



MOVE21 Oslo Living Lab

Urban Consolidation terminal

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MOVE21 helps cities to transform into climate neutral and connected multimodal urban nodes for mobility and logistics



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1

LIVING LABS

- Oslo
- Gothenburg
- Hamburg

2

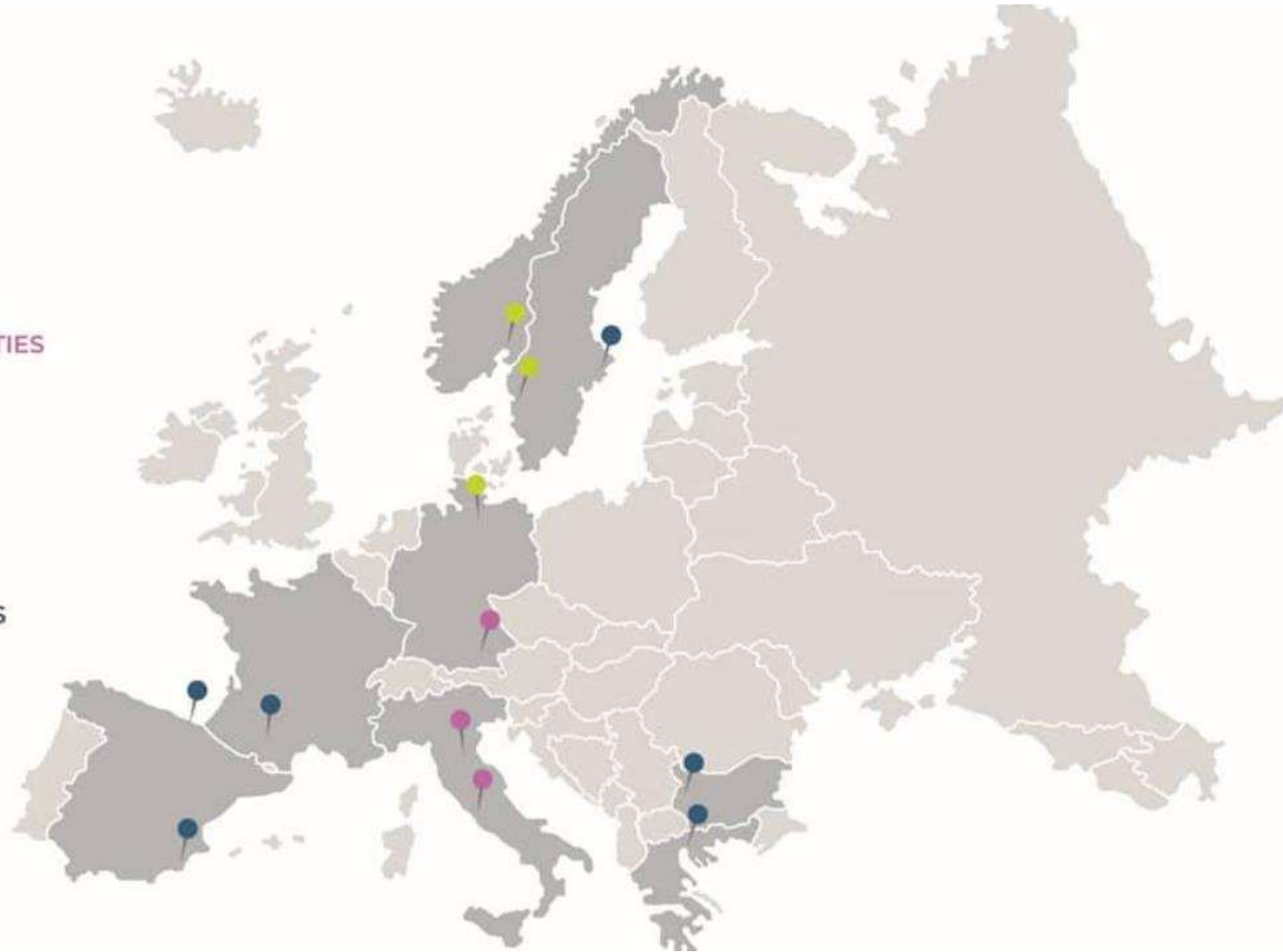
REPLICATOR CITIES

- Munich
- Rome
- Bologna

3

CASCADE CITIES

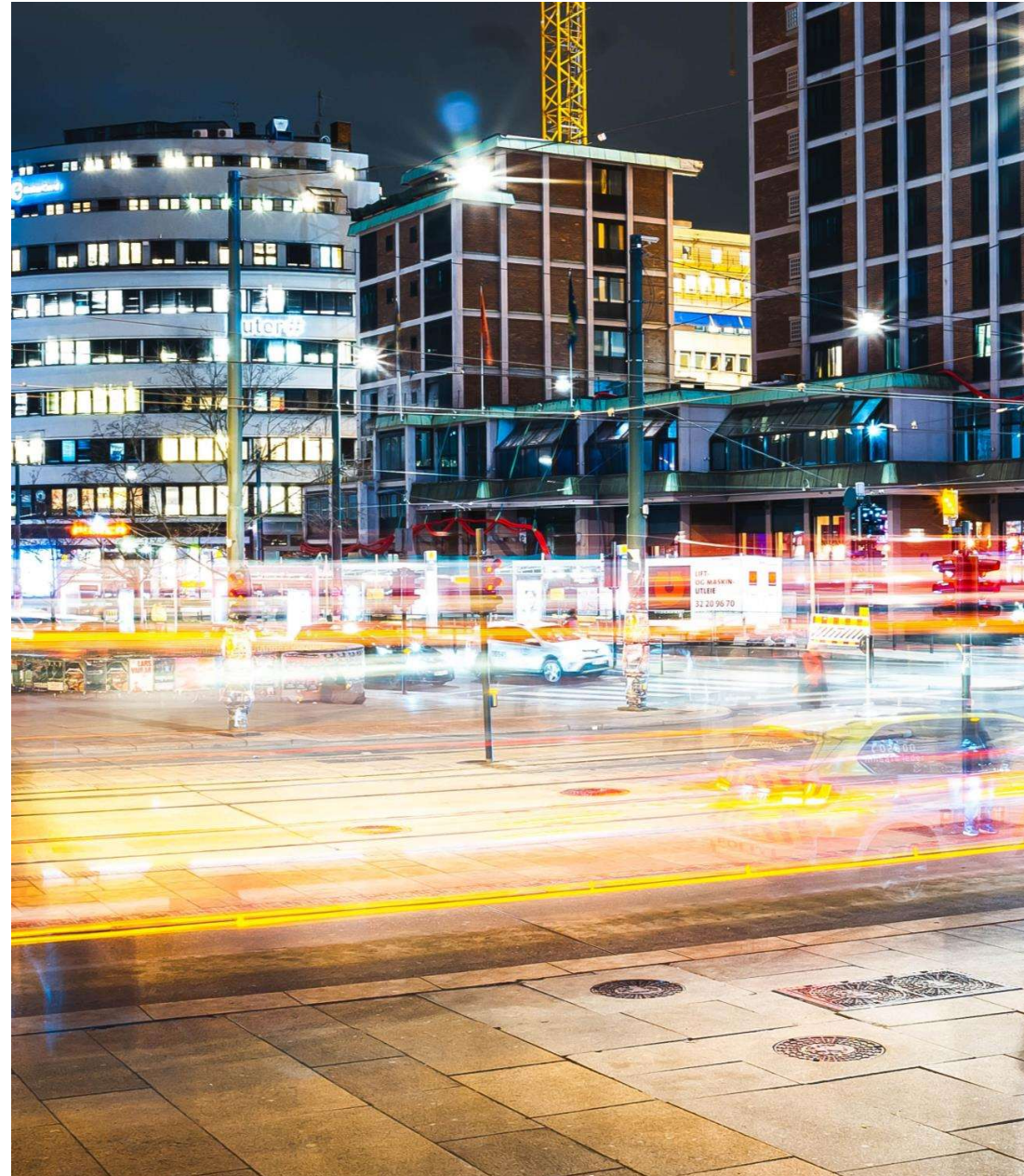
- Thessaloniki
- Toulouse
- Stockholm
- Bilbao
- Murcia
- Sofia

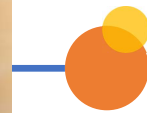


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Current situation

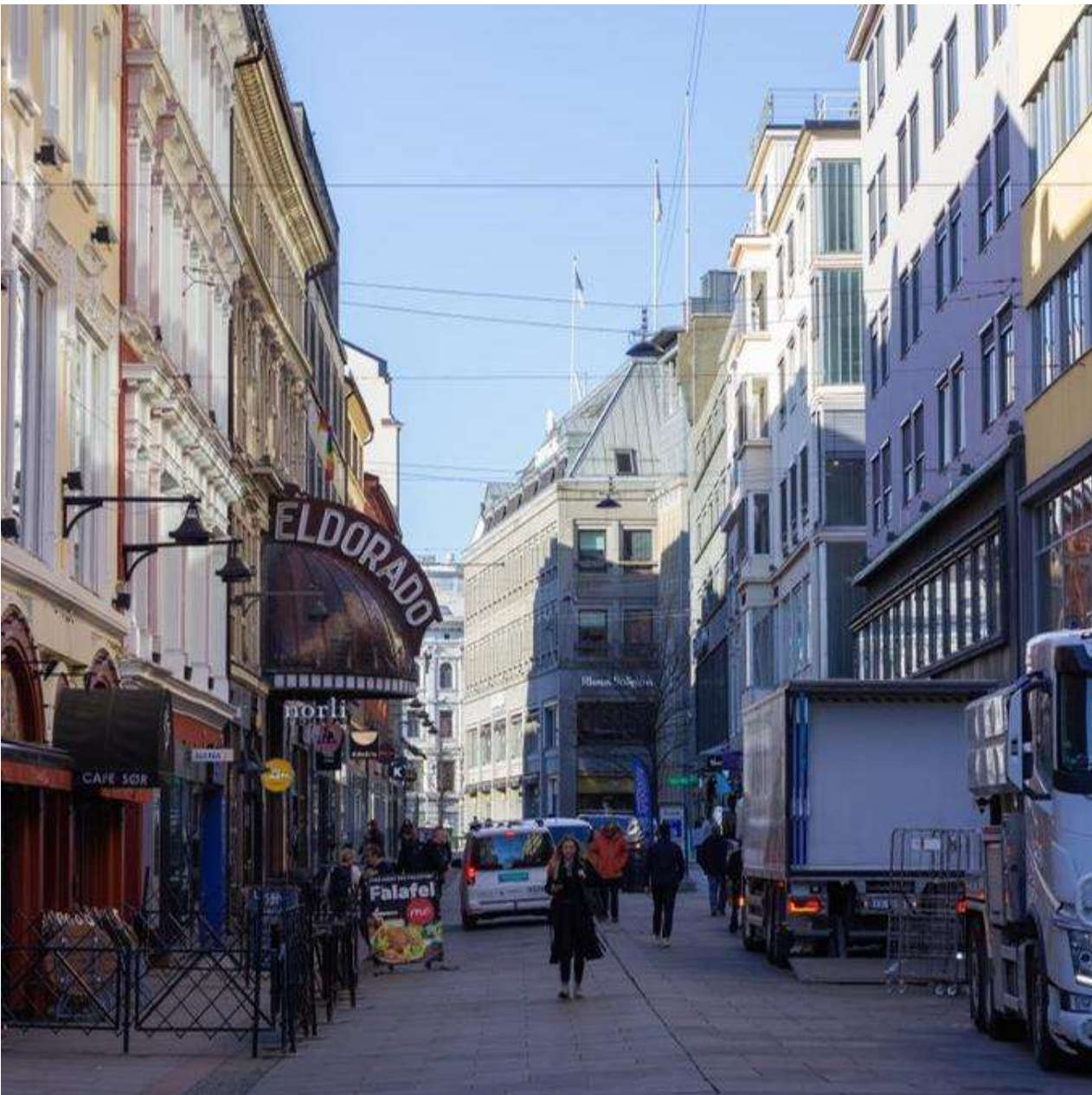
- We continue to order more and more goods
- The quantity of small package deliveries has increased by 800%
- Many uncoordinated actors, often with partially filled vehicles.
- Scarcity of space





Goals

- Reduce the emissions and traffic
- Optimize the utilization of existing space and infrastructure
- Enhance space for businesses and urban life activities

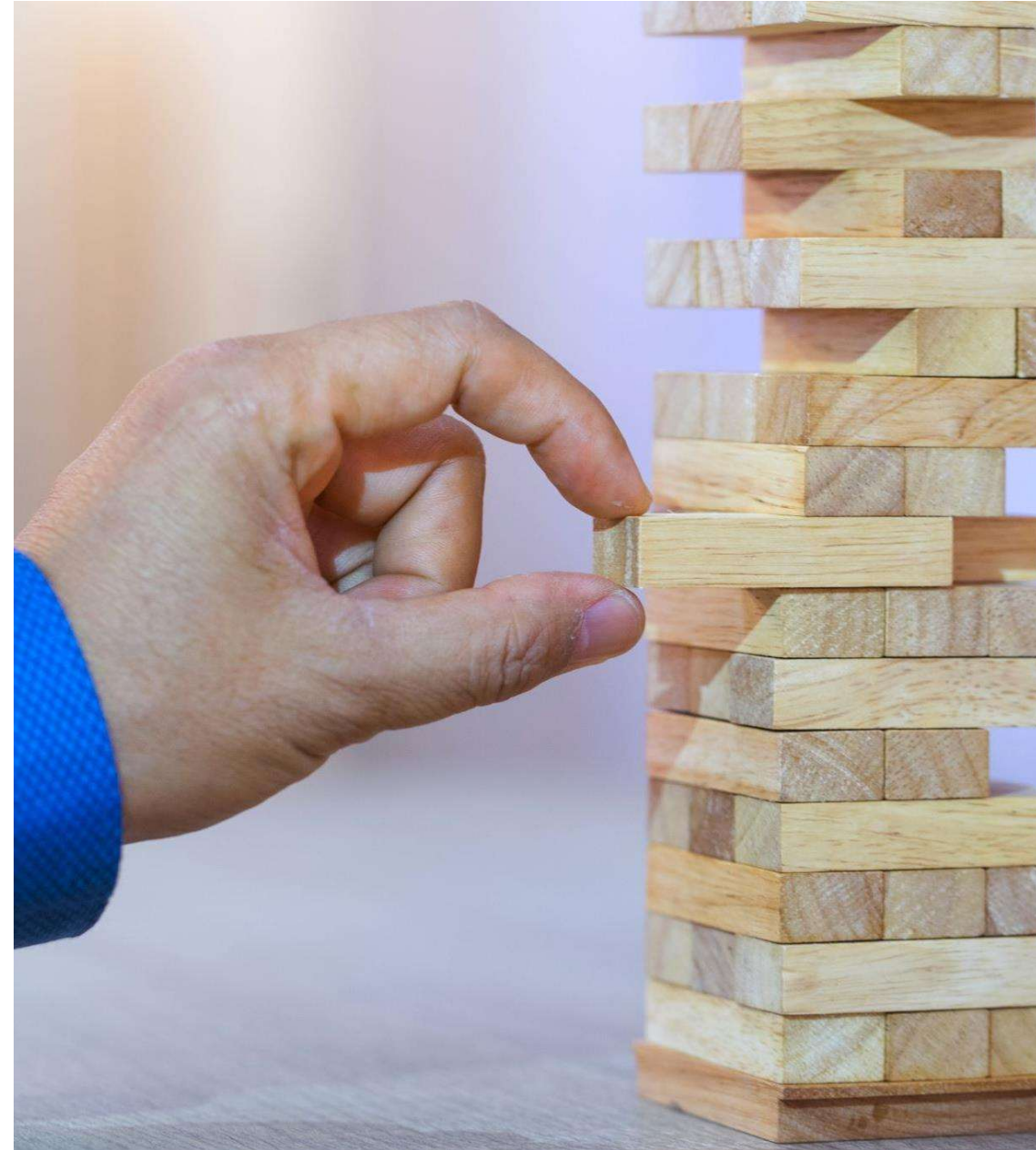


How?

- Increase delivery density through goods consolidation
- Increase vehicle load capacity

Biggest barriers

- Business model:
 - Viable business model without any subsidies (volume)
- Collaboration partners
 - Who should be co-owners of the terminal?
- Public private collaboration
 - What role should the government play in this type of solution?
- Urban space



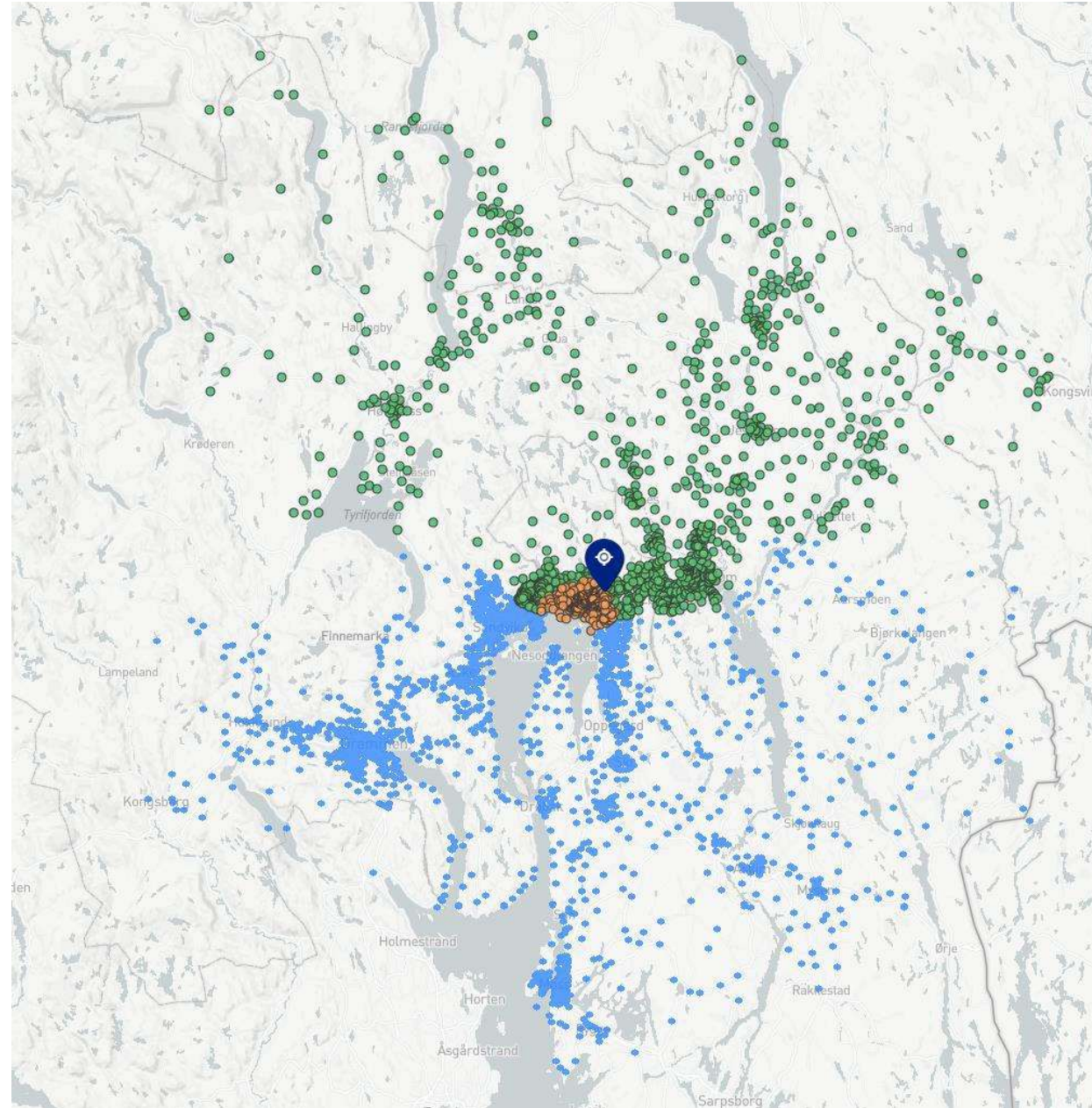


Urban space

- Necessary to change the way we think about space for logistics purposes.
- Space (re)allocation planning practices in densely built environments with focus on dynamic regulation for transport purposes
- Current regulations prevent us from testing

Right location?

- Lack of data at the district level
- How can we choose the right location when we lack data and knowledge on how goods move within the city
- The industry is critical of the municipality's handling of urban logistics "Without knowledge of the facts"



Thanks!

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