Enabling City Transformation

Towards zero-emission urban transport and logistics

LAHTI, FINLAND

Emissions domains adressed by the ECT activity

All vehicles & transport (mobile energy)

Key Terms

SULP | Heavy Transport | Charging Infrastructure | Logistics Electrification | Policy Innovation

Levers of Change

Data and Digitalisation | Democracy and participation | Financing and funding | Governance and policy | Learning and capabilities | Procurement | Social innovation | Technology/infrastructure

Context & Challenges

Lahti is addressing its biggest climate challenge—road transport emissions—by developing a Sustainable Urban Logistics Plan through co-design with the logistics sector. With 42% of road transport emissions stemming from heavy vehicles, the city is advancing electrification by identifying charging infrastructure needs and piloting new business models. By combining policy innovation, data analysis, and stakeholder engagement, Lahti is laying the groundwork for a smooth, fair transition to zero-emission logistics and building scalable tools for other cities to follow.

Objectives

- Co-develop a Sustainable Urban Logistics Plan (SULP)
- Enable investment in logistics charging infrastructure
- Promote business models for charging hubs
- Support policy change for low-emission logistics
- Disseminate lessons through a city guidebook

Activities & Innovations

- Stakeholder-driven SULP development
- Logistics data mapping and analysis
- Business model design for multimodal charging
- Policy assessment for low-emission logistics
- Guidebook for replicability in other cities

Expected Impact & Outcomes

- Roadmap for logistics electrification in Lahti
- Increased private investment in infrastructure
- Policy instruments supporting decarbonisation
- Scalable models for other municipalities

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