

DF 80:
Biogenic carbon and climate change mitigation: silver bullet or flash in the pan?

9 June 2022, **Zurich**

Renewable feedstocks and their biogenic carbon is a key element of greenhouse gas emission policies towards net zero. However, today various approaches exist to model flows and related climate change impacts of biogenic carbon and biogenic CO₂, including disputed approaches and regulations which attribute reduced Global Warming Potentials for late CO₂ emissions.

Companies are starting to compensate their fossil-based CO₂ emissions caused in manufacturing with reforestation projects. Others sell their fossil CO₂ emission reductions achieved by switching to renewable materials as emission certificates to third parties. And again others claim reduced CO₂ emissions of their products compared to current standard products (handprints).

This LCA forum will provide a synopsis on the various approaches and facets of modeling biogenic carbon and biogenic CO₂ in economic sectors such as building and construction and agriculture and offers a discussion platform for resolving or better understand the positions and arguments related to contentious issues. It is supposed to foster harmonisation and, where not achievable, at least to contribute to increase transparency.

DF 81:
Changing the service economy: How to harmonize and compare LCA in the service industry

15 September 2022, **Wädenswil**

Today, service industries – i.e. finance, insurance, health care, tourism, transport, and telecom – are responsible for 75% of GDP in both the European Union and in Switzerland. While there are European and Global Standards for the environmental assessment of products as well as of companies, we currently lack specific guidelines that deal with the environmental assessment of services.

This forum will cover the various challenges for LCA of services such as the choice of functional unit or the question of comparability. Discussions about which types of functional units are possible and useful, how to deal with multi-output service processes as common in the service industry, and which approaches are suitable for a fair comparison of service companies and their output.

Ideally, the forum will help reaching recommendation on the use of approaches for the environmental analysis of services and of companies in the service industry.

DF 82:
Addressing the issue of plastic pollution: status quo and the way forward

4 November 2022, **Zurich**

Plastic waste and its impacts on the natural environment is a topic that is heavily present in the media. In 2017, the “Medellin Declaration on Marine Litter in LCA” was published as a call for action to incorporate marine litter in the assessments, in order to guide and accelerate policy making and other actions needed for reducing the environmental impacts on the oceans. Five years after its release (in 2022) it is time to take stock and shed light on which progress has been made in terms of addressing these impacts through the creation of science-based tools.

So far, large progress has been made in the development of impact assessment methods as well as approaches for inventory coverage, especially when it comes to marine plastic pollution.

This LCA forum will provide an opportunity for representatives from academia, government and economy to learn about the newest developments. Most importantly, it will also provide an arena for discussing the next steps that are necessary to tackle the assessment of mismanaged plastic and its potential impacts in all ecosystems.

Fees (lunch (on site only), videos and documentation included)

For a single forum

On site participation:

Standard fee: 300 CHF

Reduced fee: 90 CHF for PhD students and students

Online access:

Standard fee: 150 CHF

Reduced fee: 50 CHF for PhD students and students

Due to the uncertainties around Corona, there is no annual registration. If Corona forces us to remain online only, we will reimburse

- the price difference to those who registered and paid for on site participation and attend online;
- the full payment for those who prefer to cancel their participation.

Registration and payment

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

(<https://ethzurich.eventsair.com/lca-2022/reg>)

To register you need to create a profile, which takes a 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

Call for short presentations

You work on a topic relevant to one of the Discussion Fora in 2022 and wish to present your findings?

An "Open floor" session for short presentations will be available in each forum. Please contact the LCA Discussion Forum secretariat – the sooner the better.

Contact

For more information and to receive news on the LCA Discussion Forum, please contact the secretariat: lcaforum@ethz.ch

Website

To download the full program, presentations and/or papers of past and future forums:

LinkedIn: <https://bit.ly/3t6cf18>

www.LCAforum.ch (currently not available)

Mission and organization

The LCA Discussion Forum is a platform for an exchange between LCA practitioners working in industry, consulting companies, administrations and LCA scientists. Each LCA forum is dedicated to a specific topic of immediate interest related to

- experiences and challenges with LCA application in industry and administration
- scientific questions in life cycle inventory and life cycle impact assessment methodology development
- dissemination of new scientific findings and results of relevant LCA studies.

Internationally renowned speakers are invited according to the topic to present their work. Each forum offers an "open floor" session for short presentations. The LCA forum is dedicated to people interested in the field of LCA, working in Switzerland and abroad. Its content is defined by its board. Proposals are always welcome.

Board of the Association

- Arthur Braunschweig, E2 Management Consulting Ltd. (president)
- Stefanie Hellweg, ETHZ (vice president)
- Rolf Frischknecht, treeze Ltd.
- Gérard Gaillard, Agroscope
- Roland Hischier, EMPA
- Josef Känzig, BAFU
- Mischa Zschokke, Carbotech



2022

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