

40th LCA Discussion Forum

Developments in Impact Assessment Methods, with a Focus on 'Recipe' and on Abiotic Resources

April 20th, 2010

in ETH Zürich Central Building, GEP Pavilion

We kindly invite you to this **40th discussion forum on Life Cycle Assessment.**

The event will be held in English

The forum will address recent developments in impact assessment. In its first part we will focus on LCIA methodologies in general. In its second part, we will concentrate on the assessment of abiotic mineral resource use, with an overview on currently used methods or a discussion on how gravel is assessed in Ecopoints '06. More in detail, we will discuss at the DF 40:

- the pro's and con's of the new RECIPE method
- the EU analysis and recommendations on LC Impact Assessment methods (incl. an innovative approach to describe methods)
- whether endpoints methods (like Eco-indicator and Recipe) may be used in comparative assertions according to ISO 14040/44, and how midpoint and endpoint methods may be used when drawing final conclusions
- how mineral resources are covered in LCIA methods
- the effects of the UBP'06 ecofactor for gravel on LCA in the building sector, and what exactly this gravel ecofactor wants to express

"It seems that we have almost all the necessary impact assessment methods for minerals. What's left open is rather "What is the question?" ! As in the Hitchhiker's Guide, where the final answer is 42 – but what was the question already?" (Mark Goedkoop, 23.03.10)

The floor is open for short presentations (5 min each) – especially if you cover an issue of this DF 40. We kindly invite you to submit an abstract before April 13th, 2010.

The discussion forum is grateful for the financial support by the Swiss FSKB (Swiss Federation of Gravel and Concrete Industries) to this DF. The FSKB is interested in the results of the discussion on the assessment of gravel.

We look forward to meeting you in Zürich.

Arthur Braunschweig & Carole Dubois

Final Program – DF 40 – 20th April 2010

Time		Speaker
08:30	Registration	
	Part 1: Developments in Life Cycle Impact Assessment	
09:15	Welcome & Introduction: Goals and Topics of the day	Arthur Braunschweig, E2 & Carole Dubois, Quantis
09:30	ReCiPe 2008: The major changes from Eco-indicator'99 & CML to the new mid-, endpoint and weighting method	Mark Goedkoop. PRé Consulting, NL
10:45	Coffee break	
11:10	Short presentations: 1. Evaluating the importance of emissions and resource uses in the total environmental impacts caused by Swiss consumption 2. Emergy to assess abiotic depletion in LCA	1. Niels Jungbluth, esu-services 2. Costanza Scacchi, CRP Henri Tudor / CRTE, LU
11:40	The EU LCIA project: analysis and recommen- dations on LC Impact assessment methods	Mark Goedkoop
12:30	Lunch break	
	Part 2: Non-renewable resources in LCIA	
14:00	Different visions on resource depletion: A review of various approaches	An de Schryver
14:30	Why to assess gravel use – and which gravel? Effects of the gravel ecofactor in UBP'06 on LCA's of gravel and concrete	Arthur Braunschweig
15:00	The BAFU view on Mineral Resources' assessment in Impact Assessment	Peter Gerber and colleagues (BAFU-FOEN)
15:30	Coffee break	
16:00	Endpoint assessment and ISO 14040: How does 'Endpoint Assessment' fit into the un- derstanding of Impact Assessment and Weighting according to ISO 14044?	Short Introduction statements by various participants, moderation by Arthur
16:40	Conclusions and farewell	Arthur Braunschweig & Carole Dubois