

## **57<sup>th</sup> LCA Discussion Forum**

# **LIFE CYCLE ASSESSMENT IN THE BUILDING SECTOR: ANALYTICAL TOOLS, ENVIRONMENTAL INFORMATION AND LABELS**

**December 2, 2014, ETH Zürich, Alumni Pavillon**

We cordially invite you to the **57<sup>th</sup> Discussion Forum on Life Cycle Assessment**  
The official language of this event is English

Buildings are an important consumer of energy and an important source of greenhouse gas emissions. In the last decade buildings and their environmental impacts are getting more and more attention. Analytical tools are being developed, environmental information based on environmental product declarations is being standardised and several sustainability and environmental tools and labelling schemes are being used in Switzerland. The discussion forum will provide an overview on different tools, information and labelling schemes, highlighting common aspects and main differences. The application of life cycle based information in the planning process is presented from the perspectives of building owners, practitioners and industry. The situation in neighbouring countries is described and the influence of the European Union's construction products' regulation on the current landscape of environmental tools and labels is discussed. Results from recent research projects are shown. Needs and expectations from the viewpoint of building owners, planners and architects, and suppliers, respectively will be discussed. The goal of the discussion forum is to support informed decisions about the most appropriate environmental information and labelling schemes for the coming decade.

We look forward to meeting you in Zürich



Rolf Frischknecht, on behalf of the organising committee

## Preliminary Programme (as of November 20, 2014):

Time	Title	Speaker	[ Moderator ]
8:30	Registration, coffee & croissants		
9:15	Welcome and introduction	Rolf Frischknecht, treeze	
	Setting the scene		[ Franziska Wyss ]
9:20	The Swiss landscape of environmental information in the construction sector	Daniel Kellenberger, Intep	
9:40	The demand for environmental information: why do we rely on life cycle assessment data (KBOB-recommendation)?	Annick Lalive, City of Zurich	
10:00	The use of environmental information in the planning process: why do we use life cycle based information?	Manfred Huber, aardeplan	
10:20	The supply of environmental information: why do we provide transparent LCA data to the KBOB-recommendation?	Dominic Hofstetter, Flumroc	
10:40	Coffee break		
	Situation in European countries		[ Franziska Wyss ]
11:10	Environmental assessment of buildings in Germany	Thomas Lützkendorf, KIT	
11:30	Environmental assessment of buildings in Austria	Alexander Passer, TU Graz	
11:50	Environmental assessment of buildings in France	Sébastien Lasvaux, CSTB	
12:10	Lunch		
	Future developments in European legislation, harmonisation and research		[ Rolf Frischknecht ]
13:10	The European Union's construction products' regulation: its mechanisms and potential consequences on the current landscape of environmental labels and tools in the construction sector	Andreas Bossenmayer, OFCL, Swiss Federal office for construction and logistics	
13:30	Overview of EU harmonisation of building environmental assessment tools and labelling: the EeBGuide	Sébastien Lasvaux, CSTB	
13:50	The Standard Sustainable Construction Switzerland: experiences and perspectives	Daniel Kellenberger, Intep	
14:10	Target values regarding environmental impacts of buildings	Franziska Wyss, treeze	
14:30	The environmental significance of construction: the case of wood buildings	Niko Heeren, ETHZ	
14:50	Coffee break		
	Short presentations and Plenary discussion		[ Rolf Frischknecht ]
15:20	Compatibility of elevator PCR (draft) with other tools and standards	Cornelia Stettler, Carbotech	
15:30	Life Cycle Assessment, wood products and building materials – on-going activities in COST Actions FP1303 and FP1407	Andreja Kutnar, University of Primorska, Koper, Slovenia	
15:40	Modelling the use phase of building materials: Approach and preliminary results	Daniel Savi, Büro für Umweltchemie	
15:50	Mainstreaming life-cycle analysis for buildings and materials	Andrea Brown, Director, WBCSD Safe and Sustainable Materials Cluster	
16:00	Needs, requirements and expectations related to environmental information on buildings	Plenary discussion	
16:35	Wrap-up		
16:40	News from the LCA forum association, announcement of DF 58 and 2015 programme	Yves Loerincik, Quantis Intl.; Stefanie Hellweg, ETHZ	
16:45	Farewell		

## 1 Practical information

### Application form

To register for the 57<sup>th</sup> DF, please fill in the application form (pdf) attached and send it to the LCA Discussion Forum secretariat ([lcaforum@quantis-intl.com](mailto:lcaforum@quantis-intl.com)). Please do not forget to indicate your affiliation and if you are a student, a PhD student or a member of Swiss cleantech (special fees apply, see application form). Programme updates will be available at [www.lcaforum.ch](http://www.lcaforum.ch).

### Invoice

Once the application form is sent to the LCA Discussion Forum secretariat ([lcaforum@quantis-intl.com](mailto:lcaforum@quantis-intl.com)) and the registration is confirmed, an invoice will be sent by email to each participant.

If you cannot pay by transfer payment prior to the DF, you will have the possibility to pay in cash (only) the morning of the DF, at the reception desk, from 8:30 to 9:00 am.

### Lunch

Vouchers for lunch at the ETH restaurant will be provided to all participants. A vegetarian meal option is always on offer.

### Location

The DF will take place in the Alumni (GEP) Pavillon, Swiss Federal Institute of Technology Zurich, 8001 Zurich.

<https://maps.google.ch/maps/ms?msa=0&msid=205813047619347088253.0004e0af154b1fc2c1968&ie=UTF8&ll=47.376616,8.546441&spn=0.00287,0.006968&t=m&z=18&vpsrc=6&iwloc=0004e0af154df9d0190e4>



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