



## **Klimabudsjett 2.0**

### **Workshop summary: Klima & Carbon budgets in municipal planning - Experiences from Sweden & Norway, February 28<sup>th</sup> to March 1<sup>st</sup>**

*By Jesse Schrage, CET/UiB*

Carbon and Climate Budgets have become important tools to organise climate work locally, in Sweden and Norway respectively. During this two-day workshop, 20 civil servants, researchers and NGO workers from both Norway and Sweden met in Bergen to discuss these topics. The aim of the workshop was to explore the benefits and challenges of both approaches, to provide a space for exchange between civil servants from both countries, and think of ways of combining them both in practice.

A number of presentations provided input to the discussions. Kevin Anderson (Manchester University, CET) stressed the necessity to use carbon budgets as a way of organising local climate planning. Drawing on previous research projects, Jaise Kuriakose (Tyndall Center) described how the concept of local carbon budgets were taken-up by a range of municipality and regional counties in the UK, and the impacts the projects had in changing the policy discourse in local governance spaces.

Peter Rydberg (Borås Stad, Sweden) presented how the development of local carbon budgets lead to the development of a Climate Board, a Climate Committee and contributed to the development of the municipality's climate and energy strategy. Bjørn Nordby from Asker municipality presented how the municipality's Climate Budget allowed to plan for emission reductions locally. Jesse Schrage (CET) showed initial results from the Klimabudsjett 2.0 project and asked for feedback on ways to improve a tool to visualise both Carbon and Climate Budgets. Finally, Carlo Aall gave an overview of two research projects, HOPE and TRANSFROM to address consumption-related emissions locally.

All in all, the workshop allowed us to explore a wide range of topics related to local climate planning. How do we anchor the deep and rapid emissions required to meet climate targets in the work of climate departments? What agency do municipalities have to drive an ambitious local climate agenda? What short- and long-term changes are necessary?

During those two days, participants discussed the potential synergies between carbon and climate budgets. While the former has provided a method to set national and city-level targets, the later was developed as a process tool for planning and organising yearly climate action in municipalities. Workshop participants expressed that both are necessary in order to choose appropriate local climate targets, drive ambition, and make sure that climate measures are implemented and followed-through. Out of the discussions, a number of questions emerged, notably the need to clarify the capacity of municipalities to coordinate local climate work, the need to engage with regional and national policy makers when it comes to specific emission source (such as local industries, the presence of an airport, etc ...) or how the long-term effect of low-carbon investments can be made more visible institutionally.

The output of this project will inform the development of a tool to support local reduction of greenhouse gases, to be used by several counties and municipalities in Norway. This workshop is part of the project Klimabudsjett 2.0, a collaboration between Vestlandsforskning and CET. For more information, visit the project page: <https://www.uib.no/en/cet/150696/klimabudsjett-20>

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# Agenda

## Climate and Carbon Budgets in municipal planning – experiences from the Nordics Monday February 28th – Tuesday March 1st 2022

### Monday March 28th

<b>10:30</b>	<b>Welcome “fika”</b>	
<b>11:00</b>	<b>Introduction to the WS</b>	Jesse Schrage & Hans Jakob Walnum
<b>11:30</b>	<b>“From global to local carbon budgets”</b>	Kevin Anderson
	Presentation	
<b>12:15</b>	<b>Lunch</b>	
<b>13:15</b>	<b>Budgets in Municipal Planning</b>	
	Carbon Budgets - experiences from UK and Sweden - How have Carbon Budgets landed in the UK? - Carbon Budgets in Sweden - A case of Borås Stad	Jaise Kuriakose Peter Rydberg
	Klimabudsjett - experiences from Norway - ... and Municipal level	Bente Støa
	Discussions in plenary	
<b>14:30</b>	<b>Coffee Break</b>	
<b>14:50</b>	<b>Relevance of Climate and Carbon Budgets to municipal planning</b>	Jesse Schrage
	Break-out discussions in smaller groups	
	Questions to explore: - What are the Barriers and Opportunities of each approach? - What perspectives are missing? - What are important issues to include in Klima and Carbon budgeting?	
<b>16:30</b>	<b>Wrap-up and identify issues to raise the next day</b>	Jesse Schrage

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## Climate and Carbon Budgets in municipal planning – experiences from the Nordics Monday February 28th – Tuesday March 1st 2022

### Tuesday February 1st

<b>8:30</b>	<b>Can we combine Klima and Carbon Budgeting approaches?</b>  Presentation of Klimabusjett 2.0 “tool”  Discussions in plenary	Jesse Schrage
<b>10:00</b>	<b>Coffee Break</b>	
<b>10:20</b>	<b>Transform: How to engage with consumption-based emissions locally</b>  Presentation	Carlo Aall
<b>11:20</b>	<b>Ways forward - Budgets in municipal planning</b>  Group discussions	Jesse Schrage
<b>12:00</b>	<b>Wrapping-up - Strengthening Klima and Carbon Budgets in municipal planning</b>	Jesse Schrage
<b>12:15</b>	<b>Lunch</b>	

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