

# Mechelen goes autonomous



**What was**

Our recent progress  
report

**What will be**

Plans for the near future

# Mechelen goes autonomous

ART-Forum



Pilot in  
2021

De Lijn autonomous  
pilot



Pilot in  
2022

Passenger  
transport in  
2024

# Our WP deliverables

- Awareness building for autonomous transport
- Increasing community & political support through various dissemination events (WP2)
- Increase knowledge about autonomous vehicles by organizing pilots and demonstrations. (WP3)
- Investigating the impact of





City of  
Gothenburg



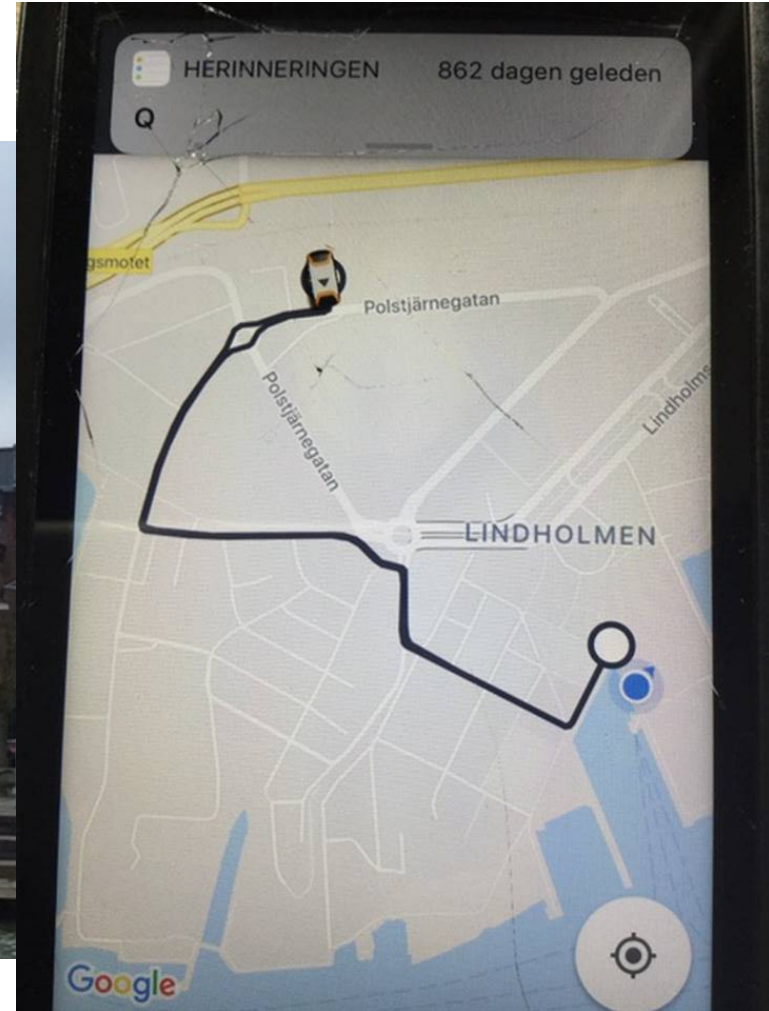
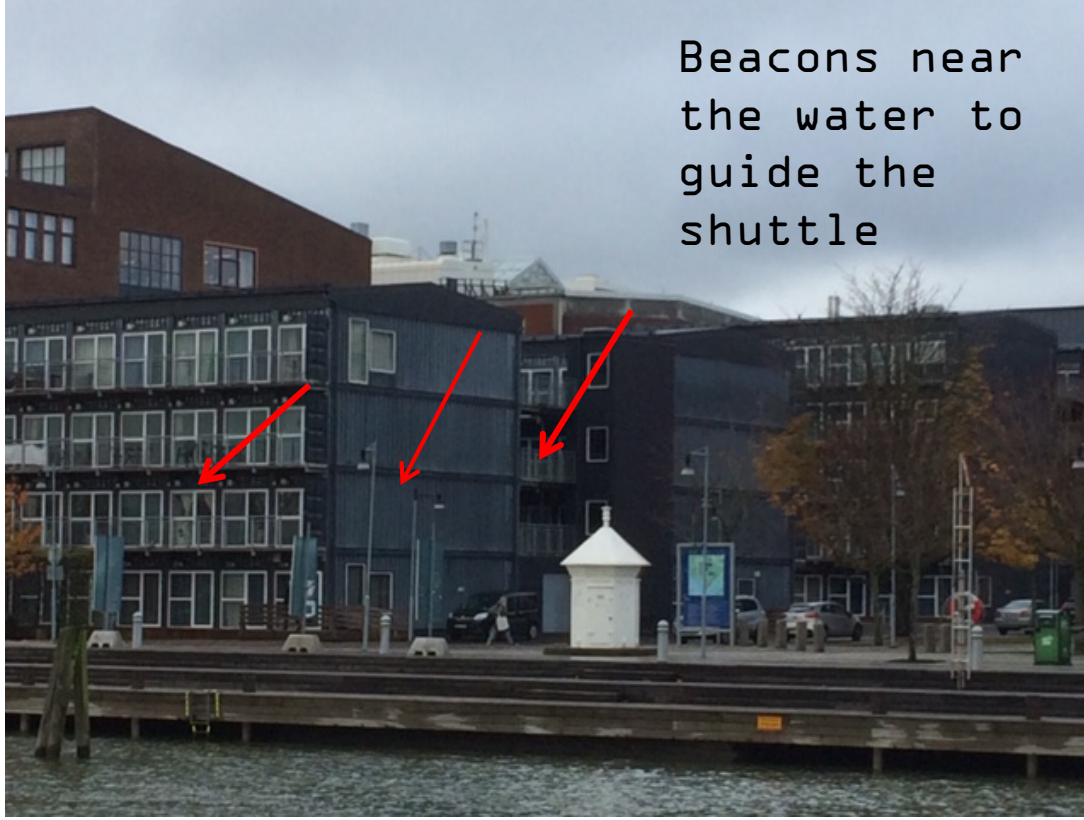
Phase 1 - mei - dec 2018 - Chalmers'  
university  
Phase 2 - april - nov 2019 - Lindholmen  
Science Park  
Phase 3 - in 2020?



## WP 3 - Applications of Art

For WP 3 (applications of ART) the ART-project coordinator of Mechelen visited a project site with an AV in Göteborg, Sweden and discussed the project with the project manager as thus gaining ideas for

Beacons near  
the water to  
guide the  
shuttle





LAB  
BOX

Belgium's first  
dedicated autonomous  
shared mobility  
provider

SIEMENS

*Ingenuity for life*



Belgian Institute for  
traffic security







Universitair  
Ziekenhuis  
Brussel

## Brussels AV pilots

Visit of 2 AV-pilots with our  
alderman of mobility  
and a manager from the city of  
Mechelen. the pilot at Free  
university of Brussels (VUB) and





VRIJE  
UNIVERSITEIT  
BRUSSEL





AV on a private Industrial site  
for employees between two  
buildings

Operators from MIVB are trained to  
operate the AV shuttles. They are  
volunteers normally operating  
busses or trams in Brussels

Not a lot of passengers probably  
because of the very slow speed of  
the shuttle.



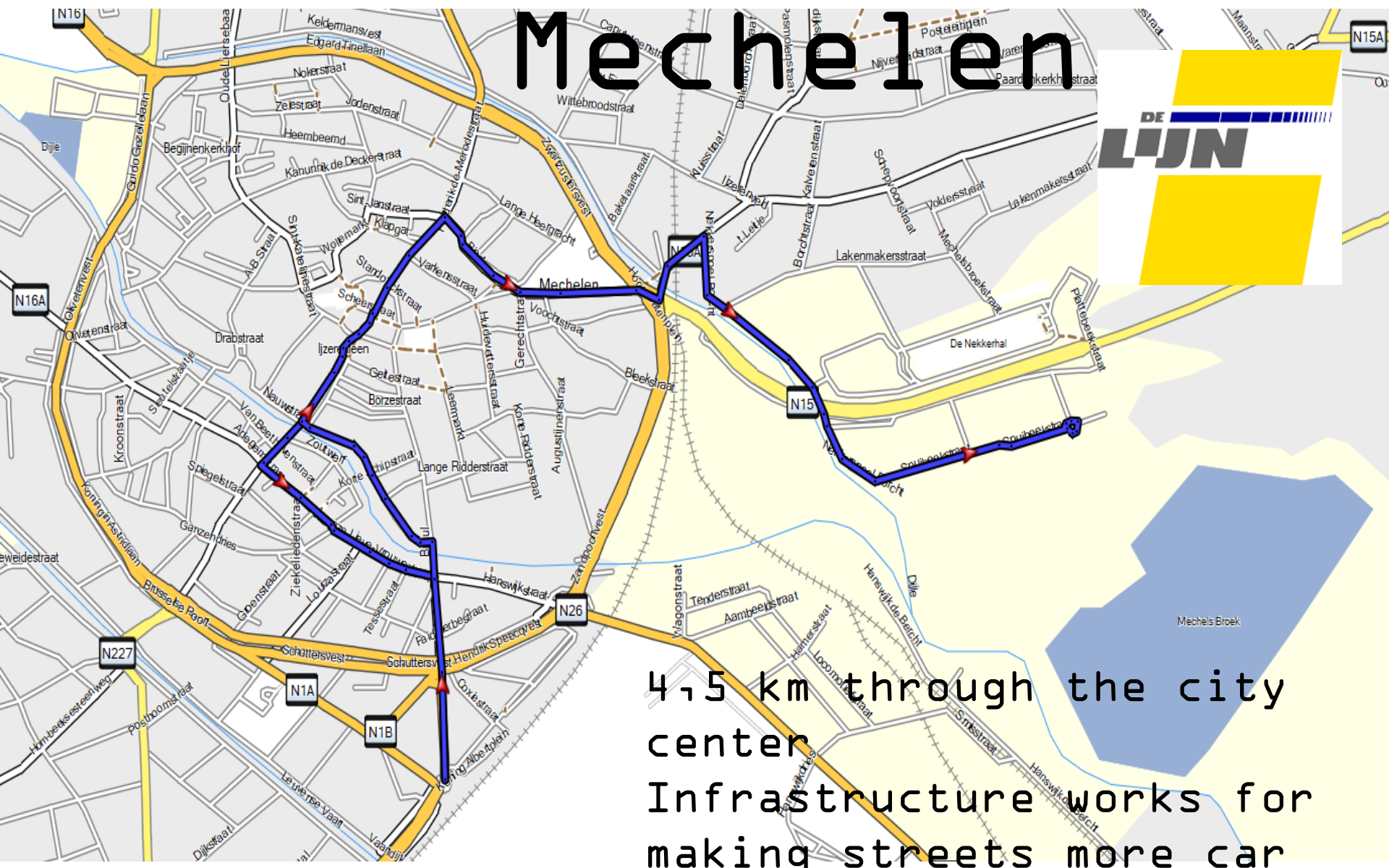


Lydia Peeters  
Flemish Minister for Mobility and  
Public Works



This reporting period the city of Mechelen managed to put their pilot with an autonomous shuttle on the agenda during a meeting with Lydia Peeters, the Flemish minister of mobility who is part of the

# Mechelen



4.5 km through the city center  
Infrastructure works for making streets more car

# Mechelen mobility plan

Safety - Accessibility - Live-ability

Fewer cars > Downtown car-free

More focus on pedestrians, bicycle riders,  
public transport  
(STOP-principles)

Focus on electric mobility and car sharing >  
Mechelen climate neutral

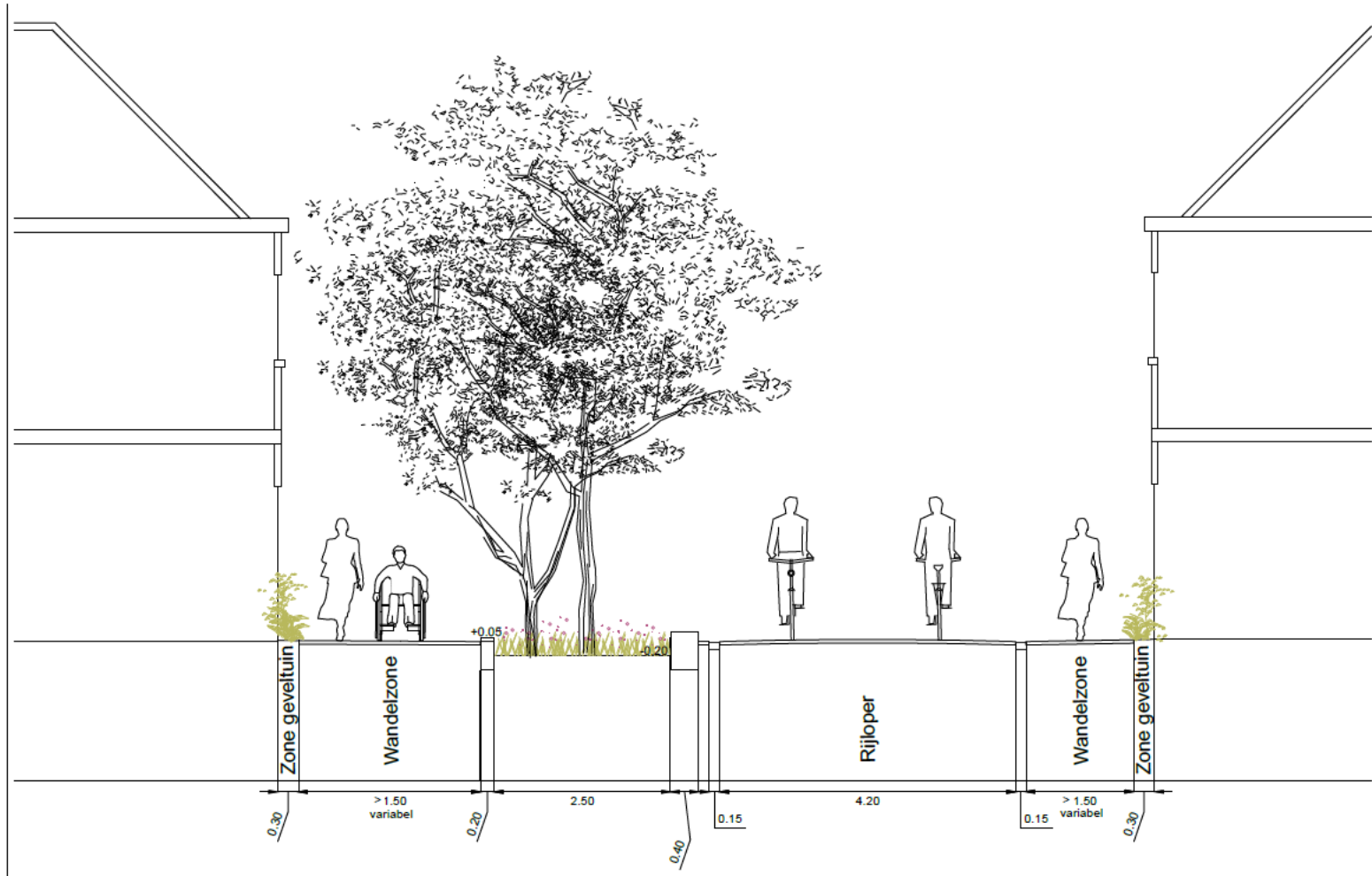
Shared autonomous transport  
> fits in perfectly  
> completes the picture







# PRINCIPESNEDE





- 12 PLATEAUBANKEN
- 9 BANKEN MET RUG- EN ARMLEUNING
- 48 FIETSBEUGELS VOOR 96 FIETSEN
- 250 M2 GROEN
- 21 NIEUW

- RUIMTE VOOR UITSTALLING
- RUIMTE VOOR GEVELGROEN
- RUIMTE VOOR GEVELBANKEN
- LAAD- EN LOSZONES



45,9%



# AV-pilot projects De Lijn



Brussels Airport - 5,5 km -  
2getthere

Mechelen - 4,5 km

Genk - 3 km

Antwerpen Kaaien - 4,5 km

Antwerpen Linkeroever - 4,5 km

Leuven - 6,5 km

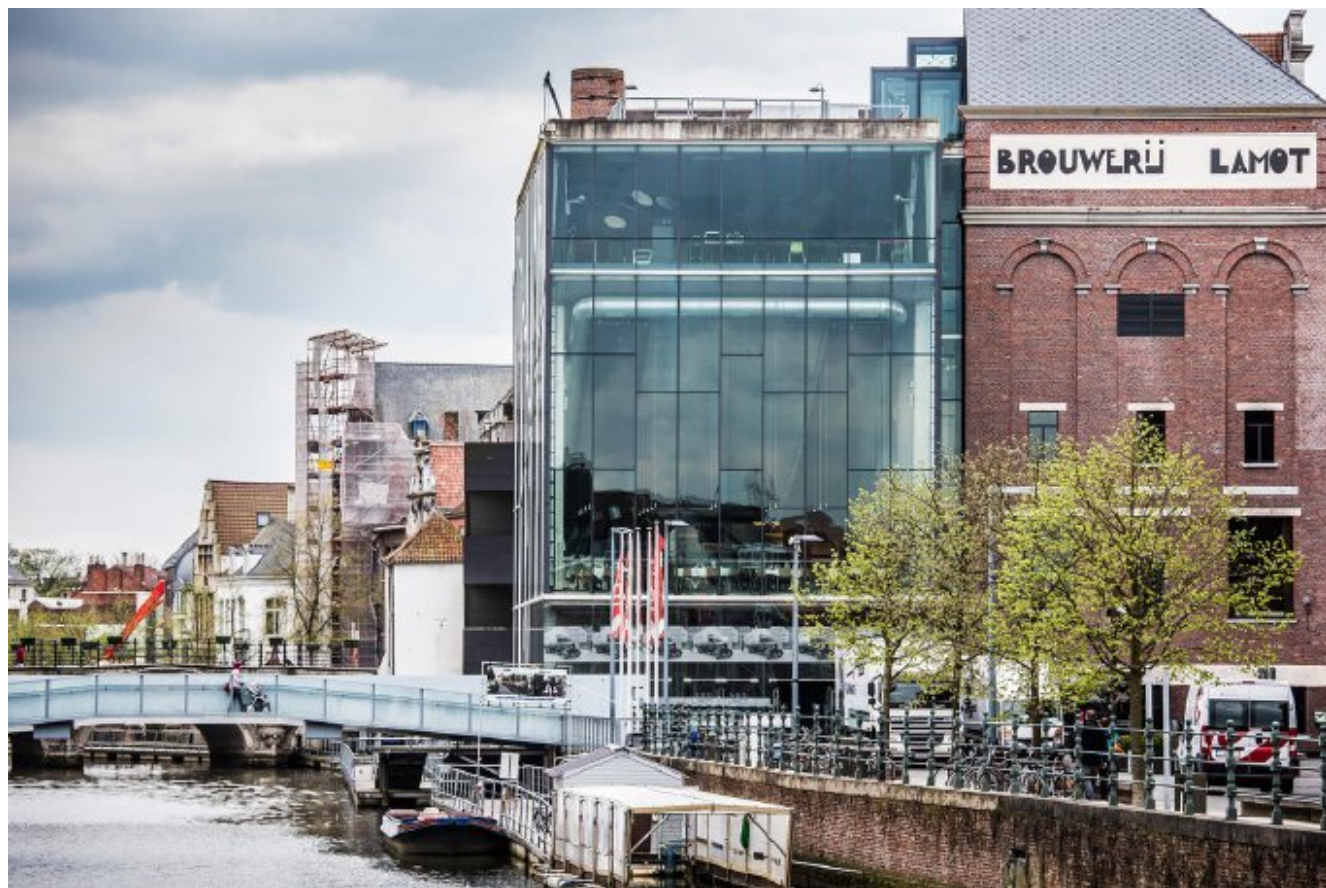
2019	ART-Forum	Autonomous pilot De Lijn	
2Q	start project 4/2019		
3Q			
4Q	start project coördinator		
2020			
1Q	verkenningsfase / aftoetsen markt	Tendering & negotiating process	
2Q			
3Q			
4Q	preparation pilot		
2021			
1Q	stakeholder's workshops	Preparation pilot	
2Q	pilot	Start-up feasibility infrastructural works	
3Q	evaluation		
4Q	dissemination activities		
2022			
1Q	end of project 2/2022	pilot	
2Q		Start-up feasibility infrastructural works	
3Q			
4Q			
2023			
1Q		implementation	
2Q		infrastructural works	
3Q			
4Q			
2024			
		Passenger transport	





Friday 25th of  
September  
Inspiration day  
(F)aces of the  
Future  
With  
Autodelen  
City of Mechelen  
Network  
Sustainable  
Mobility

Welcome !





THOMAS  
MORE

University-college  
in Mechelen

Taxistop & City of  
Mechelen working  
together to organize  
a  
lost lecture about  
autonomous transport

with 2 experts and  
students



**What will be** > Plans for the near future

Preparation for a short pilot

**Your help and input is very welcome.**

from knowledge partners within ART-Forum

from other European projects like Co-Exist

from different stakeholders

> to decide the scope & goals of the AV pilot

2021 for Mechelen

> build further on the findings of others



Thank you.