



Shared Mobility Hubs Düsseldorf – places of future mobility

Session 12

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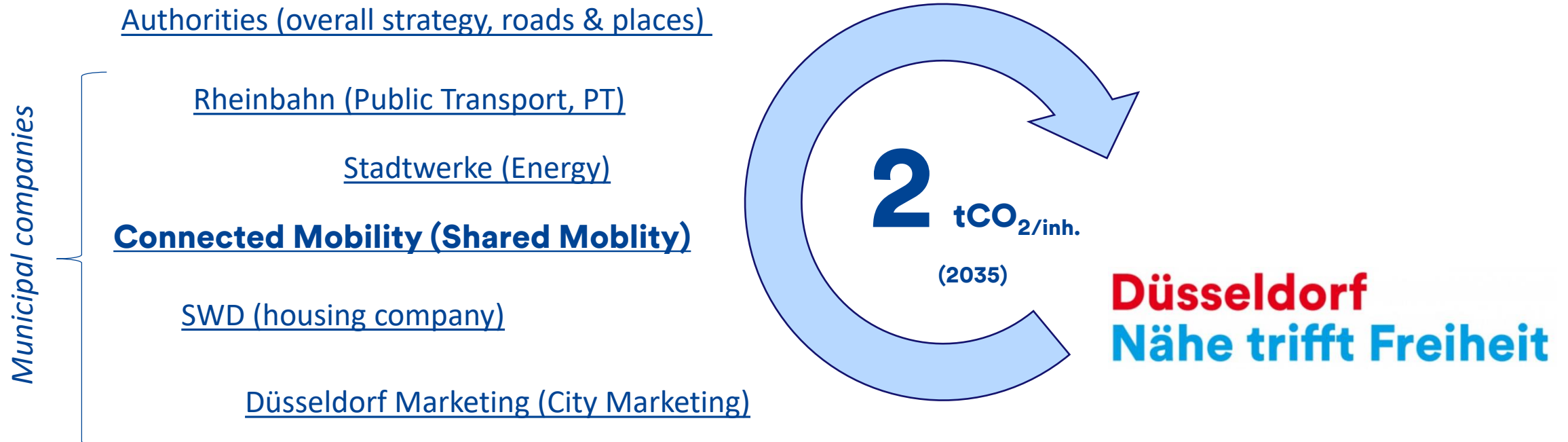


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Introduction to stakeholders in Düsseldorf

Co-creation of local authorities and municipal companies

- More cycling, PT, electro-mobility and shared mobility needed
- 6 key partners in charge of improving infrastructure and service



Introduction to Connected Mobility Düsseldorf GmbH

Overview Products



Mobility Stations



Cargobike Terminals



Safe Bike Parking



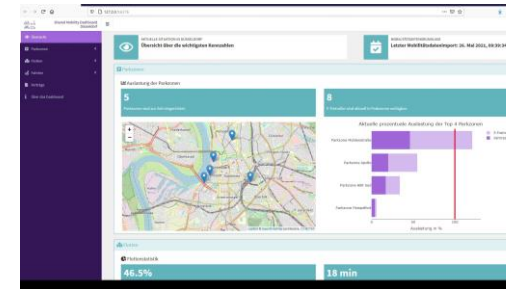
Safe Cargobike Parking



Car-Sharing Stations



Smart Parking (Offstreet)



Data and Dashboards



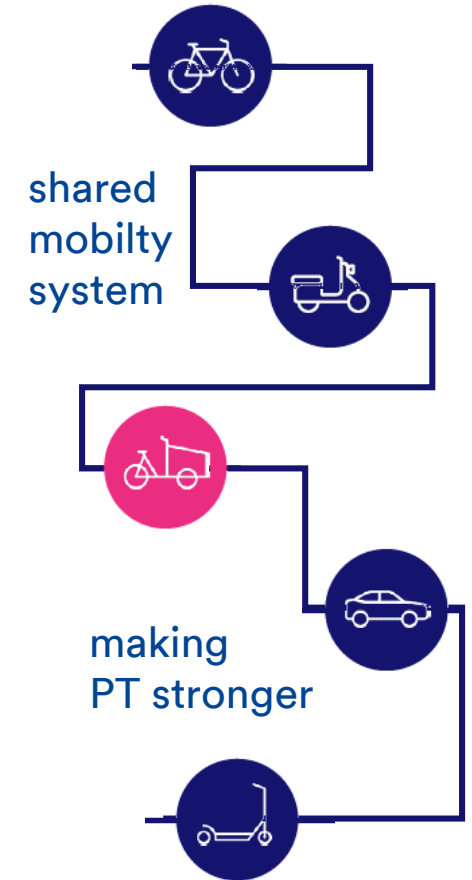
Consulting

City Strategy Mobility

Sustainable, smart and climate neutral

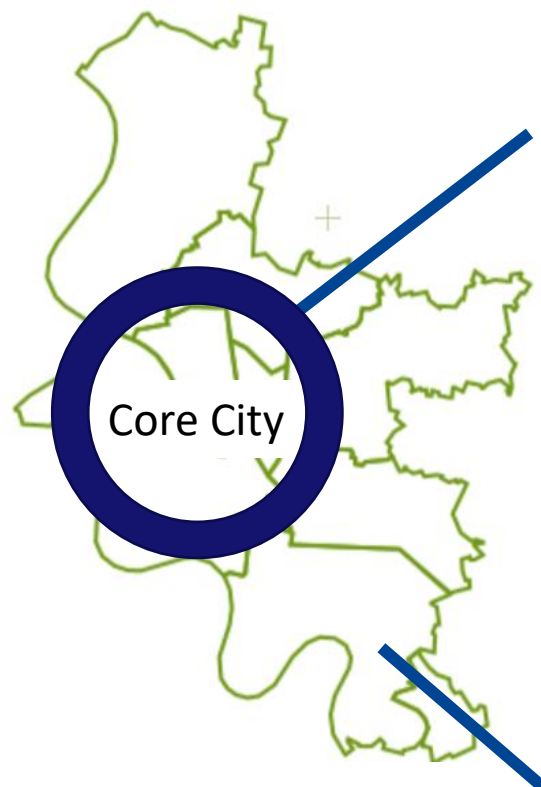


- New comfort and **improved connectivity** of public transport through Inter- and Multi-Mobility-Management
- **Mobility-as-a-Service** and single-sign-on for easy access and simple change of means of transport
- Building up a network of appr. **120 mobility hubs** in cooperation with city administration, PT and private companies
- Achieving **climate neutral** and liveable city centers (urban outdoor living rooms)
- **Dashboards** for better transport planning and monitoring



Insight to Shared Mobility Hubs Strategy

Build-up of 100 new public hubs in urban areas/ districts
+ 20 hubs on private premises



Goal 1: Max. 5 minutes of walk to next Shared Mobility Hub
(high density: ~315.000 people, ~ 55 km²)



Strong network with redundancies

Goal 2: Sharing Stations at all central places and train stations
(lower density: ~330.000 people, ~ 162 km²)

Example “Bachplätzchen” in Düsseldorf

Our best practice for integrated planning



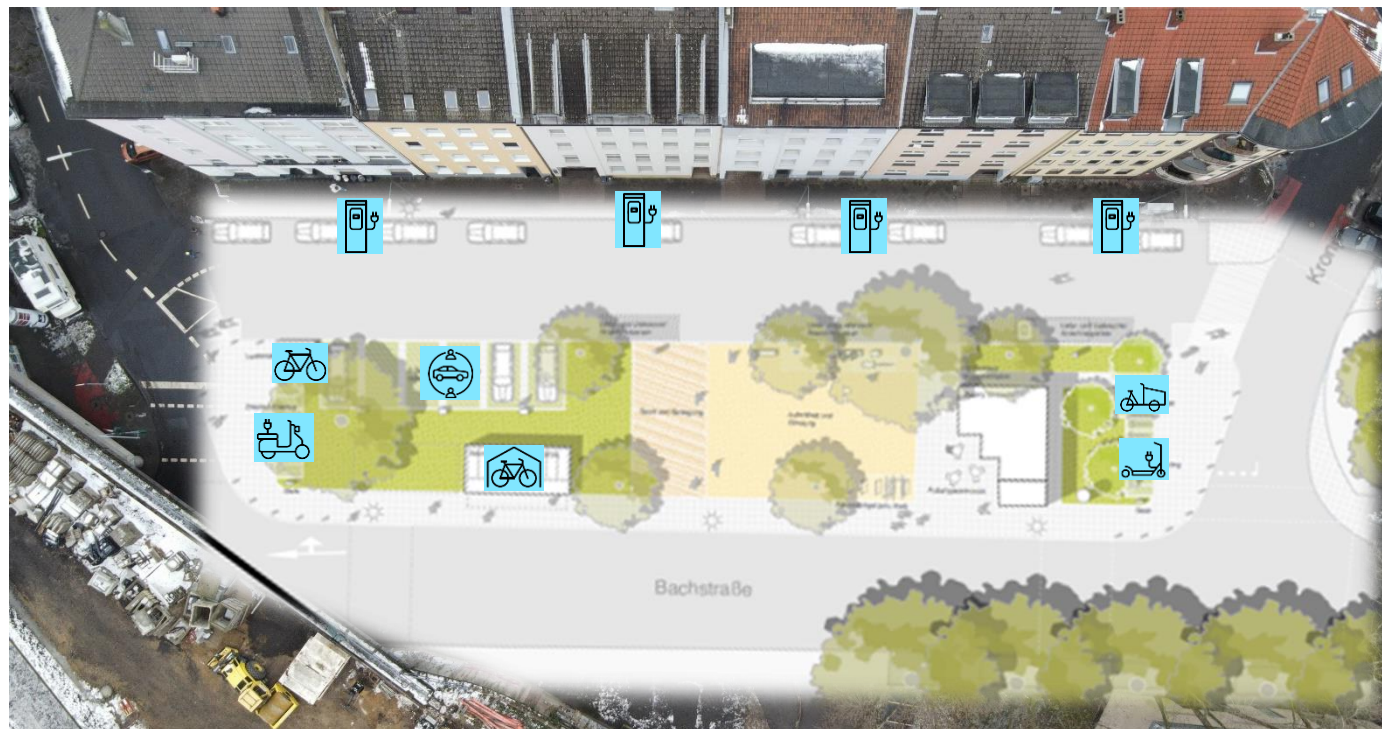
Drone Picture 16.02.2021: place is dominated by private car-parking

Weaknesses:

- no safe passage for kids and families or for cyclists
- no attractive and liveable place in neighbourhood
- Little green areas and little capacities of water absorption in case of heavy rain or heatwaves

Example “Bachplätzchen” in Düsseldorf

Our best practice for integrated planning



Autumn 2022: place is green and free of private car-parking

Strengths:

- 1/3 of place is dedicated to shared mobility (reduced numbers of parking cars = safe passages)
- 1/3 of place is undedicated = place for neighbourhood events (flea market etc.)
- 1/3 of place is green + 3 new trees to be planted = climate adaption and climate protection

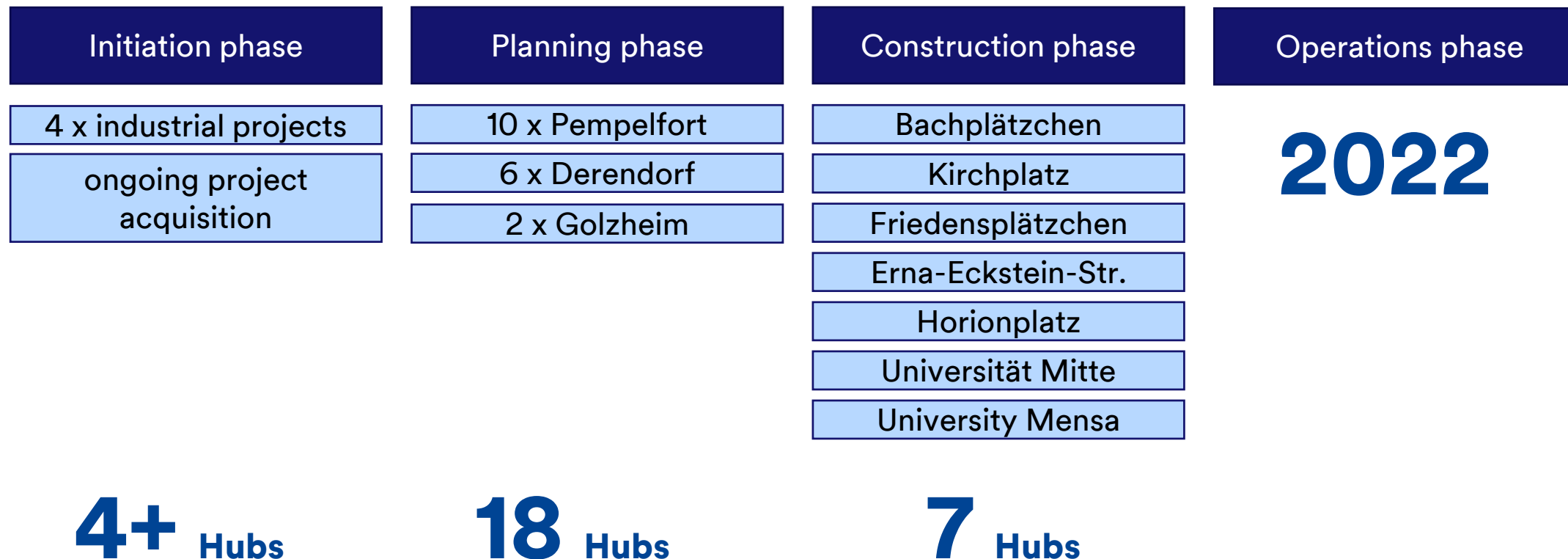


Status and Outlook

Mobility Hubs



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Systematic approach to reach target of 120 shared mobility hubs by 2030



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Thank you!

David Rüdiger
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