

# Driving Sustainable Policies: Lessons from Swedish Government Agencies' Life Cycle Collaboration

Authors: Anna Wikström (1), Maria Rydberg (1), Yulia Liu (1), Björn Spak (2)

1: Swedish Life Cycle Center/Chalmers University of Technology

2: Swedish Environmental Protection Agency



# Competence building and networking for government agencies?



## Outline

- Unique formalized government collaboration for LCA and LCT
- What it is?
- How it works?
- Learnings and Outcomes
- Examples of how LCT is applied among Swedish government agencies





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by



# Government collaboration – what is it?

Unique formalized government collaboration for LCA and LCT

Aim to

- Increase the collaboration between government agencies
- And between government agencies and partners in Swedish Life Cycle Center
- Knowledge building and sharing experience



# Swedish Life Cycle Center

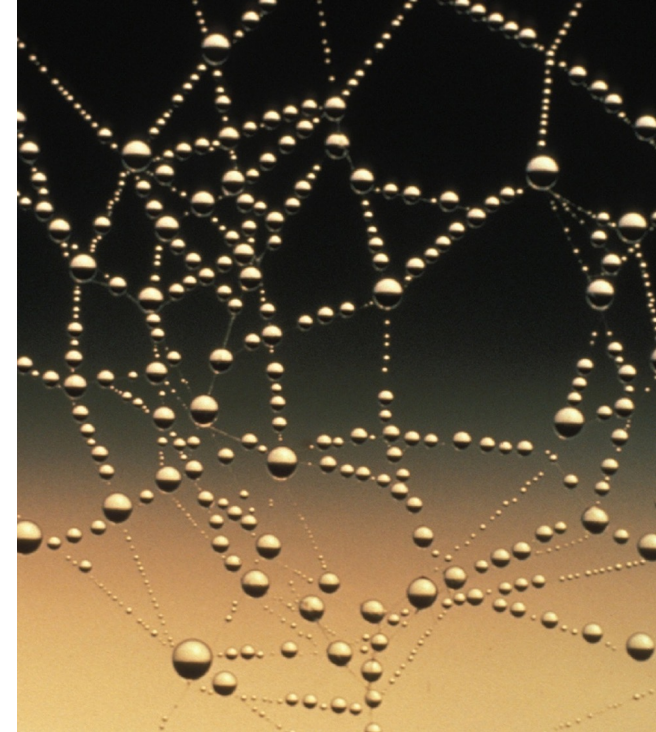


## Government agencies in collaboration



## How the collaboration works

- Regular meetings
- One representative from each government agency
- Access to Swedish Life Cycle Center's other competence, knowledge building- and networking activities





## Results and outcome

- Competence and knowledge building among LC and sustainability advisors at Swedish Government agencies
- Involvement in research projects (in case studies, reference groups, working group and expert groups. Methodology discussions among government agencies.
- Increased networking among government agencies, and increased dialogue for common issues (e.g. proposals for legislation for increase LCT)



## Results and outcome (cont.)

- Increased collaboration on e.g. LCA data
- Support from experts when it comes to Product Environmental Footprint, Environmental Product Declarations, Public Procurement etc.
- Increased collaboration and understanding between government agencies and industry, and a strategic business intelligence.
- Access to network and resources for recruitments
- Understanding and insight in how different agencies are working with LCA in their daily operations.
- Support in LC-based policies






*”The government dialogue contributes to our strategic business intelligence that makes it possible to stay one step ahead and prepare our own organization for example, for upcoming proposals for legislation or available methods and standards.”*

**Participant in the Government collaboration and Material- and Chemical  
Expert at the Swedish Transport Administration**





*”Swedish Life Cycle Center is a great bridge between research and authority in our case, also a bridge with industry. The center is good facilitator, i.e. to facilitates the exchange of knowledge between different actors.”*

Expert Sustainability and Climate at The National Board of Housing, Building and Planning

**Examples from some government agencies how LCT is applied**



# The Swedish Transport Administration:

## The Climate Calculator

- A tool to calculate the transport infrastructure's carbon dioxide emission and energy use in a life cycle perspective
- The model is based on LCA
- Climate requirements in procurement





# The National Board of Housing, Building and Planning

## New law: Climate declaration for new buildings

- Requirement to prepare and submit a climate declaration for the construction of a new building from the 1st of January, 2022
- The purpose -> to reduce the climate impact of the construction of new buildings





An aerial photograph of a ship's wake in the ocean. The water is a deep teal color, and the wake is a bright white, frothy trail that curves from the top right towards the bottom center. The text is overlaid on the left side of the image.

# Driving forces behind the growing interest in life cycle thinking



# Learnings from the collaboration

- Contribute to a larger collegial network
- The importance of coming together around joint consultations procedures, at e.g. EU level
- Increased LCA-competence among government agencies
- The simplicity – create rooms for collaboration, discussion, dialogue, inspiration



# Thank you!

## CONTACT

[Anna.wikstrom@chalmers.se](mailto:Anna.wikstrom@chalmers.se)

[lifecyclecenter@chalmers.se](mailto:lifecyclecenter@chalmers.se)

[www.lifecyclecenter.se](http://www.lifecyclecenter.se)

[Twitter: @lifecyclecenter](https://twitter.com/lifecyclecenter)

[LinkedIn: Swedish Life Cycle Center](#)

CONTACT to contact person at each government agency:

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

# Further reading

More information about the government collaboration:

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

More information about the Sustainable Public Procurement and Sustainability Criteria from The National Agency for Public Procurement:

[https://www.upphandlingsmyndigheten.se/en/sustainable-public-procurement/?\\_t\\_hit.id=Boilerplate\\_Episerver\\_Features\\_EpiserverFind\\_Models\\_EpiserverFindDocument/604\\_en&\\_t\\_q=public%20procurement](https://www.upphandlingsmyndigheten.se/en/sustainable-public-procurement/?_t_hit.id=Boilerplate_Episerver_Features_EpiserverFind_Models_EpiserverFindDocument/604_en&_t_q=public%20procurement)

[https://www.upphandlingsmyndigheten.se/en/criteria/?\\_t\\_hit.id=Boilerplate\\_Episerver\\_Features\\_EpiserverFind\\_Models\\_EpiserverFindDocument/1999\\_en&\\_t\\_q=sustainability%20criteria](https://www.upphandlingsmyndigheten.se/en/criteria/?_t_hit.id=Boilerplate_Episerver_Features_EpiserverFind_Models_EpiserverFindDocument/1999_en&_t_q=sustainability%20criteria)

More information about Climate Declarations from the National Board of Housing, Building and Planning:

<https://www.boverket.se/en/start/building-in-sweden/developer/rfq-documentation/climate-declaration/>

More information about the Climate Calculator from the Swedish Transport Administration:

<https://bransch.trafikverket.se/for-dig-i-branschen/miljo---for-dig-i-branschen/minskad-klimatpaverkan/Klimatkalkyl/>



Do you see need of a similar collaboration in your country?

How are government agencies in you country/region coordinated to support each other, to increase the collaboration?

## Questions?

What is the need of life cycle knowledge among authorities in your country/region?



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# Thank you!

CONTACT TO AUTHORS

Anna.Wikstrom@Chalmers.se

Maria.Rydberg@Chalmers.se

Yulia.Liu@Chalmers.se

Bjorn.Spak@Naturvardsverket.se

[www.lifecyclecenter.se](http://www.lifecyclecenter.se)