

SCORE **LCA**

# 5<sup>th</sup> SCORE LCA Day

## 25 september 2024

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Director



ENGIE

Renault  
Group



RECORD

Air Liquide

ALSTOM

ArcelorMittal

ARKEMA

CSTB  
le labor en construction

HOLCIM

France Ciment

ifp  
Energies  
nouvelles

IMERYS

L'ORÉAL

MICHELIN

SNCF

SVENSQO

Valeo

VEOLIA

# Overview of the Association

# SCORELCA

Created  
in 2012

19 members  
(+450 participants)

70 studies  
45 workshops  
160 speakers

Governance  
by active members  
and guided by a  
scientific board

Collaborative research  
into environmental  
quantification methods  
(Life Cycle Analysis)

## Aims of the Association

- Encourage **exchanges** between the various players involved in the use of LCA
- Ensure wide **dissemination of LCA based progresses and best practices**, in terms of methods and feedback
  - **Through the definition of research programs**
- Monitor and **communicate** about the LCA practice

## Why be a Member of Such a Collaborative Network?

- Pool research and workshop costs
- Centralised project organisation, shared scientific expertise and group dynamics
- Change & develop LCA practices thanks to practical recommendations
- Participate in conferences, be a member of the Life Cycle Initiative, contribute to standardization
- Gain a more global view of certain subjects
- Anticipate needs
- Helping to develop internal team members skills
- Help build an internal network to share the information provided by SCORE LCA
- Confirm, through studies managed with other manufacturers, internal viewpoints and practices
- Help in the decisions to change practices or launch projects



## Research Programs

**2023**

Accounting for biogenic greenhouse gases

Dynamic LCA

Taking forests into account in LCA

Methodological recommendations for E-Fuel LCA

Spatializing impacts in LCA

**2024**

LCA and critical materials

LCA of projects and infrastructures

Water footprint and AWARE LCA indicator: practices and recommendations

Conditions of applicability of the CFF and evolution of standardization and weighting factors (PEF, planetary limits)

LCA and sustainable purchasing



## activity : training

Designed to meet the needs of industry:

- With the collaboration of SCORE LCA's **industrial members** and the RECORD association
- Approved by the SCORE LCA **Scientific Board**
- Led by a **partner with expertise in circularity and LCA**
- First session **tested** by SCORE LCA members, to potentially improve subsequent sessions (**open to everyone**)

SCORE LCA

TRAINING N°1-FCI

## Modelling end-of-life and circularity in LCA



Module 1 (21 January 2025)

Fundamentals

Module 2 (4 February 2025)



Day 1 attendance required

Focus recycling

TO REGISTER, send an email to [contact@scorelca.org](mailto:contact@scorelca.org)

Location  
PARIS

Price  
990€ HT / day

A training co-designed and run by  
With the support of the RECORD association



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## Program of the Day

- Present the results of 5 studies
- Members **feedbacks** on the relevance of the topics & the use of deliverables in their practices
- Exchange with you, the audience: feedback from audience is key for us!

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Geographical electricity mix vs. market electricity mix: what are the LCA recommendations?

Purchasing products containing recycled content: what relevance in terms of environmental impact?

Land use in LCA: indicators and consideration of land resources

Production of LCIs for battery recycling processes (for the 3 processes: pyrolysis, shredding, chemical)

Accounting for biogenic greenhouse gases

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Graphic facilitation : overview of the illustration during the breaks

*SKITCHI*

## Interactive session

→ Connect to ONE WIFI GUEST



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Questions?



## Informations training FCI-1


### Prerequisites

- ✓ Familiar with the principles of LCA and the ISO 14040-44 standard
- ✓ Be able to consider the issues involved in LCA modelling



**Target audience**  
**(10 people max)**

**Anyone interested  
in taking end-of-life  
and circularity into  
account in LCA**

Module 1 (21 January 2025)	 Module 2 (4 February 2025) Day 1 attendance required
Regulatory and strategic issues at the end of life	Understand recycling, grasp the issues involved and do the associated modelling
Understanding the issues involved in modelling the consequences of end of life	Focus on the inclusion of recycled materials: how can the inclusion of recycled materials be taken into account in an LCA?
Understand end-of-life processes (incineration, storage, etc.) and the associated models	How can the impacts and benefits of recycling?
	End-of-life formula: how to understand and use it?