

Life Cycle Sustainability Assessment – research needs?

Time of the workshop

26 November 2012, 8:30-12:00

Chairs of the workshop

Chair: Andreas Jørgensen, DTU, Denmark

Co-chair: Alessandra Zamagni, ENEA, Italy

Introduction and goal of workshop

The interest for Life Cycle Sustainability Assessment (LCSA) is currently booming in the LCA community, culminating lately in the new special issue from the International Journal of Life Cycle Assessment fully devoted to the topic. In literature on LCSA, LCSA has mainly been conceptualized as a combination of LCA, SLCA, and LCC. With the recent publication of guidelines for performing SLCA and LCC and the existing standards for LCA, this could indicate that the question of how to perform an LCSA has been solved - but is anything missing? The objective of this workshop is through presentations and a following plenum discussion among its participants to outline as concretely as possible a research agenda for further developing LCSA.

Workshop programme

8:30 – 8:40 *Introduction to the workshop* (Workshop chairs)

8:40 – 9:05 *Life Cycle Sustainability Assessment (LCSA) of products - A personal account* (Walter Klöpffer – LCA Consult & Review)

9:05 – 9:30 *Sketching an impact assessment method for LCSA* (Andreas Jørgensen – DTU, Denmark)

9:30 – 9:55 *Sustainability assessment of new technologies – the PROSUITE approach* (Lex Roes – Utrecht University)

9:55 – 10:40 *Foundations of LCSA: ontology, epistemology and methodology* (Serenella Sala – JRC IES and Alessandra Zamagni – ENEA, Italy)

10:40 – 10:55 *Coffee break*

10:55 – 12:00 *Discussion and summing up on research agenda for LCSA.*

Practicalities

To spur discussions we have limited the number of participants to 40 to the workshop. We will follow the 'first come first served' principle. We expect that the interest in the workshop will be large, so if you sign up for the workshop, please make sure to use your seat or tell us well in advance if you are prevented from coming.

The workshop will be recorded on video, which will be uploaded to the symposium homepage. There will be 1-2 rapporteurs to give feedback to symposium plenum session for a discussion there. Furthermore, a small writing team will be established and given the task for writing up a short workshop report reflecting the main conclusions of the workshop. The report will be published in the International Journal of Life Cycle Assessment.

Contact info

If you are interested in participating in the workshop, please contact Andreas Jørgensen (aj@man.dtu.dk).