



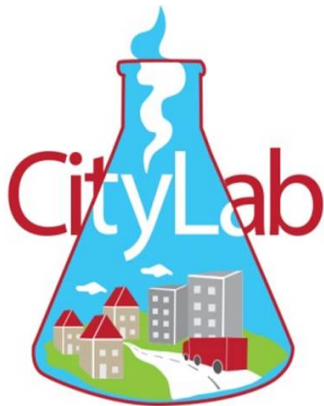
City of Oslo



CityLab - Workshop

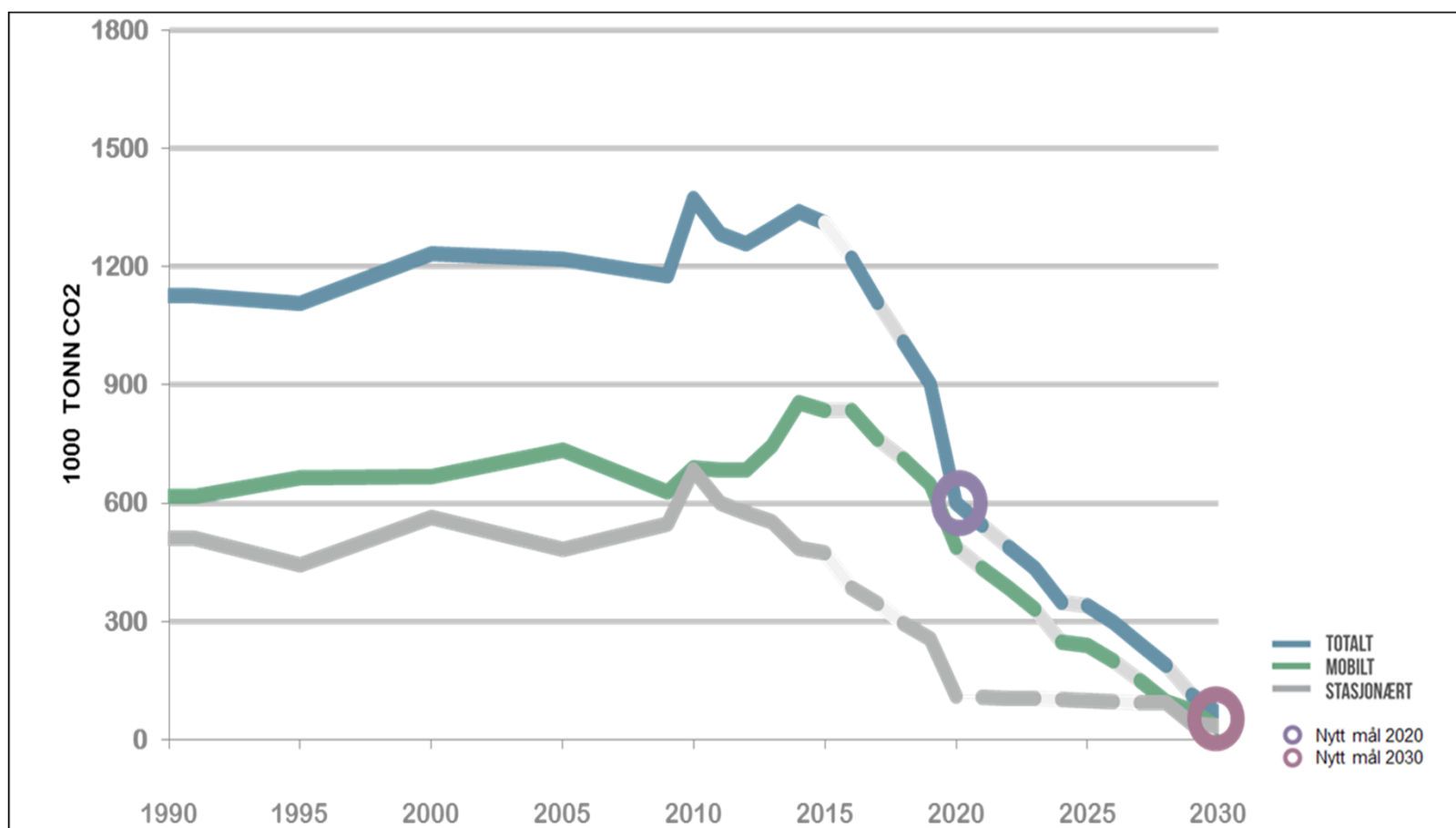
MALMØ - 07.06.2017

Helge Jensen, Chief engineer
City of Oslo – Agency for Urban Environment





The green change – fossil free 2030



City Logistics Action Points



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- Provide a city logistics plan for green and efficient distribution
- Introducing night deliveries for shopping centres and special street sections
- Shopping centres and hotels without proper loading areas – to provide
- Consolidation centres to be established in cooperation with new government campus
- Zero emission vehicles for last mile deliveries
- Craftsman and service vehicles to be authorized for missions within city centre
- Dynamic signage (electronic) for alternative use of street sections
- New, stricter, time limits for deliveries in pedestrian precincts
- Goods distribution with vans to be considered within city logistics – necessary reducing the volumes
- Provide a new planning process for goods distribution (based on DSP !)
- Data acquisition for freight – project to establish an much needed data platform
- Autonomous, self-running electrified robots



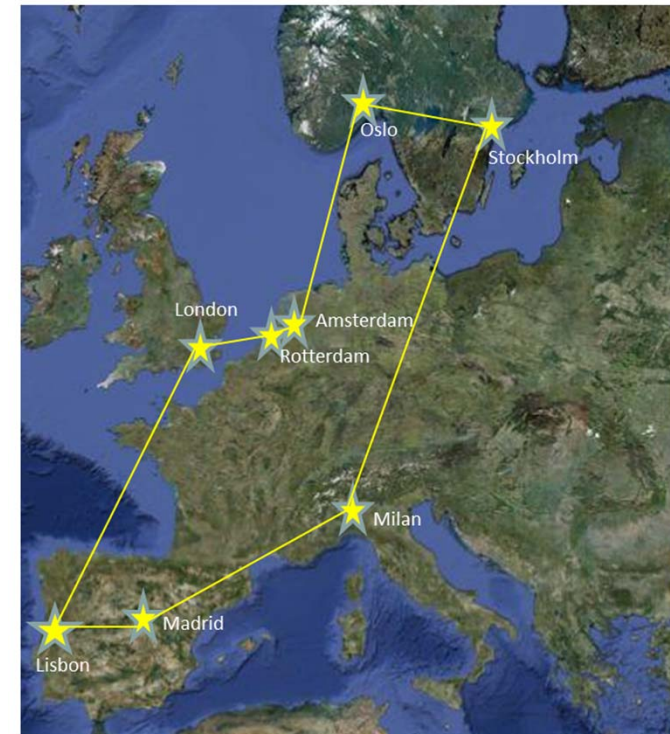


Micro terminal for e-bike deliveries - CBD



Focus on electric goods distribution

- EU FREVUE 2013 – 2017
Freight Electric Vehicles In Urban Europe.
- BRING testing EV in adverse weather
- City of Oslo is partner, establishing quick charges in several locations



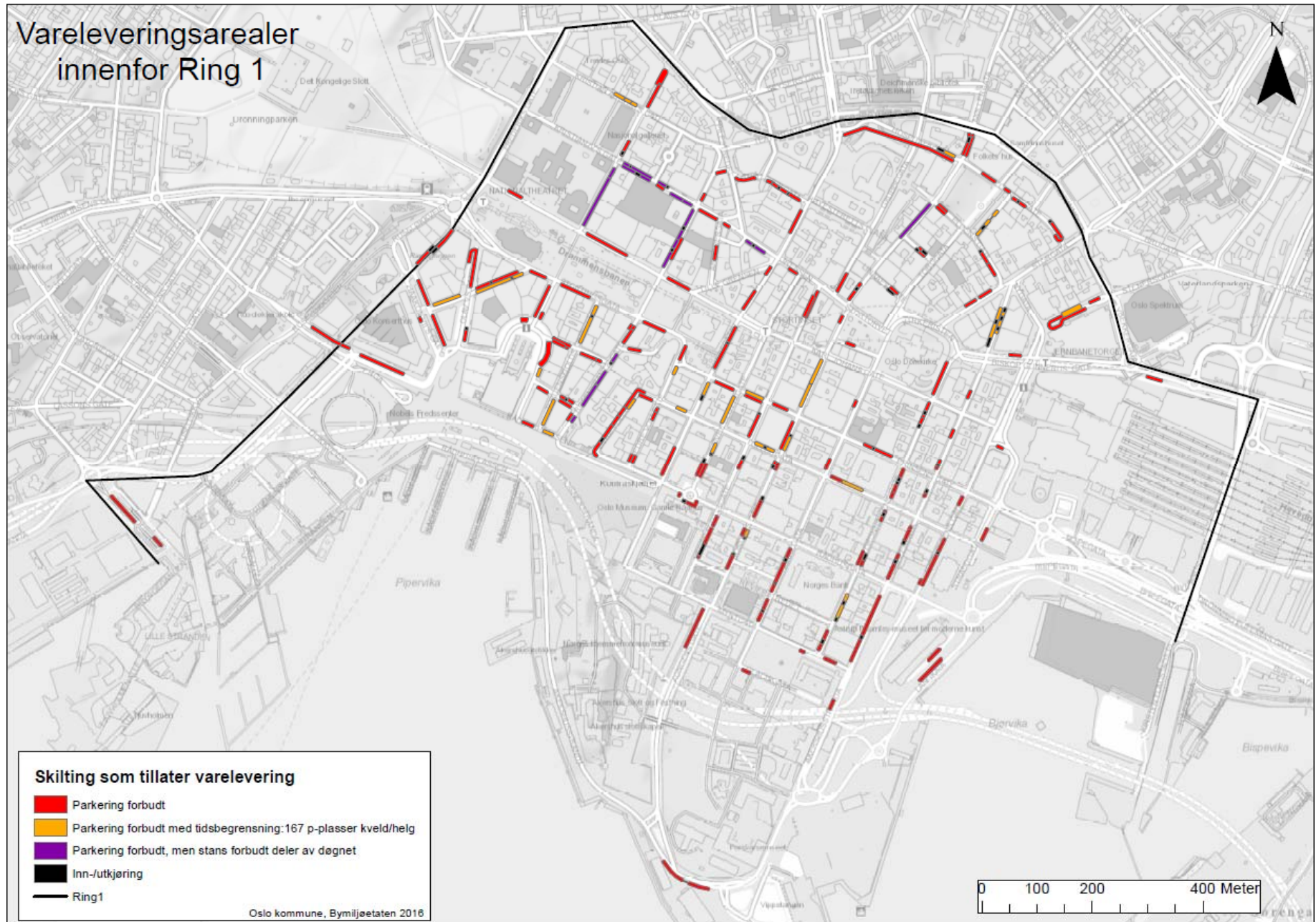
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SINTEF **FR**evue



Vareleveringsarealer innenfor Ring 1



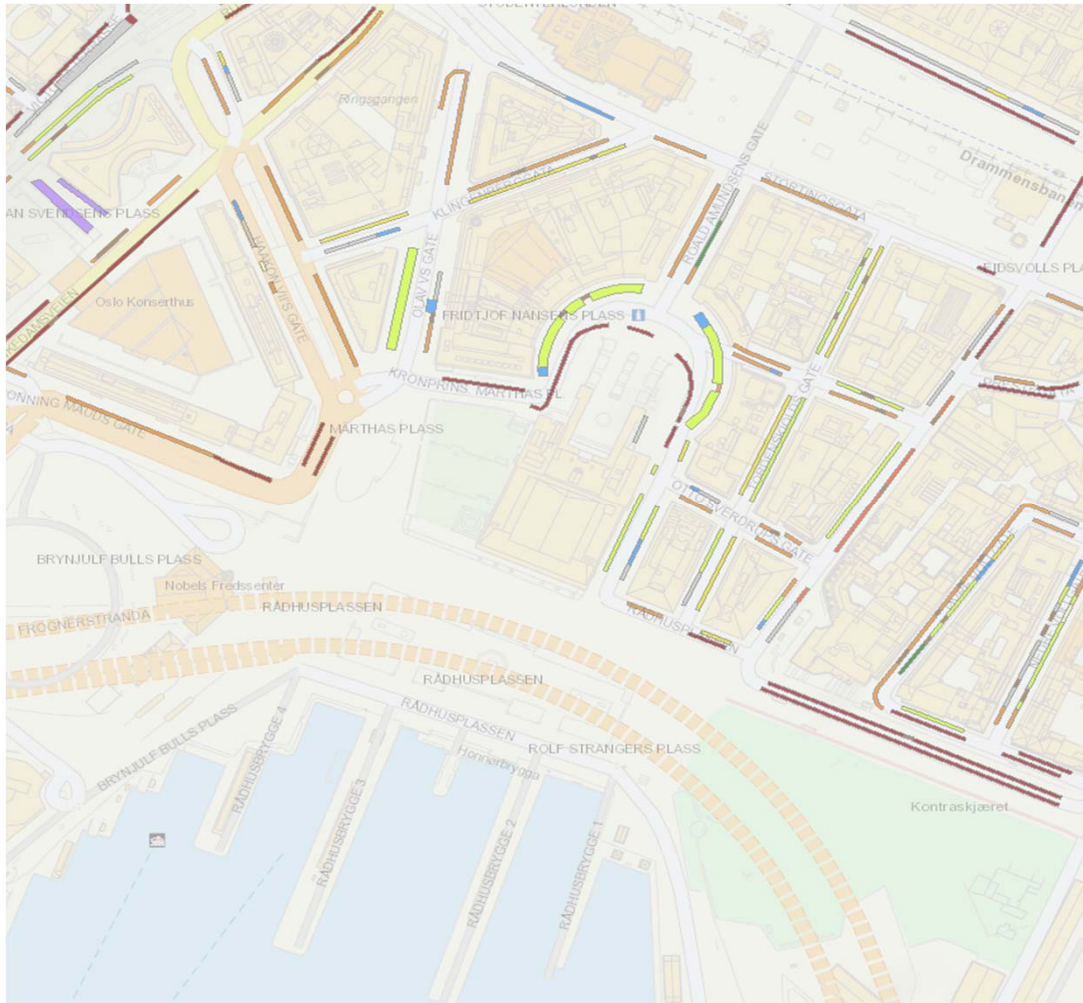
Digitalisation !



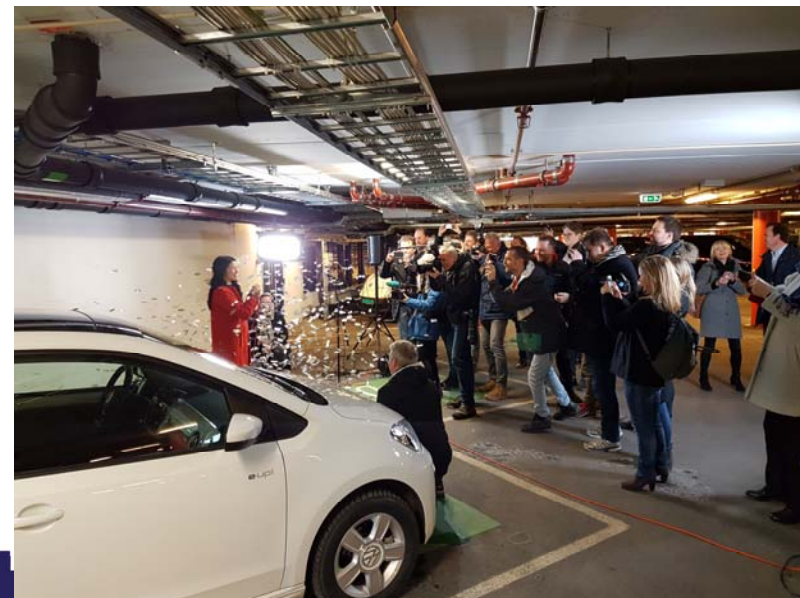
Digital mapping and sensors for distribution



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FREVUE and SEEV4-CITY EU PROJECTS





Nydalen

Furuset

Majorstuen

Hovinbyen

Skøyen

Oslo S

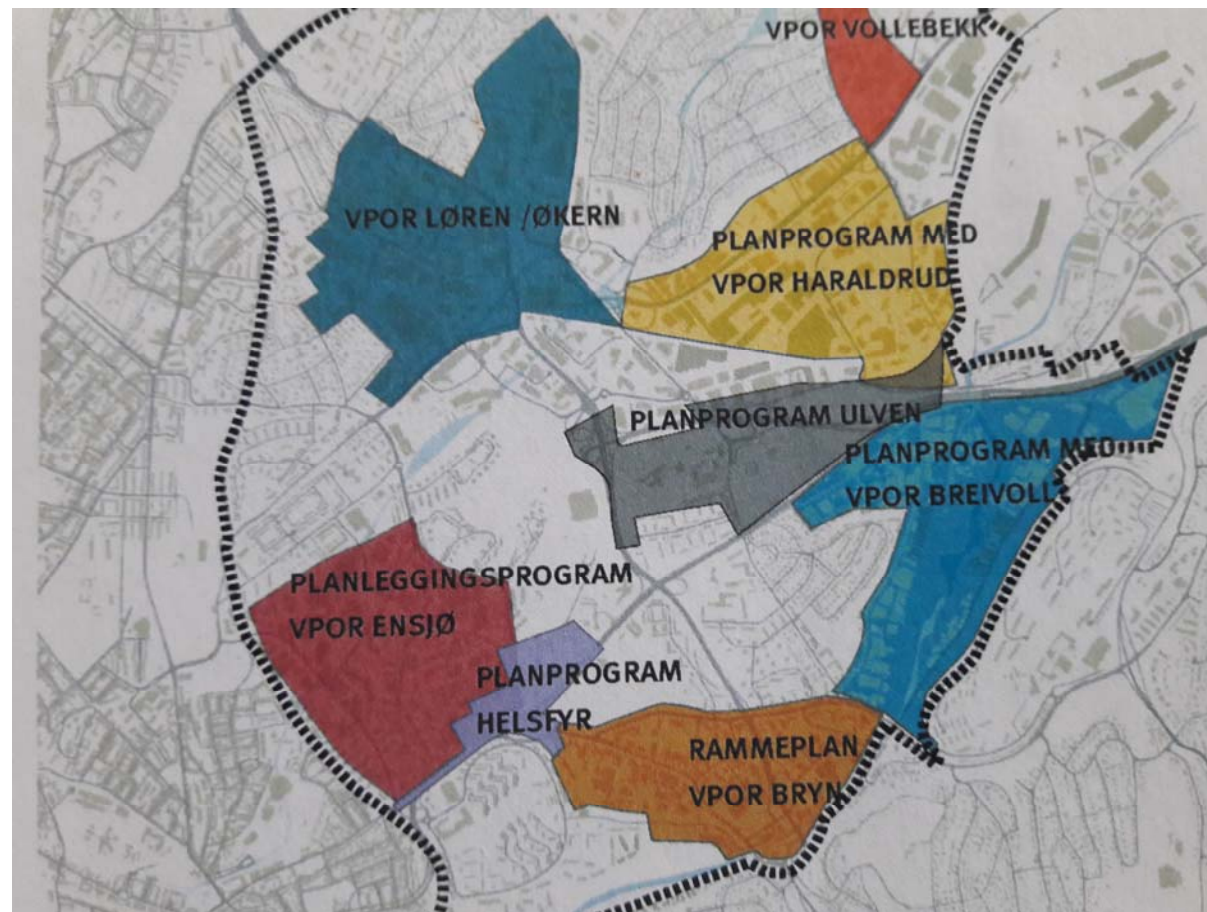
VPOR – Overall planning guidelines



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Local areas planning guidelines form a necessary holistic view :

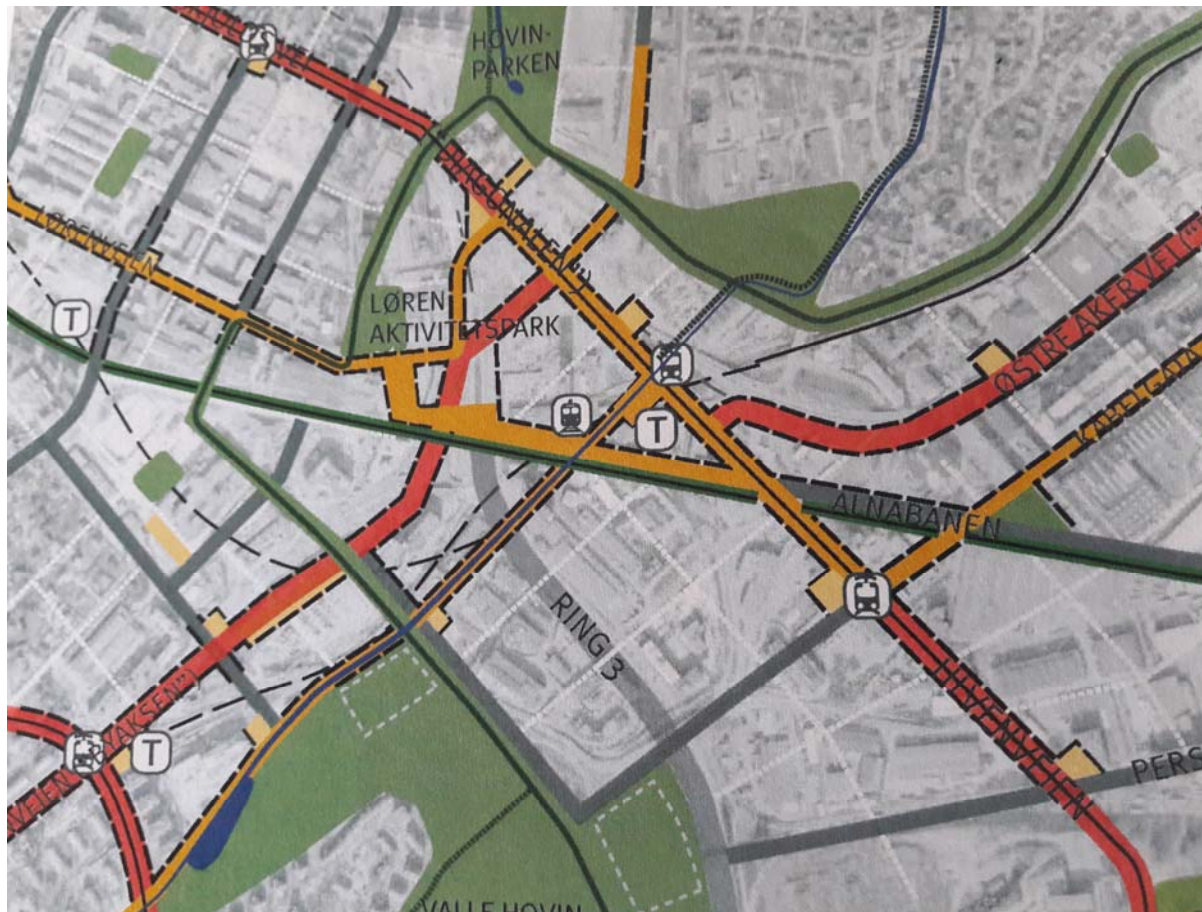
- 3 local areas influence the planning guidelines for «greater Økern»
- Need to develop a continuous city area; culture, commercial, recreation



Økern hub – not just the busy crossroads

Main infrastructure to be changed for city development purposes

- Reduce barriers – establish a city axis
- Rebuild roads to city streets
- Downgrade ringroad – more access to buildings for deliveries and services



Main planning horizon- Hovinbyen



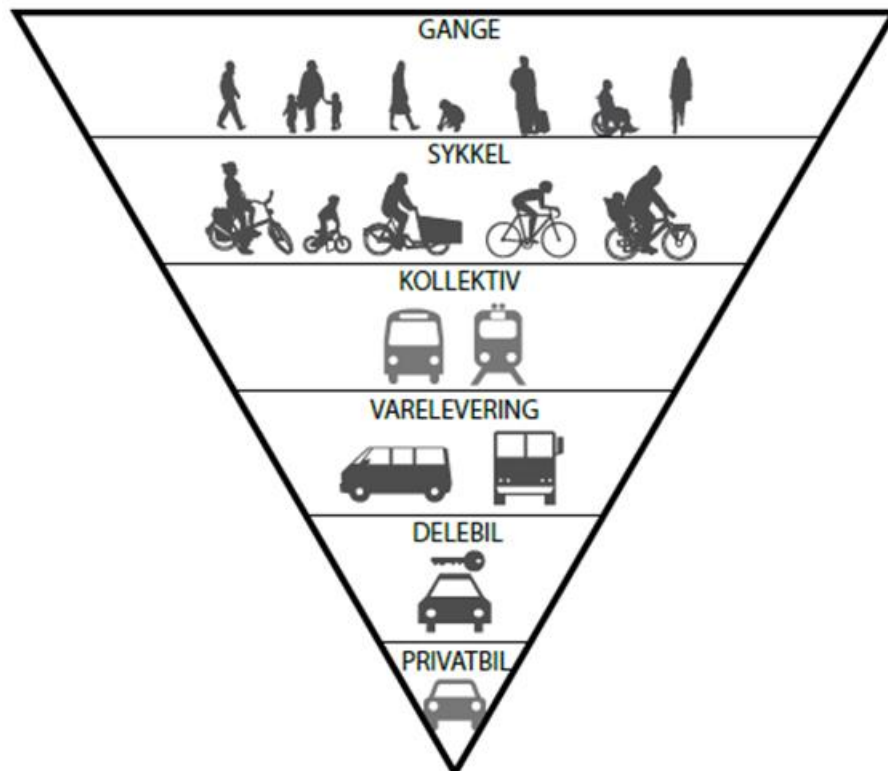
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Smart and green mobility



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- 10 minutes city
- Top- down. Walking first!
- Fine walking - and biking net
- Daily necessities within walking distance
- Green city distribution

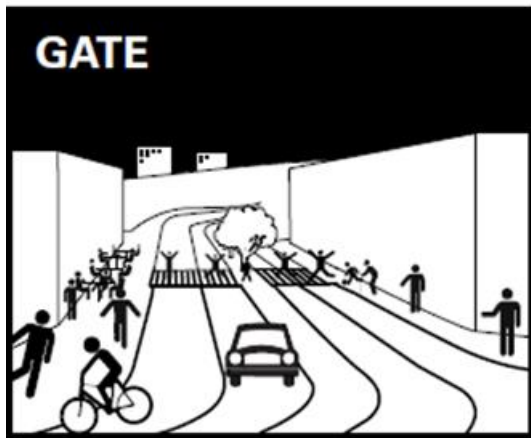
Planlagt prioritering og omfang av transportformer i Hovinbyen



From roads to streets !



- Street network customized for the «dense» city
- Soft modes prioritized
- Streets level crossing
- Min 50 % of street area for walking, city life and vegetation



A lively and smart city

Car-free city life



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Efficient goods distribution



Traffic management –
priority for bus and tram





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Thank you !!

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Klima- og energistrategien er lagt frem :

<http://www.miljo.oslo.kommune.no/>

