



Accélérateur
de la transformation
numérique



LIAISON: Showcases for H2020 LEAD
and Horizon Europe DISCO



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Institute for Technological Research, a private foundation operating public funding

Digital engineering

Data science, Computing, Optimization, Systems engineering, Safety, HMI

Application domains

Mobility and autonomous transport, Industry of the future, Defence and security, Environment and Sustainable development

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European projects



MAIA



National partners



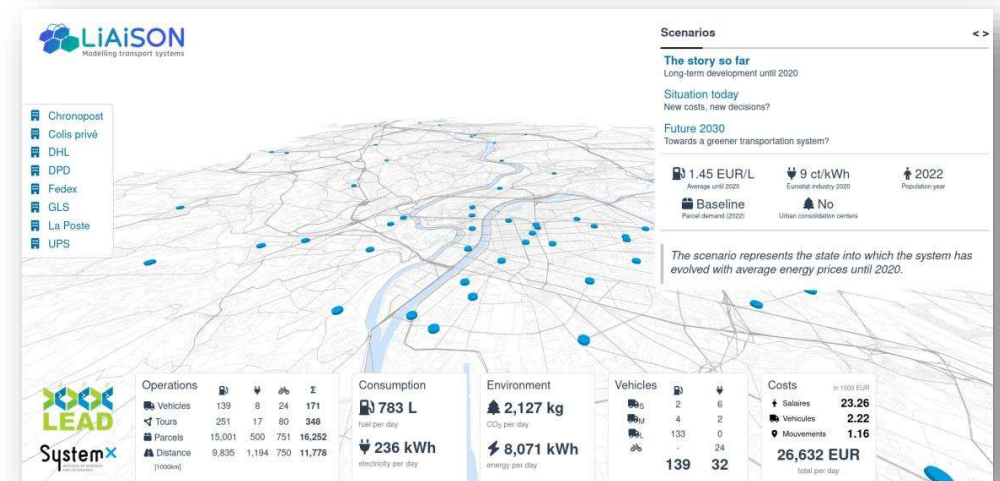
MOIA

The Lyon Digital Twin

- Modeling of **B2C parcel flows** in the city
- Making use of **open data** and published statistics

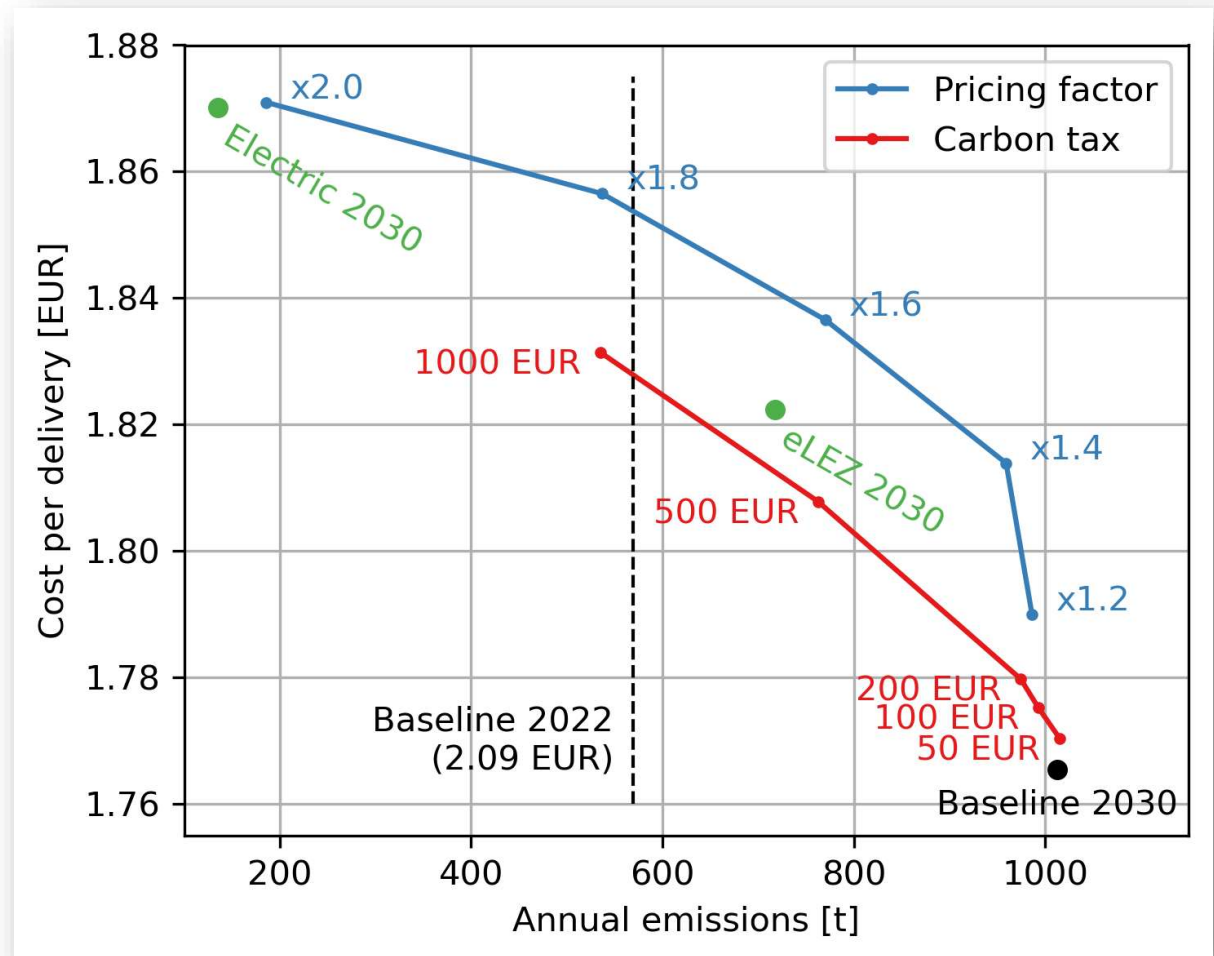
Technical goals

- **Replicable** modeling pipeline
- Increasing **accessibility** of results



Key results

- Transition from **2022** to **2030**
 - 2x parcel volumes
 - +60% CO₂eq emissions
- Mitigation pathways
 - Carbon tax on fuel
 - Pricing thermic vehicles
 - Vehicle restrictions
- Supporting local stakeholders to design new strategies: decarbonation, infrastructures, regulation...

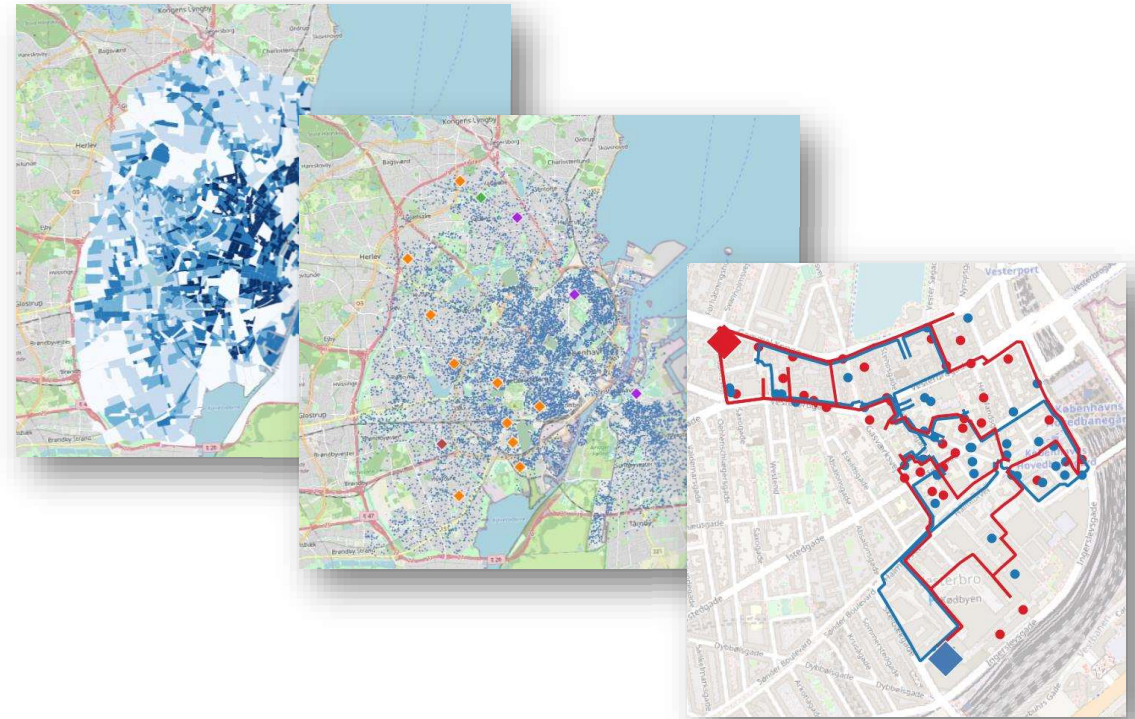


Horizon Europe DISCO

Support cities in undertaking the **digital transformation of urban logistics** and sustainable planning

Copenhagen Living Lab

- Development of a Digital Twin
- Definition of an updated SULP



CITY OF COPENHAGEN



The Capital Region
of Denmark



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Yann BRIAND

Sebastian HÖRL
sebastian.horl@irt-systemx.fr

Dimitra POLITAKI

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www.irt-systemx.fr



GRUPE RENAULT

