



XENSE

# Percept traffic analytics

**While we can't eliminate cars, we focus on making them move more efficiently, contributing to a cleaner and greener future.**

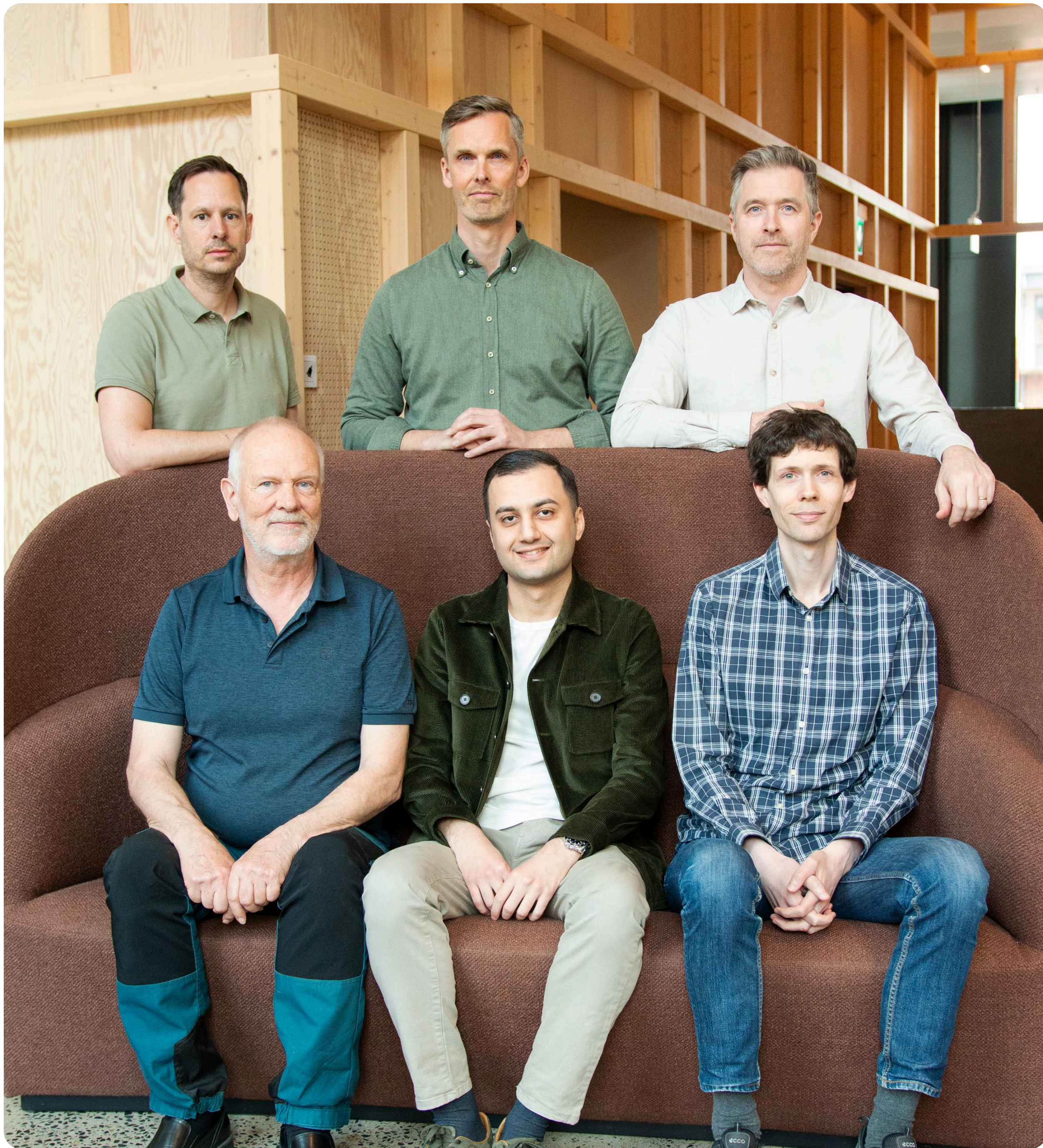
**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**11** SUSTAINABLE CITIES  
AND COMMUNITIES







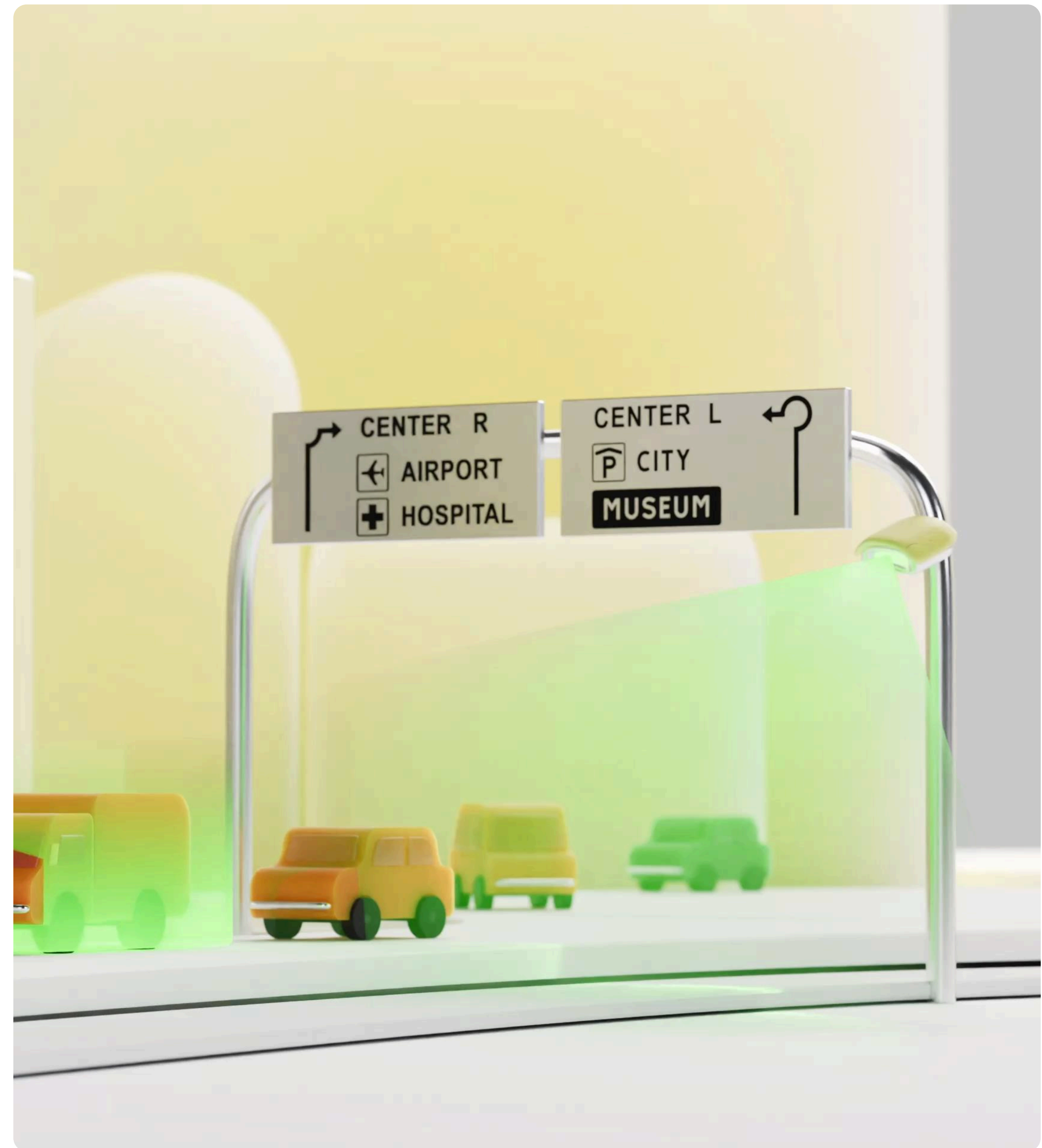
# Team

- Started in 2021
- Based in Jönköping, Sweden
- 6 Full-time employees
- All team members have a long background at Kapsch TrafficCom developing camera-based tolling sensors



# Percept - technology

- Camera-based 3D sensors providing rich, real-time traffic insights
- Comprehensive coverage of road users, including pedestrians and cyclists
- Continuous monitoring of movements and traffic-related events
- Automated recognition of vehicle class, license plate and potential violations
- Secure cloud platform for centralized data storage and multi-location traffic visualization
- Actionable insights through intuitive analytics and dashboards





# Percept - solutions



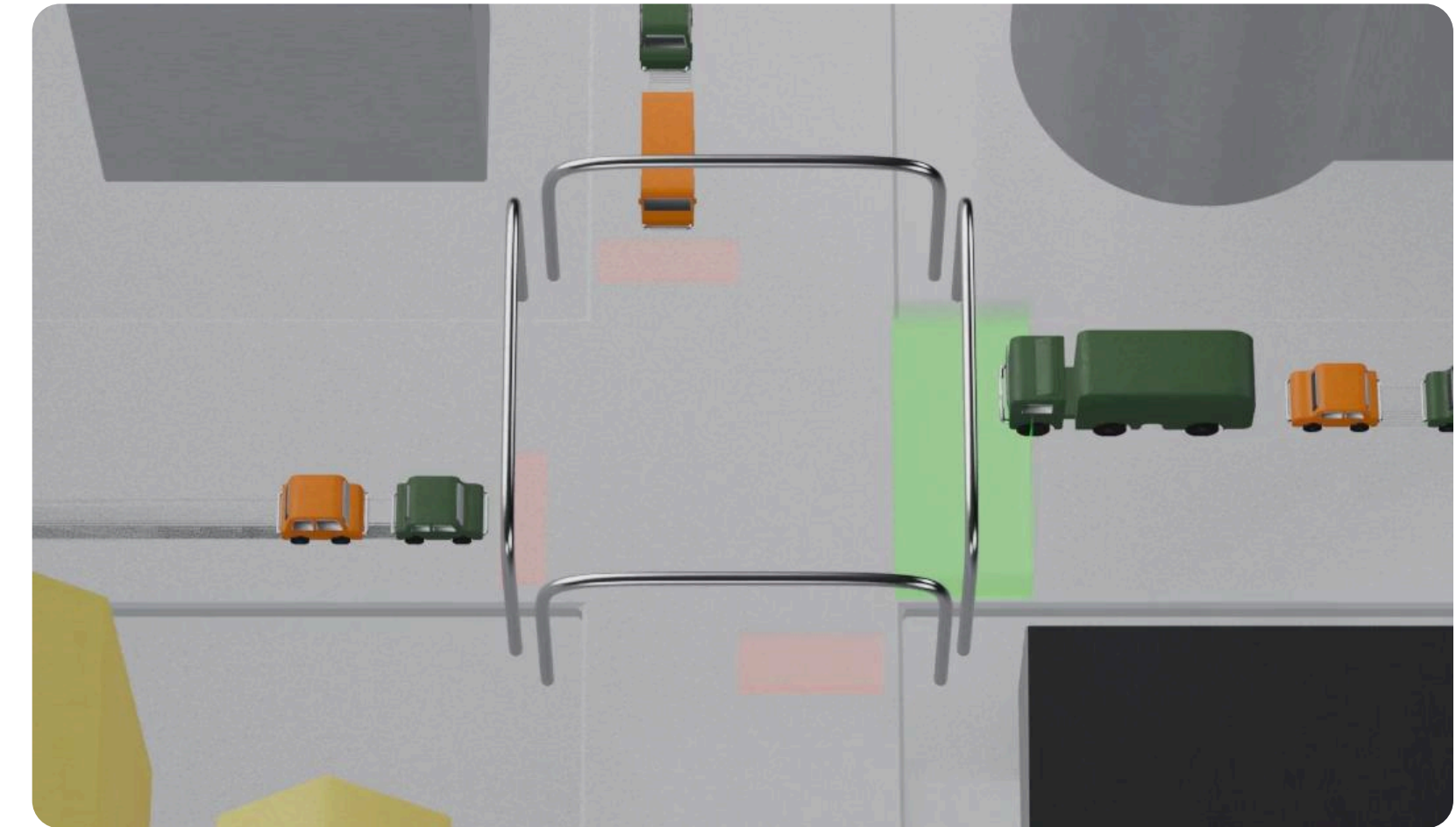
## Traffic analytics

Our traffic analytics service provides precise, real-time data on vehicle and pedestrian flow to support better decision-making for cities, planners, and developers.



## Traffic flow

Our traffic flow solution provides insights on route selection and travel time identifying bottle-necks and solutions to minimize them.

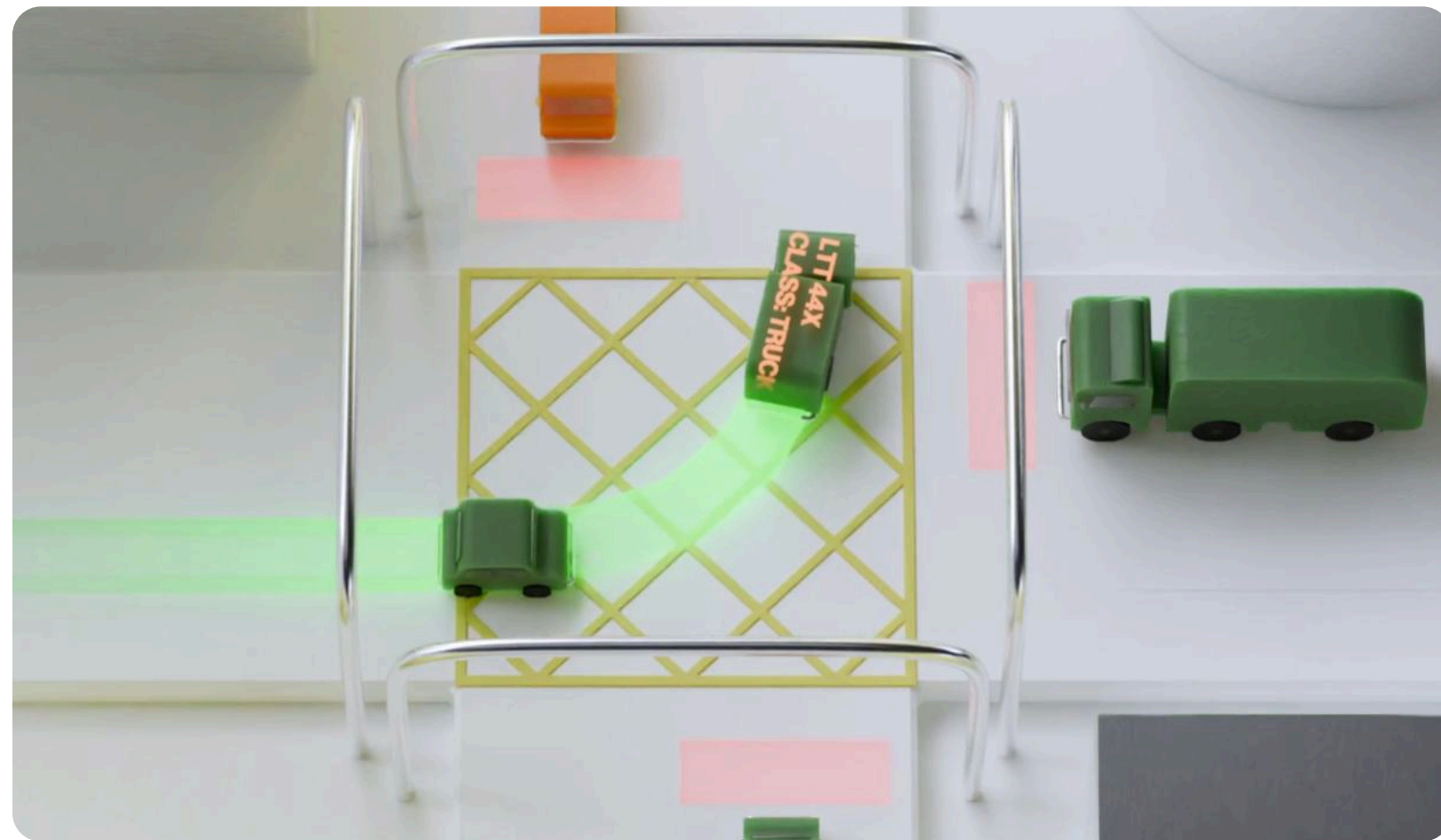


## Traffic Signal optimization

Our intelligent traffic signal optimization solution uses real-time camera data and advanced AI algorithms to reduce congestion, improve traffic flow, and enhance road safety.



# Percept - solutions



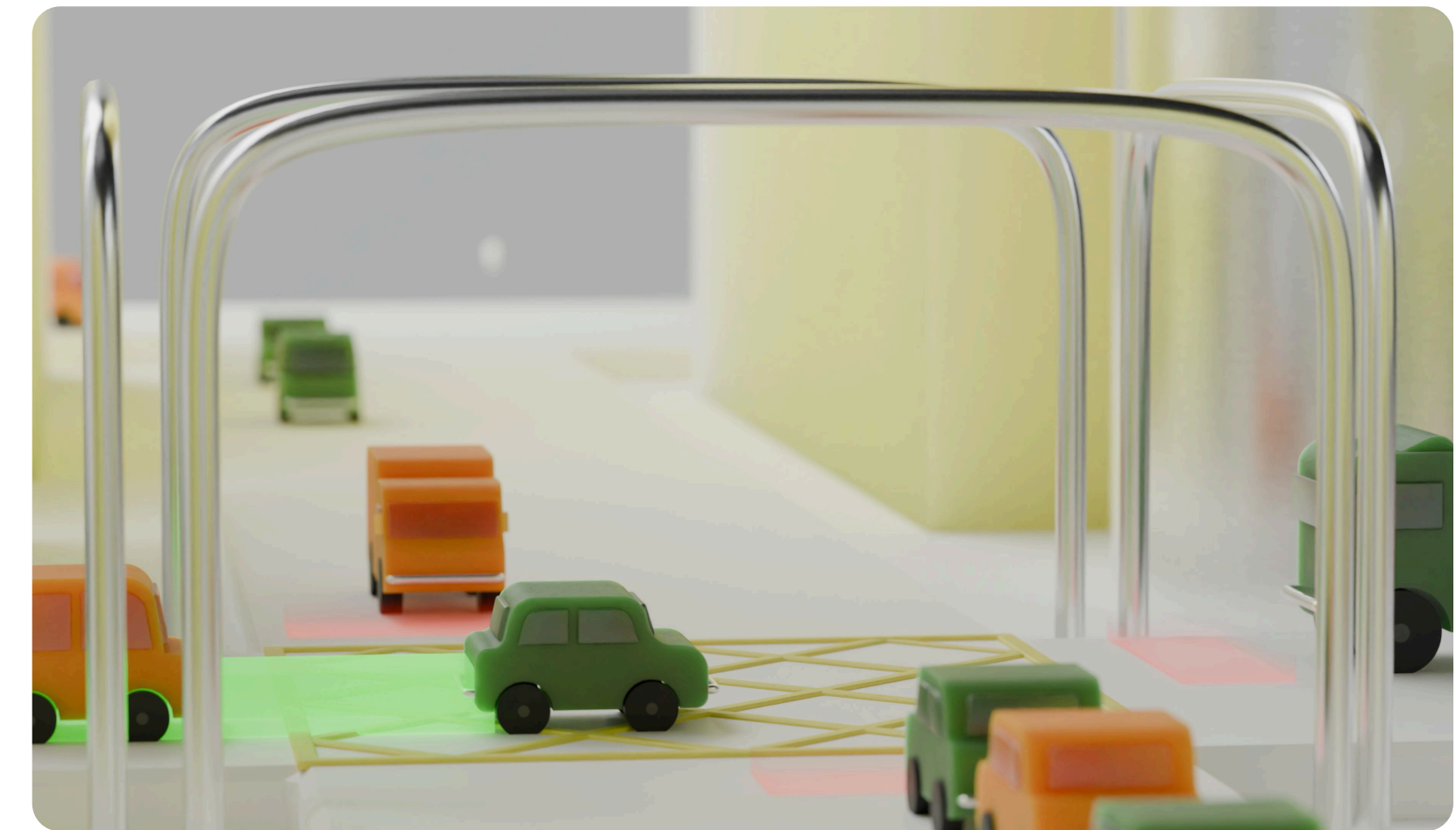
## Emission Zone

Our traffic emission service provides precise, real-time data on vehicle emission statistics to support better decision-making, enabling cleaner air and more sustainable urban environments.



## Enforcement

Our traffic enforcement solution enables real-time detection of seat belt violations, mobile phone usage, red light running, and illegal U-turns to improve road safety.



## Incident detection

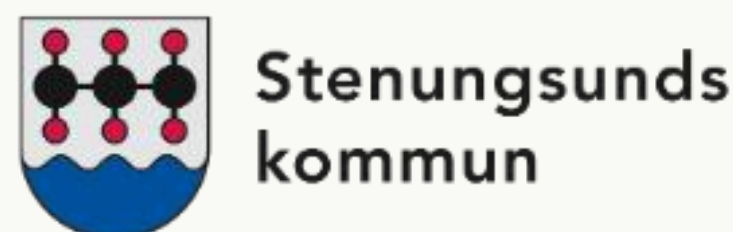
Our incident detection solution enables early detection of traffic incidents to minimize disruptions and enhance roadway safety.



# Installations



**Statens vegvesen**



**VARBERGS  
KOMMUN**



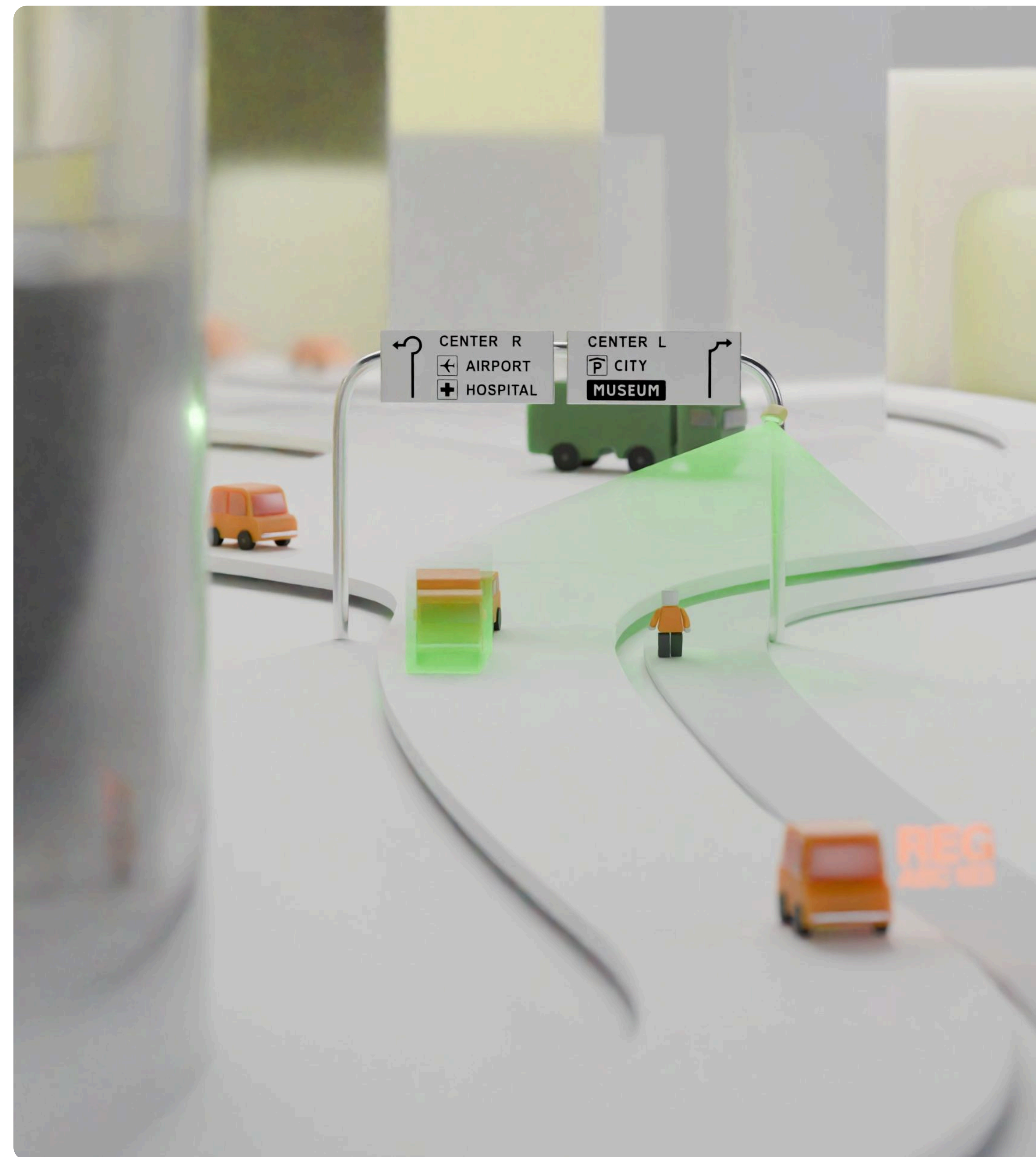
**KARLSTADS KOMMUN**



**ÖREBRO**



**HÖGANÄS  
KOMMUN**



# Partners



ERICSSON





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**XENSE**

**Contact**  
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