

Past events



National Eco-design Meetings

The 2025 edition of the National Eco-design Meetings was held on 8 April in Villeurbanne. The day was the opportunity to discover and experiment eco-design tools and methods, through interactive workshops. There were also two rounds tables : one on the developments in LCA and another on planetary boundaries.

Round table about developments in LCA

At this round table, SCORE LCA presented the **ongoing work for ADEME related to the integration of SCORE LCA studies recommendations in the ADEME technical specifications** (about topics such as data, GHG indicators, spatialization, temporality...), in order to prepare the practitioners to the recent European regulatory requirements (Green Claim Directive, Construction Product Regulation, Digital Product Passport, PEF, ESPR...).

EVEA addressed the topic of **social LCA** and mentioned the recent publication of ISO 14075 last October (principles and methodological framework for social analysis of LCA). Social issues are increasingly visible and important (in ten years, the numbers of EVEA customers for this service was multiplied by 7,5), To make it easier to combine environmental and social analysis, EVEA worked on how to combine this 2 aspects and also presented during a workshop the **new social module developed in their tool ASKOR**.

It was also question of the **changes in the rigor required of verifiers & auditors in PEF & ISO 14071**.

WeLOOP discussed about the interest of IA to massify LCA and the recent development such as the GLAD data sharing platform, or the ongoing GLAM work.

All participants were invited to register for **MCV 2025 to go further on these subjects** (extended deadline until 28 April to submit an abstract!).

Round table about planetaries boundaries

During this round table, EVEA presented a part of the ongoing **SCORE LCA study** (conditions of applicability of the CFF and changes in standardization and weighting factors), in particular the three approaches for coupling LCA and planetary limits, each with its own methodological challenges: coupling at the characterization stage, coupling at the standardization stage and coupling to the weighting stage.

In brief, it was a great moment to exchange and discover new LCA tools or developments of existing LCA tools.

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LCA tools presented at the National Eco-design Meetings

Sapiologie

Sapiologie is developing a **tool** to enable parametric LCAs of complex value chains to be carried out collaboratively and iteratively. The particularity of this tool is to connect the integrated management software to import automatically the bills of materials, then to connect it to the LCA database in order to produce accurate and standardized LCA. There is also an IA assistant to help to collect the data sourced. There are different modules available (organizational LCA, Scope 3, etc).

Portfolio Pro (Anthesis)

Anthesis presented their LCA **tool** « portfolio Pro » developed by product range, that enables massive data import and an easy exportation of an automated report (in pdf or Excel).

🗣️ Workshop SCORE
LCA on simplified
tools / using the
Simapro API : 3 June

Impact World + webinar

If you missed the webinar on 18 February presenting the latest version of **IMPACT World+**, a **globally regionalized life cycle impact assessment (LCIA) method developed at CIRAIG** in collaboration with the DTU, you can access to the replay [here](#).

IMPACT World⁺

« LCA & biodiversity »
call for tender attributed to
the consortium



Life Cycle Assessment

Scientific publications

[A dataset of characterization factors for biodiversity impact assessment in OpenLCA and LCA for experts](#)

The accelerating loss of biodiversity and ongoing ecosystem degradation rank among the most pressing global challenges today. Life Cycle Assessment (LCA) has emerged as a pivotal tool for evaluating the environmental sustainability of production systems; however, the **integration of biodiversity impact assessments into LCA studies remains constrained by significant data gaps, limited spatial resolution, and methodological complexity.** This dataset addresses these challenges by providing and **integrating ready-to-use characterization factors for biodiversity impact assessment** in current LCA software packages. Characterization factors (CF) were calculated for **land occupation flows** of three LCA databases (Agribalyse 3.1.1, Ecoinvent 3.10, and Sphera LCA For Experts) following the **Biodiversity Value Increment (BVI) method.** The CF are **applicable at global and country level,** considering both **land-use intensity and location.** The integration into current LCA Software packages (OpenLCA 2.1.0 and Sphera LCA For Experts), enhances accessibility for LCA practitioners, supporting more comprehensive evaluations especially in terms of biodiversity impact assessments.

[Rebuilding or retrofitting? An assessment of social impacts using Social Life Cycle Assessment](#)

In a world that is facing multiple crises, the construction sector occupies a pivotal position due to its significant impacts on the economy, environment, and society.

To respond to some of these challenges, the construction industry has implemented sustainability measures, such as decarbonisation and circularity strategies. A noteworthy strategy in this context involves **retrofitting a building** instead of the traditional approach of demolishing and rebuilding. This alternative not only showcases **potential for enhanced energy efficiency** and **reduced use of raw materials** but also presents **opportunities for long-term cost savings.** Despite evident economic and environmental advantages of these strategies, **social impacts** have remained relatively **unexplored.** To address this gap, this study employs, for the first time, a Social Life Cycle Assessment (S-LCA) to systematically evaluate the social implications associated with rebuilding and retrofitting scenarios.

It uses a university building in London (United Kingdom) as a case study. **Normalisation and uncertainty analysis** of the results help interpret the findings. The results of this assessment demonstrate that retrofitting, when compared to rebuilding, provides **broad and positive social benefits** for various stakeholders involved in the construction process. The findings not only contribute to a more holistic understanding of construction impacts but also offer **valuable insights for decision-makers, practitioners, and policymakers,** highlighting the **importance of considering social dimensions in sustainable construction practices.**

Call for papers

MCV Deadline extended for abstract submission until **28 April!**

📢 Next training session on modelling end-of-life and circularity in LCA : 18-19/09/25 (Paris)

Upcoming events

6-7 May 2025	11-15 May 2025	9-12 sept	30 sept - 2Oct	18-19 Nov 2025
SAM (Madrid, Spain)	SETAC Europe 35th Annual Meeting (Vienna, Austria)	LCM 2025 (Palermo, Italia)	From less bad to good enough (Helsingor, Denmark)	Second edition of MCV (Bordeaux)