

## 83<sup>rd</sup> LCA Discussion Forum

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

7 June 2023, ETH Zentrum campus, **Room HG E1.2** and online  
(→ **Room has changed due to the number of participants !!**)

We cordially invite you to the **83<sup>rd</sup> 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 Hischier  
Empa, St. Gallen

## Programme (as of June 1, 2023)

Time		Speaker [Chair]
08:30	Registration, coffee & croissants	
09:00	Welcome and introduction into day	Arthur Braunschweig, E2
<b>Setting the Scene</b>		
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	
<b>Tools and Data</b>		
11:10	ECOPRO / REGIS - 30 years of corporate ecoperformance 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	
<b>the organizer's corner</b>		
13:45	Carbon Footprint or Full Life Cycle Assessment – does the approach matter?	Arthur Braunschweig, E2 & Roland Hischier, Empa
<b>Short presentations</b>		
14:15	Our Story about the Use of Life Cycle Assessment	B. Simon / Mitsubishi Chemical
14:25	Product Environmental Report: The key to unlocking scope 3 emissions insight	M. Trachsel / Thermoplan
14:35	Carbon Footprint Scope 3 emissions of an Agrifood Research Institute	N. Martínez Soler / IRTA (Online)
14:45	Scope 3 for SMEs: between simply overwhelming and overwhelmingly simple	G. Vorhoff / Carbotech
<b>The Business View</b>		
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
<b>Synthesis and Conclusion</b>		
17:15	Synthesis and conclusions of the day	Roland Hischier, Empa
17:30	<b>Farewell</b>	

