





Shared mobility and autonomous services can

create a systemic shift.

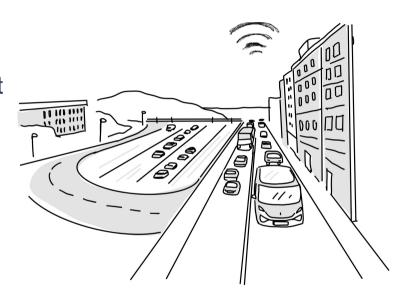




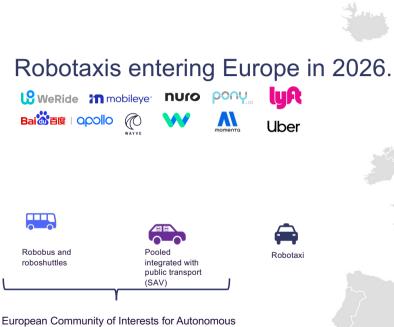




But such a development is not a given







Road Transport Services in Cities and Regions.



### **Key Service Design Criteria and Ambitions**



### Ridesharing (pooling)

Fundamental to get reduction in kilometres driven, which drives benefits as well as business case



#### Operate as one integrated fleet

Competing fleets will not reduce kilometres driven, hence not generate benefits



#### Integrated with public transit

Key to complement to maintain reduction in kilometres driven



### Replacement of private car journeys

If this is just a complementary service, it will not provide key sustainability benefits



#### Large scale needed

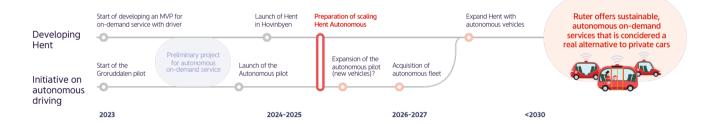
Both to provide reliable private car replacement service and to be attractive investment case



#### Subsidize-free service

Self-sustainable service-key to scaling

## Roadmap scaling Hent





# The purpose of launching an MVP



Introduce an on-demand service to actual customers

Gain insight into developing services to meet customer needs

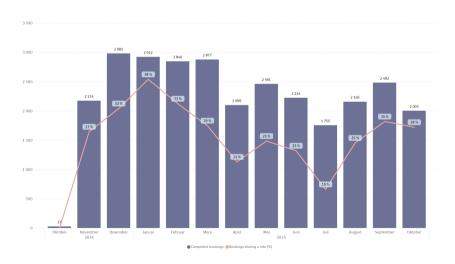
Prepare Ruter for the development and operation of DRT-services

### How does Hent work?

- Hent is for anyone travelling within the service area
- Order Hent by searching for your desired destination in the Ruter app
- · Receive an estimated pick-up and arrival time
- Be picked up at the closest virtual stop and driven close to your desired destination
- You may sit together with other passengers who are going in the same direction



### Summary of key findings first year





### Customer needs and target group

- · 84% of customers are satisfied with Hent overall
- · 84% would recommend the service to others
- Customers are younger, have higher public transport usage and are more app-savvy
- Main purposes: Visits (45%), home trips (30%), leisure activities (30%)
- Primarily replaces: Public transport (63%), taxi/Bolt/Uber (62%), car (18%)
- Geographic coverage, opening hours and lack of combination tickets are the biggest barriers to increased usage



## Learning objectives for the pilot

- Learning arena for Ruter, the EU-project ULTIMO, road authorities, municipalities and other public actors who must be prepared for the future of public transport
- Build experience with operation of automated DRT services
- Test and develop good customer journeys for services without human drivers/hosts
- Explore good solutions for automated services for people with disabilities
- Verify need for modification of physical and virtual pick-up and drop-off points















### **Status Autonomous Pilot**

Operating on all types of roads throughout the year and with customers



The pilot service is approaching external user testing through the preparation of digital channels and operational processes



















