

27th LCA Discussion Forum

LCA in Industry: Challenges and Approaches to Make it more Practical

November 17, 2005

**Swiss Federal Institute of Technology (ETH)
Zürich, Switzerland
GEP Pavillon**

Contact: lcaforum@epfl.ch

Information on the LCA Discussion Forums: <http://texma.org/lcaforum/>

We are pleased to invite you to the 27th Discussion Forum on Life Cycle Assessment.

During the 25th Discussion Forum “Dissemination, application and assessment of LCA in companies” it became apparent that industry needs more practical and simplified methods for environmental assessments. The 27th Discussion Forum takes up this request. Application-oriented and scientific approaches for performing LCA in companies will be presented and discussed, in particular with regard to the chemical, material and electronics industry. Methodological solutions presented on the forum include generic tools for the estimation of inventory data of chemical production and end-of-pipe processes as well as various methods for shortcut or streamlined LCA developed in co-operation with industry.

The conference will facilitate the exchange of experience between practitioners from industry and developers of LCA tools. Representatives from industry will have the opportunity to learn about new and practical approaches and their implementation in companies. Moreover, they can challenge these approaches and influence future method development by expressing their needs to method developers. In return, method developers will have the chance to get useful feedback from industry and draw conclusions for further research and development.

The attendants of the discussion forum are encouraged to contribute to and participate in the discussions and the evaluation of the tools presented.

Proposals for additional short presentations (10 min) are appreciated.

We are looking forward to a challenging meeting and welcoming you in Zürich.

Best regards,

Annette Köhler - Empa – Material Science & Technology, LCA Unit

Stefanie Hellweg – ETH Zürich, Safety and Environmental Technology Group

Program:

09:00 h	Registration, Coffee
09:45 h	Welcome and Motivation Annette Köhler (Empa / ETHZ)
09:55 h	Methodological basis for product-related eco-design Rainer Züst (Schweizerisches Institut für Systems Engineering) (30 min) Implementation: Roland Hoegger (Geberit) (10 min) Discussion (10 min)
10.45 h	Break
11.00 h	Generic inventory tools for chemical industry Gregor Wernet (ETHZ): An estimation method for the production of fine chemicals (10 min) Christian Capello (ETHZ): Ecosolvent: A tool for waste solvent management (20 min) Implementation: David Bayne (Ciba SC) (10 min) Alfred Huwiler (Lonza) (10 min) Discussion (10 min)
12:00 h	Lunch
13:30 h	Simplified LCA for the electronics industry Hans J. Tobler (IG exact) (20 min)
13:50 h	Implementing life cycle approaches at Alcan Gerald Rebitzer (Alcan) (20 min) Discussion (10 min)
14:20 h	Coffee break
15:10 h	A toolbox for “quick and sound” LCA Julia Pflieger (IKP) (10 min) Marloes Caduff (E2) (10 min) Fredy Dinkel (Carbotech) (10 min) Discussion (10 min)
15:50 h	Short presentations Green-E: a Tool for the Quantification of Company Environmental Impacts, Yves Loerincik (EPFL) (10 min) Developing an LCA software in Hungary for a more sustainable production, Klára Szita Tóthné and Tímea Molnár Siposné (University of Miskolc, Hungary) (10 min) Shortcut LCA techniques to identify, manage and mitigate environmental risk of military equipment, Peter Garrett (Environmental Resources Management, UK) (10 min)
16:20 h	Final discussion
16:50 h	Farewell

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Application Form

Yes, I will participate in the 27th Discussion Forum at ETH Zürich, November 17, 2005.

... I have already subscribed for the three forums of 2005.

... I subscribe for this single forum (250 CHF, 60 CHF for PhD students and students).

... I subscribe as a member of a sponsoring organisation.

(Payment invoice will be sent once your application form has been received.)

.... I would like to submit an abstract for a short presentation (10 minutes) (Please submit the abstract (max 200 words) with your name and affiliation, starting with presenting the author).

.... No, I will not be able to participate, but I would like to be invited to subsequent forums.

.... Please do not send further invitations to me.

Family name:	First name:
Affiliation:	
Address:	
Zip code:	City:
Country:	
Telephone:	E-mail:

Please send the registration form to:

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