

Introduction to Östersund

- In the middle of Sweden
- The only city in the region of Jämtland
- 65 000 inhabitants



Climate targets

Two perspectives

Organisational emissions

- Full control, possibility of direct action

Territorial emissions

- Restricted control, many stakeholders, municipality in lead



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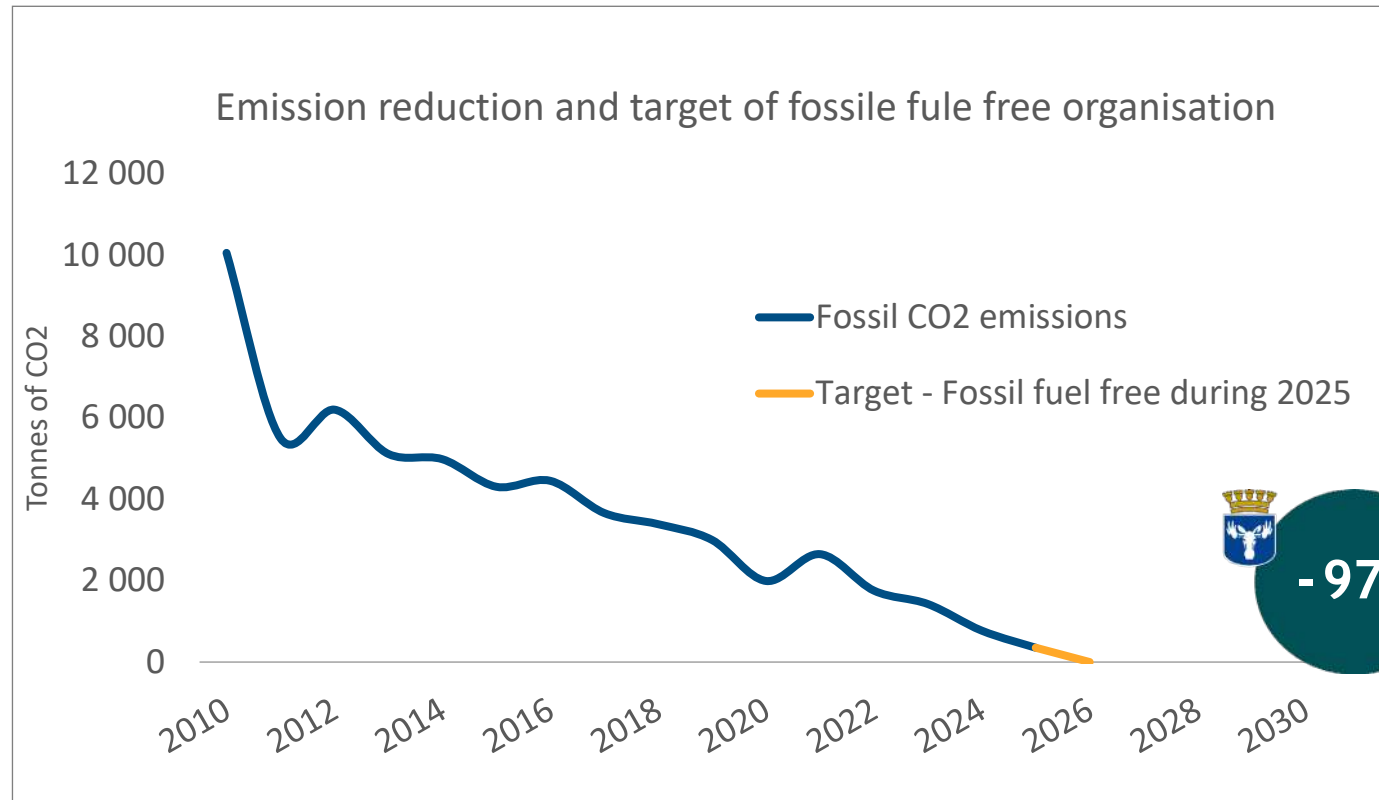
Climate-and energy strategy

- Transport, travelling and work machinery
- Urban planning and construction
- Energy
- Consumption



Climate Targets

Fossil fuel free organisation



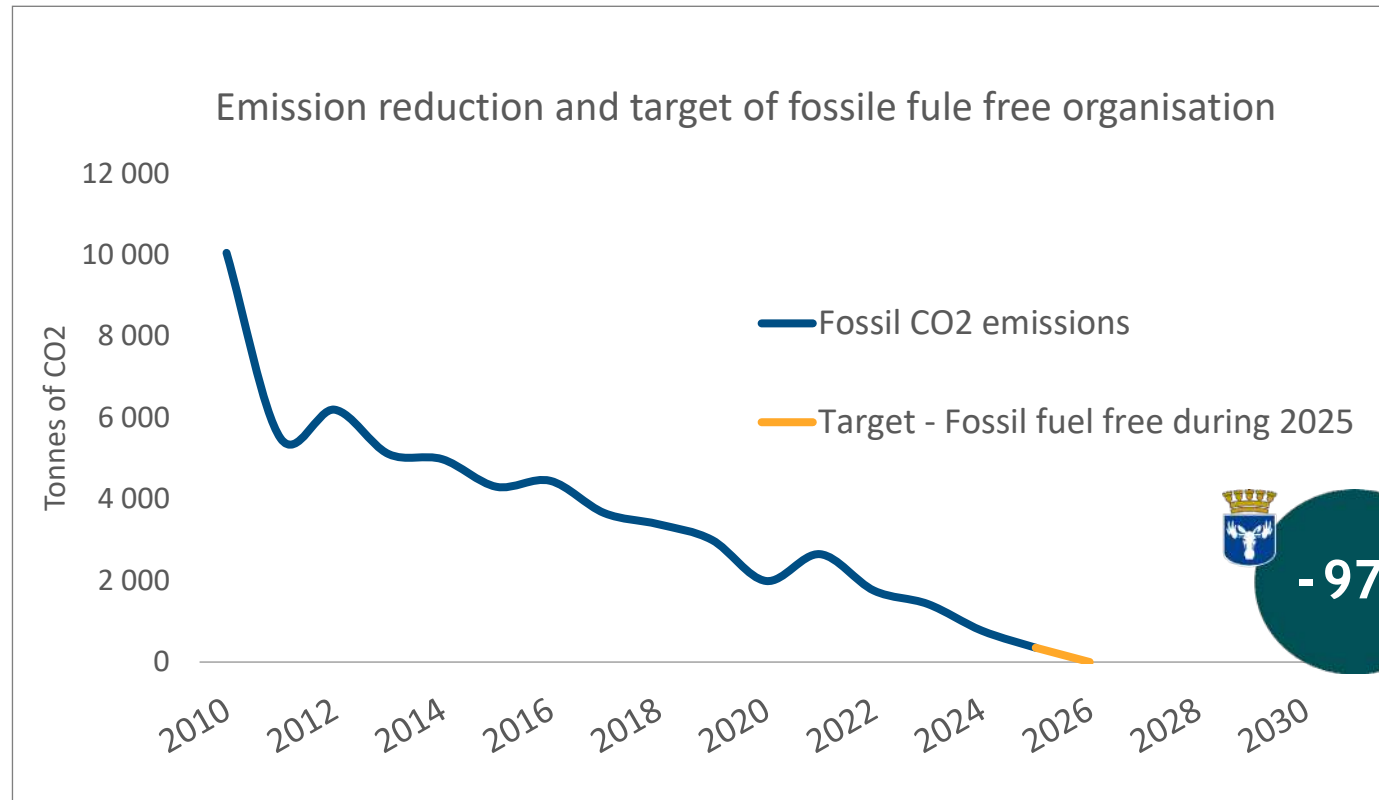
The last 3 % consists of:

- 1% - Fossil residuals in district heating
- 1%* - Business travel
- 1% - Residual fuels in machines and procured services.

* Rest of emissions reduced by internal carbon fee and purchase of green aviation fuel.

Climate Targets

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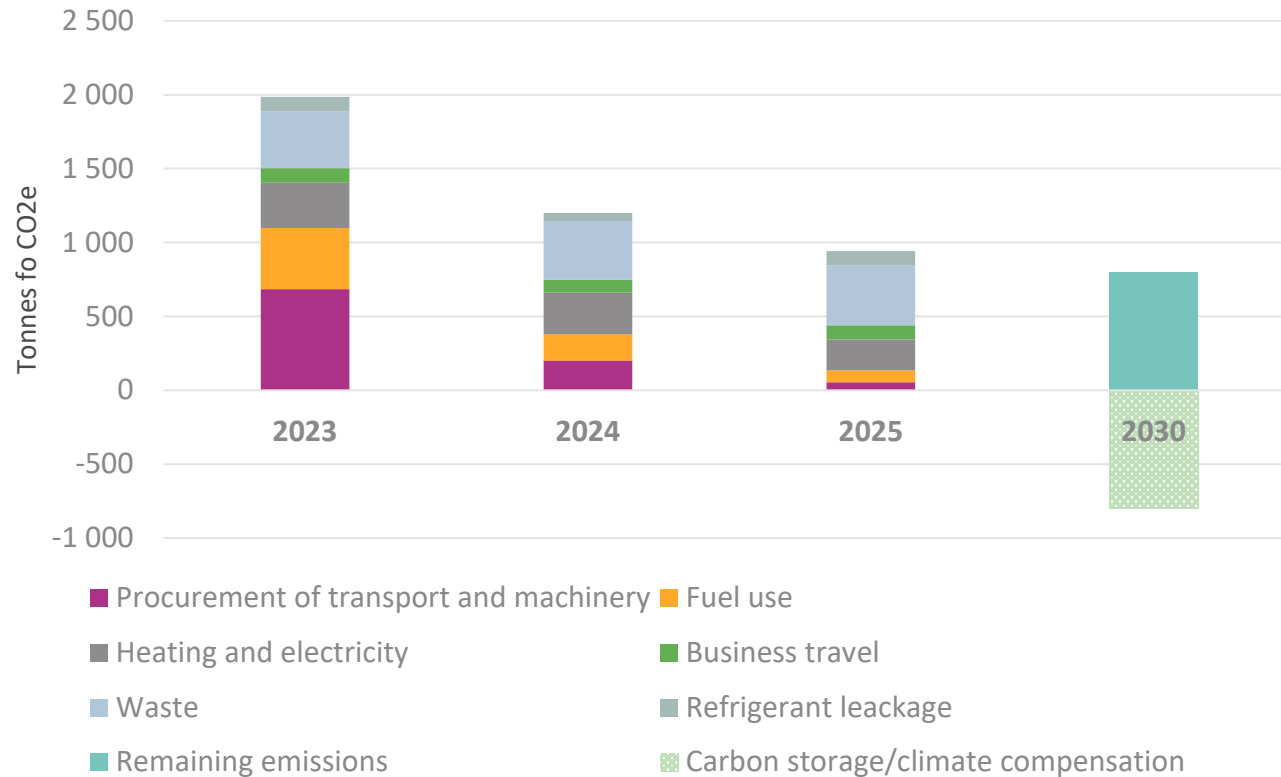


Role of climate budgeting in reaching the target

- ☐ Clear target, well anchored
- ☐ Emission inventory
- ☐ Activity (Km, litres, kwh) x Emission factor (energy carrier)
- ☐ Identifying objects/measures
- ☐ Calculate cost and emission reduction
→ direct emissions = easier
- ☐ Mark out in investment budget

Climate Targets

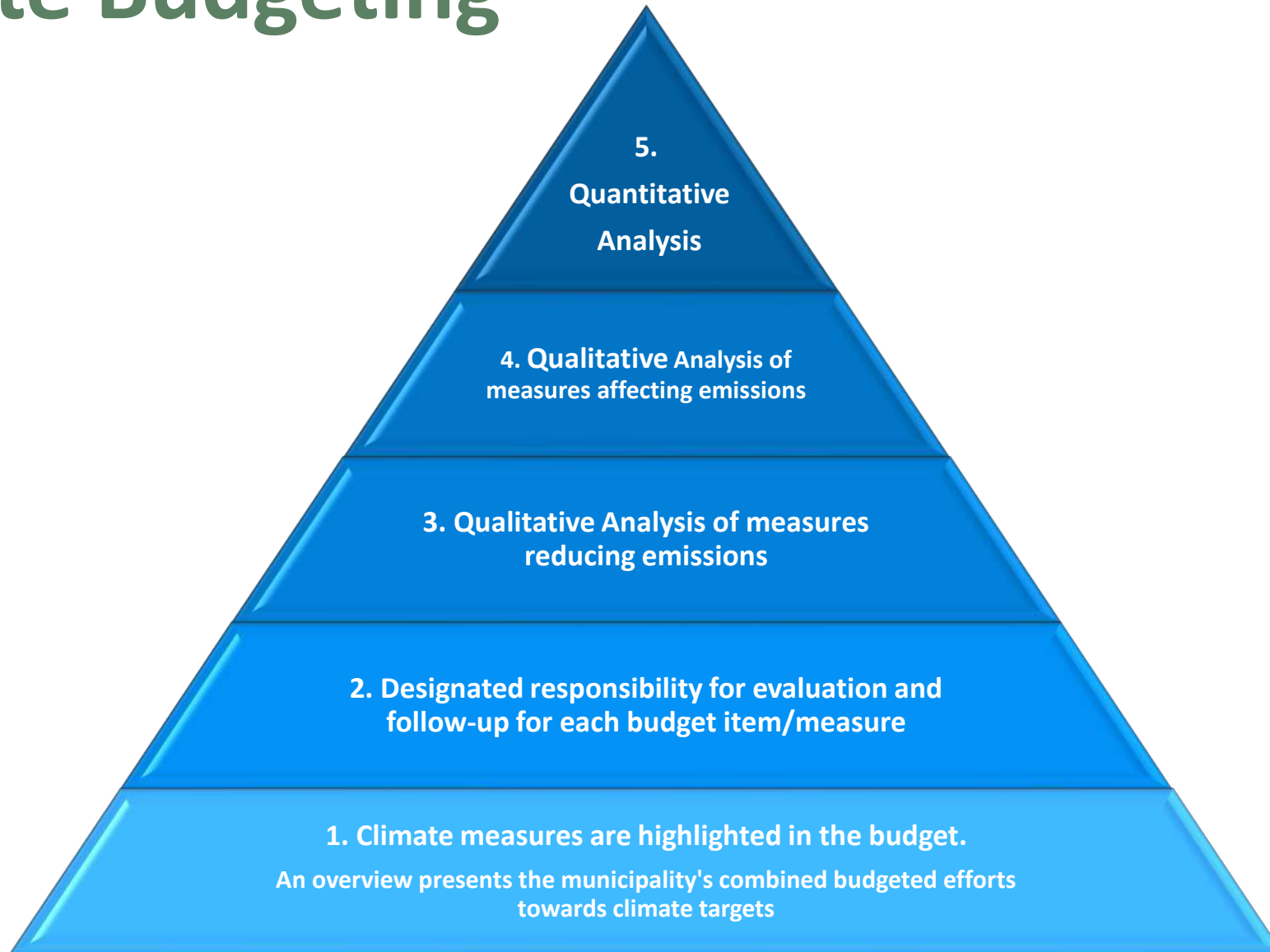
From fossil fuel free to Climate neutral organisation



Definition of climate neutrality

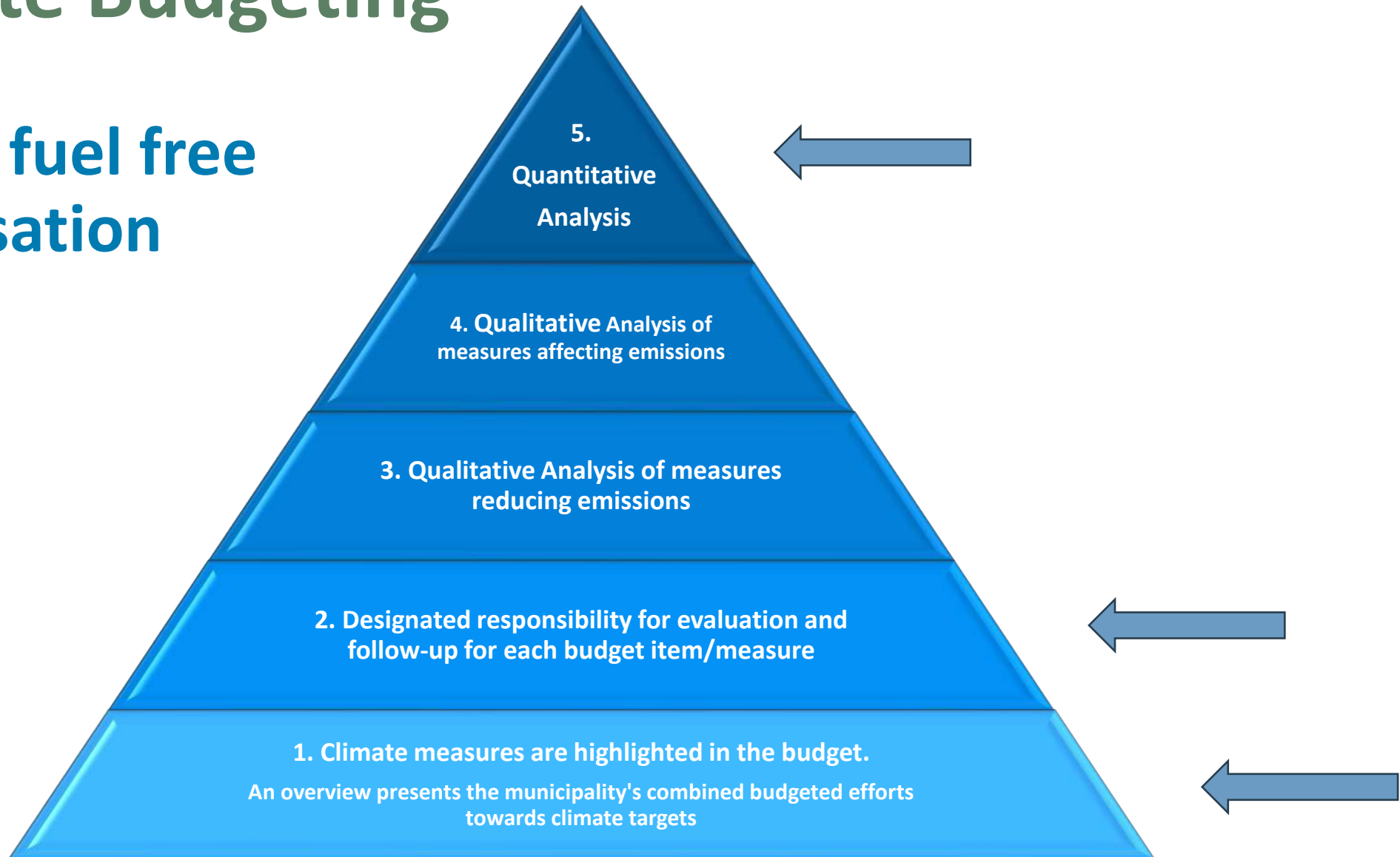
- ☐ Fossil fuel free in own operations
- ☐ Fossil fuel free procurements
- ☐ Increasing demands towards emission free procurements
- ☐ Waste and refrigerants
- ☐ Carbon storage / climate compensation for remaining emissions

Climate Budgeting



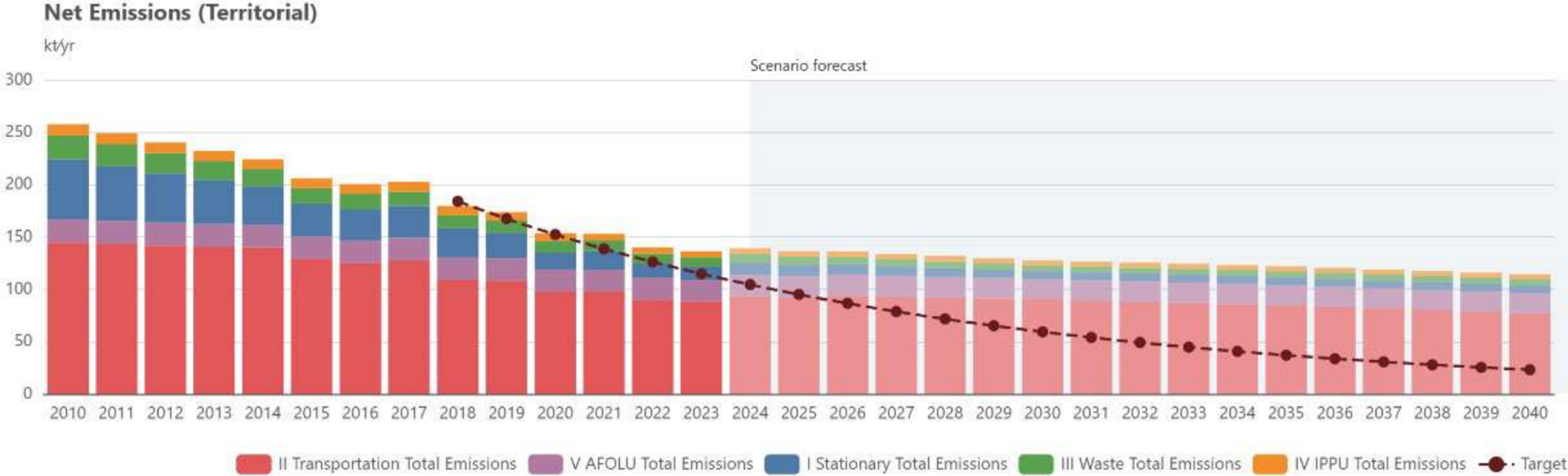
Climate Budgeting

Fossil fuel free organisation



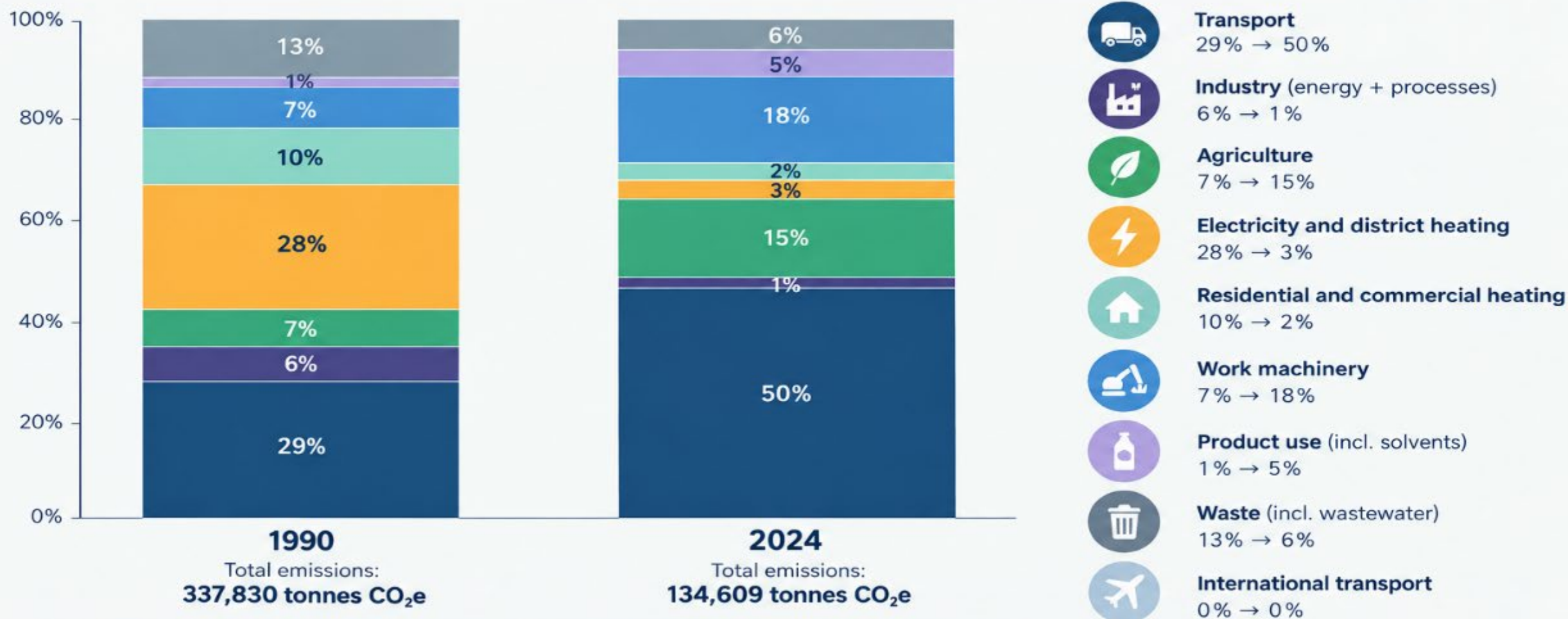
Climate Targets

Climate positive by 2040



Emissions have decreased – but transport now accounts for a larger share

Share of territorial greenhouse gas emissions by sector, 1990 vs 2024



Total emissions
– 60%
since 1990



Transport sector
29% → 50%
of remaining emissions

Climate budget

Under development

Climate targets *Where are we going?*

Emissions status *Where are we?*

Gap-analysis *What need to change?*

- Per climate strategy area

Budgeted measures *What are we doing?*

- Tagging of climate measures
 - Investment budget
 - Political assignments

Consequence analysis *Are we doing the right thing?*

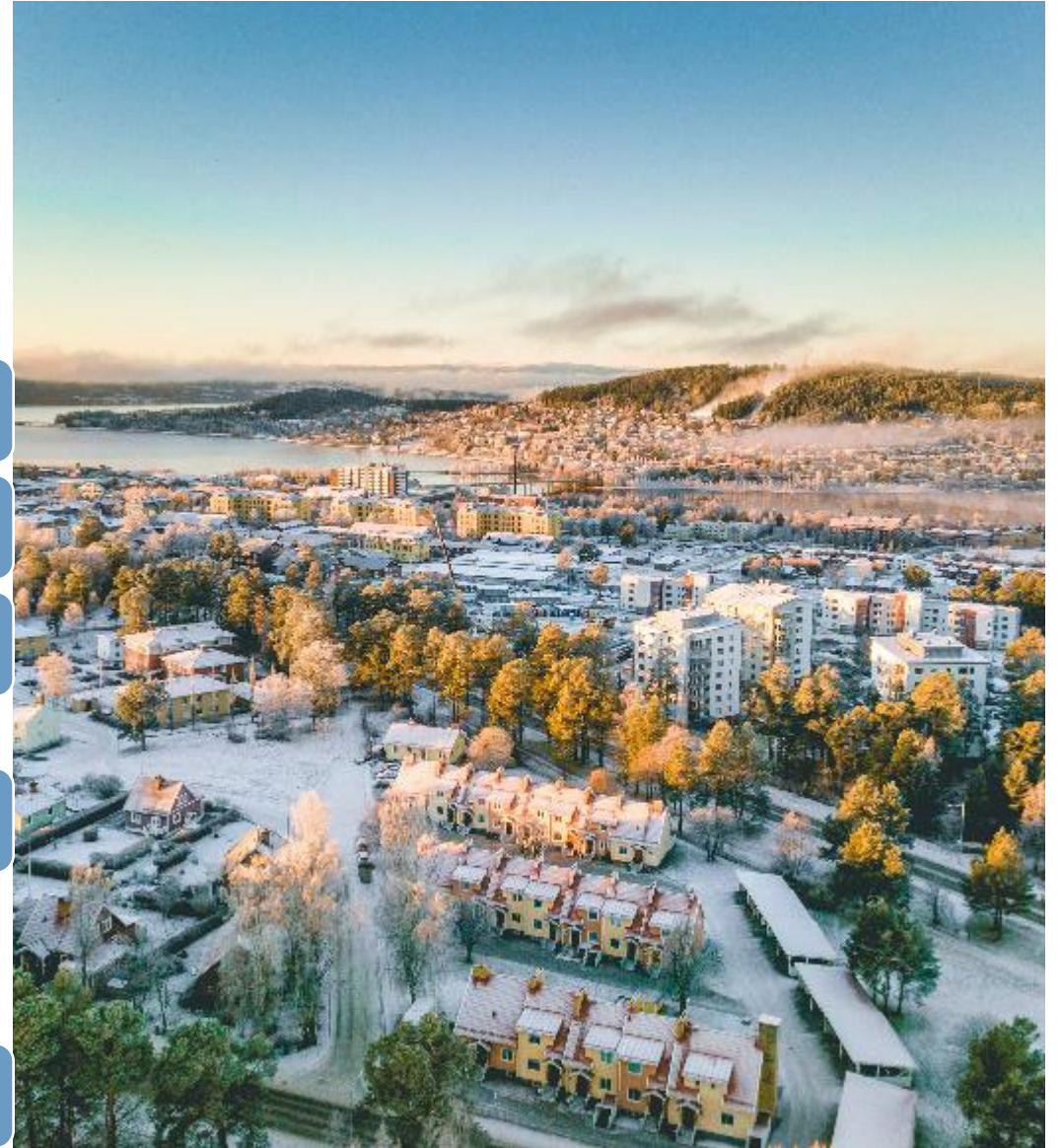
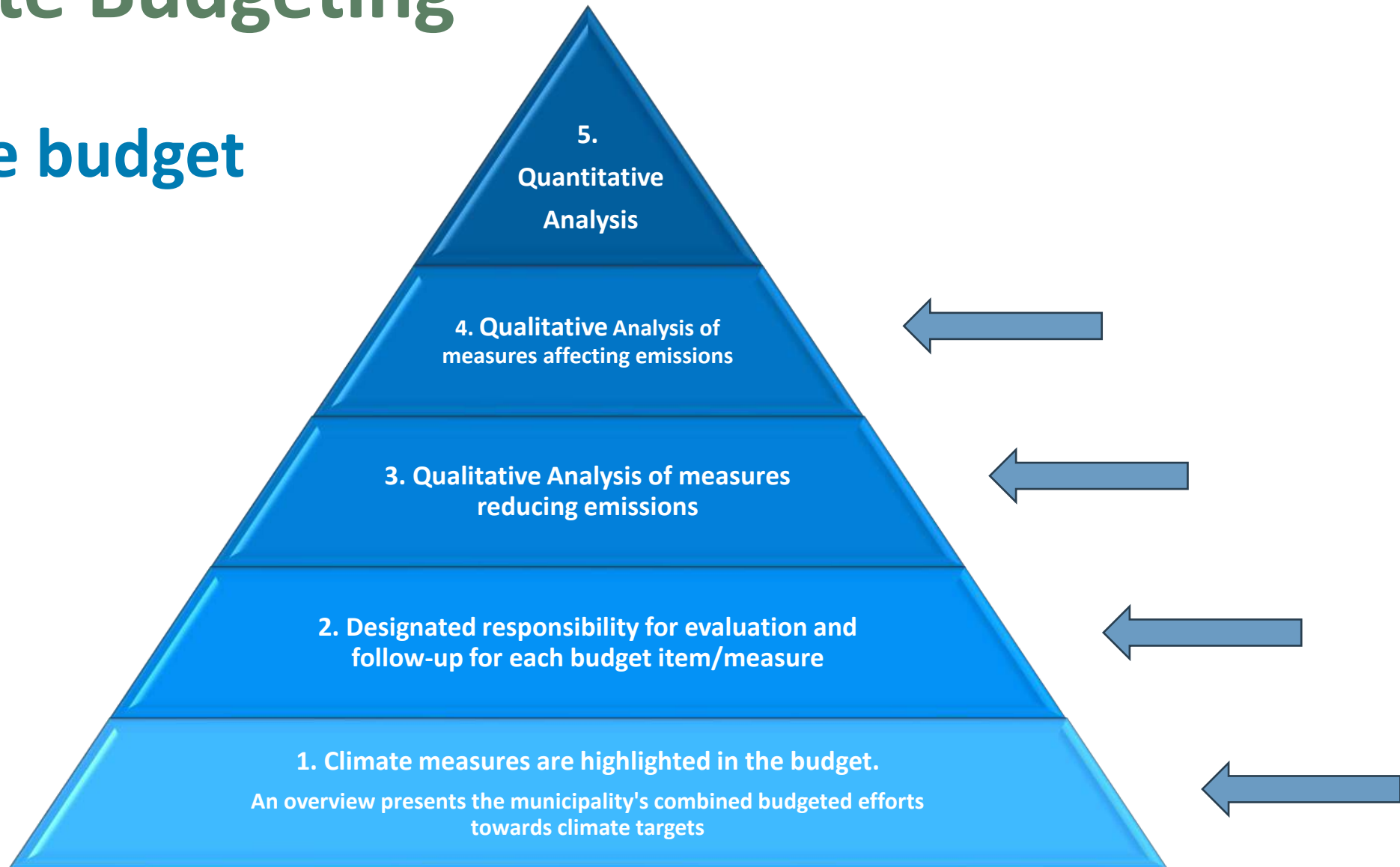


Photo: Tobbe Hising

Climate Budgeting

Climate budget



Climate budget

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Active – Reactive approach

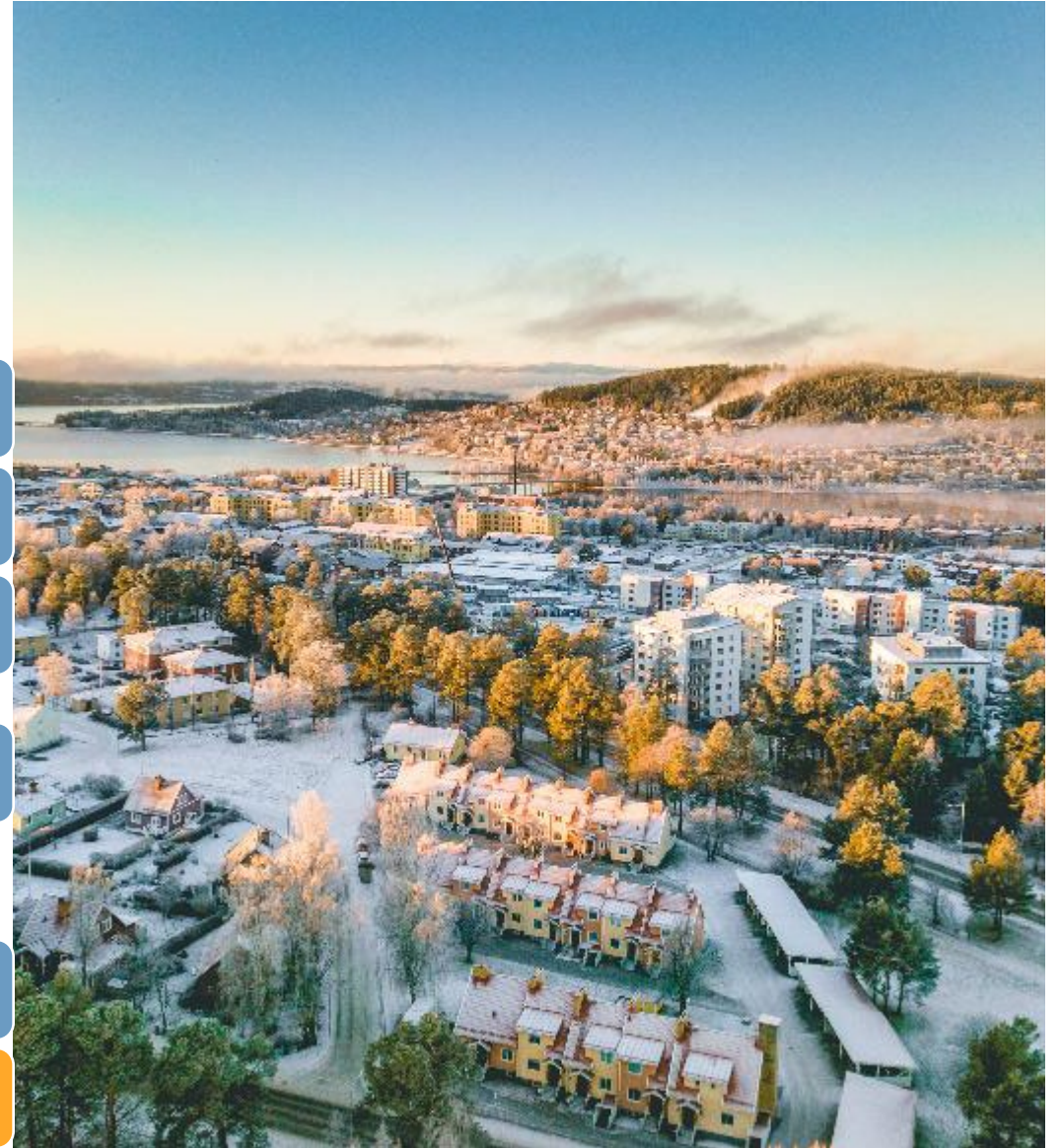


Photo: Tobbe Hising

Interreg
Baltic Sea Region



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ENERGY TRANSITION

Climate-4-CAST

Thanks for listening

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Rasmus Grelsson

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