

Shared mobility in Antwerp

ShareDiMobiHub

June 30, 2023



Mobility options are growing

2010



own bike



own moped
or motorbike



own car



shared car
(back to one)



taxi



bus



tram



train



ferry

2023



own bike



own e-bike



own speed
pedelec



shared bike
(one to one)



shared bike
(one to one)



shared bike
(free floating)



own foldable
bike



own
cargo bike



electric shared
cargo bike



own bike with
cargo trailer



shared scooter
(free floating)



own electric
scooter



shared
moped



own moped
or motorbike



shared car
(back to one)



shared car
(individual)



shared car
(free floating)



own car



shared car
(online platform)



taxi



waterbus



ferry



tram



train



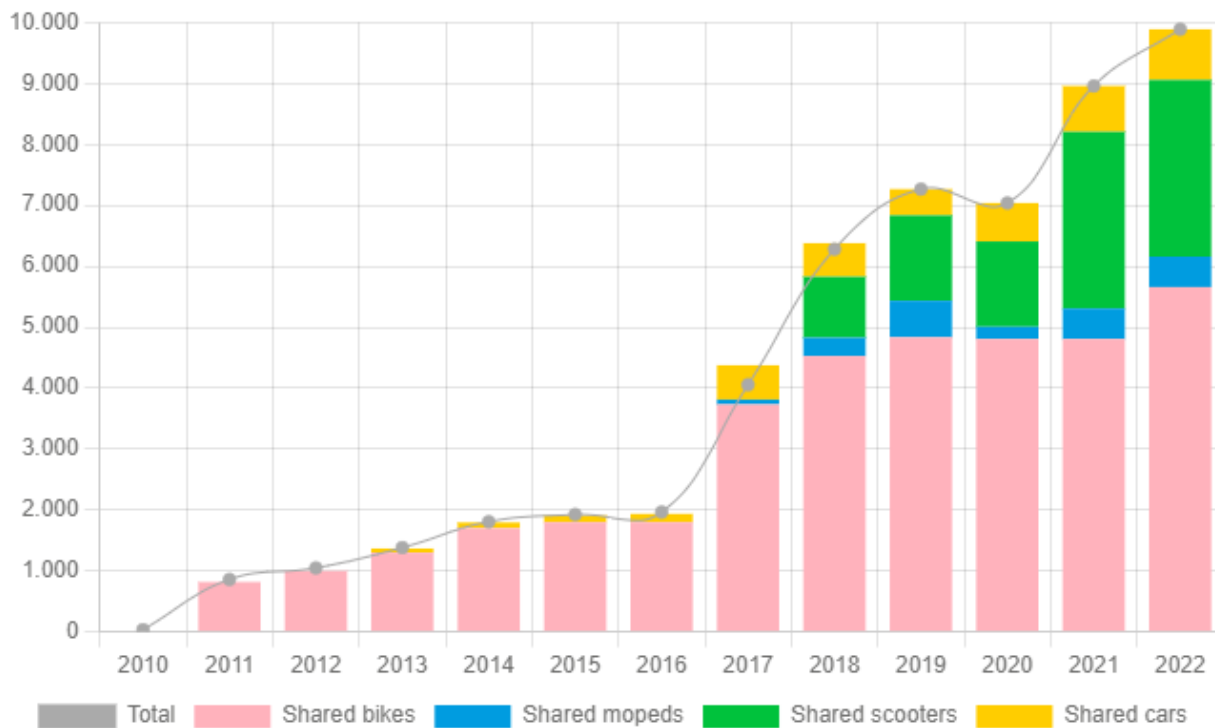
bus



bike bus

Shared mobility is growing

Number of shared vehicles per category



City regulations and framework for shared micro mobility



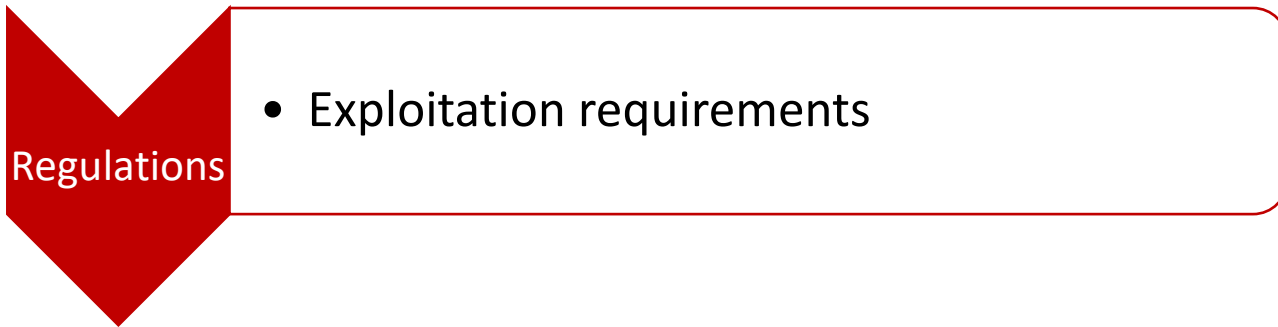
Regulations

- Admission requirements
- Exploitation requirements

Maximum number of licences.

Type of shared vehicle	Max number of vehicles	Max number of licences	Min & max per licence
Bicycles	2250	4 (1)	100 - 1000
Electrical bicycles	1000	2 (0)	50 - 700
Electrical cargo-bikes	250	2 (1)	5 - 125
Mopeds	1200	3 (1)	40 - 500
Scooters	3000	3 (3)	500-1700

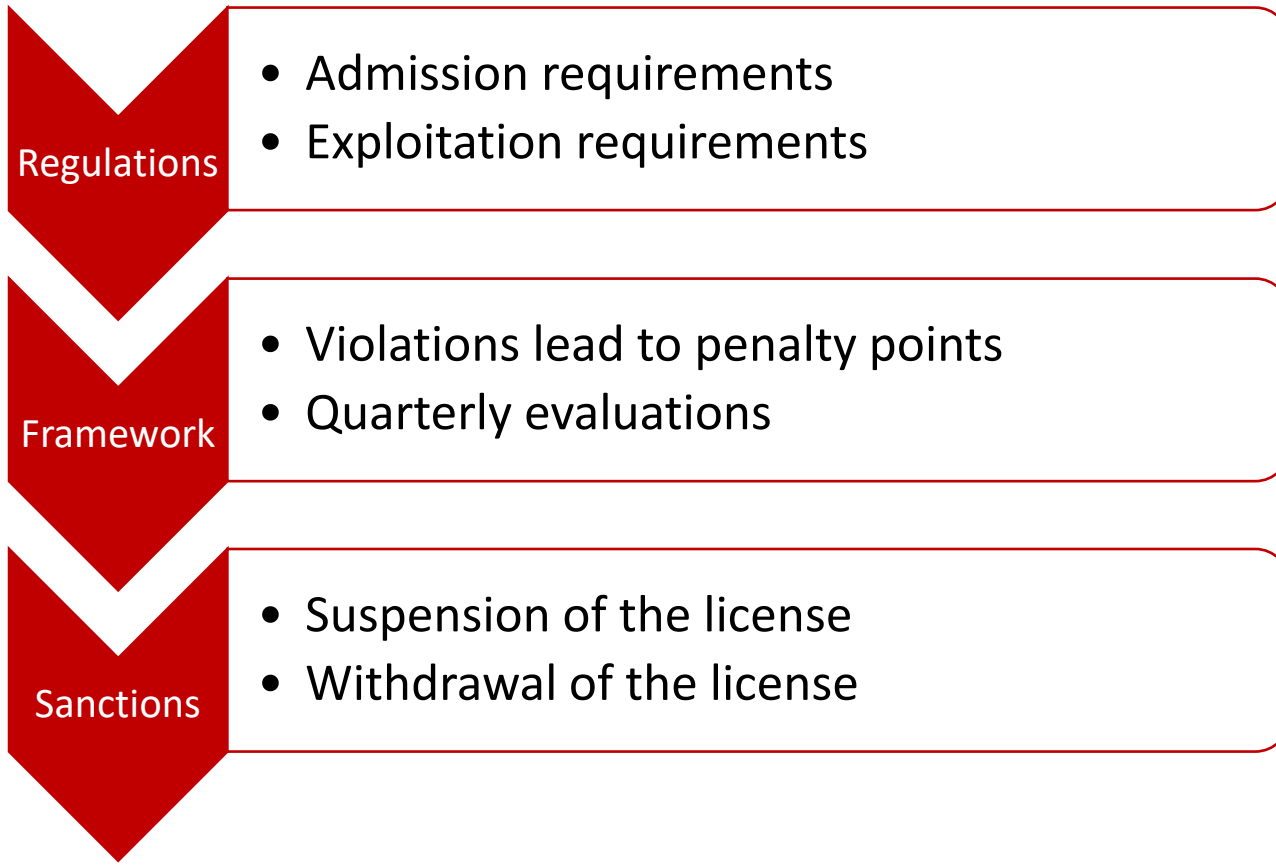
City regulations and framework for shared micro mobility



Some examples:

- Within 4 months 25% of vehicles operational. 50% After 6 months
- After the first year, at least an average use of 0.5 trips per shared vehicle per day must be achieved
- Operators responsible for the correct parking of the shared vehicles.
- Operators must make the necessary data available to MaaS-operators
- Data sharing
- ...

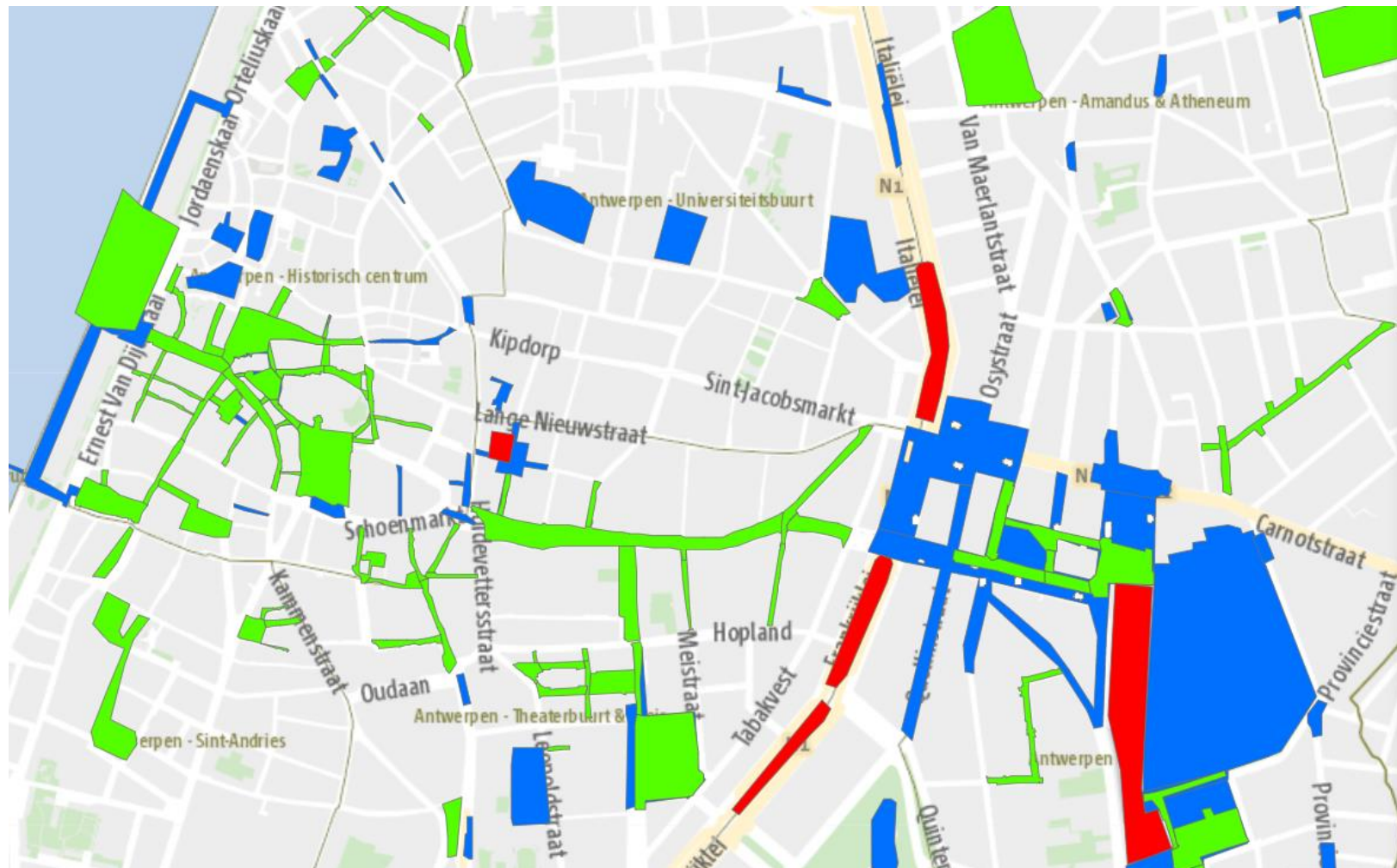
City regulations and framework for shared micro mobility



From flee floating to hub based



Geographical restrictions

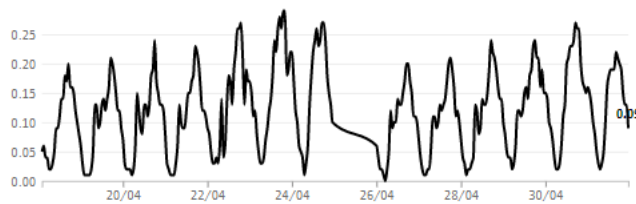


- ✓ No Go
- ✓ Slow Speed
- ✓ No Park

Monitoring and analysis

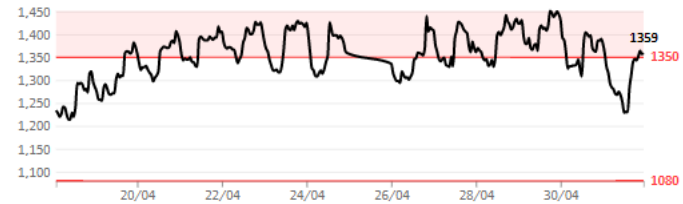
Gemiddeld aantal ritten per voertuig

0.09 ↓ 44.44%



Aantal voertuigen beschikbaar

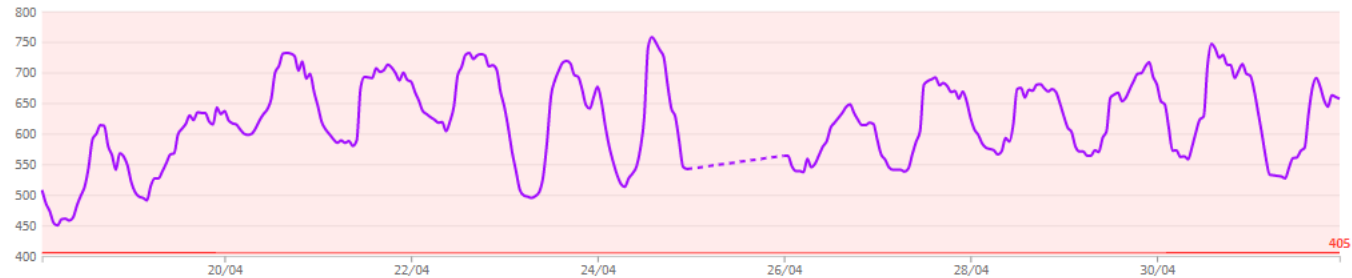
1359 ↑ 0.15%



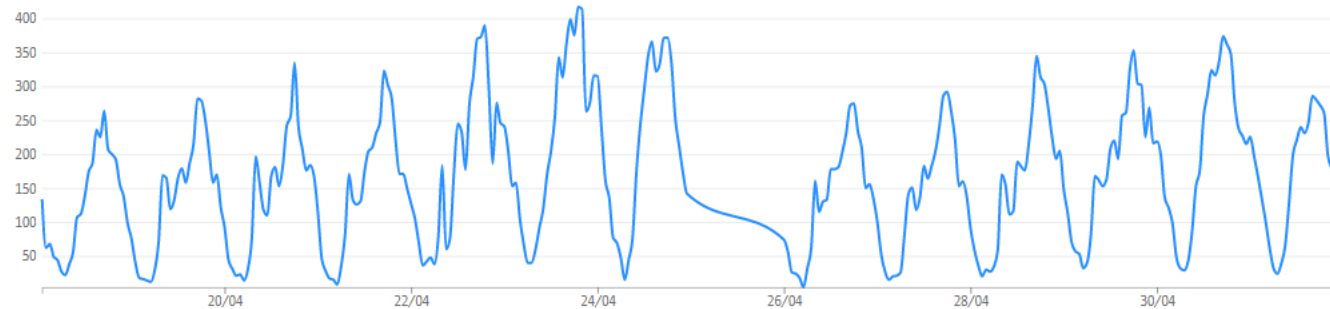
Aantal voertuigen per geo zone

Zones (1) ▾

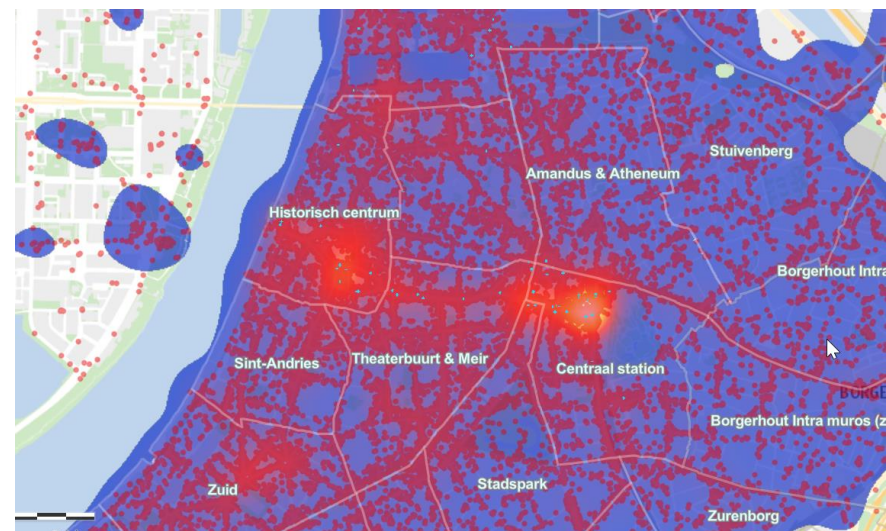
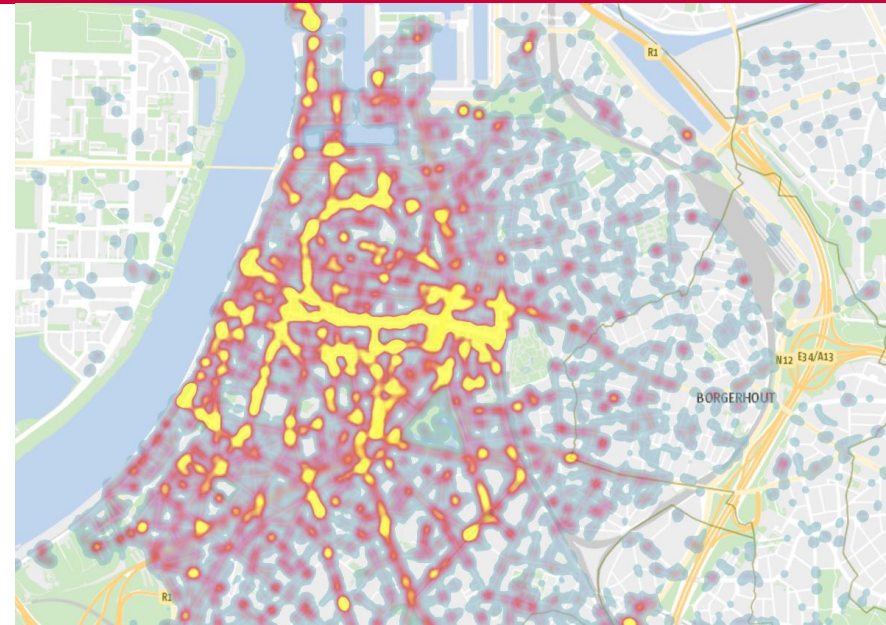
● Historisch Centrum



Totaal aantal ritten



Data driven policy



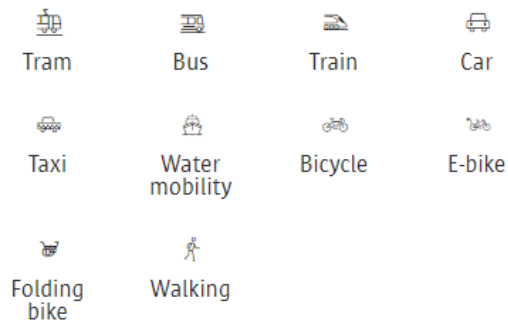
Data for behavioural change

Leave now

Sort

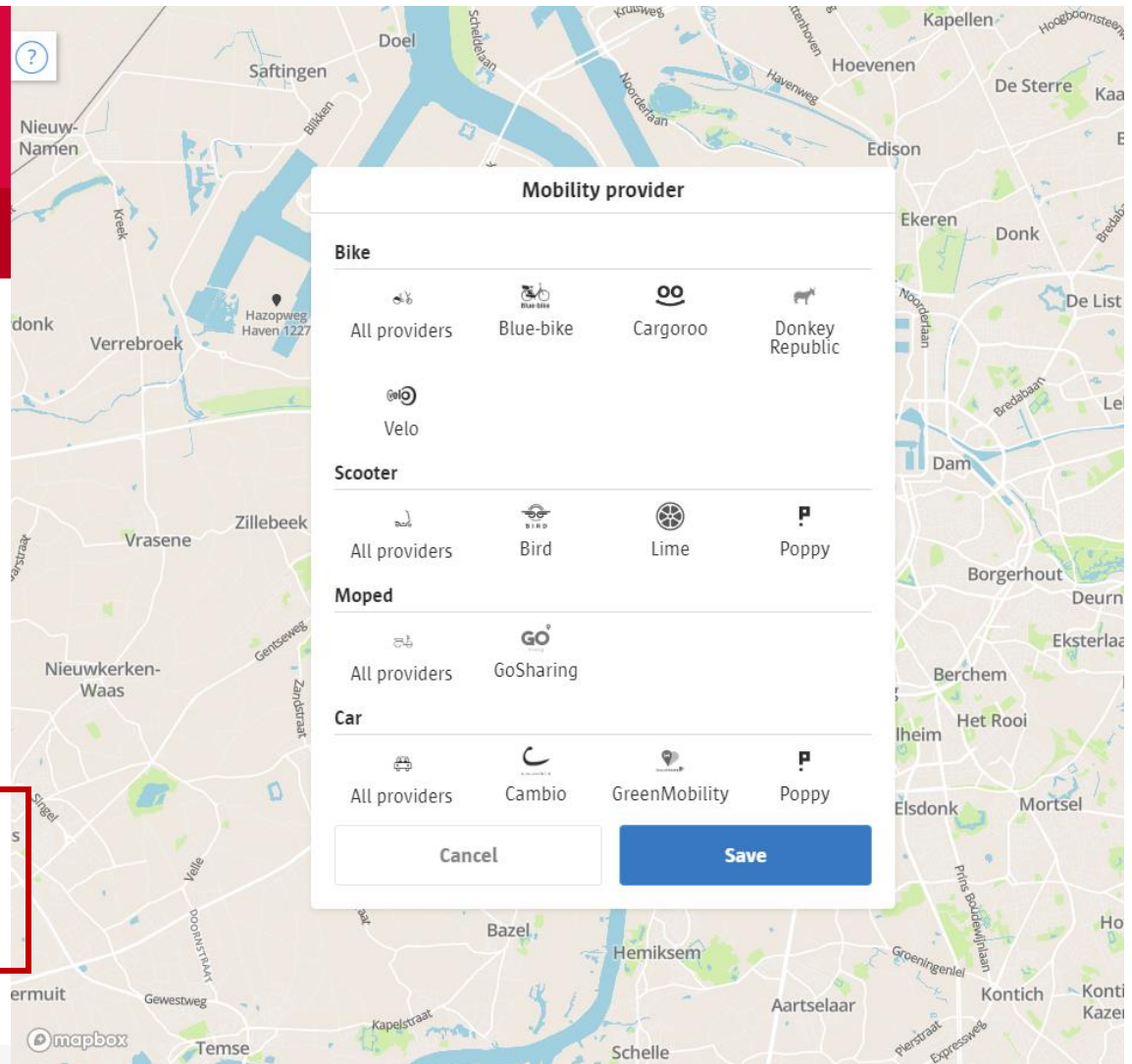
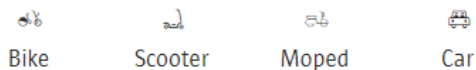
GIVE ME TRAVEL ADVICE

Transport methods

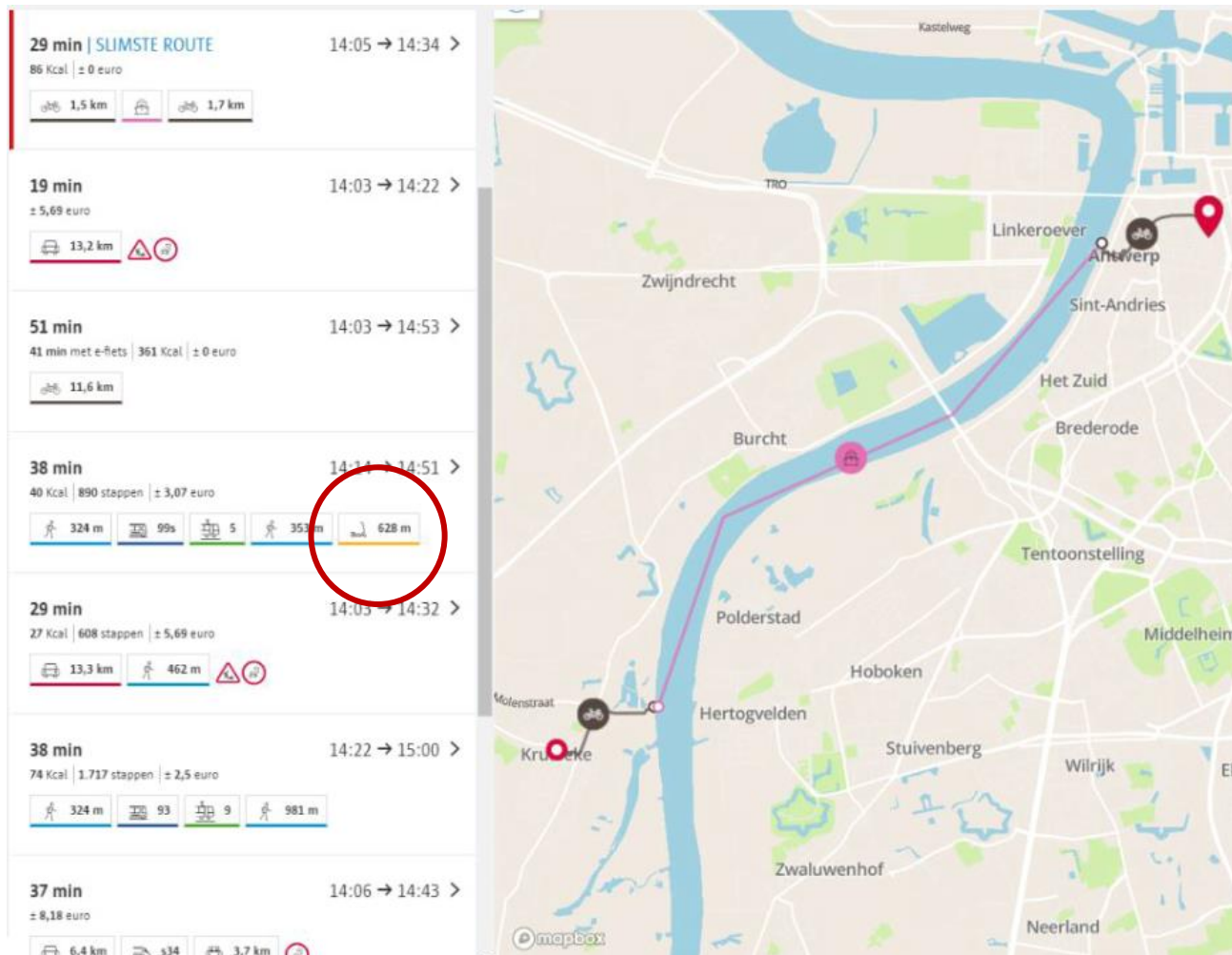


Shared mobility

Providers



Data for behavioural change



Questions?

