# Life Cycle Assessment with openLCA

GreenDelta will be holding a training course on **April 9th & 10th, 2015**. The course will focus on using of the most current version of the professional, open source software openLCA (version 1.4.1).

## Meet the Trainers

GreenDelta has been developing openLCA since 2006. We continuously improve the software, expand its features and capabilities and keep it up-to-date with current life cycle assessment (LCA) practice. We are at the LCA forefront, offering specialized features such as regionalized LCIA as well as the ecoinvent 3.1 database. Next to software development, GreenDelta also offers Sustainability Consulting services such as guided case studies, research, critical reviews, EPDs and data management solutions.

## Objective + Target Audience

The aim of the course is to provide the knowledge necessary for you to carry out LCA studies single-handedly using the latest version of the openLCA software. Upon request, the course will cover life cycle assessment theory so no background knowledge is necessary. Should all registered participants have LCA experience, we will shorten the section on LCA theory and spend more time covering more advanced topics. The course is designed for those who are interested in gaining/deepening their knowledge, working in the LCA field, exploring the possibilities the software has to offer and/or want to know what has changed in the software since the release of version 1.4.

The course takes place in small groups (up to 6 people), allowing us to focus on each individual.

## Scope

The course will cover the following topics:

- LCA theory (upon request)
- first steps and basic functions in openLCA
- available data and data exchange
- modeling in openLCA
- life cycle inventory and impact assessment
- analysis and interpretation
- modeling with parameters
- sensitivity analysis
- allocation and system expansion

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Advanced topics will also be covered in the training. Which advanced topics are included in the course is dependent on the registered participants and their interests. Possible advanced topics include:

- uncertainty analysis
- Life Cycle Costing
- Social LCA
- regionalised LCIA
- scripting
- working with ecoinvent
- working with GaBi
- Environmental Product Declarations
- end-of-life modeling

When you register, please let us know what topics you are most interested and we will coordinate the content with you and the other participants.

We highly recommend that you bring a notebook to the training that meets the requirements for openLCA 1.4 (see the user manual to view the requirements). If you are unable to bring a laptop with you, please let us know and we will try to arrange one for the course.

Following the course we will provide our presentations as a pdf file. You will also receive a Certificate of Participation from GreenDelta.

## Time and Venue

The course will take place at the GreenDelta office located at Müllerstrasse 135, 13349 Berlin at the following times:

Thursday, April 9th: 10am to 6pm
Friday, April 10th: 9am to 5pm

## Registration, Fees and Accommodation

To register for the course, please fill out the registration form available online at openlca.org/training and return it to us per fax, mail or email.

The fee for the two-day course is 1,200 EUR (+VAT). Students and faculty members of educational institutions using the software for academic purposes will be charged a reduced fee of 1,000€ (+VAT). This fee includes course materials, coffee breaks and lunches. Accommodation and dinner costs are not included in the price. Information about hotels in the area can be found at openlca.org/hotels-nearby.

If you have any further questions, please contact us at training@greendelta.com.

We look forward to meeting you soon!