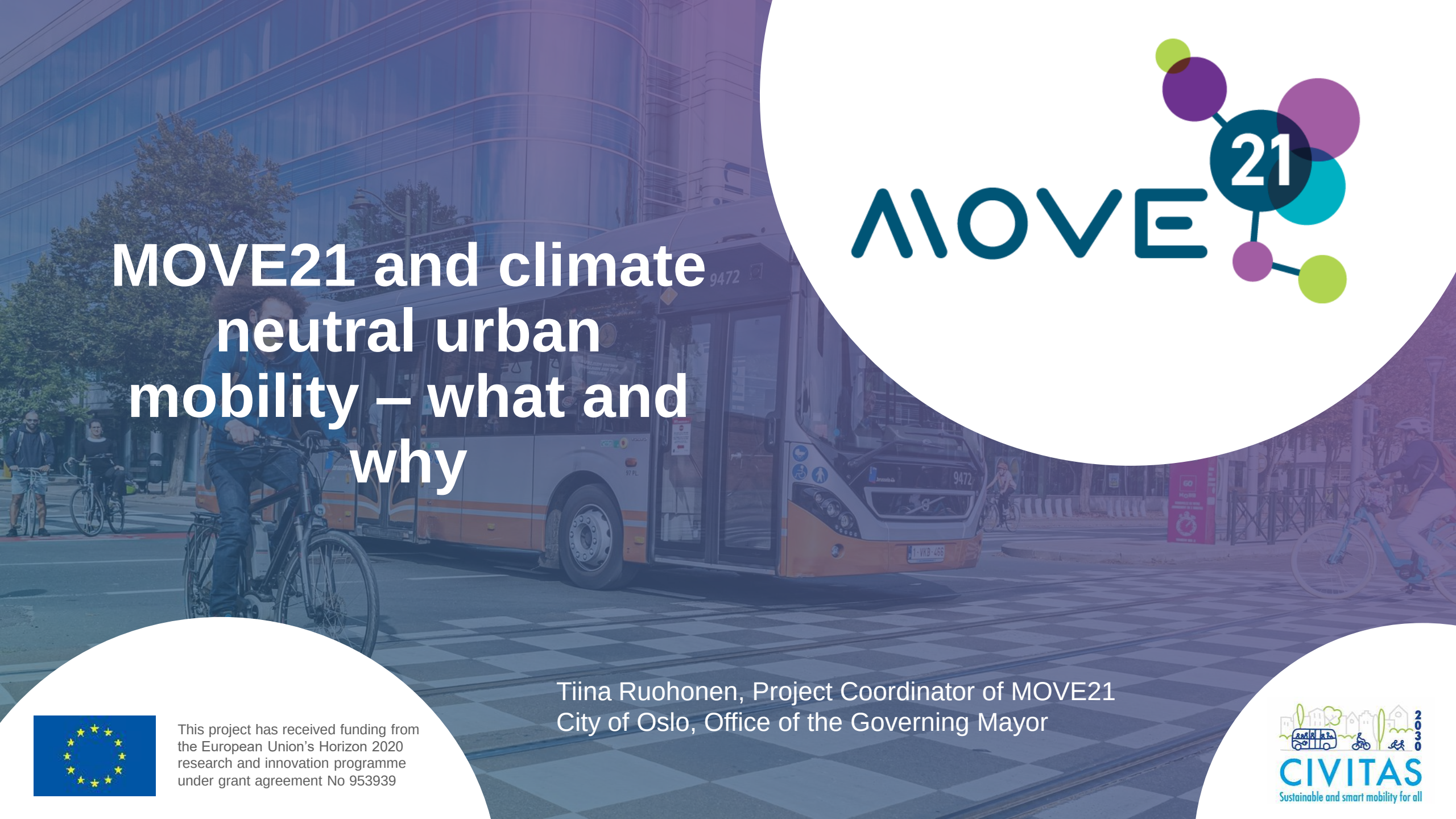

MOVE21 and climate neutral urban mobility – what and why

Tiina Ruohonen, Project Coordinator of MOVE21
City of Oslo, Office of the Governing Mayor

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 953939

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

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MOVE 21

1

LIVING LABS

- Oslo
- Gothenburg
- Hamburg

2

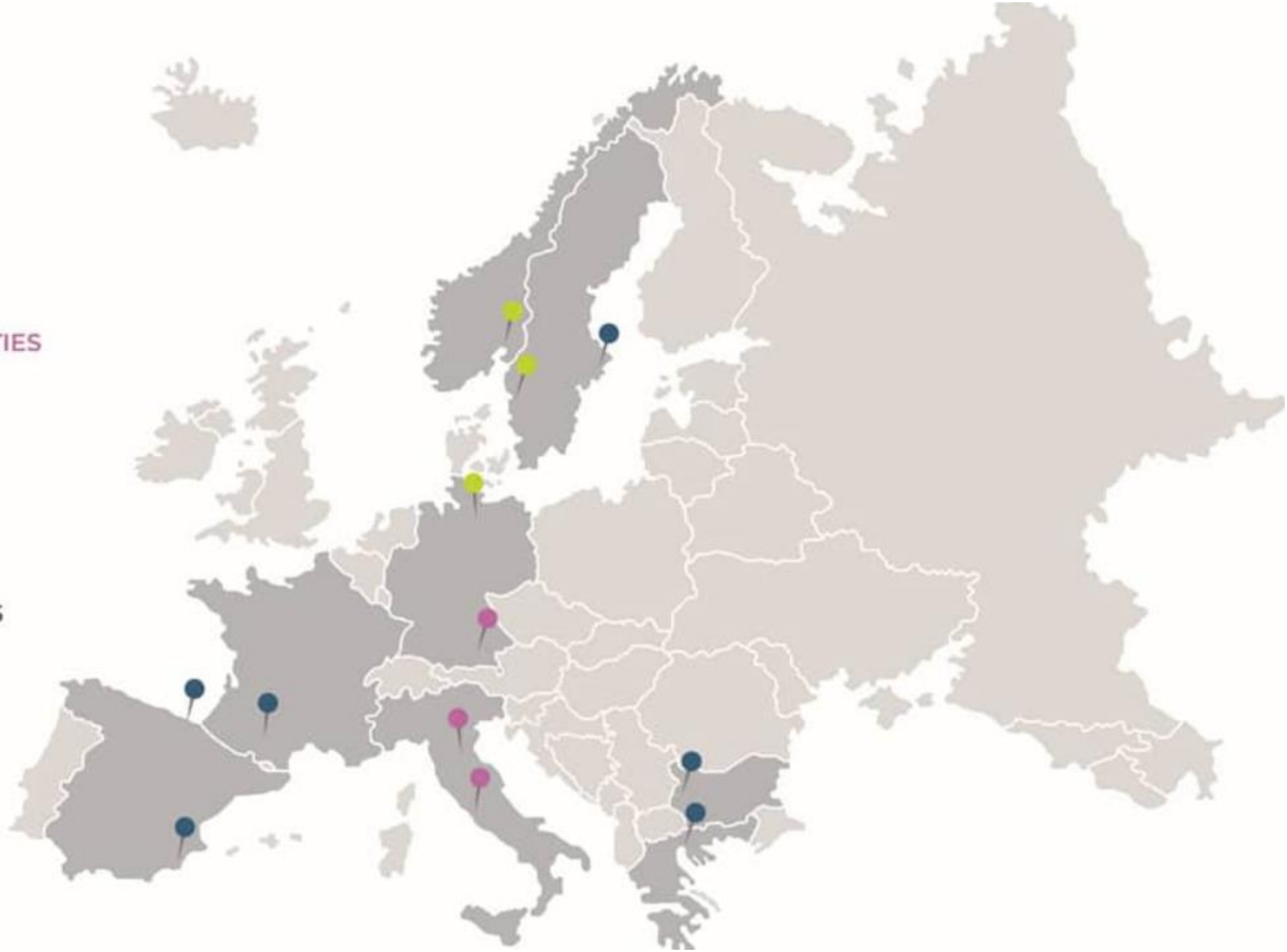
REPLICATOR CITIES

- Munich
- Rome
- Bologna

3

CASCADE CITIES

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



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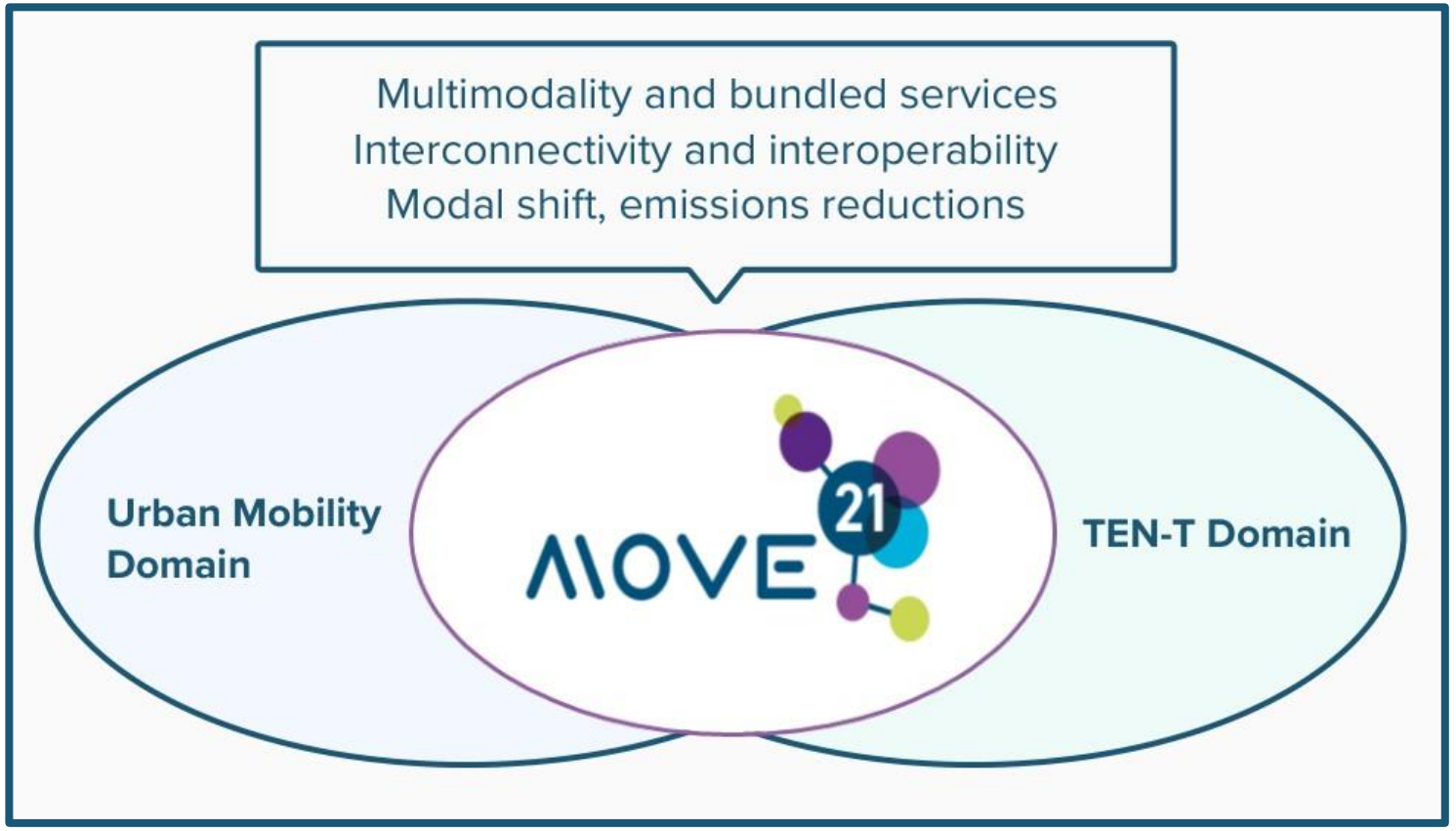
Integrated approach: people and goods

- **Deploy innovations**
  - Integrated transport services for passengers and freight in urban mobility and with connections to TEN-T, focus on interfaces
- **Foster capacities and appetite for innovation in urban nodes**
  - Leadership, organisation, knowledge management, networks and learning
- **Develop the Scan-Med Observatory**
  - Peer group and interface between the local and TEN-T levels with focus on governance collaboration



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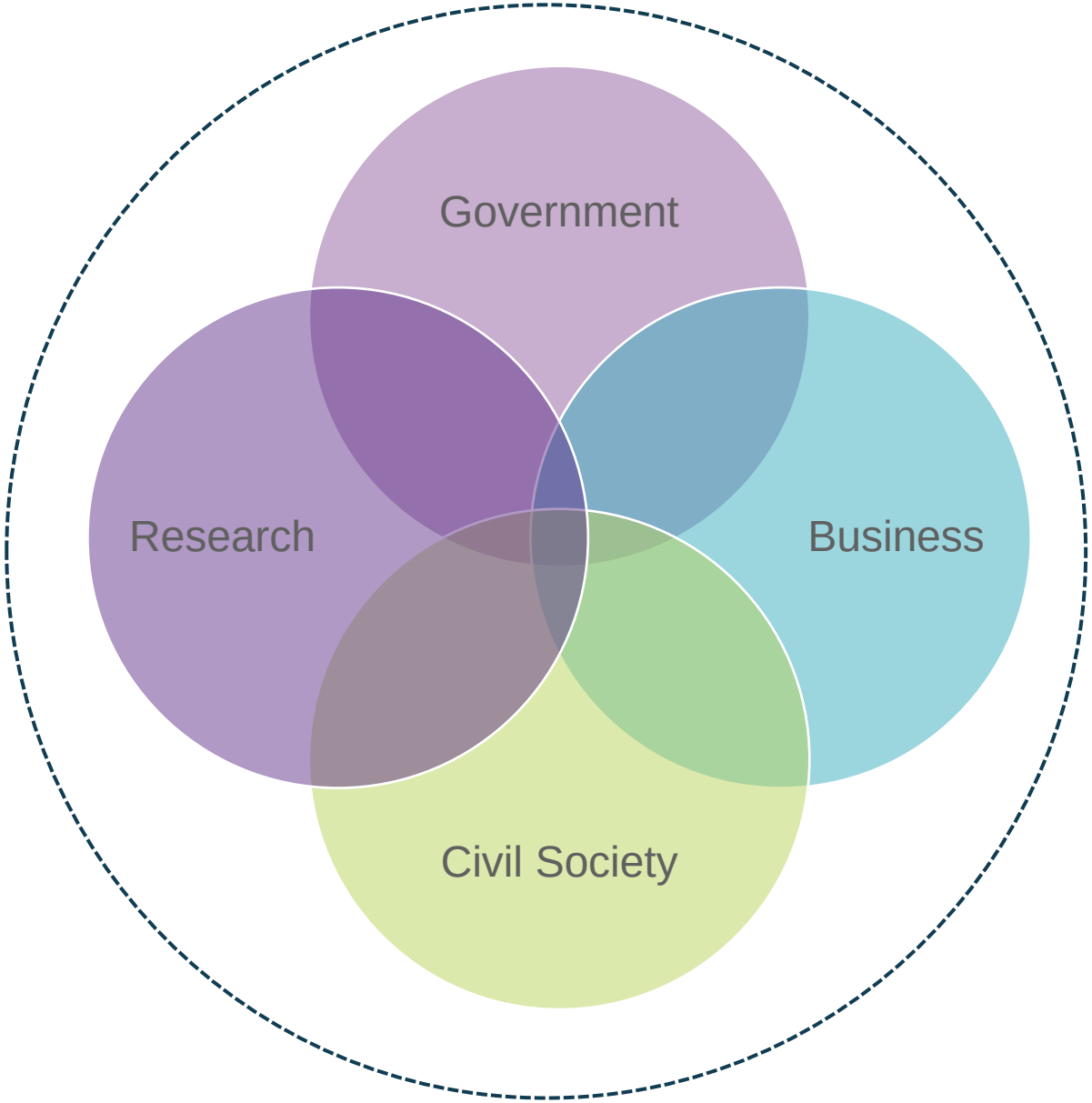

Living Labs as an open innovation methodology

- ✓Quadruple helix
- ✓Create and realise value together
- ✓Build common interests
- ✓Geared towards lasting partnerships
- ✓Can be resource-intensive
- ✓New way of working for most cities

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Networks of multimodal hubs, dynamic hubs, park and bike, multifunctional hubs, standards (All six cities)

Combined transport of people and goods, DRT for people and freight (Oslo, Hamburg)

Cargo-bikes and last mile deliveries, consolidation centres, cargo-waste co-freight (All six cities)

Application integrations – PT and micro mobility, park and bike (Oslo, Gothenburg)

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Best routes to upscaling high impact innovations?

Key results

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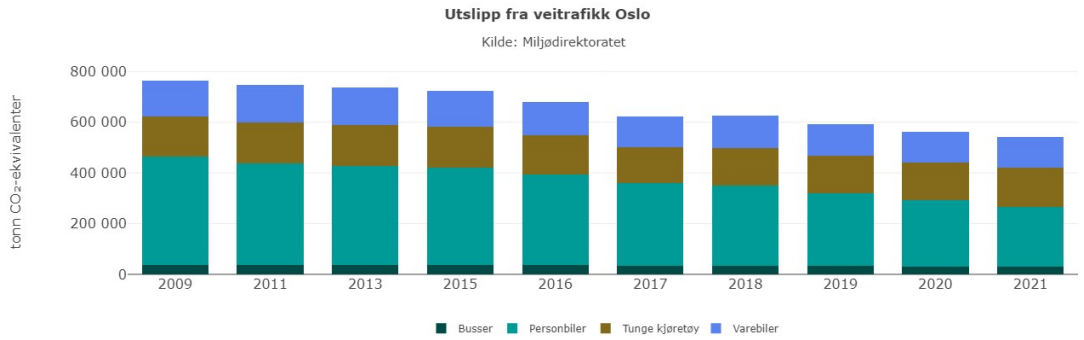
Half of Oslo's climate emissions from road transport + climate goals



Total in 2021: 541 976.2 tonne CO_2-eqv.

- 95% reduction of climate emissions 2003 (2009 baseline)
- Vehicle traffic reduction by one-third by 2030 compared to 2015
- All transport zero emission by 2030 (buses 2023, private cars 2028, taxis 2023, LDV 2028, HDV 2030)

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Thanks!

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CIVITAS 2030
Sustainable and smart mobility for all