

88th LCA Discussion Forum

Frontiers in Life Cycle Sustainability Assessment – How can Life Cycle Thinking embrace the Triple Bottom Line?

Friday, 22. November 2024

Location of this DF LCA: **Wädenswil, Campus Grüental, Aula in GA 203**

The official language of this event is English

Life cycle-based approaches have an important role to play in assessing scenarios on how we can enable humanity to thrive in a socially just space that respects the ecological ceilings of our planet. The conceptual framework, that combines social, environmental as well as economic impacts, is Life Cycle Sustainability Assessment (LCSA) as a combination of environmental LCA, social LCA and Life Cycle Costing. LCSA has been introduced more than 15 years ago. Its concept is easily explained, but it is difficult to operationalise, with one of the main challenges being the harmonisation and integration of these three assessments.

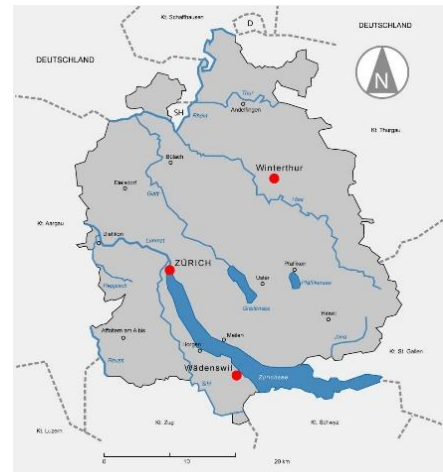
This LCA discussion forum will summarise the developments in the LCSA methodology in the last 15 years, show the current state of operationalisation of the LCSA methodology including specific examples as well as identify needs for future developments and research in order to further develop the LCSA methodology.

We look forward to welcoming you at the Campus Grüental in Wädenswil.

René Itten, Zurich University of Applied Sciences (ZHAW)

Thomas Sonderegger, Ecoinvent

Giuseppe Cecere & Lucia Rigamonti, Politecnico di Milano



Preliminary Programme

Time	Session	Speaker [Chair]
08:30	Registration and welcome	Barbara Dold, René Itten
09:00	LCA and the triple bottom line	[tbd]
09:00	Welcome and introduction the topic of the day.	René Itten, ZHAW
09:15	Decision maker perspective: Policy	Serenella Sala, EC-JRC
09:30	Decision maker perspective: Industry	Bastien Girod, Deloitte
09:45	Discussion	
10:00	Coffee Break	
10:30	Methodological concepts	[tbd]
10:30	State-of-the-art LCSA practice	Sonia Valdivia, WRF
10:50	Holistic and Integrated Life Cycle Sustainability Assessment	Walther Zeug, Helmholtzzentrum für Umweltforschung
11:10	Valuation of social and environmental externalities	Denise Almeida, CSTB
11:30	Participatory weighting and decision making	Alice Aubert, ZHAW
11:50	Discussion	
12:00	Lunch Break	
13:00	Short Presentations	[tbd]
13:00		
13:10		
13:20		
13:30		
13:40	Discussion	
13:50	Applied LCSA examples: Case studies	[tbd]
13:50	LCSA Integration in Orienting	tbc
14:10	LCSA from theory and experimental applications to practise	Heiko Keller, ifeu
14:30	From theory to practice: challenges and recommendations from FineFuture project	Lucia Rigamonti, Polimi
14:50	Discussion	
15:00	Coffee Break	
15:30	Workshops: moderated panel weighting	[tbd]
	Overarching question: Should we integrate across sustainability dimensions?	
3 Panel	Conduct a moderated panel weighting in three different panels and compare the outcomes. Different groups decide on their position regarding the overarching question (Should we integrate across sustainability dimensions?) and prepare arguments for their position. Overall podium in the plenary.	René Itten, Thomas Sonderegger, Giuseppe Cecere
16:30	Conclusions and final recommendations of the workshops	15 minutes each group
17:15	Conclusion / Summary	[tbd]
17:25	Synthesis, Announcements and Farewell	[tbd]
17:30	End of Forum	

Practical information

Registration

To register for the whole year or a single LCA Discussion Forum, please use the following link:

<https://ethzurich.eventsair.com/lca2024/registration/Site/Register>

To register you need to create a profile, which is done in very few steps and is self-explanatory. In case you are not able to pay by credit card, please send an e-mail to lcaforum@ethz.ch with a short notice that you want to receive an invoice instead. Please provide the full invoice address as well as the chosen fee type.

Please follow this link for the [programme and updates](#).

For all further questions regarding the registration process, please do not hesitate to contact: lcaforum@ethz.ch

Lunch

Vouchers for lunch at the ZHAW restaurant in the building GD will be provided to all participants. A vegetarian meal option is always on offer.

Location

Pay attention that this DF will **not take place at ETH** in Zürich, but in the main auditorium GA203 in the building GA of the Campus Grüental, Zürich University of Applied Sciences (ZHAW), 8820 Wädenswil.

How to get there

The bus stop is called “Wädenswil, Campus Grüental”. Please find your most convenient connection here: www.sbb.ch. If you use a car, please follow the signs to the official parking spaces or study the map provided below.

The auditorium, in German “Aula”, is close to the main entry of the ZHAW Campus Grüental (GA), see <https://tinyurl.com/ZHAWGA>.

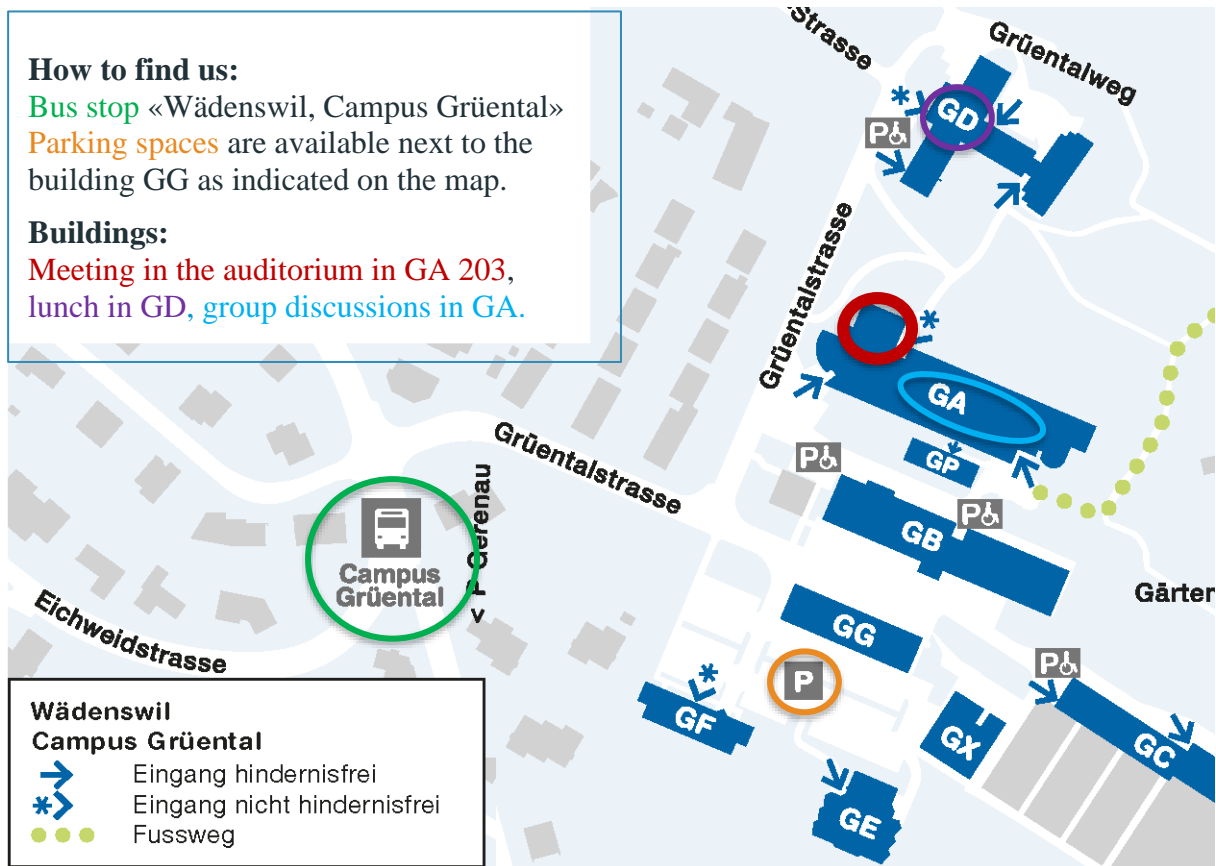
How to find us:

Bus stop «Wädenswil, Campus Grüental»

Parking spaces are available next to the building GG as indicated on the map.

Buildings:

Meeting in the auditorium in GA 203,
lunch in GD, group discussions in GA.



For further information, please contact Barbara Dold: lcaforum@ethz.ch