

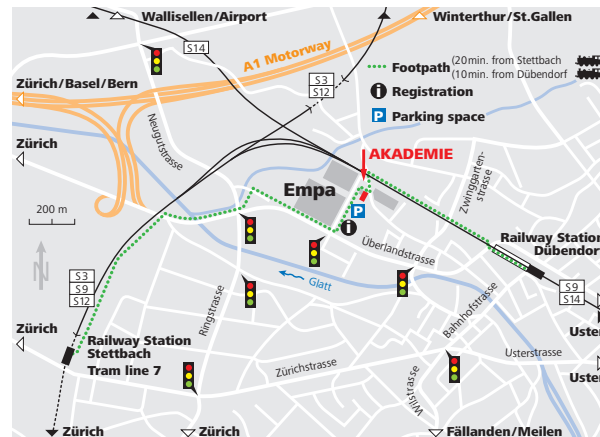
postage

LCA Discussion Forum
Ecointesys – Life Cycle Systems
Parc Scientifique de l'EPFL
CH-1015 Lausanne
Switzerland

Information

- Registration fee:** Full Participants CHF 250.- / € 170.-
PhD students & students CHF 60.- / € 40.-
- Lunch:** CHF 35.- / € 22.-
(to be paid cash upon arrival)
- Registration:** Send registration form or E-Mail to lcaforum@ecointesys.ch by November 10, 2008
An invoice and hotel information will be sent upon reception of your application.
- Language:** English
- Contact:** LCA Discussion Forum
Ecointesys – Life Cycle Systems
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Directions



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ESU-services
fair consulting in sustainability

ecointesys
life cycle systems



36th Discussion Forum

LCA of Future Biofuels



Empa, CH-8600 Dübendorf
AKADEMIE, Überlandstrasse 129

Monday, November 17, 2008
09.00–17.10

Registration online at
lcaforum@ecointesys.ch

■ LCA of Future Biofuels

We are pleased to invite you to the 36th discussion forum on Life Cycle Assessment of Future Biofuels on November 17, 2008.

Nowadays the discussion about biofuels is dominated by food security issues and ecological concerns. Indeed, various studies on currently used biofuels have shown that environmental impacts over the whole production chain are often higher than for the fossil reference. New hope is set on coming technology developments and improved feedstocks. They promise higher efficiencies and lower environmental impacts.

The conference will provide an overview on recent LCA approaches and results of several case studies about future bioenergy, including BTL-fuels and synthetic natural gas (SNG), as well as emerging feedstocks like jatropha and algae. Crucial questions from an LCA viewpoint are:

- Is the overall environmental performance of future biofuels better than that of current biofuels?
- Which feedstocks should be preferred?
What are the most promising technologies?

However, LCA deals with only one aspect of sustainability. To obtain a complete picture of the future potential of biofuels, environmental impacts should be weighted against impacts on the socio-economic level. At this conference a holistic approach for the technology assessment of future biofuels will be presented. Furthermore opportunities and threats of biofuels from the perspective of the rural poor will be discussed.

Looking forward to meet you in Dübendorf

Rainer Zah, Empa and
Niels Jungbluth, ESU-services Ltd.



■ Program

- 09.00 Registration
- 09.30 Welcome
Rainer Zah, EMPA und Niels Jungbluth,
ESU-services Ltd.
- 09.35 Swiss Regulation of Agrofuels and Prospects
for Future Fuels
Lionel Creteigny , BAFU
- New Technology Developments**
- 10.00 Life Cycle Assessment of Different Pathways
of BTL-Fuels from Wood, Straw and
Miscanthus
Niels Jungbluth, ESU-services Ltd.
- 10.30 LCA of the Production of Synthetic Natural
Gas from Wood and Considerations to the
Optimal Plant Scale
Bernhard Steubing, Empa
- 11.00 Coffee Break
- 11.30 SunChem a 3rd Generation Biofuel Technology
to Produce Methane from Algae
Martin Brandenberger, PSI
- 12.00 Short Presentations
- 13.00 Lunch
- Improved Feedstock Production**
- 14.00 Life Cycle Assessment of
Jatropha Based Biodiesel
Simon Gmünder, Empa
- Perspectives of Future Biofuels**
- 14.30 Risk & Opportunities of Biofuels for Developing
Countries
Somnath Bhattacharjee, Winrock India
- 15.00 TA-SWISS: Future Perspectives of
2nd Generation Biofuels
Claudia Binder, Uni Zürich
- 15.30 Coffee Break
- 16.00 Panel-Discussion
Michael Hagmann (Chair)
- 17.10 Outlook and Farewell

Registration Form



36th Discussion Forum

LCA of Future Biofuels

LCA Discussion Forum «DF36» in Dübendorf
Monday, November 17th, 2008, 09.00–17.10
(An invoice and hotel information will be sent upon
reception of your application)

Costs: CHF 250.- / € 170.-
CHF 60.- / € 40.- for PhD students and students

- I register as a member of a sponsoring institute
(please mention affiliation below)
- I will take lunch at the Empa restaurant (CHF 35.-/€ 22.-)
- Ms Mr Prof. Dr. PhD Student/Student

Family name _____

First name _____

Affiliation _____

Address _____

Zip code _____

City _____

Country _____

Phone _____

E-Mail _____

Signature _____

I would like to give a short presentation with the follow-
ing title. Slides have to be provided until 5th of November:

- _____
- No, I won't be able to participate, but I would like to be
invited to subsequent forums.
- Please don't send me further invitations.