

Interreg
Baltic Sea Region



Co-funded by
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ENERGY TRANSITION

Climate-4-CAST

Actions for transport sector

Östersund | 2026.03.31

Rasmus Vermum

interreg-baltic.eu/project/climate-4-cast/



INTRODUCTION TO ÖSTERSUND

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



Territorial Emissions

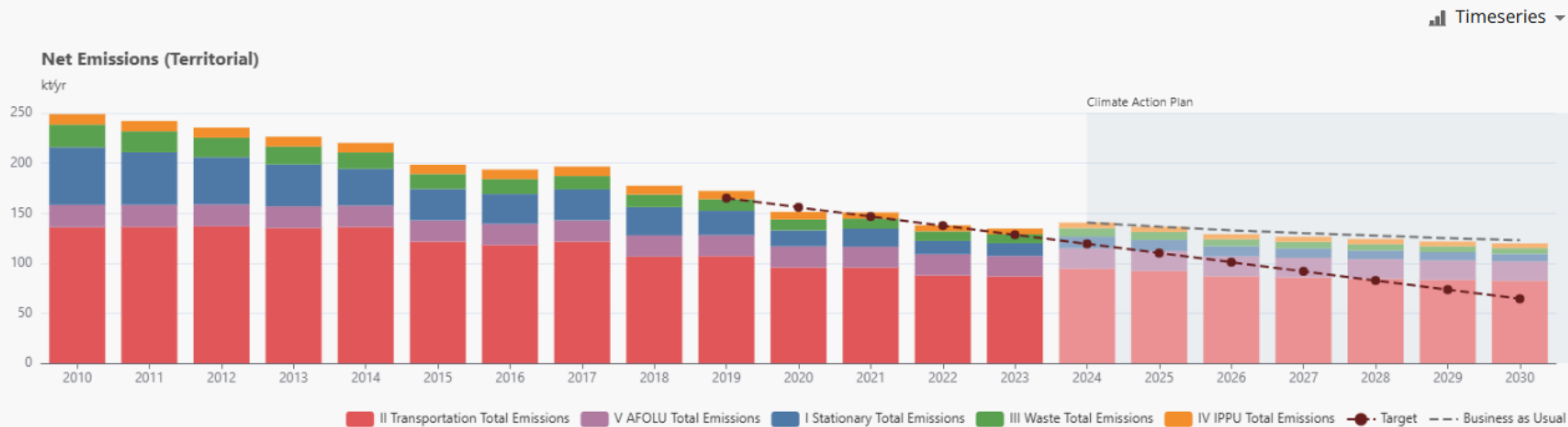
30% of territorial emissions = passenger cars

Net Emissions (Territorial)

Scenario forecast 2030

120 kt/yr

-52% (2010 - 2030)



Subsectors (2030)

II Transportation Total Emissions

Scenario forecast 2030

82 kt/yr

-39% (2010 - 2030)

V AFOLU Total Emissions

Scenario forecast 2030

19 kt/yr

-13% (2010 - 2030)

I Stationary Total Emissions

Scenario forecast 2030

8 kt/yr

-87% (2010 - 2030)

III Waste Total Emissions

Scenario forecast 2030

6 kt/yr

-75% (2010 - 2030)

IV IPPU Total Emissions

Scenario forecast 2030

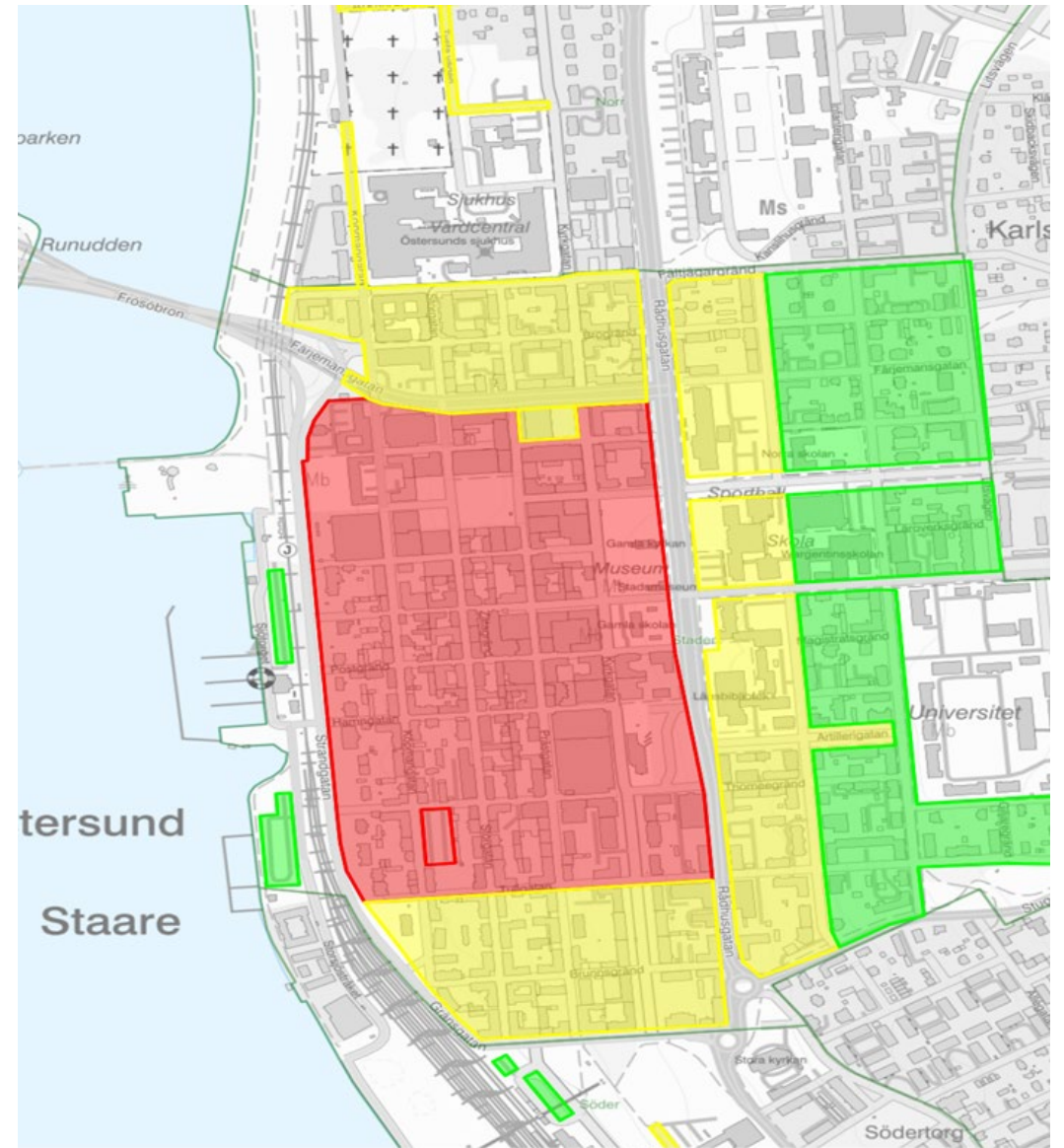
5 kt/yr

-55% (2010 - 2030)

Parking measure

Analysis setting

- Municipal owned parkingspaces: **2000**
- Number of parkings per year: **900.000**
- Parking data includes (Technical department)
 - Start-stop time
 - Parking cost
 - Vehicle identification
 - Parking zone
- Vehicle data includes (Swedish Transport Agency)
 - Registration address

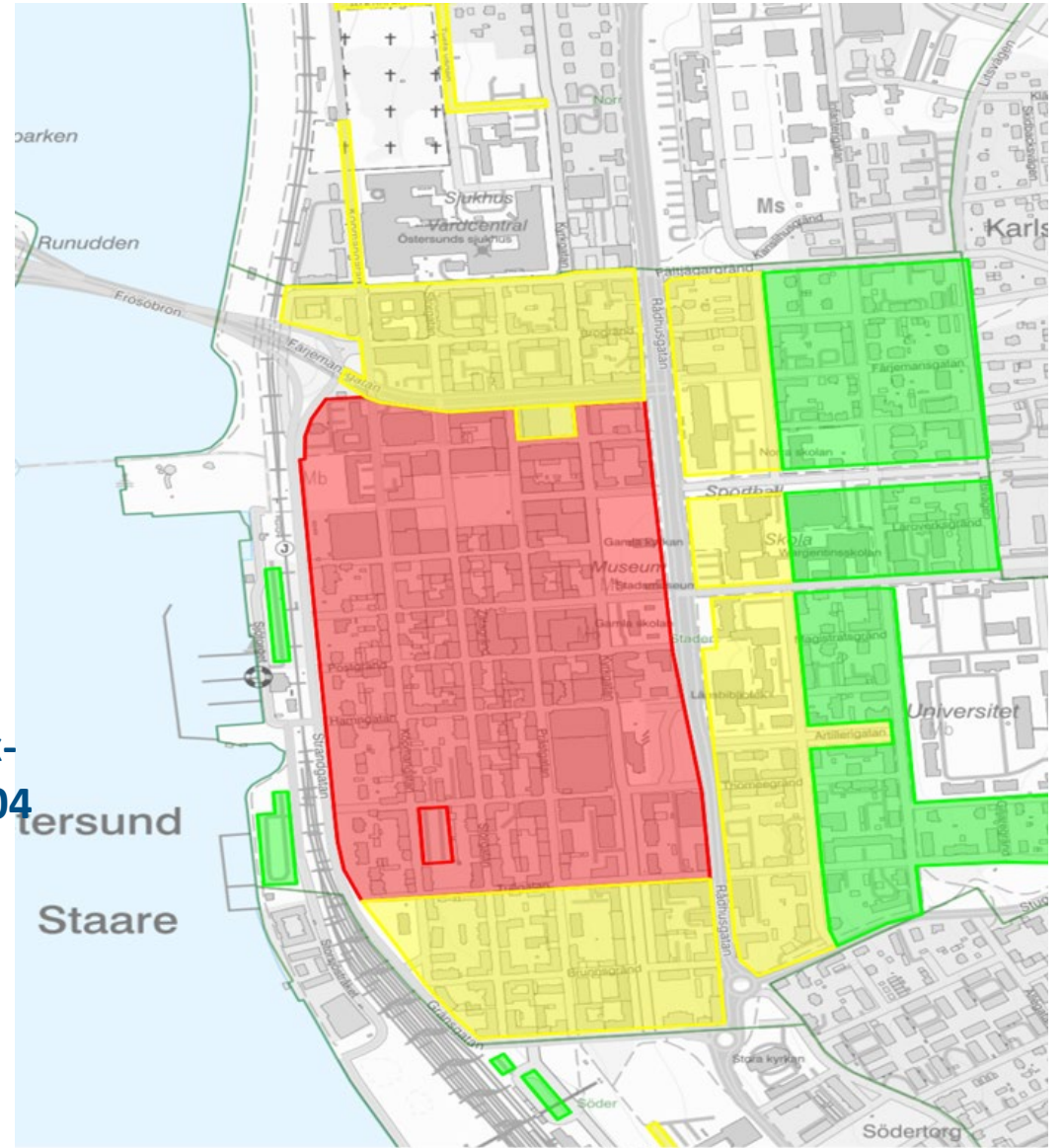


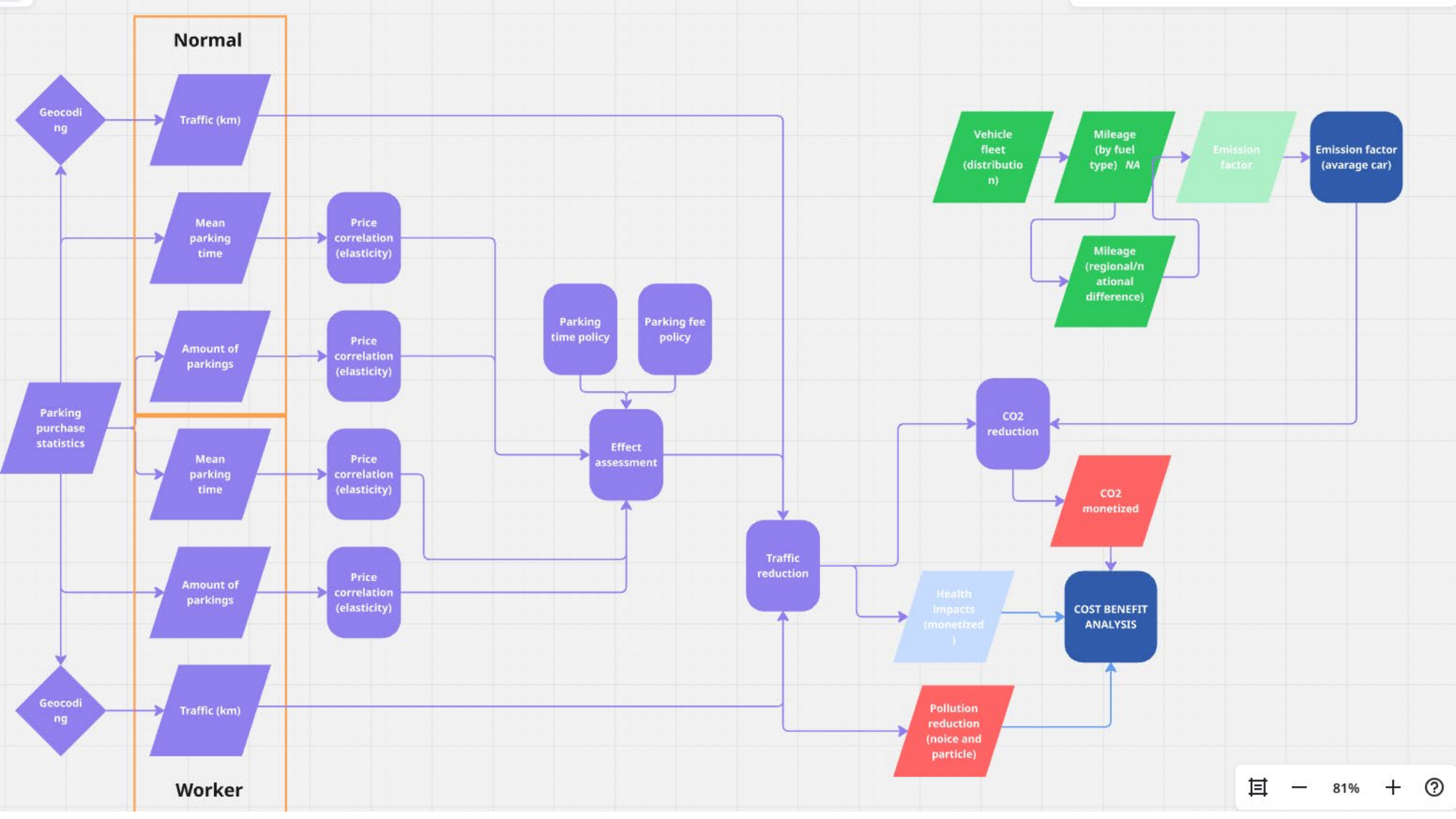
Parking measure

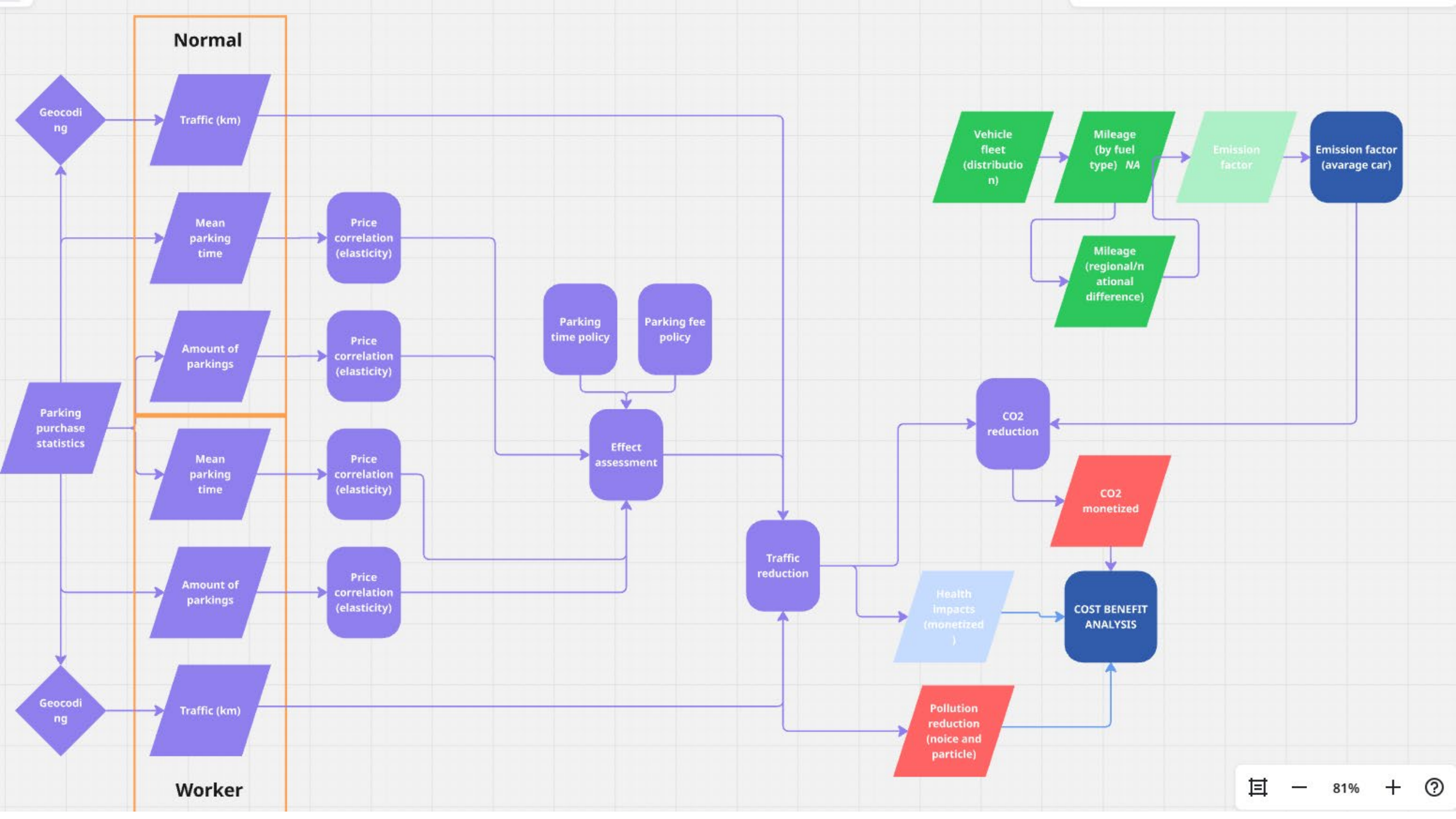
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Data includes a tax-change from 202504







Mean
distance
(km)

X

Amount
of
parkings

=

Traffic
load

Price
change



Price
elasticity



(reduction)
Traffic load



OPEX
change



SEK/KM



MAIN RESULTS

Workers

- Changes the amount of travels
- Does not reduce parking time

Normal parkings

- Does not change amount of travels
- Reduces parking time

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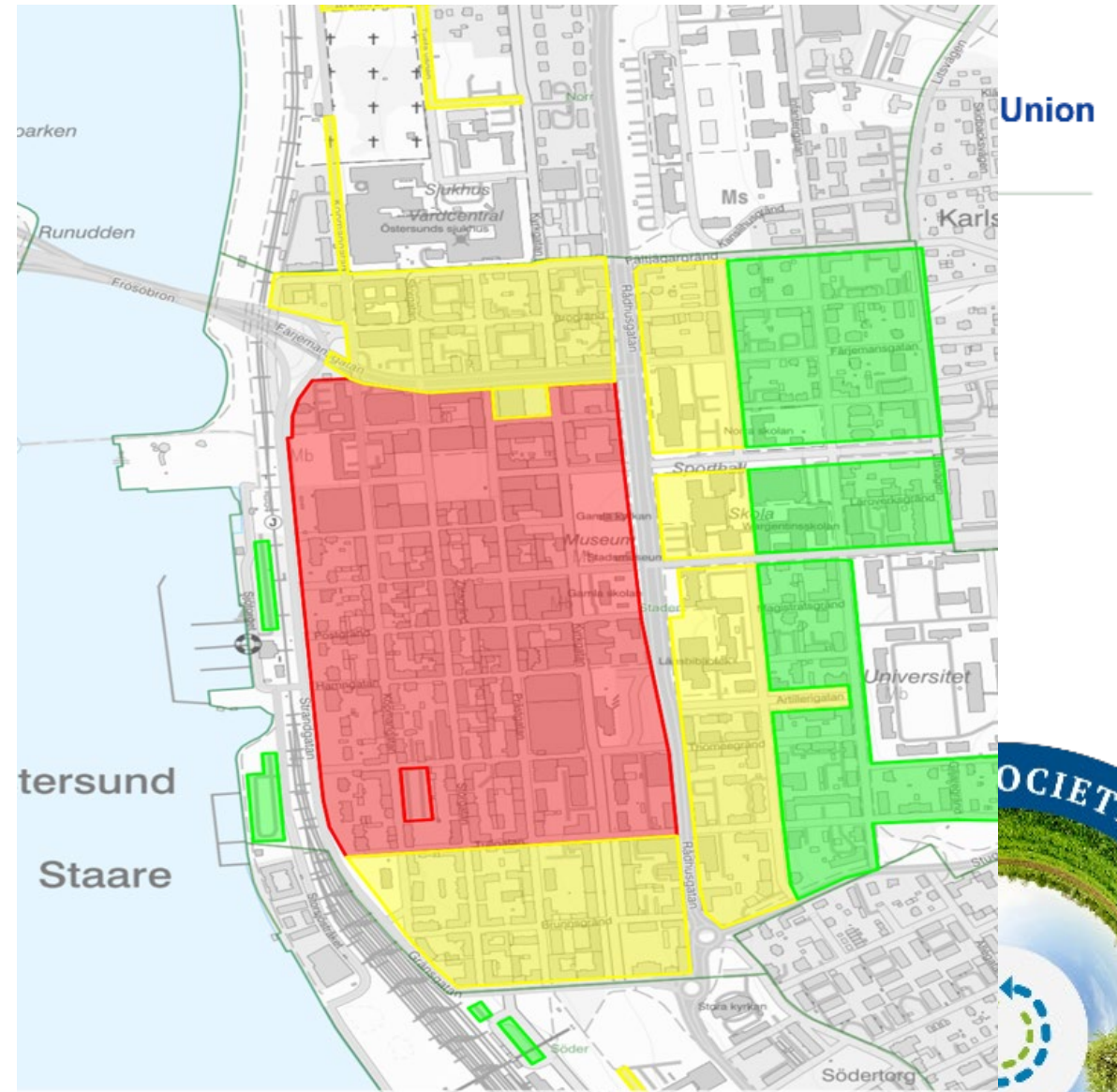


MAIN RESULTS

Technical department

Price elasticity

Linearity?

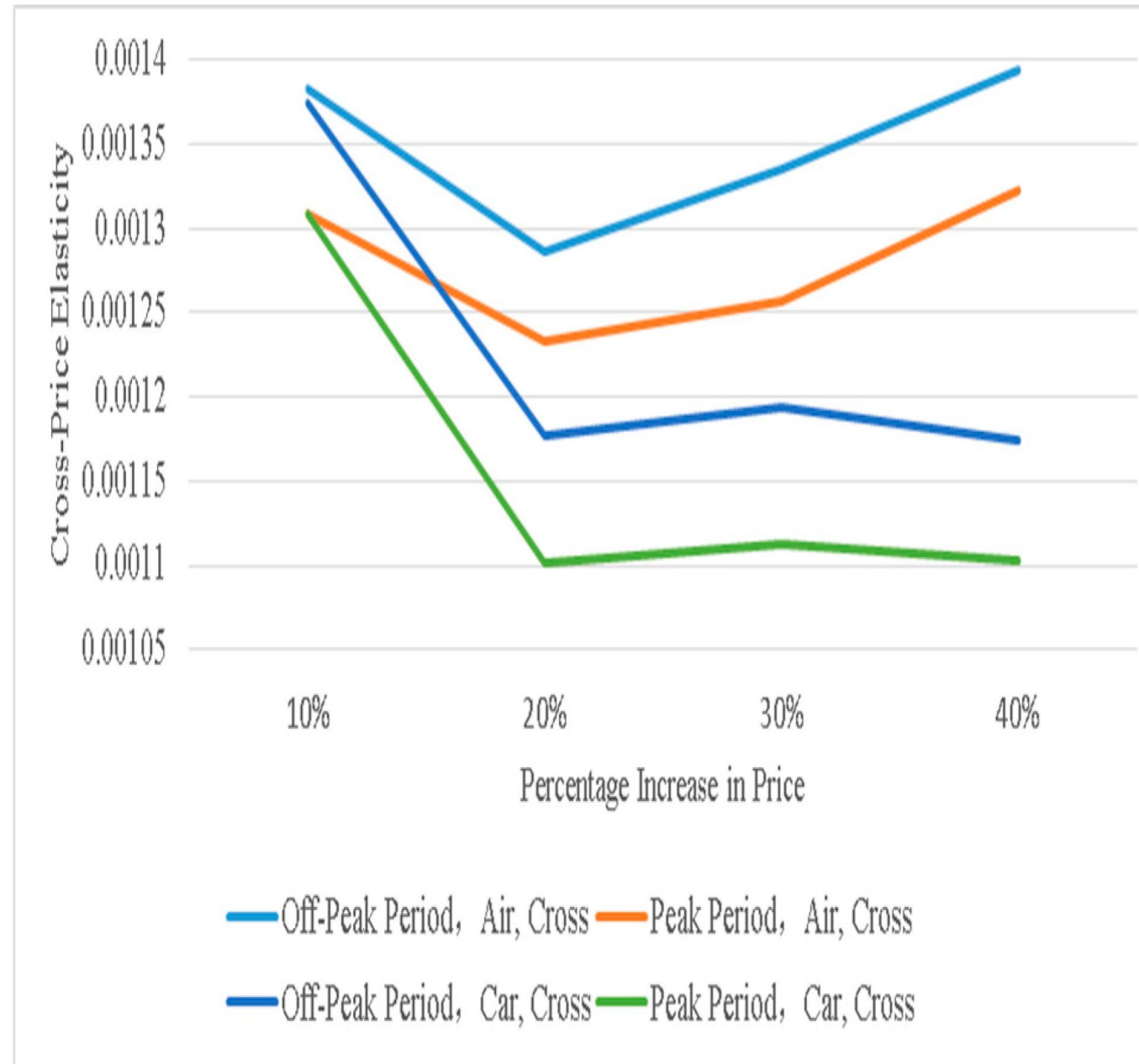


MAIN RESULTS

Technical department

Price elasticity

Linearity?





Rasmus Vermum, Project leader

Public Work Department, Ostersund municipality.

- I've worked with climate budgeting since **2024**
- I have expertise in: **action modelling** and **effect estimations, emission modelling.**
- I'd like to learn about: **Governing systems** and **effect estimation**
- My city is good at: **Emission inventory, Emission-free construction**
- I want to twin with a city that
- I'll be attending hands on training in person on 1-2 September in Turku (i'll see you there! 😊)