

57th 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 **57th 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 October 22, 2014):

Time	Title	Speaker [Moderator]
8:30	Registration, coffee & croissants	
	Setting the scene	
9:15	Introduction	
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 Zuerich
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	
	European situation	
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	
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
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	
15:20	Compatibility of elevator PCR (draft) with other tools and standards	Cornelia Stetter, Carbotech AG
15:30	Modelling the use phase of building materials: Approach and preliminary results	Daniel Savi, Büro für Umweltchemie
15:40	nn	nn
16:00	Needs, requirements and expectations related to environmental information on buildings	Plenary discussion
16:40	Wrap-up	
16:45	News from the LCA forum association, announcement of 2015 program and DF 58	Yves Loerincick, Quantis Intl., Stefanie Hellweg, ETHZ
16:50	Farewell	

1 Practical information

Application form

To register for the 57th DF, please fill in the application form (pdf) attached and send it to the LCA Discussion Forum secretariat (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.

Invoice

Once the application form is sent to the LCA Discussion Forum secretariat (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>



For further information, please contact Franziska Wyss: wyss@treeze.ch