



# Mission Cities Striving for Sustainable Urban Logistics

**NetZeroCities Webinar**

**Powered by ECT projects of Lahti and Helsinki**

**3.9.2025**



Funded by  
the European Union



# Purpose for Today

Cutting logistics-related emissions is increasingly important on our mission towards Net Zero Cities

- How can cities encourage and enable sustainable urban logistics?
- Share experiences and draw inspiration from others tackling similar issues





# Agenda



---

- 13.00 Welcome to the webinar!
- 13.05 How is it going in Enabling City Transformation projects of City of Lahti and City of Helsinki that both seek solutions for more sustainable logistics?
- 13.20 Successful approach for sustainable urban logistics  
*Ingeborg Briseid Kraft, City of Bærum*
- 13.40 City Logistics Plan of Paris  
*Michèle-Angélique Nicol, City of Paris*
- 14.00 **City of Amsterdam, City of Oslo and City of Gävle** on their approaches to sustainable urban logistics  
*Christiaan Nord, Margrethe Lunder, Anna Klasson*
- 14.30 Break-out sessions for sharing and collecting questions
- 14.50 Sharing from breakouts in plenary and wrap-up

---





# Heavy Transport Emissions in Helsinki & Lahti

Jaana Martikainen, City of Lahti

Kaisa Juntunen, City of Helsinki

Project Manager of ZERO-TRAIL

Project Manager of MADLESS



Funded by  
the European Union



# Regional Centrals in Southern Finland

## Helsinki, capital city

- 684,018 inhabitants
  - 1,266,392 in the capital region

## Lahti, regional centre

- 121,691 inhabitants



Funded by  
the European Union



# Shared Challenges in Logistics Emission Reductions

- Limited ability to directly influence logistics emissions
- Identifying critical bottlenecks and stakeholders
- Transitioning to low-emission energy sources is not enough to reach the set targets – additional actions are required

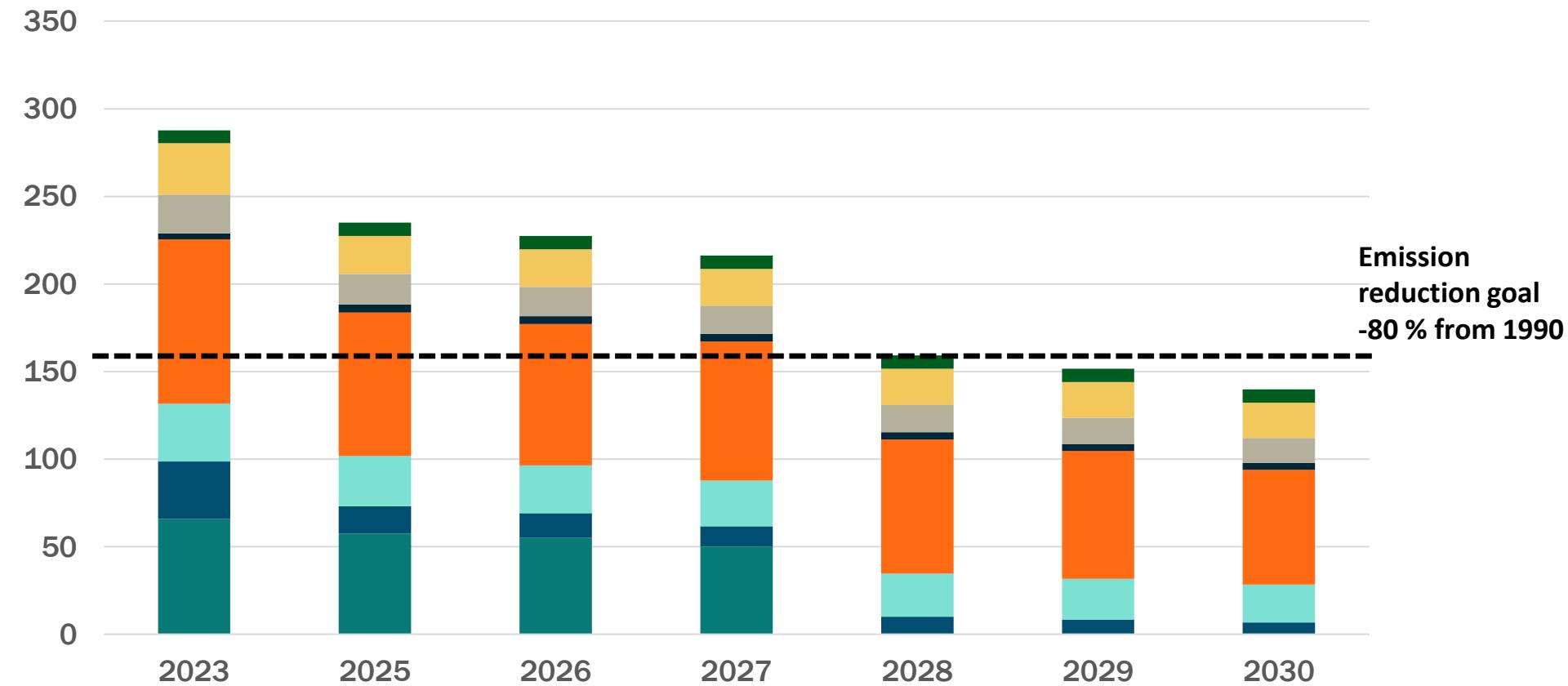
→ NetZeroCities Enabling City Transformation projects  
**ZERO-TRAIL (Lahti) and MADLESS (Helsinki)**





# Lahti: Emissions in 2023 and forecast for 2025-2030 (kt CO2e)

- Agriculture
- Industry and machinery
- Waste management
- Other transport
- Road transport (excl. drive through traffic)
- Electricity consumption
- Separate heating
- District heating



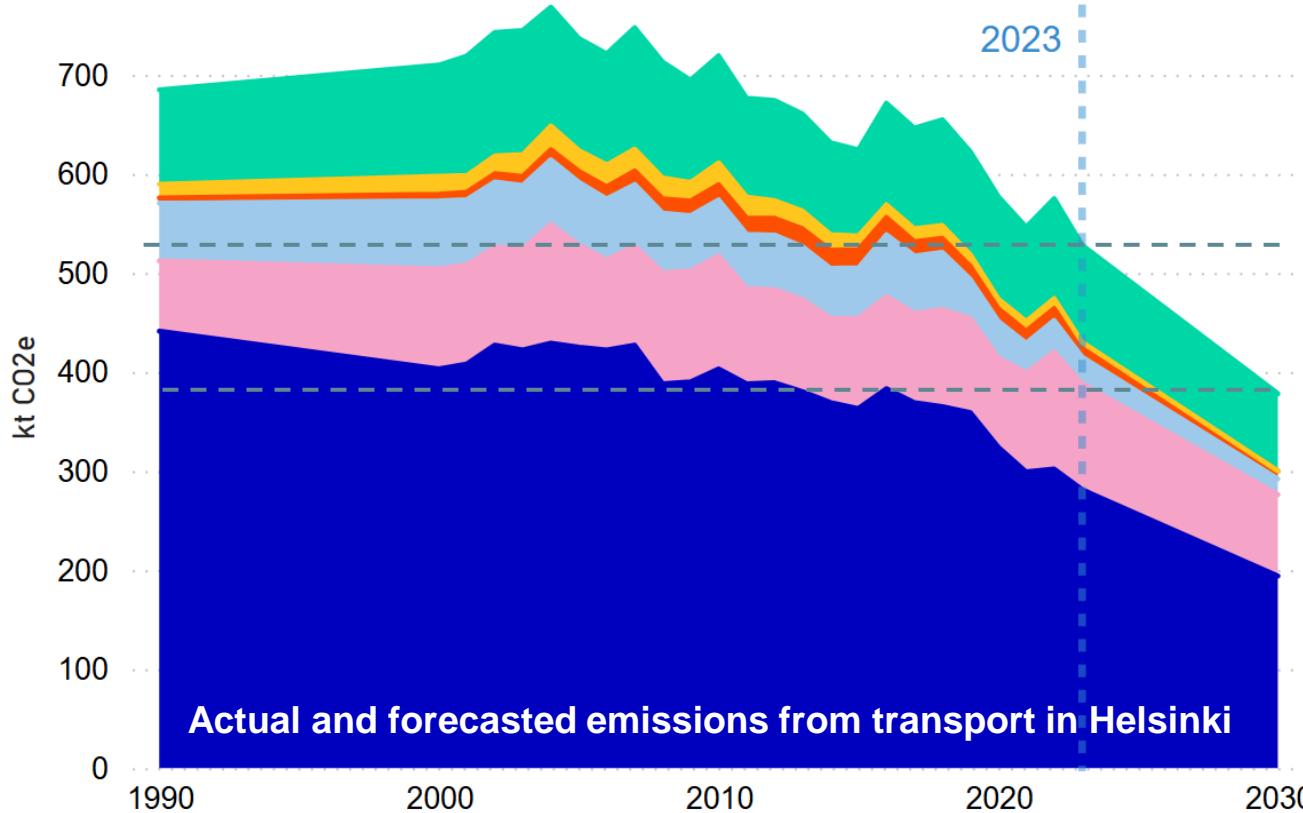
Source: CO2-report, City of Lahti



Funded by  
the European Union



# Transport Emissions in Helsinki



City of Helsinki  
CO2 Emission Reduction Target:  
**–85 % by 2030\***

**2023 Total**

**2030 Forecast**

With existing measures

With existing measures,  
transportation will  
account for **62 %** of total  
CO2 emissions in  
Helsinki in 2030

\*2030 target: Direct CO<sub>2</sub> emissions (scope 1 & 2) down by min. –85 % compared to 1990



Funded by  
the European Union



# Current Actions in Lahti

**ZERO-TRAIL**



Funded by  
the European Union



# **ZERO-TRAIL**

## **TOWARDS ZERO-EMISSION URBAN TRANSPORT AND LOGISTICS**

### **1. Sustainable Urban Logistics Plan SULP**

Meta-analysis

Analysis of logistic flows  
in urban areas

Low-emission logistics of  
the city group

Co-operation with  
stakeholders

### **2. Business models for charging infrastructure**

Background study

Innovations:  
Business model for  
multimodal charging and  
charging hubs

Guidebook for  
municipalities

### **3. Regulative and supportive policies**

Impact assessment

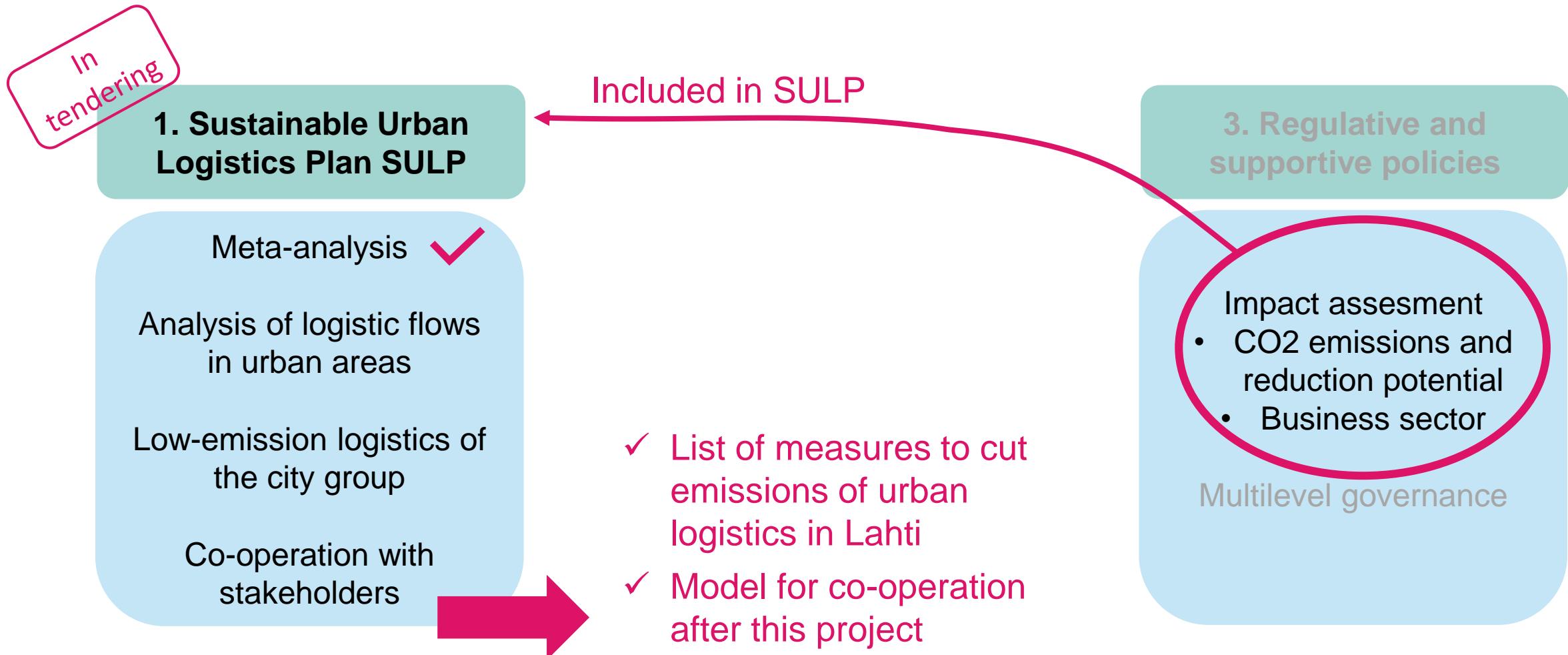
- CO2 emissions and  
reduction potential
- Business sector

Multilevel governance





# ZERO-TRAIL





# ZERO-TRAIL



## 2. Business models for charging infrastructure

### Background study

Innovations:  
Business model for  
multimodal charging and  
charging hubs

Guidebook for  
municipalities

### Background study

- Interviews:
  - level of electrification
  - need for charging infrastructure now and in the next 2 and 5 years in Lahti
- Urban logistics, taxis, buses, charging operators, charger manufacturer, energy company...
- Expecting results by the end of September



Funded by  
the European Union



# ZERO-TRAIL: some notes from meta-analysis

- Key question: how to build **co-operation** with stakeholders
- Measures require co-operation → long logistics chains may make it difficult
- If you want to cut emissions, it will take **time**
- Use **many measures** side by side
- Decision-makers: enough **motivation** to make changes
  - Pollution and air quality, congestion, historical center to protect etc.
- Digitalization may help





# Current Actions in Helsinki

Active Research & Stakeholder Mapping



Funded by  
the European Union



## Meta-Analysis Driven Logistics Emission Solutions through Stakeholder Collaboration

### Project Goals

- Identify **effective and scalable practices** to reduce logistics-related emissions in Helsinki
- Strengthen **stakeholder network** and foster long-term cooperation
- **Motivate joint action** & propose concrete measures

### Key Steps for 2025

Aug.	Stakeholder interaction plan
Sep.	Two theses identifying best practices in Europe & Finland
Oct.	Planning for thematic stakeholder workshops <i>Discussions of identified measures, their potential impacts and applicability in Helsinki</i>

+ Identifying study trip destinations for 2026





# Preliminary Findings from Theses

- Interviews conducted to complement literature reviews
  - 12 interviews with European city representatives & 8 with Finnish stakeholders
- Results from both work emphasise **stakeholder cooperation** as a key measure towards emission free city logistics
- Technological advancements and their adoption require supportive **long-term** and **multi-level collaboration**
- With some of the efficient emission reduction measures, cities rely on national level initiatives, e.g. legislation
- In all actions, **predictability** and **early communication** is important to support actors in transition phases
- Stakeholders in Finland see the city's role as an **enabler** and an **example**; leading the way and motivating others

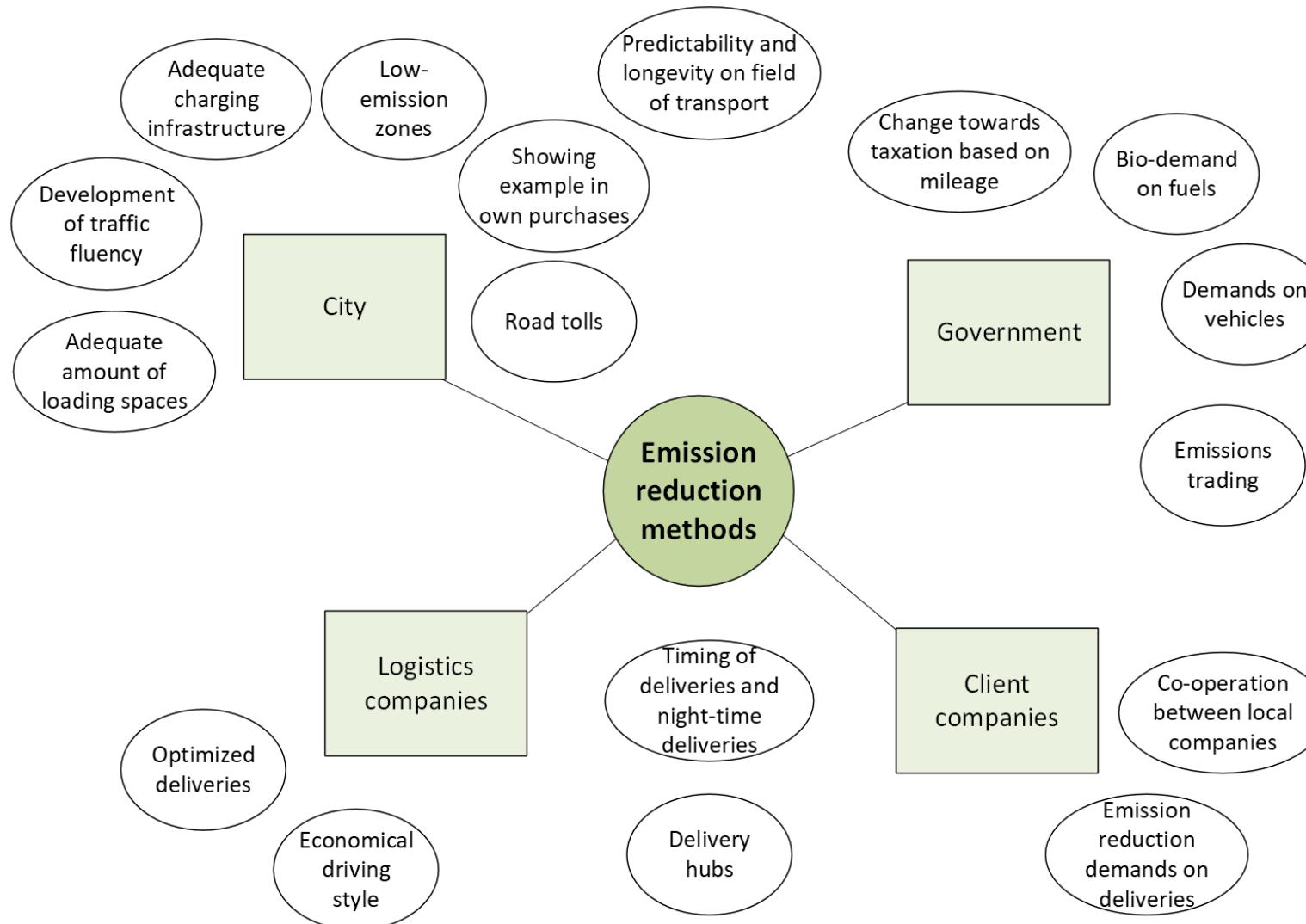
# Dilnaz Zhumabayeva: Best Practices and Means to Develop Zero Emission City Logistics



# Tuomas Lahtinen: Development of Emission Free Urban Logistics in Helsinki



## PRELIMINARY RESULTS





# Contact Us:



**Jaana Martikainen**

**City of Lahti**

[jaana.martikainen@lahti.fi](mailto:jaana.martikainen@lahti.fi)



**Kaisa Juntunen**

**City of Helsinki**

[kaisa.juntunen@hel.fi](mailto:kaisa.juntunen@hel.fi)



Funded by  
the European Union



# Agenda

---

13.00 Welcome to the webinar!

---

13.05 How is it going in Enabling City Transformation projects of City of Lahti and City of Helsinki that both seek solutions for more sustainable logistics?

---

13.20 Successful approach for sustainable urban logistics  
*Ingeborg Briseid Kraft, City of Bærum*

---

13.40 City Logistics Plan of Paris  
*Michèle-Angélique Nicol, City of Paris*

---

14.00 City of Amsterdam, City of Oslo and City of Gävle on their approaches to sustainable urban logistics  
*Christiaan Nord, Margrethe Lunder, Anna Klasson*

---

14.30 Break-out sessions for sharing and collecting questions

---

14.50 Sharing from breakouts in plenary and wrap-up





# Break-out sessions – 20 minutes

- Time to share ideas!
- Choose a break-out room 1-3
- Each room will have facilitators to guide the discussion and taking notes
- Each room will have the same questions





# Break-out sessions: Questions

- What has your city done for sustainable urban logistics?
- What kind of challenges have you identified?
- From your experience, what are the most impactful measures cities can implement to reduce CO2-emissions of urban logistics?
- What are the different roles cities can take in the transition?
- Who should be involved when preparing and implementing these measures?





# Break-out session facilitators:

- **Group 1**
  - Jaana Martikainen  
ZERO-TRAIL
  - Reetta Koskela  
MADLESS
  - City of Amsterdam
- **Group 2**
  - Kaisa Juntunen  
MADLESS
  - Niina Sallinen  
ZERO-TRAIL
  - City of Gävle
- **Group 3**
  - Salla Jäntti  
MADLESS
  - Tiia Tuomisto  
ZERO-TRAIL
  - City of Oslo





# Agenda

---

- 13.00 Welcome to the webinar!
- 13.05 How is it going in Enabling City Transformation projects of City of Lahti and City of Helsinki?
- 13.20 City of Baerum on their successful approach for sustainable urban logistics
- 13.40 City of Paris on the development of their City Logistics plan, challenges they faced and decisions they took
- 14.00 City of Amsterdam, City of Oslo and City of Gävle on their approach to sustainable urban logistics
- 14.30 Break-out sessions for sharing and collecting questions
- 14.50 Sharing from breakouts in plenary and wrap-up





# Break-out sessions: Findings

- What would your group like to highlight from the conversation?



Funded by  
the European Union



# Thank You for participating!



Funded by  
the European Union