

The background is a photograph of three people hiking up a grassy hill. The scene is captured in a warm, golden-hour light, with the sun low on the horizon, creating a soft glow and long shadows. The hikers are in the middle ground, and the foreground is filled with out-of-focus, dry grass and small white flowers. The sky is a pale, hazy blue.

Information meeting for partner

2025-04-08

Anna Wikström, Yulia Liu and Maria Rydberg

Agenda

- Welcome and introduction
 - About the Swedish Life Cycle Center
 - What's in it for you?
- Ongoing activities
 - Projects
 - Working and Expert groups
 - Other
- Q&A

A photograph of a mountain landscape. In the foreground, there is a dense forest of evergreen trees with some autumn-colored trees interspersed. In the middle ground, a large mountain peak is visible, and a vibrant rainbow arches across its slope. The sky is overcast and grey.

Accelerate sustainable transition through
science-based life cycle action!

Partners

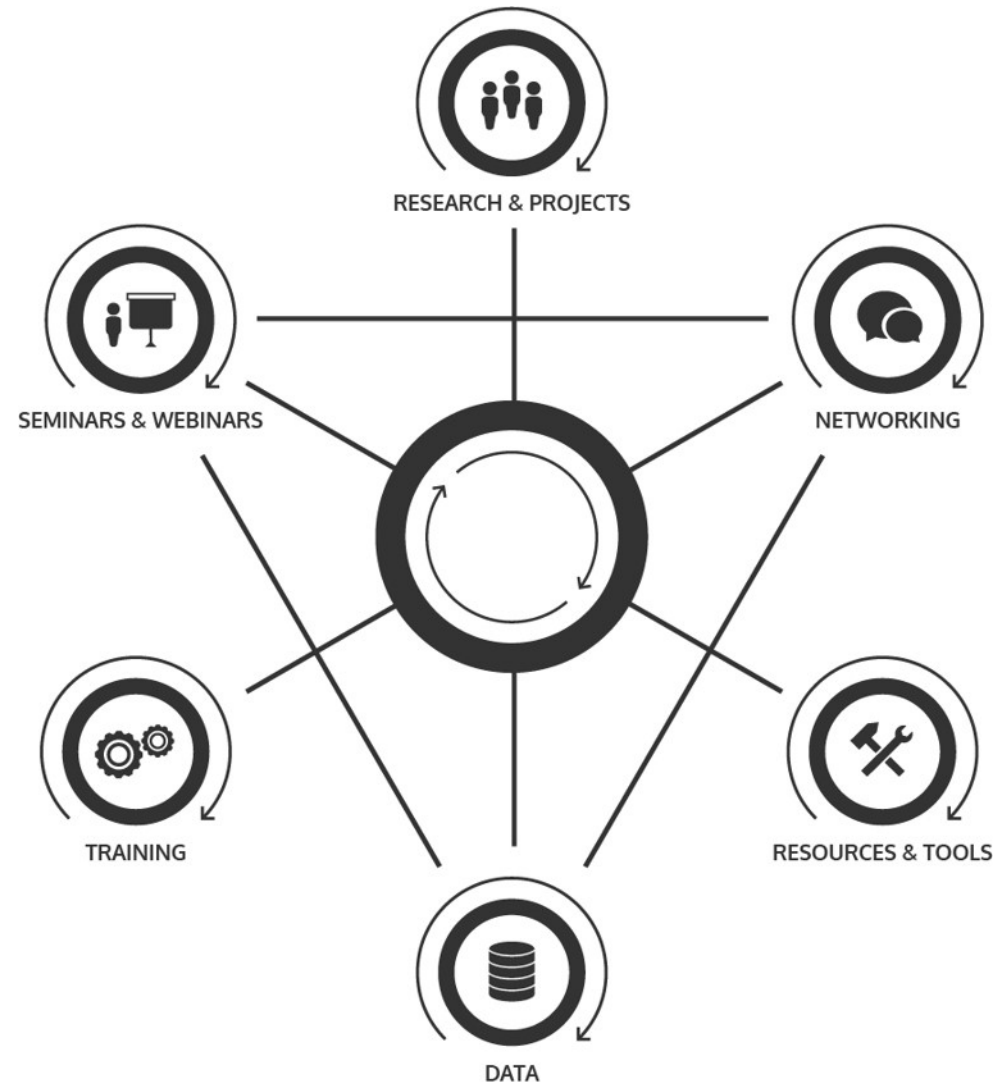


Ways of working

Method and tools
development

Competence building

Influence initiatives

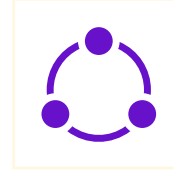


Focus areas



Life Cycle assessment in policy and legislation

Environmental footprints
Net zero emissions and circular economy
Standards and regulatory landscape
Sustainable consumption and production



Life cycle management in business

Resource Efficient and Circular Business Models
Communication, data sharing and digitalization along the value chain
Sustainability claims and labels
Scalability of LCA



Life cycle methodology

Climate, biodiversity, water, energy, land use and toxicity
Circular perspectives
Harmonization and standardization
Resource and waste modeling

Working and expert groups



How to get involved in ongoing projects



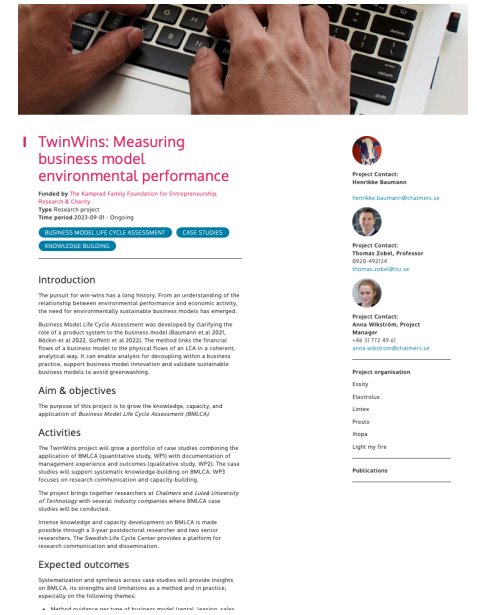
How to share ideas for new projects



Brief presentation of current projects


TwinWins: Measuring business model environmental performance

- Aim: The purpose of this project is to grow the knowledge, capacity, and application of Business Model Life Cycle Assessment (BMLCA).
- The project has completed two of the project's total of six Business Model Life Cycle Assessment (BMLCA) case studies and has begun two additional case studies.. On October 10 2024, a seminar was organized for the project, attracting 60 participants. The project runs until March 2027.
- Project manager: Thomas Zobel, LTU
- Involved organizations: LTU, Chalmers, Essity, Electrolux, Lintex, Presto, Ihopa, Light my fire
- Life Cycle Talks about business model LCA:
<https://www.youtube.com/watch?v=11fXaSWPRAs&list=PLV1TrF8Uf6nQ4lhS1eouSyOASHNDUBdtz>
- More information: <https://www.lifecyclecenter.se/projects/twinwins-measuring-business-model-environmental-performance/>



In-Depth Assessment of the Need for Life Cycle Competence in Swedish Industry and Authorities

- Aim: to deepen our understanding of the competence needs in relation to life cycle thinking within both industry and national authorities.
- On the agenda: A webinar is scheduled on June 4.
- More information: <https://www.lifecyclecenter.se/projects/in-depth-assessment-of-the-need-for-life-cycle-competence-in-swedish-industry-and-authorities/>



In-Depth Assessment of the Need for Life Cycle Competence in Swedish Industry and Authorities

Funded by The Adelerbergska Foundations
Type Research project
Time period 2024-01-01 - Ongoing

COMPETENCY REQUIREMENTS KNOWLEDGE BUILDING
LIFE CYCLE ASSESSMENT SUSTAINABILITY

Introduction
The significance of the life cycle perspective has grown substantially within both industry and society at large. Political instruments and customer demand increasingly emphasises the role of life cycle thinking in driving the transition towards a more sustainable consumption and production system. This project builds upon previous efforts to identify the competence required by industry to meet these rising demands, ensuring a leading role in a sustainable society. Unlike the initial study, this project will also involve Swedish national authorities, as they will often oversee the implementation of upcoming legislative requirements.

Aim & Objectives
This project aims to deepen our understanding of the competence needs in relation to life cycle thinking, particularly focusing on forthcoming legal requirements, within both industry and national authorities.

Objectives
1. To gain a deeper understanding of the industry's crucial competencies needed to manage legal requirements regarding life cycle information.
2. To complement the expertise required by Swedish authorities for the implementation of policies based on the life cycle perspective and LCA.

Expected Outcomes
1. Compilation of strategies employed by companies and authorities in anticipation of forthcoming legal requirements, along with an assessment of the competence needed to meet these requirements in the next ten years.
2. Publication of a scientific paper highlighting the competence requirements related to life cycle thinking that society will face in the coming decade.
3. Discussion of preliminary results within Swedish Life Cycle Center's academic and authority dialogue groups, in preparation for webinars and further dissemination of findings.
4. Hosting a webinar to present and discuss the project's results.

Project Contact:
Anna Wikström, Project Manager
+46 31 772 49 61
anna.wikstrom@chalmers.se

Project Contact:
Yulia Liu, Project Manager
+46 31 772 22 80
yulia.liu@chalmers.se

Project organisation
Swedish Life Cycle Center

Publications

Consistent Standards for LCA

Aim:

- Identify inconsistencies in LCA-related ISO standards and the GHG Protocol.
- Develop recommendations for revision.

Time:

- Nov 2024 – Dec 2025

Progress:

- Interviews, workshop, scientific publications

<https://www.lifecyclecenter.se/projects/consistent-lca-standards/>



Consistent standards for life cycle assessment

Funded by Net Zero Industry, a joint initiative by Vinnova, Formas and the Swedish Energy Agency
Type Research project
Time period 2024-11-04 - Ongoing

HARMONIZATION KNOWLEDGE BUILDING LIFE CYCLE ASSESSMENT
STANDARDIZATION

Introduction

Life cycle analysis (LCA) and carbon-footprint calculations have become important tools in the transition of the manufacturing and metals industry to increase energy, resource, environmental, and climate efficiency. Many standards and guidelines have been developed to make the methodology more robust and credible. There are about ten LCA-related standards within ISO alone, and more are on the way. In parallel, the Greenhouse Gas Protocol (GHGP) has emerged as a de-facto standard.

The standards are open to different interpretations and also seem to contradict each other. However, we now have an opportunity to start making the standards more consistent, both within ISO and between ISO and GHGP, and to work towards a clearer structure and content of the standards.

AIM & OBJECTIVES

Project organisation
Swedish Life Cycle Center
TERRA
Electrolux
SKF
Essity
Höganäs
Jernkontoret
Boliden



Project Contact:
Tomas Ekvall, Project Manager
+46-703-789 003
terra@tomasekvall.se



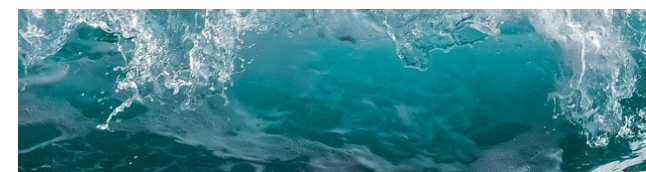
Innovation cluster for the life cycle perspective

The project aims to increase the collaboration within the life cycle-field and contribute to knowledge exchange, competence building and increased understanding of the life cycle perspective. The overall aim is to contribute to an increase application of life cycle perspective, which will contribute to increased resource efficiency in society, a sustainable energy transition and fulfillment of Agenda 2030.

New project will start in June 2025.

More information:

<https://www.lifecyclecenter.se/projects/innovation-cluster-for-the-life-cycle-perspective-2020-2024/>



I Innovation cluster for the life cycle perspective 2020-2024

Funded by **Swedish Energy Agency**
Type Admin project
Time period 2020-06-01 - Ongoing

The project provides a meeting place where industry, academia, authorities and other parts of society come together to create opportunities for an increased understanding and use of the life cycle perspective. The project aims to create engagement, knowledge and tools for implementation of life cycle thinking in decision making and thereby contribute to increased resource efficiency in society and a sustainable energy system.

The project is funded by the Swedish Energy Agency and partners in Swedish Life Cycle Center and managed by the Swedish Life Cycle Center.

Aim & Objectives

The project aims to increase the Swedish collaboration within the life cycle-field and contribute to knowledge exchange, competence building and increased understanding of the life cycle perspective. The overall aim is to contribute to an increase application of life cycle perspective, which will contribute to increased resource efficiency in society, a sustainable energy transition and fulfillment of Agenda 2030.

The project is a continuation of the project **Swedish platform for the life cycle perspective** which was run between January 2017 and May 2020, and was also financed by the Swedish Energy Agency and partners in Swedish Life Cycle Center.

Expected outcomes

The project is expected to increase the conditions for new collaborations and innovative ideas, increased application and use of results from research and innovation projects, and that the life cycle perspective is used by more organizations. The project will have many different activities for several different target groups in order to reach these goals and expected outcomes, e.g.

- Seminar, webinars and training for increase knowledge building
- Initiate and coordinate research projects to develop tools and contribute the methodology development
- Provide communication and training material

If you would like to be invited to the activities arranged within the project, you are welcome to follow us at [LinkedIn](#), sign up to our news list ([click here](#) and scroll down to "Sign up to our newsletter" or send an e-mail to lifecyclecenter.se. Looking forward to keeping you updated on the project!

Latest news:
"8 miljoner för ökad tillämpning av livscykelperspektivet", 2020-07-02
(external link to chalmers.se)



Project Contact:
Anna Wikström, Project Manager
+46 31 772 49 61
anna.wikstrom@chalmers.se

Project organisation

Chalmers University of Technology
Essity Hygiene and Health
IVL Swedish Environmental Research Institute
KTH Royal Institute of Technology
Nouryon
RISE Research Institutes of Sweden
SKF
Scania
Sweco Environment
Swedish Energy Agency
Swedish Environmental Protection Agency
Swedish University of Agricultural Sciences
Vattenfall
Volvo Car Group
Volvo Group

Publications

Working and expert groups



How to get involved in groups



How to share ideas for new groups or topics for meetings



Brief presentation of current groups

Academy group

Aim: Gather researchers from our university partners to discuss issues related to education and interests in life cycle assessment from an academic point of view.

On the agenda during 2025

- PhD course (biannually)
- Input Center research strategy
- Life Cycle talk development

- Next meeting 24 April



Biodiversity & LCA

Aim: The overall aim is to share insights regarding ongoing activities on addressing biodiversity pressures from agriculture, forestry, and marine activities and initiate collaborations.

Chairs: Sara Hornborg (RISE), Pernilla Cederstrand (Essity). Including Emke Vrasdonk (IVL) and Henrik Johansson (IVL/Chalmers)

On the agenda

- April 23: From theory to practice. Speakers from Orkla, SIS and CircHive.

Join the group? Contact
anna.wikstrom@chalmers.se



Biodiversity and life cycle assessment Working group

Funded by *Partly funded by the Swedish Energy Agency*
Type Working group
Time period 2022-09-01 - Ongoing

BIODIVERSITY WORKING GROUP

Introduction

Global biodiversity loss is a key challenge, with an array of human activities resulting in negative trends for species and ecosystems. What is the status of the LCA research on including assessments of biodiversity pressures in various environments? How are standards and methodologies, etc. developing in the biodiversity area, and what are the gaps?

Overall aim of working group

The overall aim is to share insights regarding ongoing activities on addressing biodiversity pressures from agriculture, forestry, and marine activities and initiate collaborations. This will be done by

- creating awareness on ongoing research, current status and methodologies related to biodiversity assessments in LCA;
- follow the development of methodologies and applications in standards in the area; and
- disseminate knowledge and contribute to formation of guidelines, standards, and policies.
- research-industry collaboration through coordinate research proposals.



Project Contact:
Pernilla Cederstrand

pernilla.cederstrand@essity.com



Project Contact:
Sara Hornborg, Researcher
at RISE

Sara.Hornborg@ri.se



Project Contact:
Emke Vrasdonk

Emke.Vrasdonk@ivl.se



Project Contact:
Henrik Johansson,
Researcher@IVL

henrik.johansson@ivl.se



WG Circularity & LCA

Aim:

Identifying research gaps in LCA and circularity, exploring pilot opportunities, and promoting knowledge exchange to support the development of guidelines, standards, and policies.

Chairs: Anna Körner (Essity) & Birgit Brunklaus (RISE)

On the agenda:

- ISO 59020 Reading Circle, 7 May, 13:00-14:30
- ISO 59020 in Practice, 26 May, 13:00-15:00
- Contact Yulia (yulia.liu@chalmers.se) if you would like to join



LCA Data & Methodology

Aim: Act as a forum for discussions and development of data of interest to LCA practitioners. Hands on discussions related to methodology issues in LCA, such as allocation. Be the common voice of Swedish Life Cycle Center in connection to providers of LCA data and software.

Chairs: Sofia Poulikidou (Höganäs AB) and Sara Heimersson (Essity)

On the agenda.

- May 6: Different LCA software with break out rooms for users
- Sep 25: Electricity modelling in LCAs and product carbon footprints. Speaker: Tomas Ekvall and Rickard Alm
- Dec 4: Review and pitfalls.



I LCA data & methodology

Funded by In-kind by partners
Type Working group
Time period 2012-06-14 - Ongoing

DATA WORKING GROUP

Life cycle related data and LCA methodology is an ever changing topic for our partners. In this group the focus has been to discuss and handle more hands on issues addressed by the working group members.

Background

Since 1996 life cycle data and data handling have been topics within the center. This group was formalized when new partners started to join the center and issues related to databases were raised. Today, this group arrange also meetings regarding new methodology development, e.g. water footprint and modeling of recycling.

Aim

Act as a forum for discussions and development of data of interest to LCA practitioners. Hands on discussions related to methodology issues in LCA, such as allocation. Be the common voice of Swedish Life Cycle Center in connection to providers of LCA data and software.

Outcomes

Each meeting handle a separate issue.

All projects



Project Contact:
Sofia Poulikidou, LCA
Specialist, Höganäs AB

Sofia.Poulikidou@hoganas.com



Project Contact:
sara.heimersson

Sara.Heimersson@essity.com

Project organisation

Chalmers University of Technology
Essity Hygiene and Health
IVL Swedish Environmental
Research Institute
KTH Royal Institute of Technology
Nouryon (former AkzoNobel)
RISE Research Institutes of Sweden
Scania
SKF
Sweco Environment
Swedish EPA
Swedish University of Agricultural
Sciences
Volvo Car Group

Join this working group? Contact
anna.wikstrom@chalmers.se

More information:
<https://www.lifecyclecenter.se/projects/lca-data-methodology/>

Dialogue group for government agencies

Aim: is to increase the collaboration between government agencies and between agencies and Swedish Life Cycle Center partners in the field of sustainability and the life cycle perspective. Knowledge building and sharing experiences are the key words within this group.

On the agenda:

- May 7: Environmental spend analysis with speaker from the Swedish National Agency for Public Procurement

More information:

<https://www.lifecyclecenter.se/projects/dialogue-group-for-government-agencies/>



I Government agency group

Funded by Swedish Energy Agency
Type Working group
Time period 2015-11-20 - Ongoing

COLLABORATION KNOWLEDGE BUILDING

The aim of the group is to increase the collaboration between government agencies and between agencies and Swedish Life Cycle Center partners in the field of sustainability and the life cycle perspective. Knowledge building and sharing experiences are the key words within this group.

Background

During fall 2015, Swedish Life Cycle Center, together with the Swedish Environmental Protection Agency invited a number of government agencies with the aim to increase the collaboration between agencies and partners in Swedish Life Cycle Center on life cycle related issues. This resulted in a formalized cooperation between government agencies and Swedish Life Cycle Center with regular meetings to share experience and build up a common knowledge. These meetings are being coordinated within the projects Swedish platform for the life cycle perspective and innovation cluster for the life cycle perspective.

Aim & objectives

The aim of the group is to increase the collaboration between government agencies regarding the life cycle perspective and with partners in Swedish Life Cycle Center by sharing experiences and knowledge building.

Outcomes

The group has gathered several times for knowledge sharing and to discuss a variety of topics, such as: LCA-data, life cycle perspective in public procurement, EPD and PER. The group has also arranged the seminar "Sustainable procurement – the role of life cycle perspective", which took place in Stockholm in May 2018.

* Photo by John Price on Unsplash

All projects



Project Contact:
Anna Wikström, Project
Manager
+46 31 772 49 61
anna.wikstrom@chalmers.se



Project Contact:
Kristina Einarsson
kristina.einarsson@boverket.se



Project Contact:
Susanna Toller
susanna.toller@trafikverket.se



Project Contact:
Frida Edström
frida.edstrom@jordbruksverket.se



Project Contact:
Björn Spak, Handläggare på
Naturvårdsverket
010-6981484
bjorn.spak@naturvardsverket.se



Project Contact:
Joakim Thorneus
joakim.thorneus@uhmynd.se



Project Contact:
Dag Lundblad

Expert Group Environmental footprint

Aim:

Follow, understand and impact the development of the Environmental Footprint (EF) methodologies (PEF and OEF). Exchange information and experience between Life cycle professionals among partners and other invited stakeholders on the methodologies and the implementation of the EF in EU and national policy.

Chair: Björn Spak (Swedish EPA) & Elin Eriksson (IVL)

Upcoming meeting – TBD



Other events

- Training
- Events

Sign up for Networking
mingle on 6 May



Why should you take part?

Access to resources

Networking and communication

Strategic influence



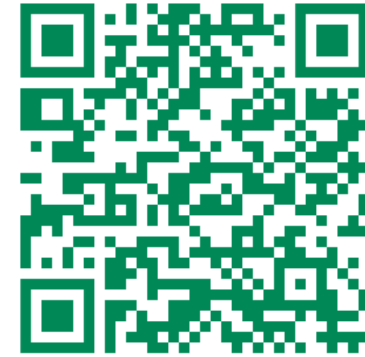
How to keep up to date

We want to share your achievements!

lifecyclecenter@chalmers.se



Follow Swedish Life Cycle Center |
LinkedIn



Register for newsletters and
invitations



Events | Swedish Life Cycle Center
- Swedish Life Cycle Center



Youtube

Other useful links

Find projects or groups

[Projects and groups | Swedish Life Cycle Center - Swedish Life Cycle Center](#)

Swedish Life Cycle Center Operational Plan

[Swedish Life Cycle Center Operational Plan Stage 11, 2025-2027](#)

Sign up for planned events

[Join us for our networking mingle – May 6, 2025](#)

[Registration for the experience exchange meeting for users of LCA software!](#)