

83rd LCA Discussion Forum

Scope 3 Data in LCA of organisations – Between Simplification, Overwhelming and Greenwashing

7 June 2023, ETH Zentrum campus, **Room HG F1** and online
(→ **Room has changed for a 2nd time !!**)

We cordially invite you to the **83rd Discussion Forum on Life Cycle Assessment**
Presentations will be held in English

Increasingly, organizations use carbon footprint and/or full Life Cycle Assessment to understand and communicate their footprint across their value chain. The 'Scope 3' areas (i.e. activities from assets not owned/controlled by a reporting organization, but that this organization indirectly affects in its value chain) are often the most relevant greenhouse gas emitters, but also the most difficult elements along the supply chain to quantify.

Available data sources, i.e., process-based LCI databases and extended I/O-databases, as well as GHG-emission factor lists, are the bread and butter for such work. But in practice, they often leave us half-satisfied, e.g., because of questions like:

- . How should we **match scopes** (e.g., 14040 vs. 14064) ?
- . What to do in cases of **incomplete data** in any LCI or GHG database ?
- . May, should or mustn't we **mix databases** ?
- . How to treat the choice between 'GHG only' and 'full environmental' analysis?
and maybe more.

The present forum will address across its various presentations the following questions:

- . What are good practice examples for scope 3 analysis?
- . Where are limits and pitfalls of today's "Scope 3 analyses", from practitioners' points of view?
- . How can the (data) situation be improved?
- . How is decision making influenced, depending on whether Scope 3 uses GHG or full LCA?

Along the day, we will combine practical and conceptual presentations, and give enough time for discussion with the various presenters.

We look forward to meeting you in Zürich

Arthur Braunschweig
E2 Management Consulting Ltd., Zürich

Roland Hischer
Empa, St. Gallen

Programme (as of June 4, 2023)

* = Online contributions

Time		Speaker [Chair]
08:30	Registration, coffee & croissants	
09:00	Welcome and introduction into day	Arthur Braunschweig, E2
Setting the Scene		
09:15	Form follows function!? Differences in scope 3 data use cases	T. Viere / Uni Pforzheim
09:35	LCA for supporting corporate environmental reporting in the EU policy context: opportunity and challenges	S. Sala / EC-JRC
09:55	The long way to Net-Zero - Why and how Migros uses scope 3 environmental data	C. Etter / MGB
10:15	Discussion	
10:40	Coffee break	
Tools and Data		
11:10	ECOPRO / REGIS - 30 years of corporate eco-performance beyond GHG emissions	M. Kilga / sinum
11:30	The Journey to PCF- and LCA-Automation for complex products and production systems	M. Prox / i-Point Systems
11:50	Scope 3 – perspectives of a Data Supplier	N. Meyer / ecoinvent
12:10	Discussion	
12:30	Lunch	
the organizer's corner		
13:45	Carbon Footprint or Full Life Cycle Assessment – does the approach matter?	Arthur Braunschweig, E2 & Roland Hischier, Empa
Short presentations		
14:05	Our Story about the Use of Life Cycle Assessment	B. Simon / Mitsubishi Chemical
14:15	Product Environmental Report: The key to unlocking scope 3 emissions insight	M. Trachsel / Thermoplan
14:25	Purchases dominate the carbon footprint of research laboratories	*A. Estevez-Torres / Sorbonne Université & Labos 1point5
14:35	Carbon Footprint Scope 3 emissions of an Agrifood Research Institute	*N. Martínez Soler / IRTA
14:45	Scope 3 for SMEs: between simply overwhelming and overwhelmingly simple	G. Vorhoff / Carbotech
The Business View		
15:00	Scope 3 environmental data at Siemens: Opportunities, challenges and solutions	U. Grunder / Siemens
15:20	Coffee break	
15:50	Panel exchange on Scope 3 experiences with Post (L. Lopez) / Swisscom (M. Schlegel) / ETH Zürich (C. Zingerli) / Mondaine (A. Bernheim) / Migros (C. Etter)	Arthur Braunschweig, E2 & Roland Hischier, Empa & Company representatives
Synthesis and Conclusion		
17:15	Synthesis and conclusions of the day	Roland Hischier, Empa
17:30	Farewell	

Practical information

Registration open until 5 June 2023

Please use the following link:

<https://ethzurich.eventsair.com/lca-2023/reg/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.

For all questions regarding the registration process, please do not hesitate to contact:

lcaforum@ethz.ch

Covid-19

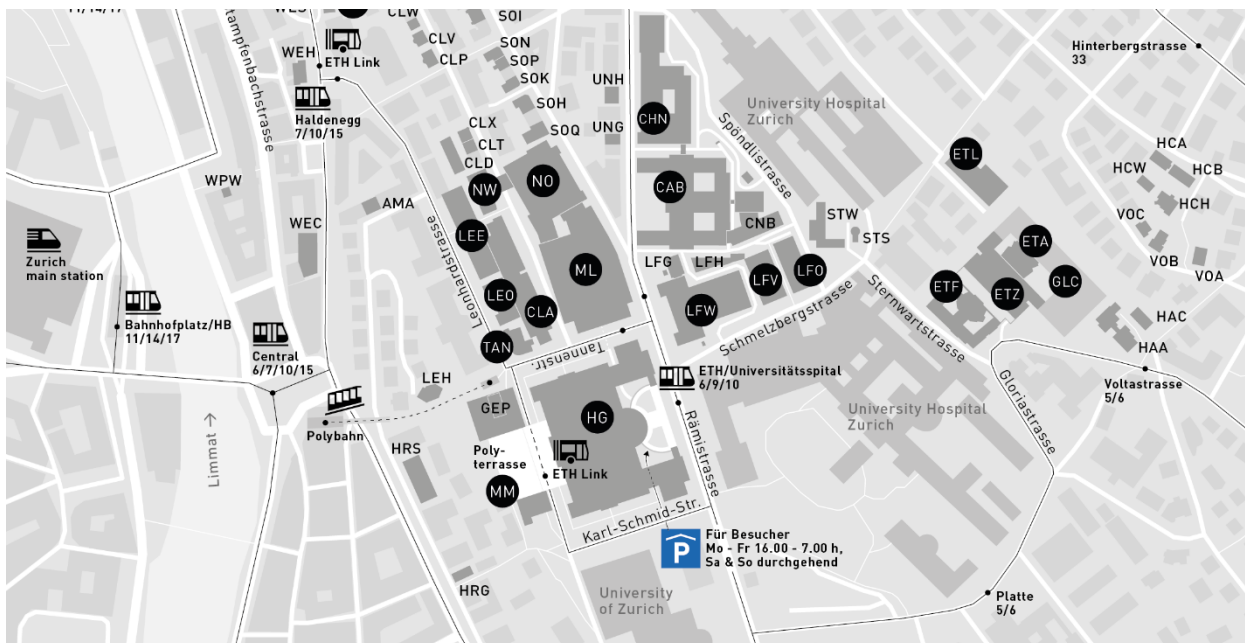
There are currently no restrictions or measures.

Lunch

Lunch will be served close to the location. A vegetarian meal option is always on offer.

Location

The DF will take place in the **room HG F1**, at Campus ETH Zentrum, ETH Zurich, Rämistrasse 101, 8092 Zurich (see map below). From the main train station, cross the river Limmat and use the "Polybahn" cable car.



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