

49th LCA Discussion Forum

SUSTAINABLE CONSUMPTION PATTERNS

18. September 2012, ETH Zurich, GEP

We invite you to the **49th discussion forum on Life Cycle Assessment**
This event will be held in English

Several national and international initiatives aim for a considerable reduction of environmental impacts due to today's consumption patterns. This LCA discussion forum intends to show and discuss life cycle approaches used for the analysis of consumption patterns. The existing potentials for a substantial reduction of environmental impacts and the possible role LCA can play in the analysis and quantification of such potentials will be outlined. Concepts that put these guidelines into practice like the "2000-Watt-Society" are explained and examples of its application are presented. There will be presentations about Webtools such as personal footprint calculators or other means of communication for highlighting results of an overall analysis of consumption patterns. Furthermore research work of universities concerning environmental impacts of consumption patterns is presented.

International speakers are invited and will provide a broader view on this approach.

We invite all LCA practitioners and other people interested in this approach and results from this study.

Looking forward to meeting you in Zurich!

Niels Jungbluth (ESU-services Ltd.)

For further information, please contact either the LCA Discussion Forum secretariat (lcaforum@quantis-intl.com, www.lcaforum.ch) or Niels Jungbluth (jungbluth@esu-services.ch, <http://www.esu-services.ch/projects/lifestyle/>, 0041 44 940 61 32).

1 Programme

Time	Title	Speaker
8:30	<i>Registration, Coffee and Croissants</i>	
9:15	Welcome	<i>Matthias Stucki, ESU-services Ltd.</i>
	Switzerland	
9:20	The idea of the 2000-watt-society and basic calculations on the regional level based on end-energy consumption	Urs Vogel, AMSTEIN + WALTHERT AG
9:50	Environmental impacts of consumption patterns in Switzerland and potentials for their reduction	Niels Jungbluth, ESU-services Ltd.
10:20	Discussion	
10:30	<i>Coffee break</i>	<i>Salome Schori, ESU-services Ltd.</i>
	Examples from Germany	
11:00	Carbon footprint of German eco-communities	Karl-Heinz Simon, Center for Environmental Systems Research, Universität Kassel
11:20	Strategic consumption and GHG-reduction potentials for households	Rainer Griesshammer, Öko-Insitut
11:40	Discussion	
	Short presentations	
12:00	EU FP7 research project "LCA to go"	Andreas Köhler, Delft University of Technology
12:05	Communication of LCA Results in a User-Friendly Way	Yves Loerincik, Quantis
12:10	Nescafé® LCA Communication Tool	Sébastien Humbert, Quantis
12:15	<i>Lunch break</i>	
	Web-based Eco-calculators for consumers	<i>Niels Jungbluth</i>
13:20	Web-based tools for the calculation of personal environmental balances	Fabian Scherer, ECOSPEED
13:45	A questionnaire for calculating eco-points of total personal consumption	Rene Itten, ESU-services Ltd.
14:10	Eco-calculators for Energy and CO ₂ developed in Germany	Hans Hertle, ifeu – Institut für Energie- und Umweltforschung Heidelberg GmbH
14:35	Discussion	
14:50	<i>Coffee break</i>	
	Scientific Contributions	
15:20	Multi-Demand Modelling in LCA – The Assessment of Household Consumption in Swiss Communities	Dominik Saner, ETH Zurich
15:40	Integration of Rebound Effects into LCA – from a static to a dynamic model for households CO ₂ emissions	Bastien Girod, ETH Zurich
16:00	Discussion	
16:20	Feedback, wrap-up and farewell	Stefan Pfister, ETH Zurich