

# Swiss Discussion Forum on Life Cycle Assessment (LCA) 2009

## Carbon footprint and LCA: identify the most effective way to reduce the environmental footprint of consumers' goods

March 19<sup>th</sup>, 2009, Lausanne (in English)

## LCA of future technologies

June 19<sup>th</sup>, 2009, ETH Zürich (in English)

## Regionalization in LCA: Challenges, Opportunities and Complexity

November 13<sup>th</sup>, ETH Zürich (in English)

### Sponsors 2009:



## Carbon footprint and LCA: identify the most effective way to reduce the environmental footprint of consumers' goods

DF 37, March 19<sup>th</sup>, 2009, Lausanne (in English)

Current standardization activities cover the carbon footprinting of consumer products. Some retailers aim at quantifying the carbon footprint of all their products. Others label the best in class products in terms of climate change impacts or use LCA within the organization to guide professional purchasers and to reveal the consumer from daily and instant choices to be made in the store. This 37<sup>th</sup> DF serves as a platform for retailers and companies to discuss the approaches and to find way forward how one can best profit from information gained with the help of LCA. The thematic will be about communication of LCA results, reliability of labels and whether or not they reach the consumers.

## LCA of future technologies

DF 38, June 19<sup>th</sup>, 2009, ETH Zürich (in English)

The environmental assessment of future technologies faces several challenges. Firstly, the performance and efficiency of future technologies will differ from those of laboratory or pilot scale equipment or from performance and efficiency figures gained with process modelling. Secondly, the basic economic, environmental and social conditions will change with time and thus will differ from the basic conditions of our current economy, environment and society. Neglecting such expected changes in the environmental assessment of future technologies may lead to a severe impediment for the market entrance and growth of promising future technologies. The discussion forum will shed light on the main drivers and principles that ensure a sensible and fair assessment of far future technologies. It will also present the most recent European developments in the identification of specific external damage costs per kg resource extracted and pollutant emitted.

## Regionalization in LCA: Challenges, Opportunities and Complexity

DF 39, November 13<sup>th</sup>, ETH Zürich (in English)

Regionalization allows for explicit spatial modelling in both life cycle inventories and life cycle impact assessment. However, there are numerous challenges in determining the correct spatial scale for a particular environmental problem, gathering the geographically encoded data, and integrating this assessment into standard LCA practice. DF 39 will showcase recent and ongoing research on all levels of regionalization, including case studies. It will address themes like the need for regionalization, the types of errors that will be changed by the inclusion of regionalization, the datasets available and not currently used, the standards necessary for regionalized data, and the level of geographic information needed.

## Application form

Please send back this application form (see backside),  
fax it to +41/91/968 10 93  
or apply by e-mail: lcaforum@ecointesys.ch

I subscribe for:

- Complete annual Forum series**  
(300 CHF/200 €, 100 CHF/70 € for PhD students and students)
- DF 37: Carbon footprint and LCA: identify the most effective way to reduce the environmental footprint of consumers' goods**  
March, 19<sup>th</sup> 2009, Lausanne (250 CHF/180 €, 60 CHF /40 € for PhD students and students)
- DF 38: LCA of future technologies**  
June 19<sup>th</sup>, 2009, ETH Zürich (250 CHF/180 €, 60 CHF /40 € for PhD students and students)
- DF 39: Regionalization in LCA: Challenges, Opportunities and Complexity**  
November 13<sup>th</sup>, ETH Zürich (250 CHF/180 €, 60 CHF/40 € for PhD students and students)
- Please note my address and send me the detailed programmes and invitations for the upcoming Discussion Fora

I would like to give a 5-10 minutes short presentation at:

- DF 37                       DF 38                       DF 39

Topic: .....



Stamps

LCA Forum  
Ecointesys - Life Cycle  
Systems  
PSE EPFL

CH-1015 Lausanne  
Switzerland

**Sender**

Family Name: .....

First Name: .....

Affiliation: .....

PhD student / student: YES / NO

Address: .....

.....

Zip code: .....

City: .....

Country: .....

E-mail: .....

Signature: .....

**Call for short presentations**

You work on a topic relevant for one of the Discussion Fora in 2009 and wish to present your findings?

"Open floor" sessions for short presentations are available in all three Discussion Fora.

Please contact the LCA Discussion Forum secretariat ([lcaforum@ecointesys.ch](mailto:lcaforum@ecointesys.ch))

**Fees**

(all Prices are VAT not included)

For the complete annual Forum series:

Standard fee: 300 CHF / 200 €,

Reduced fee: 100 CHF / 70 €  
for PhD students and students

For a single Forum:

Standard fee: 250 CHF / 180 €,

Reduced fee: 60 CHF / 40 €  
for PhD students and students

**Contact**

For more information and to receive news on the LCA Discussion Forum, please contact

[lcaforum@ecointesys.ch](mailto:lcaforum@ecointesys.ch)

**Website**

To download the full program and presentations and / or papers of past and future fora

<http://www.lcainfo.ch/df>

**Mission and organisation**

**Mission:**

The LCA Discussion Forum is a platform for the exchange between LCA practitioners working in industry, consulting companies and administration and LCA scientists. Each LCA forum is dedicated to a specific topic of immediate interest related to

- experiences and challenges with LCA application in industry and administration
- scientific questions in life cycle inventory and life cycle impact assessment methodology development
- dissemination of new scientific findings and results of relevant LCA studies

Internationally reknown speakers are invited according to the topic to present their work. Each forum offers an "open floor" session for short presentations. The LCA forum is dedicated to people interested in the field of LCA, working in Switzerland and abroad. Its content is defined by an advisory board.

**Advisory board:**

- Yves Loerincik, Ecointesys - LCS (co-ordinator)
- Arthur Braunschweig, E2 Management Consulting Inc.
- Rolf Frischknecht, ESU-services Ltd.
- Stefanie Hellweg, ETHZ / ICB
- Roland Hischier, Empa
- Thomas Koellner, ETHZ / UNS
- Claude Patrick Siegenthaler, Hosei University
- Andrea Weber Marin, ETHZ / AM