

LCA 1.02

advanced course



Our new and compact online LCA 1.02 is targeted at current and lapsed LCA professionals wanting to keep abreast of the latest developments in the LCA practice and methodology. The world of LCA is moving fast these days and it is hard to keep up with the latest happenings relating to European standards, new impact methods and consequential LCA modelling.

We will be using a mix of interactive tools and exercises to cover off the breath of topics to help prepare students and existing practitioners pass the LCACP exam.

Registrants are required to bring their own LCA project to work through the course, which is to be approved prior to kickoff. Otherwise, they may select from topics set by the trainer.

To accommodate participants throughout Australia and New Zealand, we have designed the course into easy-to-digest online sessions, spread across two days per week (staggered throughout the month).

The course is CPD qualified and will attract 6 CPD points.
SimaPro LCA software will be used exclusively.

Course content

BUILDING A COMPREHENSIVE GOAL AND SCOPE

- Systematic process for development of functional unit and reference scenarios
- Choosing appropriate standard framework
- Data quality framework
- Dynamic LCA considerations
- Attributional or Consequential LCA

BUILDING A CRACKING INVENTORY MODEL

- Modularisation
- Variables and parameters to make scalable and responsive inventory models.
- Data options and data consistency.
- System expansion challenges & solutions
- Alternative fate of waste products

MODELLING RECYCLING AT BOTH ENDS OF THE LIFE CYCLE

- The circularity formulae
- Modelling net recycling rates from EN15804

EPD considerations

- Additional inventory indicators – how to model.
- Finding the right impact models
- Modelling background infrastructure

IMPACT ASSESSMENT

- Advanced LCIA modelling
- LCA and regionalisation
- Water and land impact

INTERPRETATION AND REPORTING

- Getting data out of software
- Auditing flows and background libraries
- Reporting for EPDs and Building LCAs
- Getting your LCA to speak to the audience.

Details

WHO SHOULD DO THE COURSE?

- Current and former LCA professionals
- Students who are about to sit the LCACP exam
- People wanting to stay up to date with the latest standards and approaches

IT REQUIREMENTS

- Excel
- Zoom
- SimaPro LCA software (will be supplied if participants do not have a working copy)

ABOUT YOUR TRAINER

Based in Melbourne, Tim Grant has worked in LCA for over 20 years and has undertaken over 50 full LCA studies including the development of the Australian National Life Cycle Inventory Database. He is the founding member and current director of the Australian Life Cycle Assessment Society and is a pillar of the international Life Cycle community through his involvement with the UNEP/SETAC Life Cycle Initiative, ISO standards development committee for ISO14048 and the Forum for Sustainability through Life Cycle Innovation.

COST

- Professionals: \$2,500 ex. GST
- Students: \$1,250 ex. GST

ENQUIRIES AND REGISTRATION

courses@lifecycles.com.au

lifecycles.com.au/life-cycle-assessment-training