

MEET THE EVAH INSTITUTE LCA/LCI/LCBA TEAM



MATHILDE Vlieg

Mathilde Vlieg is a MSc Industrial Ecology graduate from the TU Delft and University of Leiden in the Netherlands and is an Exemplar Global Lead Auditor to conduct LCA Peer Reviews with Evah for EN EPDs.

In Brisbane, Mathilde worked as a Global GreenTag product assessor and since 2015 she has been an Evah Associate.

To conferences, Mathilde has spoken about LCAs of timber and bioplastic vs recycled plastic and has given webinars on the future of LCA, including Benefit Assessment for the Forum for Sustainability through Life Cycle Innovation (FSLCI).

For several years, Mathilde was the OpenLCA Australasian contact. Living in Spain since 2020, she continues her Evah Institute work as well as European LCA and Life Cycle Thinking initiatives.

THE EVAH INSTITUTE

The Evah Institute aims to visualise, communicate and achieve climate and wildlife secure futures by enabling hope, inspiration and capacity amongst people so they are able to quantify, model and support carbon drawdown and regenerative development.

To enable companies achieve these ends, Evah associates develop new eco-profiling methods, including novel carbon drawdown rules and methods and life cycle assessment to quantify gains beyond environmental damage.

Associates of The Evah Institute routinely track, map, model, quantify and compare product supply chains for;

- local and global manufacturers seeking 3rd party certified GreenTag® ecolabelling,
- construction industry project teams seeking Green Building Council of Australia credits,
- asset managers, academics and manufacturers seeking market and product research.

Evah is custodian of Life Cycle Inventory (LCI) supply chain databases including the;

- NSW Government 1994-2000 LCI for Sydney 2000 Olympics,
- Australian Construction Innovation CRC 2000-09 LCI,
- Evah OzLCI2019 and international manufacturers 2010-20 LCI.

This Institute ensures long term returns on such large scale investments by paying it forward;

- as the Australasian agent for OpenLCA freeware used in most Australian universities,
- in pro-bono technical support for regeneration projects, earth laws initiatives and start-ups.

The Evah Institute is a Division of Ecquate Pty. Ltd described at <https://www.ecquate.com>. Its foundations were laid in LCA work done by New South Wales State Government Department of Public Works for the Olympic GreenGames hosted by the City of Sydney since 1995. Venues ecoprofiled included Olympic Park and Stadium Australia.

Extensive LCA work was also done for green procurement contracts by Australia's largest purchaser, NSW Supply as well as new public buildings.

This was followed by LCI database and LCA virtual modelling software development projects by the Australian Cooperative Research Centre for Construction Innovation funded by 21 partner Industry, Government and Research stakeholders depicted below. Evah founders worked on these projects with the CSIRO and International Research Partners including from the:

- International Council for Research & Innovation in Building & Construction <https://cibworld.org/>
- University of Salford Thinklab <https://thinklab.salford.ac.uk/>
- Stanford University Centre for Integrated Facility Engineering <https://cife.stanford.edu/>
- CSTB Scientific and Technical Centre for Building <https://www.cstb.fr/en/>
- VTT Technical Research Centre of Finland <https://www.vttresearch.com/en>
- BuildingSMART International <https://www.buildingsmart.org/>



In 2009, Ecquate and the Evah Institute were founded to take these eco-profiling tools into wider commercial practice. ecospecifier was an early adopter of these tools and scientific services that have informed Global GreenTag^{CERTM} and its eco-labelled manufacturers since it began..