 2007
- Thousands of users worldwide
- Wide availability of databases & methods





















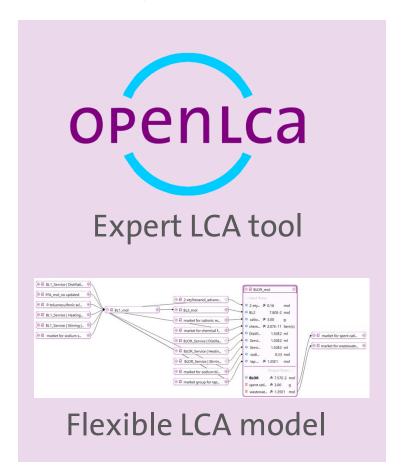




How did we approach this?



Expert layer



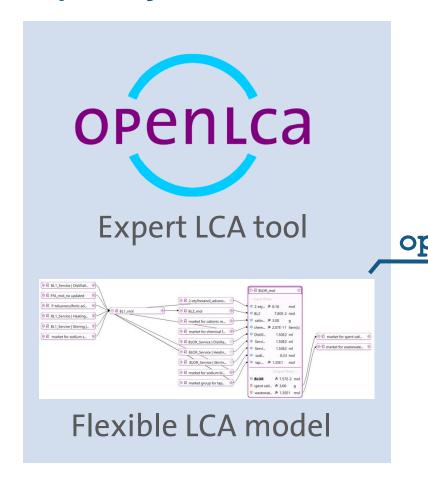
- Flexible LCA model (parametrised)
- Change quantities, providers, locations, etc.
- Standard compliant
- Specific to the client



How did we approach this?



Expert layer



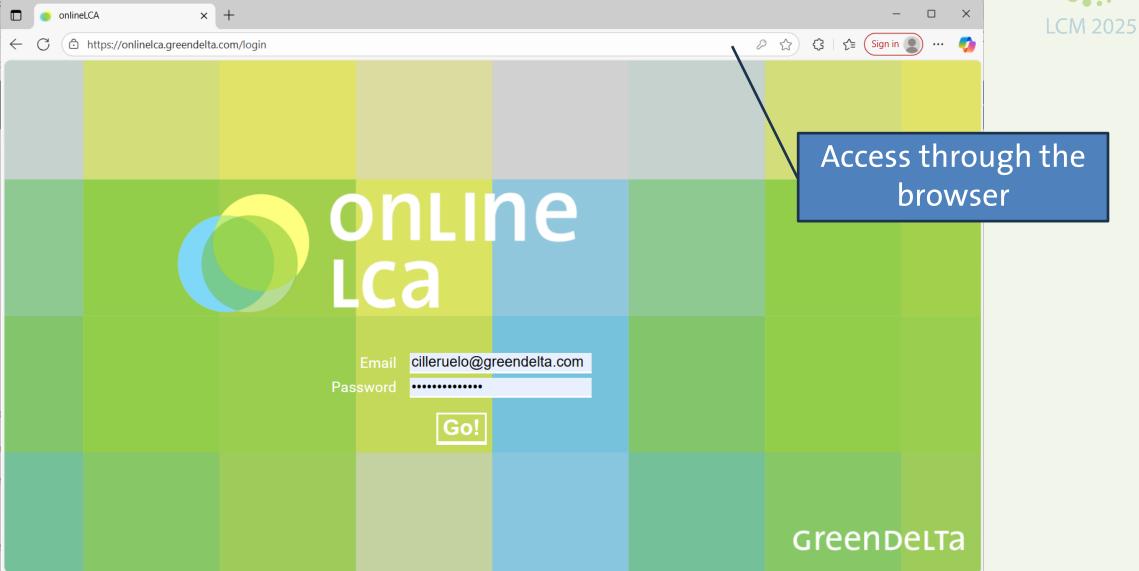
User layer





Log-in

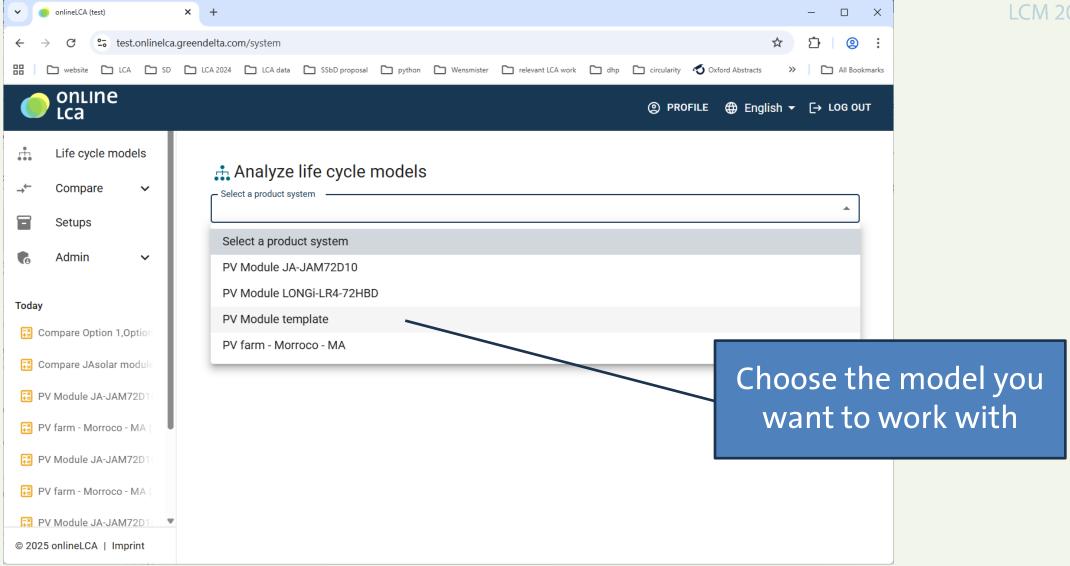






Home page

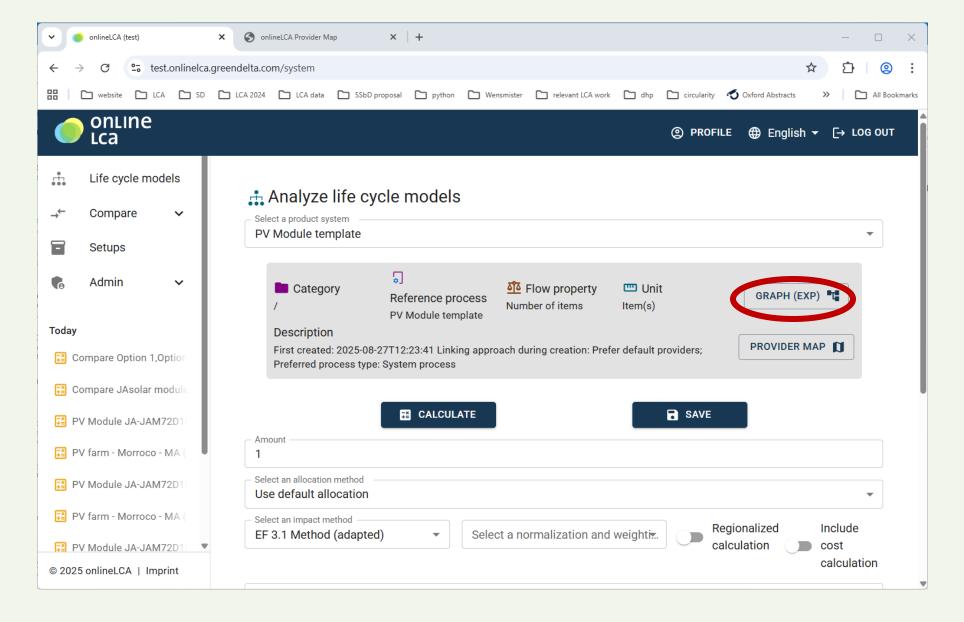






Inside a model

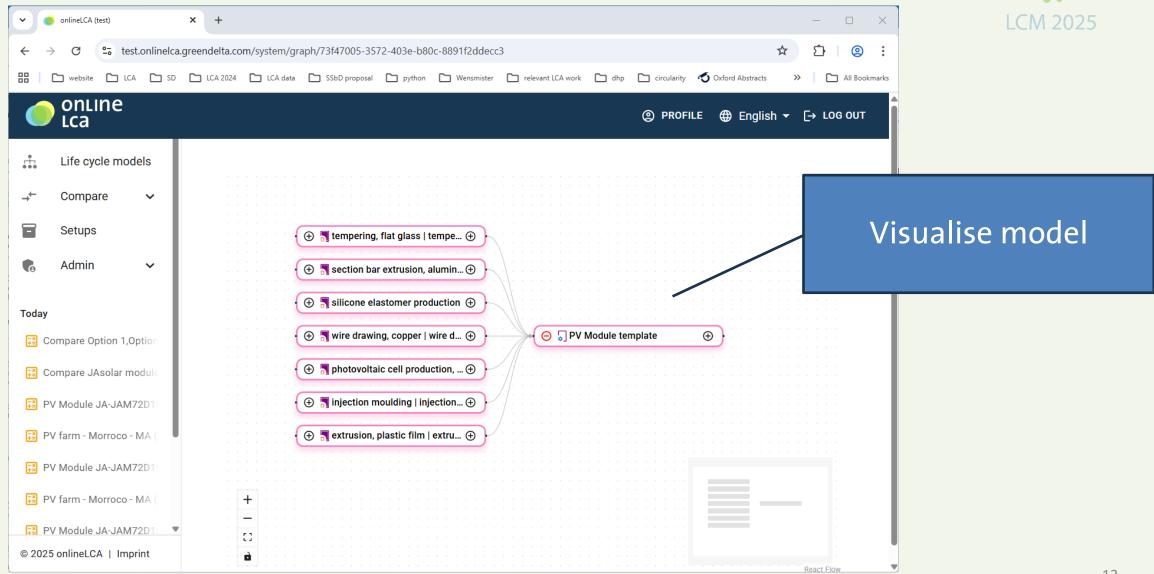






Inside a model

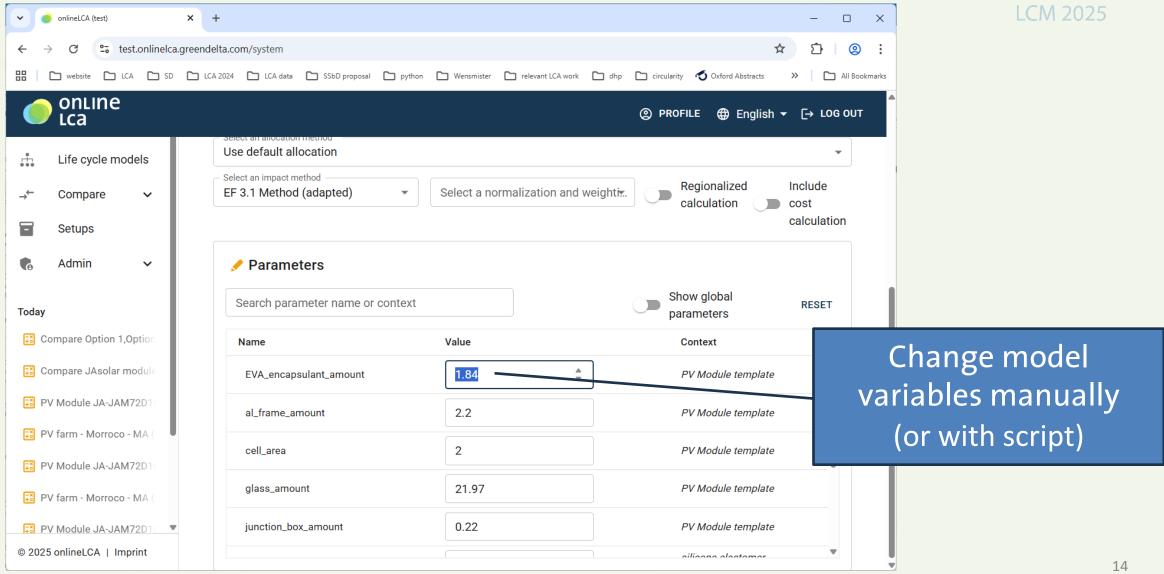






Inside a model

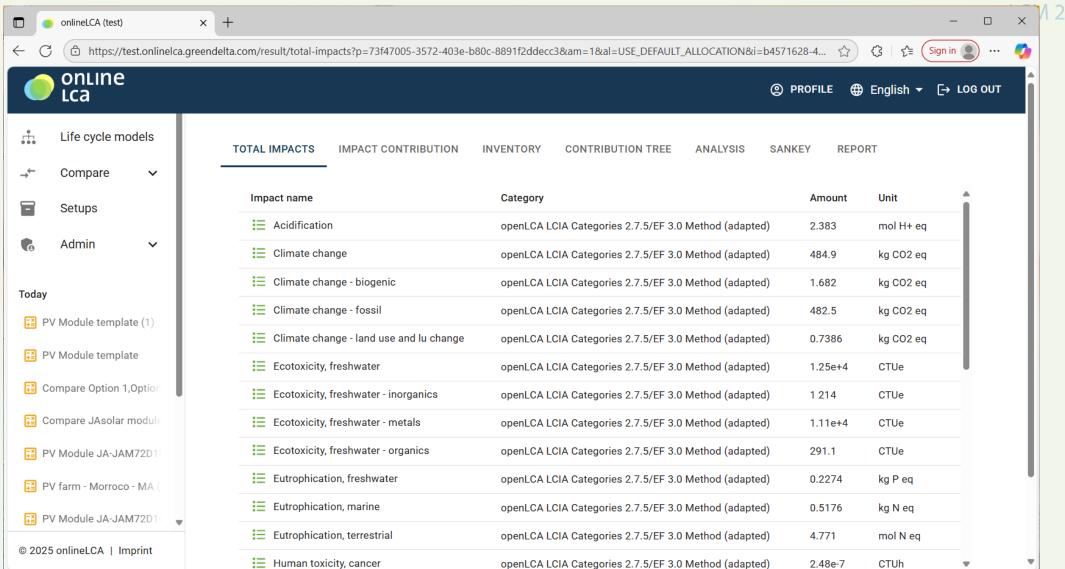






Calculation >> Results I

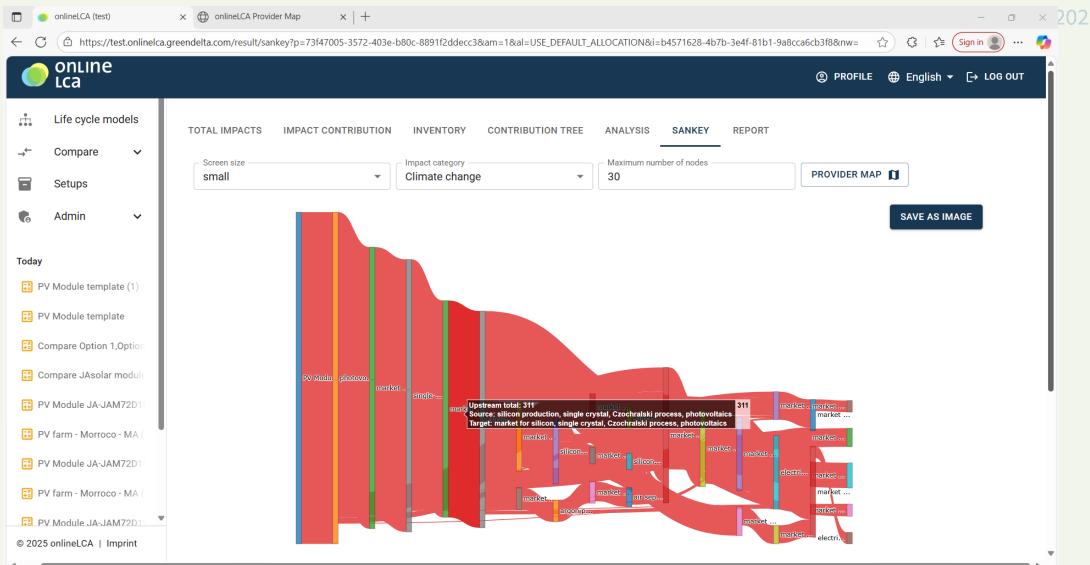






Calculation >> Results II

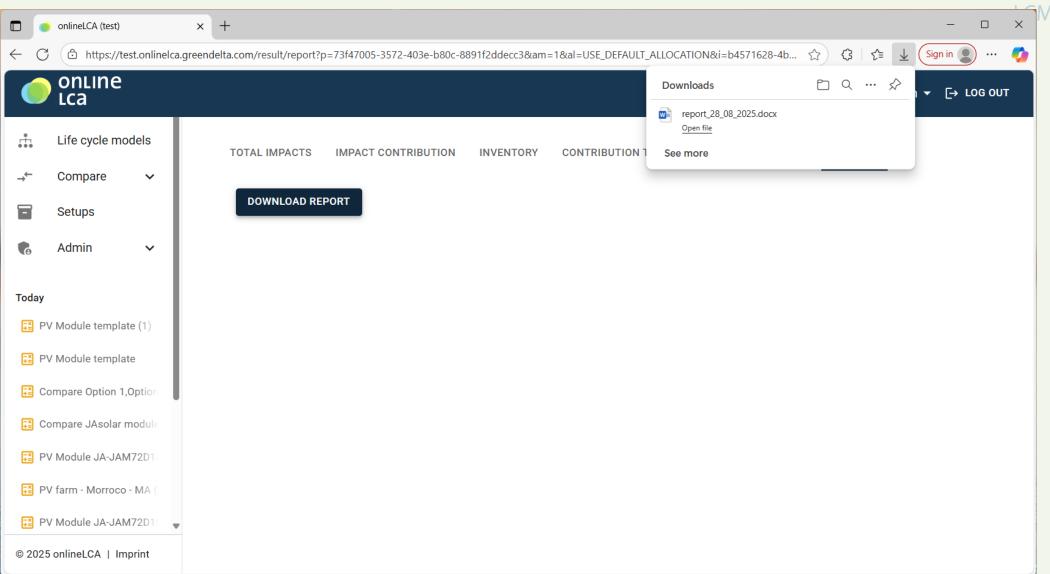






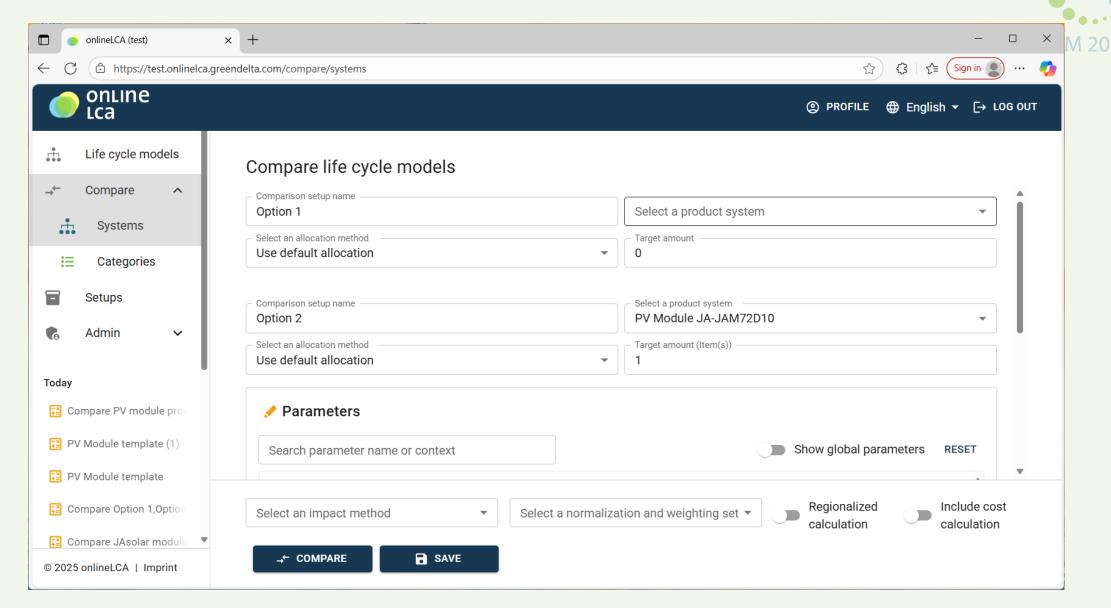
Calculation >> Results III





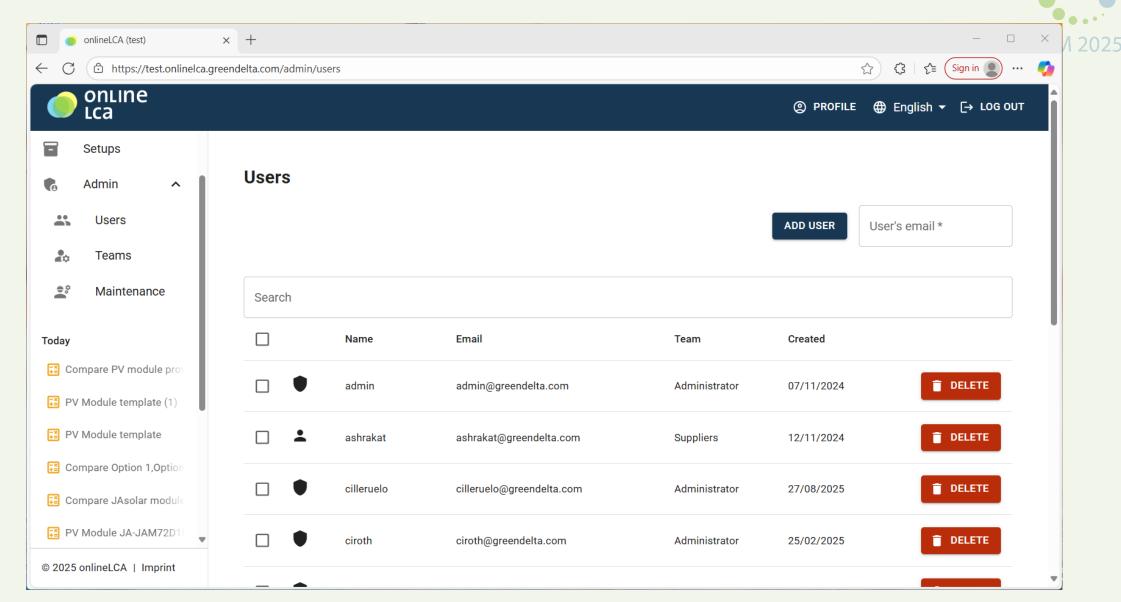


Comparisons





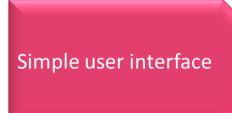
User management



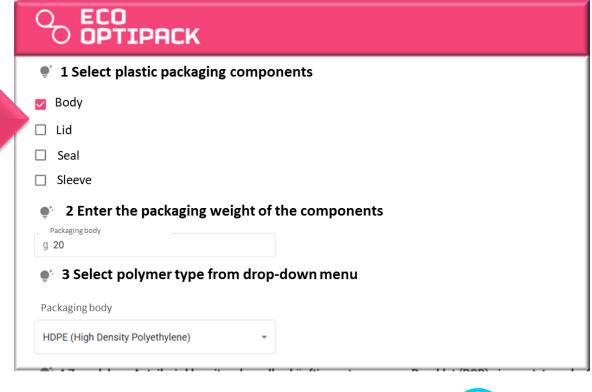
onlineLCA already in use



- ENGINE EU project
- SITOLUB EU project
- KlOptiPack German project
- Private clients



- Licenced product
- Closed source



Summary and Conclusions



- New ways for performing environmental assessments are needed.
- onlineLCA was presented as a new user interface to facilitate LCA work.
 - For non LCA experts
 - For quicker assessments
 - For cheaper assessments

From here, happy to talk!





Thank you for your time, lets speak!

Julia Cilleruelo Palomero, Consultant and Researcher GreenDelta GmbH

cilleruelo@greendelta.com

