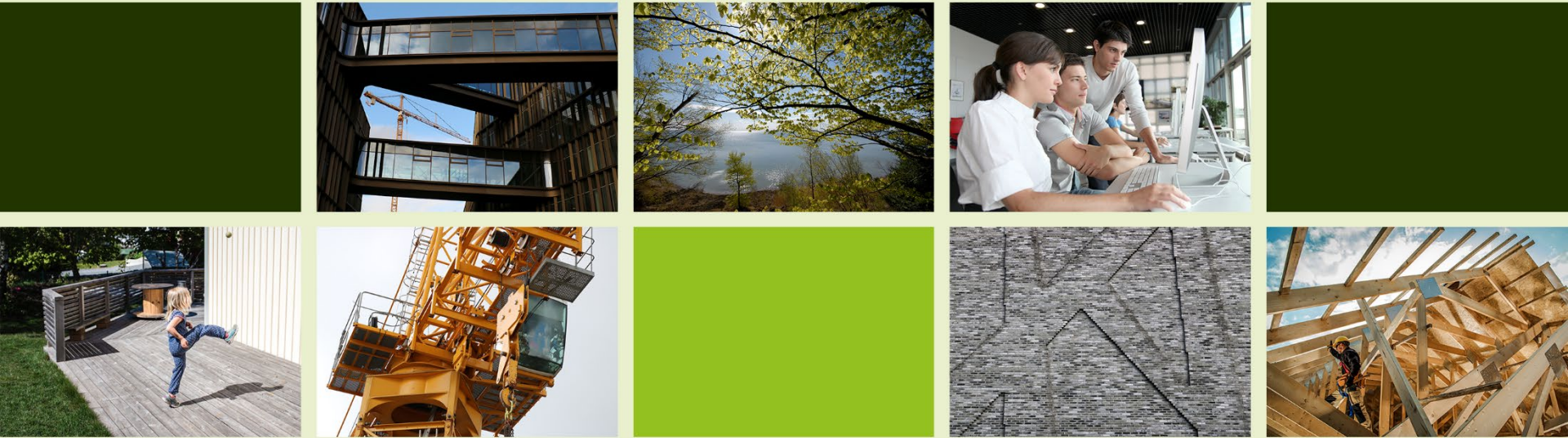


# Status and current issues from authority








Danish transport, Construction and Housing Authority  
Anders Brodersen Jensen, Project manager  
August 27, 2020

# Status and current issues from authority

- Status on Nordic regulation of climate emissions from buildings
- Status on the cooperation on harmonizing building regulation and climate impact
- Current issues/ opportunities for the Nordic countries



# Current status

	Denmark	Finland	Iceland	Norway	Sweden
Represents an understanding of the status in August 2020. Verify facts and check details from your local authorities.					
National carbon neutrality goal	<b>2050</b>	<b>2035</b>	<b>2040</b>	<b>2030</b>	<b>2045</b>
Regulation on low carbon construction	Possibly 2023	<b>Before 2025</b>		In consideration	<b>From 2022</b>
Currently going on...	<ul style="list-style-type: none"> <li>• Voluntary sustainability class</li> <li>• Carbon handprint</li> <li>• Interest in joint database</li> </ul>	<ul style="list-style-type: none"> <li>• Roadmap for climate declarations and limit values</li> <li>• Generic database</li> <li>• Carbon handprint</li> <li>• LCA for infrastructure works</li> </ul>	<ul style="list-style-type: none"> <li>• Roadmap to sustainable construction industry 2030</li> <li>• Interest in joint database</li> </ul>	<ul style="list-style-type: none"> <li>• Climate declaration in consideration</li> <li>• Norwegian standard for climate assessment of buildings</li> <li>• Interest in joint database</li> </ul>	<ul style="list-style-type: none"> <li>• Proposal for a law and decree</li> <li>• Development of generic database</li> </ul>





## **Status on the cooperation on harmonizing building regulation and climate impact**

# Background

- Declaration from the Nordic Council of ministers may 2018
  - Share the **common goal of promoting low carbon emissions in construction** as part of a common climate policy and through sustainable development
  - Strengthen the cooperation on **harmonization of building regulation between the authorities in the Nordic countries.**
  - The Nordic Council of ministers can play an important role in the realization of these goals, to coordinate and future develop the co-operation as well as **exploring the possibilities of co-financing the efforts.**

# Background

- Nordic Climate Forum for construction oct. 2019 in Malmö
- The target for the conference was to start up the work for Nordic harmonization on regulations and Climate emissions from buildings from a life cycle perspective.
- New declaration from the Nordic Council of ministers in oct. 2019
  - The Nordic countries can benefit from shearing of best practices
  - Continue the collaboration on the harmonization of relevant approaches, methods, data, tools and policies.
  - Call for the stakeholders in the construction and real estate sectors as well as related industries to support the joint Nordic effort.

# Organization

Swedish life cycle center will organize and facilitate the network consisting of:

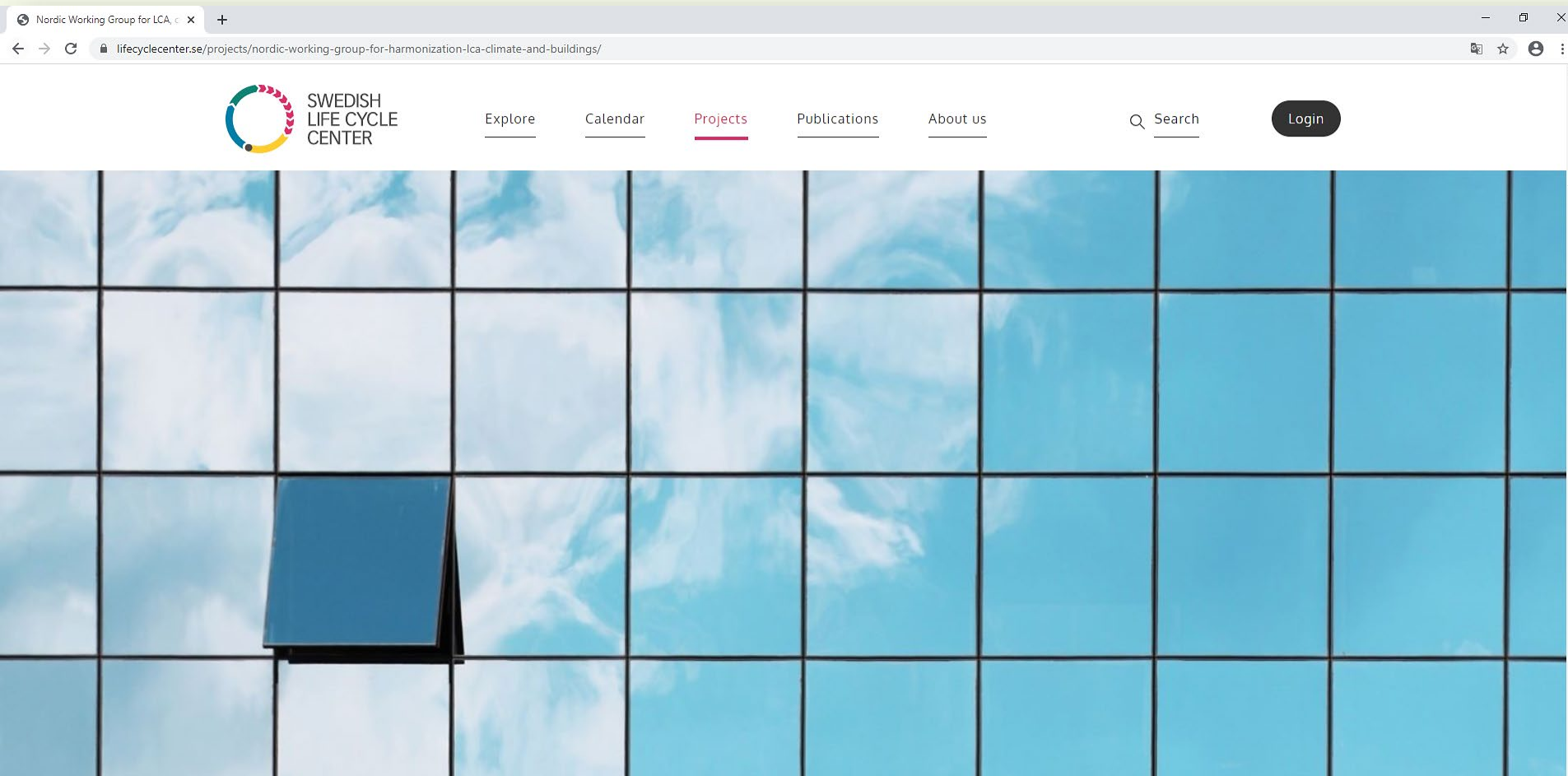
- Working group (smaller group)
- Dialoge forum (wider group open for everyone)



# What has been achieved so far

- Program for the working group
- Proposal of key areas of harmonization
  - Decarbonisation efforts
  - Assessment methods
  - Data and its flow
- Collaboration Nordic database
- Discussion on development of assessment methods

# Presentation of our website



<https://www.lifecyclecenter.se/projects/nordic-working-group-for-harmonization-lca-climate-and-buildings/>

# Presentation of our website

## I Nordic Working Group for LCA, climate and buildings

**Funded by** the Swedish National Board of Housing, Building and Planning and the the Ministry of the Environment in Finland

**Type** Working group

**Time period** 2019-10-03 - Ongoing

BUILDINGS

COLLABORATION

HARMONIZATION

KNOWLEDGE BUILDING

LIFE CYCLE ASSESSMENT

The Nordic working group for LCA, climate and buildings is developed in collaboration with the Swedish National Board of Housing, Building and Planning (Boverket) and Ministry of the Environment in Finland to address the results from the Nordic Climate Forum of Construction 2019 and to deepen the discussion of a Nordic harmonization of construction between expertise within Nordic building authorities, academia and industry.

### Background

The Nordic Council of Ministers decided the 29 of May 2018 in Stockholm to initiate a work for Nordic harmonization of building regulations concerning climate emissions. As a result, the Ministry of the Environment in Finland and the Swedish National Board of Housing, Building and Planning took the initiative to arrange a conference, **Nordic Climate Forum for Construction**, in Malmö the 3rd of October, to bring together the Nordic construction authorities and the foremost in academia and construction industry. The conference is organized in collaboration with the Nordic Council of Ministers. The main target for the



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**Project organisation**

# Presentation of our website

## Aim & purpose

The purpose of this working group is to give input to Nordic harmonization of life cycle assessment of climate emissions buildings with the aim to reduce the building sector's climate emissions. The aim of the working group is also to work for Nordic collaboration on issues related to mainstreaming LCA methods, their practical application and normative development of climate impacts of buildings. This is done by bringing together key actors from the Nordic construction industry and academia together with the building authorities. The purpose is to deepen the discussions and take care of the results from the Nordic Climate Forum in Malmö.

## Outcomes

The Nordic Climate Forum 2019 in Malmö marks the start of this group. Continued dialogue will take place through three web meetings during 2019-2020 where the group's participants can exchange experience, continue to map the latest research, raise knowledge gaps, capture interest, and increase understanding within the framework of the LCA working group, with the aim of facilitating the Nordic harmonization effort.

The web meetings will be a forum for experts with focus on LCA. The working group constitutes an important forum for contributing to the development of the policy framework, for example climate declarations of buildings, and can lead to the initiation of new projects such as development of methodology and state-of-the-art for LCA of climate for buildings.

-  [Josefina Lindblom](#)
  - [Financing sustainable construction\\_Esa](#)
  -  [Kallio\\_20190103](#)
  -  [Martin Manthorpe](#)
  - [What can we reach with harmonization\\_Harpa](#)
  -  [Birgisdottir\\_20191003](#)
  -  [Eivind Selvig](#)
  -  [Martin Erlandsson](#)
-

# Presentation of our website

## Public webinar

Information from the working group will also be disseminated to a broader group of stakeholders through, among other things, the implementation of an open webinar. The webinar will focus on dissemination of the results from the Climate Forum 2019, spreading competence about LCA in the Nordic region and further expanding the network. The webinar will be organized by Swedish Life Cycle Center with input from the working group. The webinar can be found [here](#).

## Network

A forum for dialogue with a wider group of stakeholders is formed to spread knowledge and planning of future meeting points, e.g. lead the agenda and planning of next conference. To join the network and get updates sign up for the newsletter in the form below.

**Other questions? Send an email to [maria.rydberg@chalmers.se](mailto:maria.rydberg@chalmers.se)**

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Name:

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# Presentation of our website

## News, events and publications

### Events

[Nordic Climate forum for Construction 27 August](#)

[Webinar 29 May](#)



### News

[What you should know about the new revision of the EN15804 standard: the EN15804+A2](#)

[Klimatdeklaration för byggnader \(SWE\)](#)

[Intense round table discussions during Nordic Climate Forum for Construction](#)

### Publications of interest (not from the project)

[Klimapåvirkning fra 60 bygninger: Muligheder for udformning af referenceværdier til LCA for bygninger](#)

[Livscyklusvurdering for cirkulære løsninger med fokus på klimapåvirkning: Forundersøgelse](#)

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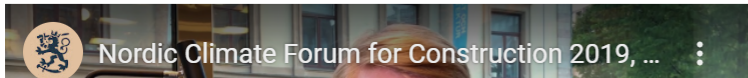
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## More information:



# Current issues/opportunities for the Nordic countries

## **Construction Products regulation**

- Revision of the Construction product regulation
- Pulling resources together and stronger voice

## **Level(s)**

- Following the development of Level(s)
- Ensuring compatibility with Nordic regulation
- Making sure Nordic viewpoints are represented in the development of Level(s)

## **Nordic cooperation on circular economy in construction**

- Exchange of experience on with reuse
- Exchange of experience on regulation and policy making



# Questions?

Danish transport, Construction and  
Housing Authority

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Project manager

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