openLCA

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Trainings

GreenDELTA

Meet the developers

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 or the ecoinvent 3.4.

Professional training: conducting LCA studies and working in teams with openLCA

19th and 20th of September 2018

The professional openLCA training is for participants with basic knowledge in the field of Life Cycle Assessment (LCA). Previous experience with openLCA is not required. At the end of the training, participants will be able to model life cycle-based systems and apply LCA models in the context of circular economy. Moreover, the participants will have gained an understanding on how to organize openLCA projects in general (individually and in teams).

Day 1	Workshop Agenda
10:00 – 12:30	General Introduction
	session
	Introduction to openLCA
	Creating and calculating processes and life cycles
12:30 – 13:30	Lunch break
13:30 – 16:00	Working with openLCA
	Working with databases and sharing data
	Life Cycle Impact Assessment (LCIA)
	Working with parameters
16:00 – 16:30	Coffee break
16:30 – 18:00	Advanced tasks in openLCA
	Sensitivity analyses
	Comparative LCA studies

Day 2	Workshop Agenda
09:00 – 10:45	Multifunctional processes
	Short recap of day 1
	Allocation and system expansion
	Closed-loop modelling
10:30 – 10:45	Coffee break
10:45 – 12:30	Miscellaneous
	End-of-Life Modelling
	Data quality of models and databases
12:30 – 13:30	Launch break
13:30 – 16:30	openLCA tweaks and tricks
	Using openLCA to collaborate in teams
	Strategies for LCA case studies with openLCA
	Feedback

Advanced training: regionalized modelling, Product Environmental Footprints (PEFs) and social LCA in openLCA

21th of September 2018

This training addresses advanced aspects of openLCA.

 Specifically,

- Users can apply high-resolution regionalized inventories in openLCA and link them to regionalized LCIA models. As an example, the AWARE water footprint method is used in the training to create specific results for various regional resolutions.
- openLCA is core software for reading and exporting PEF pilot models and has implemented the new eILCD format for exchanging PEF models. openLCA has also own advanced format to exchange full models and contains the full PEF background database.
- Not the least, openLCA features unique possibilities to model social aspects for life cycle studies which will be addressed in the training

Day 1	Workshop Agenda
09:00 – 10:45	**Regionalised LCA studies**
	Regionalized inventory and regionalized LCIA models
	Customised regionalized impact assessments
	Case study using AWARE (water scarcity)
10:30 – 10:45	Coffee break
10:45 – 12:30	**Product Environmental Footprints (PEFs)**
	Introducing PEFs
	Working with PEF datasets
	Creating PEF models
12:30 – 13:30	Launch break
13:30 – 16:30	**Social LCAs**
	Social LCA in openLCA:
	Foreground, background, and hybrid models
	The PSILCA database
	Feedback

The registration form is provided at the end of this document.

Additional trainings

The below-listed training modules are available. In consultation with GreenDelta, trainings may be customised.

1. Introduction
2. Introduction to openLCA
3. Creating and calculating processes and life cycles
4. Working with databases and sharing data
5. Impact assessment
6. Advanced:
    a. Parameters
    b. Closed loop modelling
    c. EoL modelling
    d. Multifunctional processes: allocation and system expansion
7. Sensitivity analyses and comparisons
8. Modelling PEF compliant datasets and working with PEF data
9. Regionalized inventory and LCIA models
10. LCC
11. Social LCA
12. Data quality in models and databases
13. Collaboration in teams

Prices Type of training	Normal fee	Reduced fee
Group trainings	**per person and day**	
Standard	600,00 EUR	500,00 EUR
Inhouse1,2,3	700,00 EUR	On request
Online	500,00 EUR	250,00 EUR
Developer	1.500,00 EUR	On request
Private trainings	**per day**	
Standard	1.500,00 EUR	On request
Inhouse1	2.000,00 EUR	On request
Online	1.000,00 EUR	On request
Seminars	**per person**	
Advanced remote training	750,00 EUR	

Registration, Fees and Accommodation

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

The fee for the 2 days Professional training is 1.200,00 EUR (+VAT) per person. Students and faculty members of educational institutions using the software for academic purposes will be charged a reduced fee of 1.000,00 EUR (+VAT).

The fee for the 1 day advanced training is 800,00 EUR (+VAT) per person. Students and faculty members of educational institutions using the software for academic purposes will be charged a reduced fee of 650,00 EUR (+VAT). If you also participate in the training on Sep. 19 and 20, 2018, you will receive a 25% discount on this advanced course.

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
http://www.openlca.org/trainings/hotels-nearby.

Terms and Conditions

If you book group training in Berlin, you will receive comprehensive training material. For in-house train-ing and online training, the training material is provided online after the course. For the remote training, the learning material is provided as specified in the detailed description of the course.
The maximum number of participants for normal group training is 10 persons, for online training no more than 4 persons can attend; there are no limitations of attendees for the remote training.
We reserve the right to change the program, the date, or the venue. If the training must be cancelled, a new date will be coordinated with all participants.

If you cancel your registration two weeks before the training you will be refunded the full amount of the training fee. If you cancel your registration 8 - 13 days before the training, you will be compensated for 50% of the training fee. If you cancel within one week before the training you will be billed the entire training fee. If you are unable to attend the training for any reason, it is possible to send a different per-son in your place.

The venue

The workshop will take place at GreenDelta's premises in Berlin.
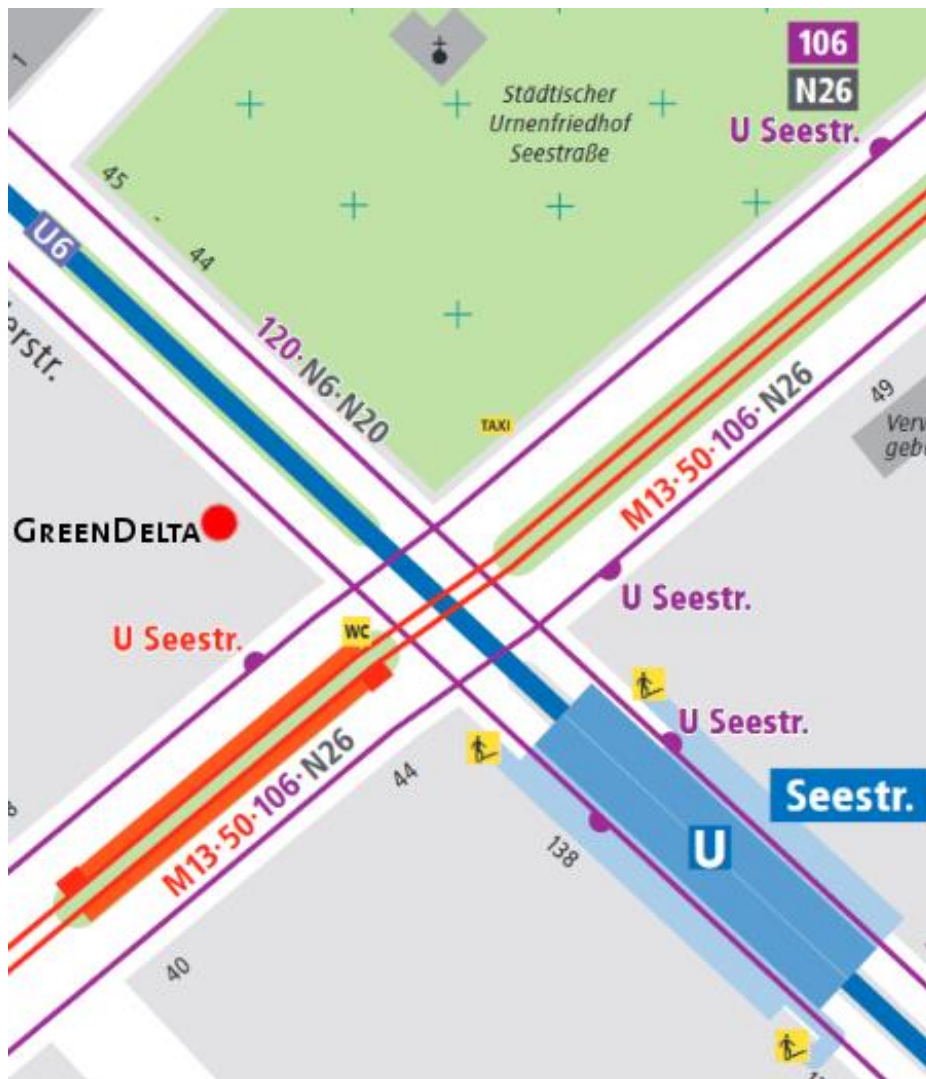
Address:

GreenDelta GmbH
Müllerstrasse 135
13349 Berlin, Germany

Getting there by public transport

The closest bus and metro station to our office is 'Seestraße' which is served for instance by the metro line U6 as well as the busses M13, M50, 106 and 120 (see below).

Please refer to our website for accommodations close to our office:
http://www.openlca.org/trainings/hotels-nearby/

The venue

Picture of the entrance

You enter just left of "Berliner Mieterverein" and then take the door on the right side to the second floor.

Please bring a laptop to work with and please have the latest version of openLCA 1.7 installed if not haven't done yet. If you cannot bring your own laptop, please let me know in advance.

Contact

If you have other questions not addressed by this document, need further clarifications on any of the points commented, please contact us:

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openLCA Trainings

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Registration Form

Content: ☐ 2-day professional training; ☐ 1-day advanced training

Type of training: Inhouse

Language: English

Price (excluding VAT; see above or refer to http://www.openlca.org/trainings/): _____

Participant information: Organisation information (if applicable):

Participant information	Organisation information
Name	Name
Address	Authorizing authority
City, Postal code	Signature and Stamp (Authority)
Country	
Tel. no.	
Email	
Job Title	
Department	
VAT No*	

* EU countries (excluding Germany): enter a valid VAT (MwSt, IVA, BTW, MOMS, TVA) number to save 19% tax.

Please complete the fields on this page and send a copy to GreenDelta GmbH via mail or-e-mail.

I hereby register for the above-specified training course. I have read and accept the Terms and Conditions.

Signature of Participant Date   Date

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