

74rd LCA Discussion Forum Monday, 29. June 2020

DF 74: LCA in the National Research Programme NRP 73 «Sustainable Economy»

Location of this DF LCA:

Online conference – Detailed access information will be communicated to all participants

The official language of this event is English

We cordially invite you to the **74th Discussion Forum on Life Cycle Assessment**. The growing global economy relies on unsustainably sourced and used natural resources to produce goods and deliver services. In order to generate scientific knowledge about a sustainable Swiss economy, the National Research Programme (NRP) 73 was launched. It aims to provide a holistic perspective including environmental, economic and societal implications along the whole value chain while also including the Sustainable Development Goals of Agenda 2030.

The Discussion Forum gives an opportunity for representatives from economy and academia to discuss the role of life cycle thinking and LCA results in various economic sectors relevant for the NRP 73, including construction, mobility, health, nutrition as well as sustainable behaviour of different stakeholders.

The research projects within the NRP 73 do not only focus on establishing the knowledge base, but also aim at analysing the effects of measures and instruments as well as applying life cycle management in the economy.

The 74th LCA Discussion Forum will show the diversity of life cycle based approaches applied within the NRP 73 and address the following overarching issues:

- How can decision-makers use life cycle based approaches to boost sustainable decisions?
- Which life cycle based approaches are best suited to reveal opportunities and risks for sustainability within the different economic sectors?
- Which instruments are most useful for combining environmental, economic and societal aims?

We look forward to meeting you online.

Regula Keller and Matthias Stucki,

Zurich University of Applied Sciences (ZHAW)

Draft Programme (as of 05.05.2020)

Time	Working Title	Speaker [Chair]
08:40	Welcome and introduction to the day	Matthias Stucki, ZHAW
08:45	Keynote: Which results are needed by decision-makers to work towards a sustainable economy? Which role should the rebound effect play in these considerations?	Bastien Girod, Member of the Swiss National Council
	Circular and sharing economy	[Regula Keller, ZHAW]
09:15	Resource pressure – a circular design method preceding LCA	Harald Desing, EMPA
09:35	Steps toward a sustainable circular economy	Stefanie Hellweg, ETH
09:55	The environmental potential of the sharing economy: motives, barriers and rebound effects	Rafael Laurenti, KTH Royal Institute of Technology
10:15	Discussion	
10:25	Coffee break	
	Responsible public and private consumption	[René Itten, ZHAW]
10:45	Global view on the impact of Swiss consumption and identification of social drivers	Marcus Berr, EMPA / University of Augsburg
11:05	Monitoring sustainability performance in public procurement through life cycle thinking	Tobias Welz, University of Berne
11:25	Options to extend the lifetime of electronic devices to reduce their impact from a life-cycle perspective	Marleen Jattke, ZHAW
11:45	Discussion	
12:00	Lunchbreak	
	Food production and consumption	[René Itten, ZHAW]
13:00	Applying data envelopment analysis to aggregate life cycle impacts for eco-efficiency assessment	Dario Pedolin, Agroscope / ETH
13:20	Transforming the food sector by combining LCA-results with nutritional aspects	Ashley Green, Agroscope / ETH
13:40	Discussion	
	Speed-dating: Short discussions in changing groups about the overarching issues (see abstract)	
13:55	Introduction speed-dating	Regula Keller, ZHAW
14:00	Speed-dating	All
15:00	Coffee break	
	Sustainable cities	[Matthias Stucki, ZHAW]
15:20	Environmental and economic assessment of a regional building materials industry combining material-flow-analysis, input-output-analyses and life cycle assessment	Ronny Meglin, HSR
15:40	Sustainable housing: life cycle tools to understand residents' consumption and their rebounds.	Rhythima Shinde, ETH
16:00	Bringing green best-practice into hospitals with an LCA approach	Karen Muir, ZHAW
16:20	Discussion	
	Synthesis, announcements and farewell	
16:35	Synthesis: connecting answers to the central questions	Regula Keller, ZHAW
17:00	Farewell	

Practical information

Registration

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

<https://ethzurich.eventsair.com/lcaforum/regdf74/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. Programme updates at: www.lcaforum.ch

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

Meeting online

Pay attention that this DF is an **online conference**. All participants will receive detailed information on how to access the conference.

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