77th LCA Discussion Forum

Wednesday, 21 April 2021

QUALITY CONTROL IN LCA

Location of this DF LCA:

Online conference – Detailed access information will be communicated to all participants
The official language of this event is English

We cordially invite you to the **77th Discussion Forum on Life Cycle Assessment**

Today, Quality Control (QC) in LCA is mainly related to techniques and procedures used for academic peer review, making the direct involvement of various topic experts a central element. At the same time, more and more actors seek to implement LCA at large(r) scales, using results to inform decisions beyond the bounds of single objectives and goals and therefore typically outside the scope of (traditional) QC instruments in the field. Hence, in order that this expansion of LCA practice is successful and in order to support reliable decisions, more efficient (& probably more cost-effective) QC mechanisms are required that can fulfil this expanding demand.

Therefore the first discussion forum in 2021 will focus on quality and quality control in LCA: users' understanding of and requirements for "quality" in LCA, strengths and weaknesses of the existing approach(es), emerging challenges for software and practitioners, and possible lessons from related fields such as emissions verification or management system auditing.

Overall, this virtual discussion forum aims to identify priorities for the further development of quality control in LCA to meet users' needs, in terms of method, resources and tools. We would like to encourage contributions from LCA users, practitioners and tool developers (especially with experience in related fields) that highlight excellent current practice, failures of the current system, and/or directions for improvement in form of short presentations; please get in touch with us!

We look forward to meeting you online,

Chris Foster (EuGeos) and Roland Hischier (Empa)

Organizers of the DF LCA 77

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Programme DF 77 – Quality Control in LCA

(as of April 19, 2021)

Time	Title	Speaker [Moderator]
08:30	Opening of ZOOM room	
08:50	Welcome and introduction to the day	Chris Foster, EuGeos
	Demand for Quality	[Roland Hischier]
09:00	Critical Review according to ISO 14'040/14'044 – quality requirements within the scope of a single LCA study	Adisa Azapagic, University of Manchester
09:30	Quality requirements of LCA in policy	Antonio Valente, DG-JRC
09:45	EPD International AB – EPD Quality Process	Susanne Lundberg, International EPD System
10:00	Quality requirements of LCA in business	Joost Dewaele, Procter+Gamble
10:15	Discussion	
10:40	Coffee break	
	Case Study – the Building Sector	[Chris Foster]
11:00	Quality Control of buildings LCA within the Swiss eco-bau label	Severin Lenel, Intep
11:20	Transparency and Quality: Actual practice in LCA: Evidence from a review of EPD	Jane Anderson, ConstructionLCA and The Open University
11:40	LCA & BIM: how to ensure quality issues in such a context	Alexander Hollberg, Chalmers
12:00	Discussion	
12:30	Lunch	
	The "outside" perspective	[Roland Hischier]
13:30	Quality Control in/for LCA – an auditor's perspective	Xavier Vital, SGS
	Short Presentations	[Roland Hischier]
14:00	*Open Call for Short presentations*	
14:35	Discussion	
14:50	Coffee break	
	Challenges for Data and Software	[Chris Foster]
15:10	Data quality control and data quality reporting in large scale background LCI databases: procedures, effects, challenges	G. Bourgault, ecoinvent
15.30	Data quality control and data quality reporting in large scale background LCI databases: procedures, effects, challenges	M. Baitz, Sphera
15:50	Adressing data quality challenges for LCA Software Developer	J. Coustillas, PRé Sustainability
16:10	Adressing data quality challenges for Open Source LCA software developers	A. Ciroth, GreenDelta
16:30	Quality challenges in LCA tools – a practical perspective	M. Kilga, sinum
16:50	Discussion	
17:15	Wrap up and announcements	R. Hischier, Empa
17:25	Farewell	

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Practical information

Registration

To register you need to create a profile, which is done in very few steps and is self-explanatory. In case you are not able to pay by credit card, please send an e-mail to lcaforum@ethz.ch with a short notice that you want to receive an invoice instead. Please provide the full invoice address as well as the chosen fee type. Programme updates at: www.lcaforum.ch

For all further questions regarding the registration process, please do not hesitate to contact: lcaforum@ethz.ch

Technicalities

Please note that all presentations and video recordings will be made available to the public via the LCA forum website (see http://www.lcaforum.ch, for example).

Meeting online

Pay attention that this DF is an **online conference**. All participants will receive detailed information on how to access the conference.

For further information, please contact Barbara Dold: lcaforum@ethz.ch

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