



EXPERIMENTS & TRANSITION

URBANISM NEXT EUROPE
2021 

Smart Ways to Antwerp

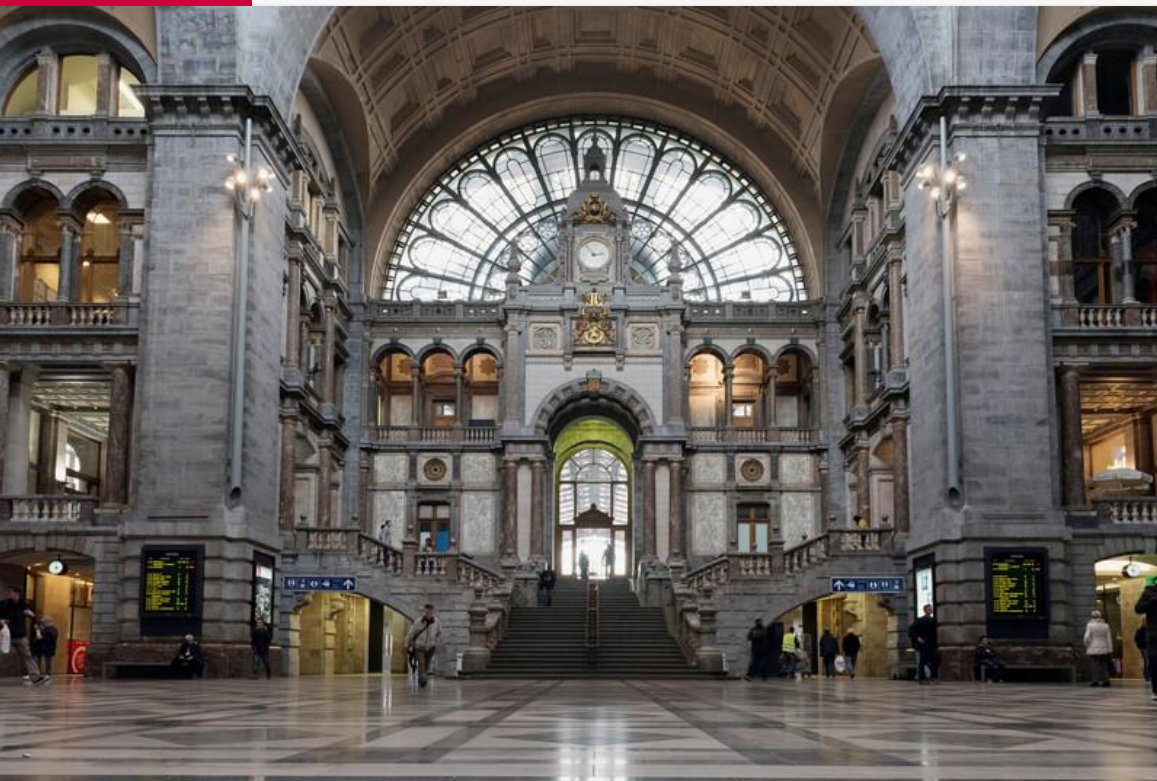
1.A. Policies and governance on new mobility and MaaS

Speaker: Stijn Vernailen, Smart Ways to Antwerp, City of Antwerp



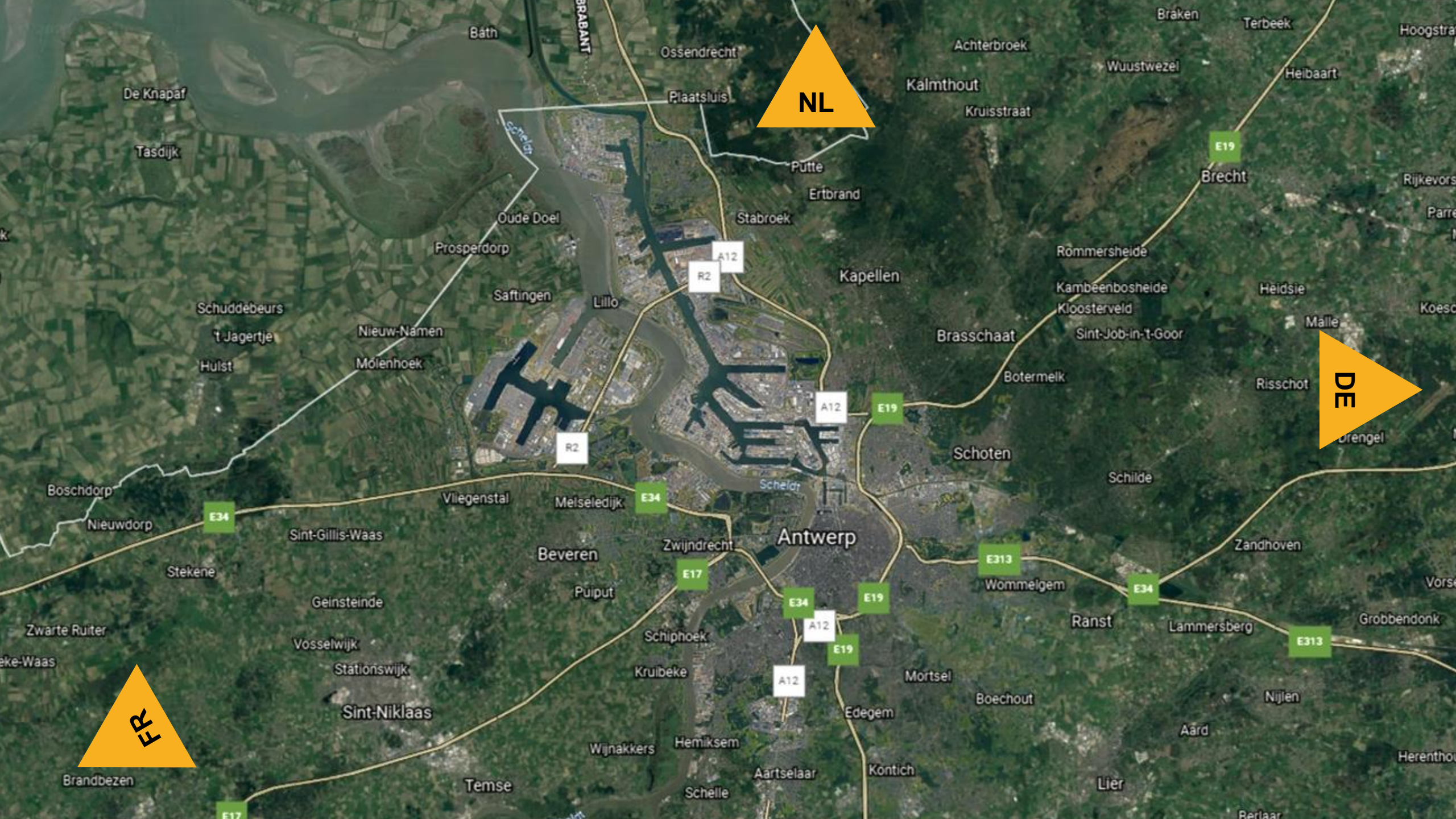
@UrbanismNextEU #UNextEU 

Known for...

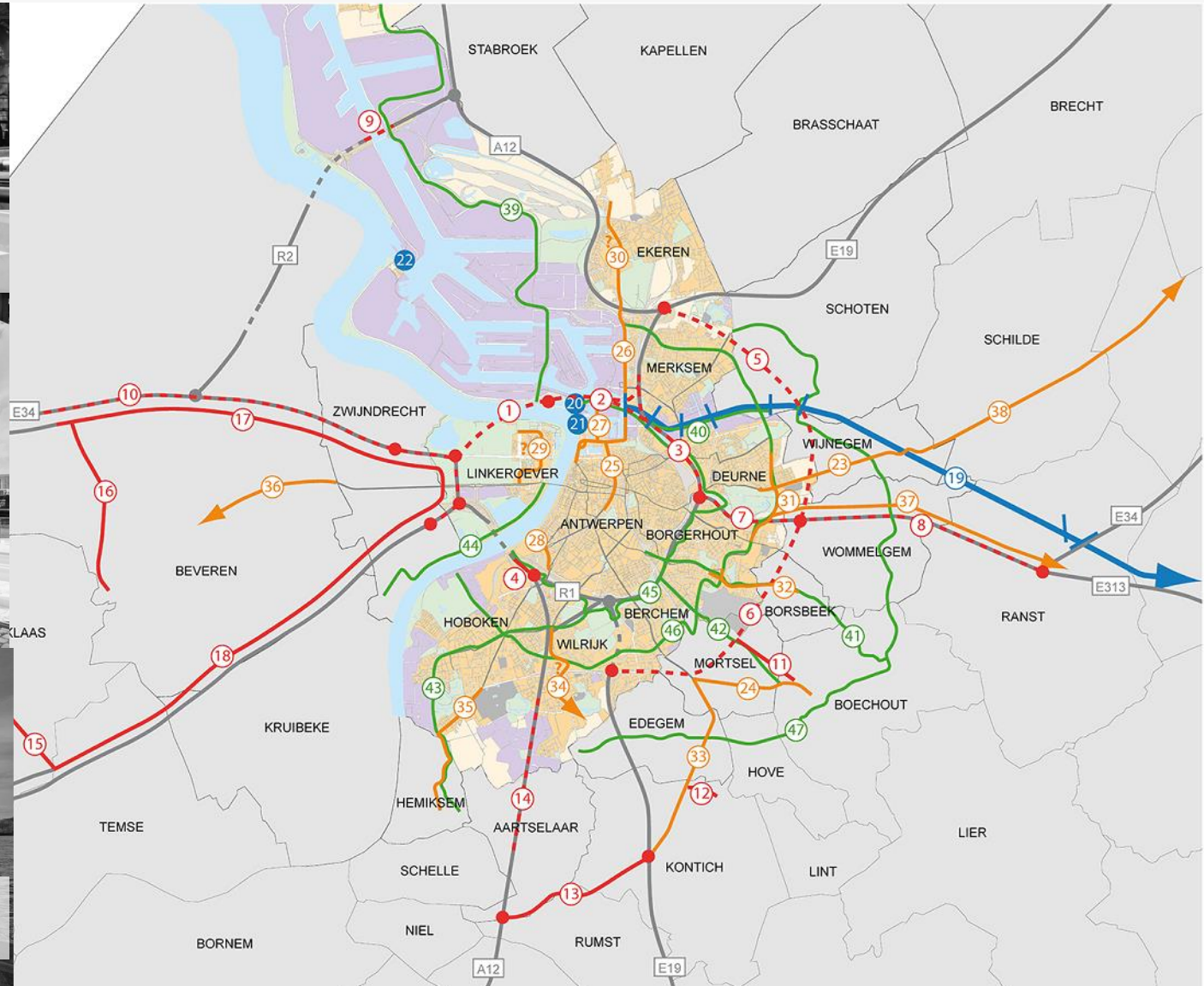
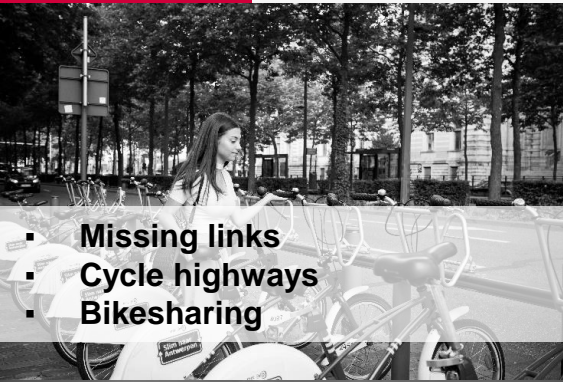








Hard measures



Mind Modal Time Flex

Shift

An integrated marketing approach and cooperation
framework to change travel behaviour

Evolution modal split



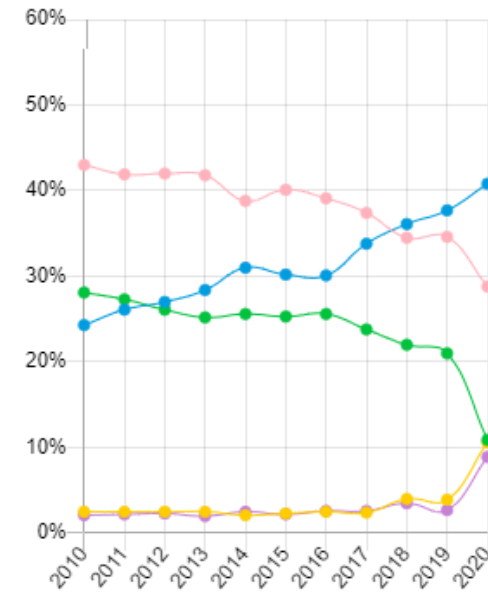
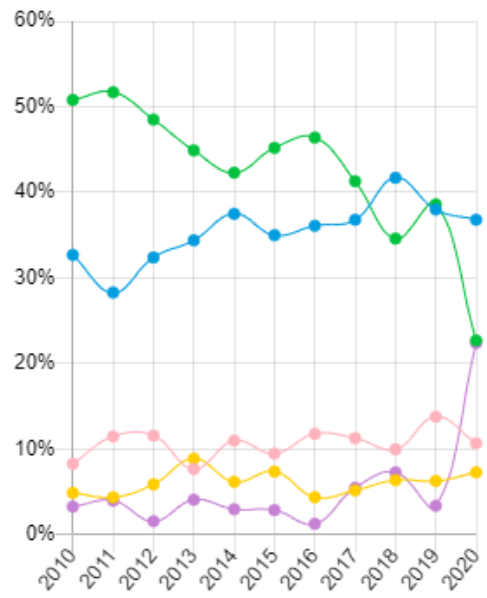
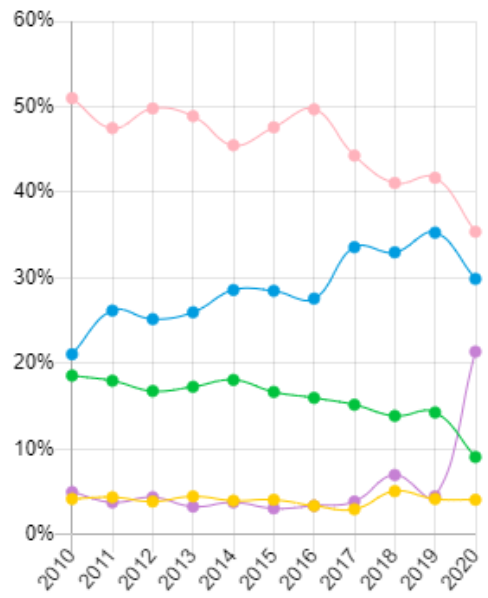
To work



To school

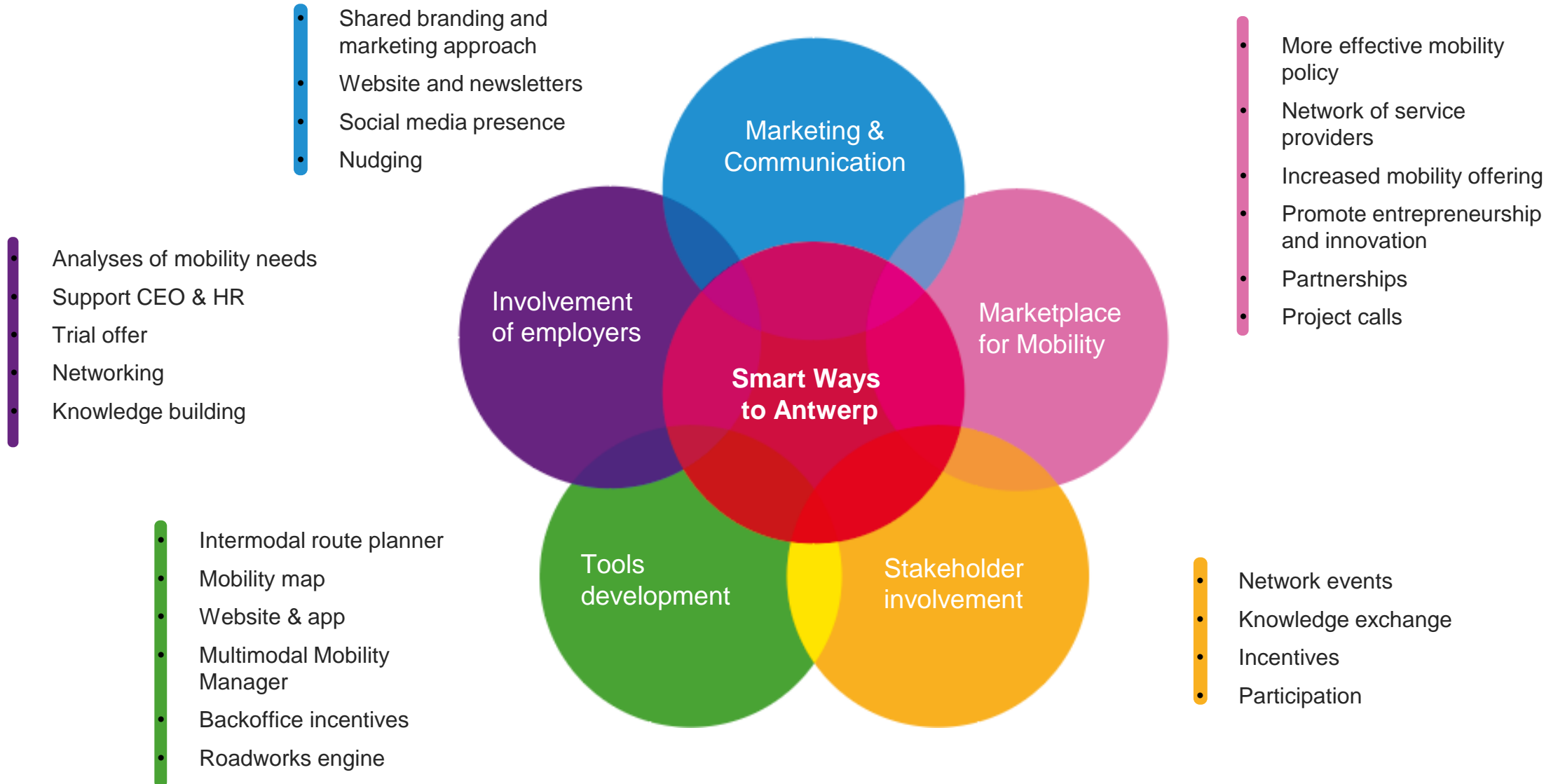


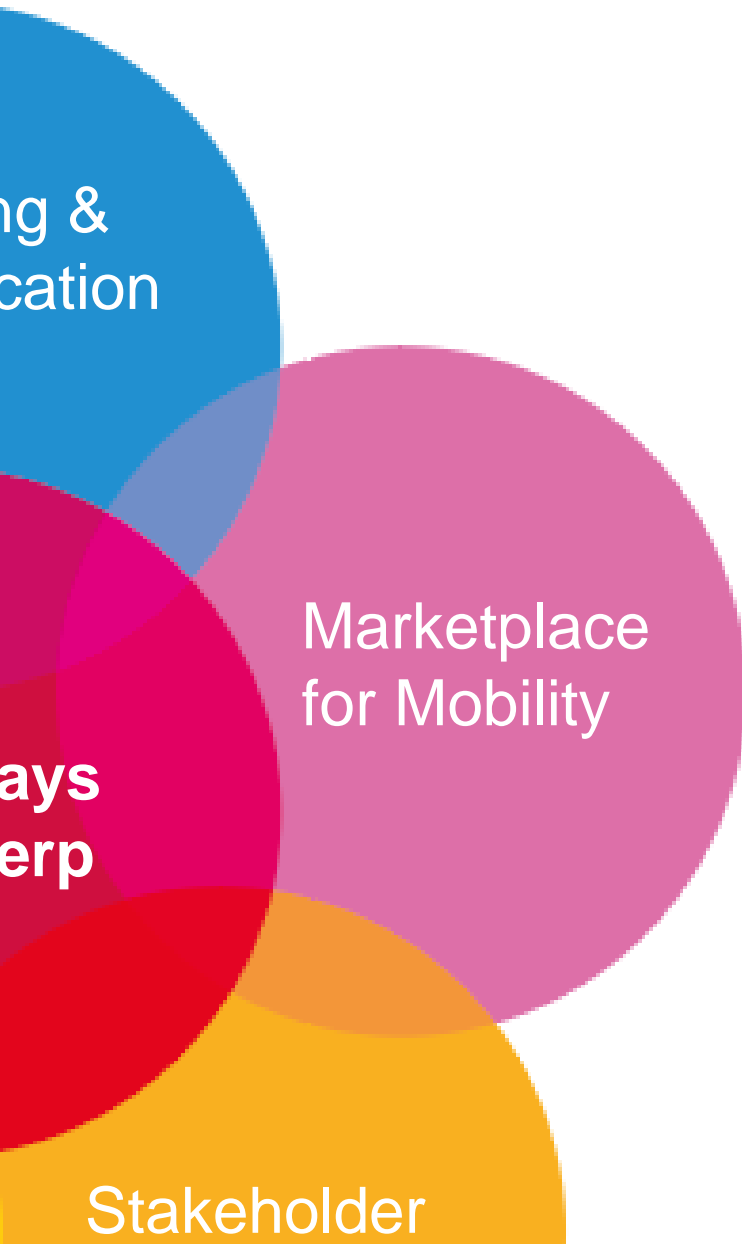
During leisure time



Travelled differently or did not travel

Soft measures





1. Simple partnership

- More visibility band recognition
- Included in all communication of SWtA
- Congestion mitigating effect

2. Project partnership

- Stimulate the market to develop smart and innovative solutions
- Active guidance and dialogue
- Limited financial support
- +/- 50 projects since 2017



Tools
development


Travel planner & mobility map

- True intermodal trip advice
- BeNeLux
- Web + app


NXTMobility

- Digital backbone
- API-store
- Monitoring & evaluating
- Data pipelines
- ...


2010




own bike




own moped
or motorbike




own car




shared car
(back to one)




taxi




bus



tram



train



ferry


2020



own bike



own e-bike



own speed
pedelec



shared moped



own car



shared car
(online platform)




own foldable
bike



own cargo
bike



own bike with
cargo trailer




shared car
(back to one)



shared car
(free floating)



shared car
(individual)




shared bike
(one to one)



shared bike
(back to one)




shared bike
(free floating)



taxi



bus



bicycle bus



own electric
scooters



shared scooter
(free floating)



own moped or
motorbike



tram



train





ferry




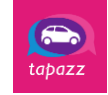



waterbus

Mobility Providers




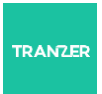

















MaaS Providers

In de buurt

Grote Markt, Antwerpen, 2000 Antwerp

Wandelaafstand

5 minuten

Vervoersmogelijkheden

Tram

Bus

Auto

Taxi

Water

Fiets

Trein

Wandelen

Deelmobiliteit

Fiets

Step

Scooter

Auto

Zones

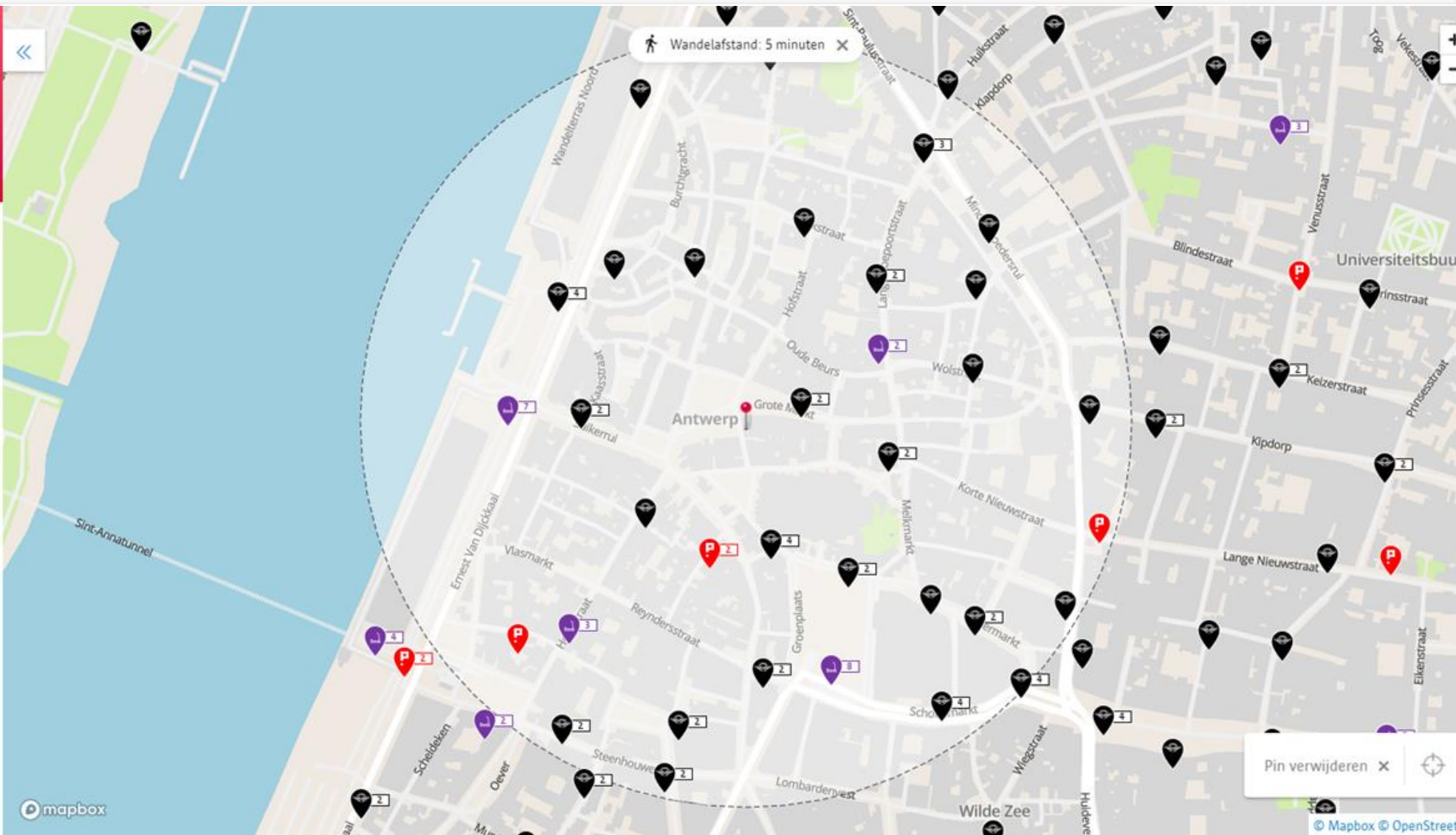
Lage-emissiezone

Parkeertariefzones

Verkeer

Wegenwerken

Verkeerssituatie



Example route advice (from testing environment – pricing information not complete)

28 min | SMARTEST ROUTE

15:59 → 16:27 >

22 min E-bike | 198 kCal | ± 0 euro

5,8 km

16 min | FASTEST ROUTE

15:59 → 16:16 >

29 kCal | ± 2 euro

355 m

3

391 m

22 min

16:04 → 16:26 >

43 kCal | 976 steps | ± 2 euro

355 m

3

387 m

24 min

16:04 → 16:29 >

49 kCal | 622 steps | ± 7 euro

355 m

3

708 m

34 min

16:15 → 16:49 >

41 kCal | 955 steps | ± 6.2 euro

726 m

s34

1,7 km

26 min

15:59 → 16:26 >

107 kCal | ± 0.88 euro

2,4 km

3,2 km

34 min

16:32 → 17:07 >

103 kCal | 442 steps | ± 4.4 euro

3,6 km

s34

181

336 m

46 min

15:59 → 16:45 >

205 kCal | ± 1.75 euro

8,5 km

3,7 km

30 min

15:59 → 16:30 >

19 kCal | 405 steps | ± 3.5 euro

8,4 km

308 m

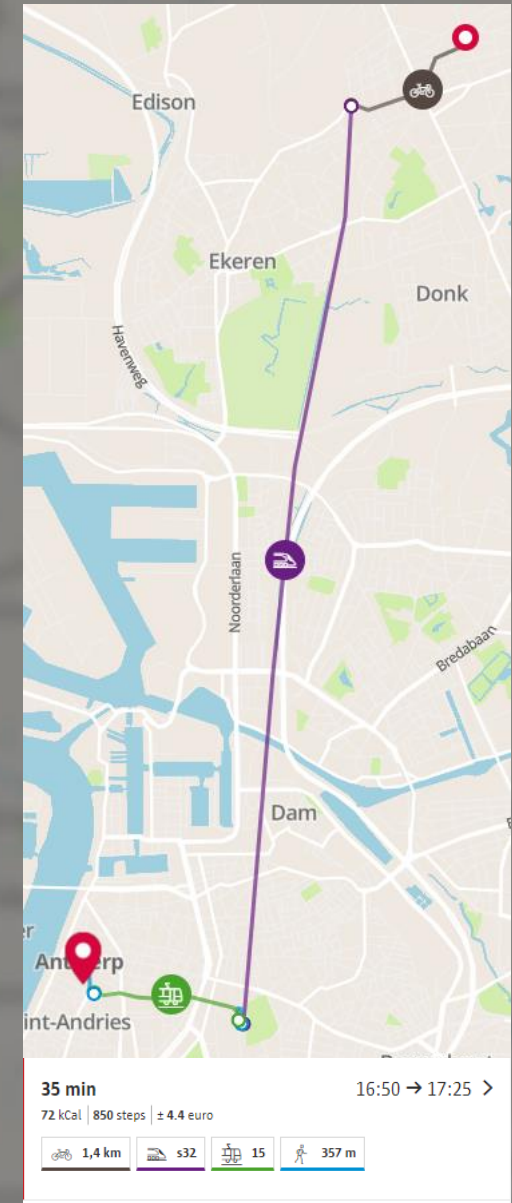
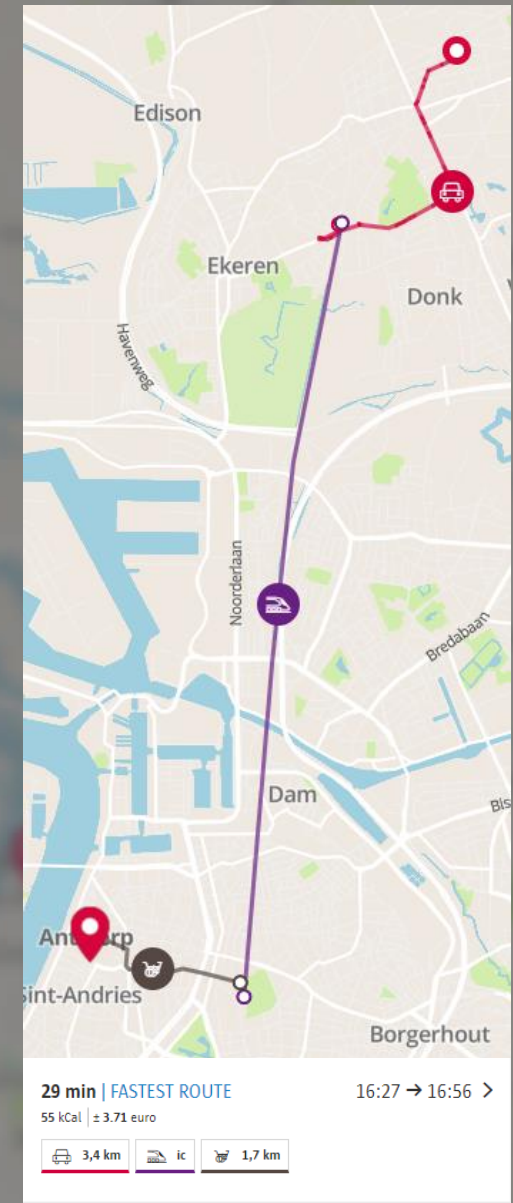
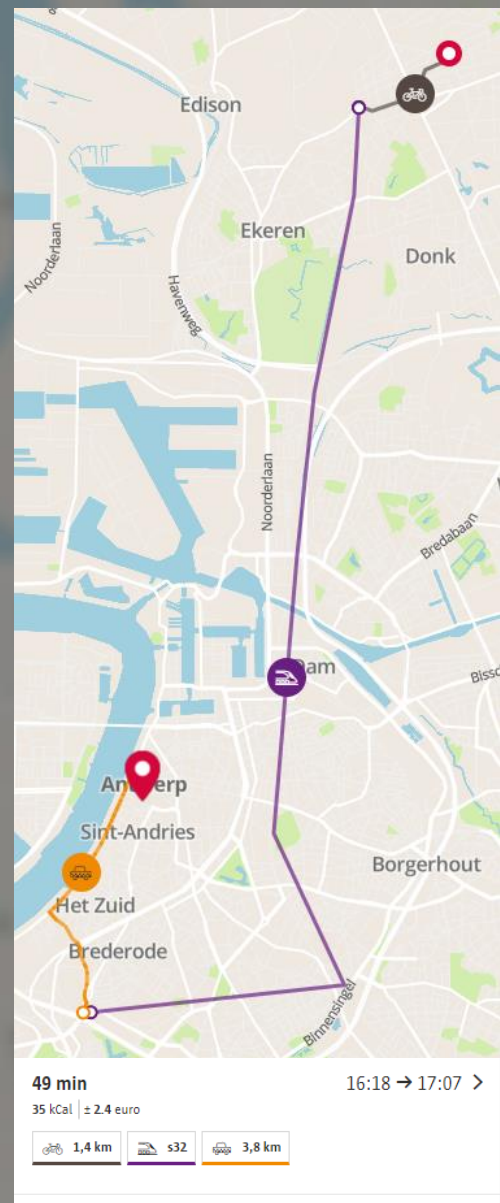
1 hr(s) 27 min | MOST ACTIVE ROUTE

15:59 → 17:26 >

373 kCal | 7,628 steps | ± 0 euro


5,8 km

47 min SMARTEST ROUTE 37 min E-bike 331 kCal ± 0 euro 11,6 km	16:16 → 17:02 >
32 min 115 kCal ± 2.4 euro 1,4 km s32 1,9 km	16:18 → 16:50 >
41 min 134 kCal 1,839 steps ± 5.55 euro 1,4 km s32 1,7 km	16:38 → 17:19 >
35 min 72 kCal 850 steps ± 4.4 euro 1,4 km s32 15 357 m	16:50 → 17:25 >
37 min 98 kCal 846 steps ± 4.4 euro 2,6 km stoptrein s32 9 357 m	16:17 → 16:55 >
49 min 35 kCal ± 2.4 euro 1,4 km s32 3,8 km	16:18 → 17:07 >
51 min 61 kCal 1,405 steps ± 2 euro 711 m 650 3 357 m	16:30 → 17:21 >
29 min FASTEST ROUTE 55 kCal ± 3.71 euro 3,4 km ic 1,7 km	16:27 → 16:56 >
43 min 117 kCal ± 3.5 euro 8,3 km 3,9 km	16:16 → 16:59 >
2 hr(s) 49 min MOST ACTIVE ROUTE 724 kCal 14,822 steps ± 0 euro 11,3 km	16:16 → 19:05 >




47 min | SMOOTHEST ROUTE

37 min E-bike | 331 kCal | ± 0 euro

 11,6 km


48 min | SHORTEST ROUTE

39 min E-bike | 343 kCal | ± 0 euro

 10,5 km


45 min | COMFORT ROUTE

36 min E-bike | 323 kCal | ± 0 euro

 11,3 km

1 hr(s) 12 min | NODE ROUTE

58 min E-bike | 511 kCal | ± 0 euro

 13 km

16:26 → 17:12 >


16:26 → 17:14 >

16:26 → 17:11 >

16:26 → 17:38 >


2 hr(s) 49 min | CAR-FREE ROUTE

724 kCal | 14,822 steps | ± 0 euro

 11,3 km

2 hr(s) 38 min | SHORTEST ROUTE

678 kCal | 13,862 steps | ± 0 euro

 10,5 km

16:28 → 19:17 >

16:28 → 19:06 >

1
halte
2min

IC Essen - Antwerpen

Je komt aan in station Antwerpen-Zuid.

Antwerpen-Zuid

details

Antwerpen-Zuid
1 haltes - 17:58
Volledige trip: 14km - 18:03

1,3km

632

414m

324m

Brederodestraat

21°
10%

details

10 km
30 min - 18:13
Volledige trip: 14 km - 18:14

414m

37m

Desguinlei

Gebruik de app van Bird om je voertuig te reserveren en betalen

details

1,4 km
1 min - 18:13
Volledige trip: 14 km - 18:14

414m

10

970m

Aangekomen!
Je bestemming ligt aan de rechterkant.

228 kcal | 346 stappen

Bedankt om mee de shift te maken in Antwerpen.

Toevoegen aan favorieten

Geef feedback op de route

Deel deze route

Routeplanner

Favorieten

Mobiliteitskaart

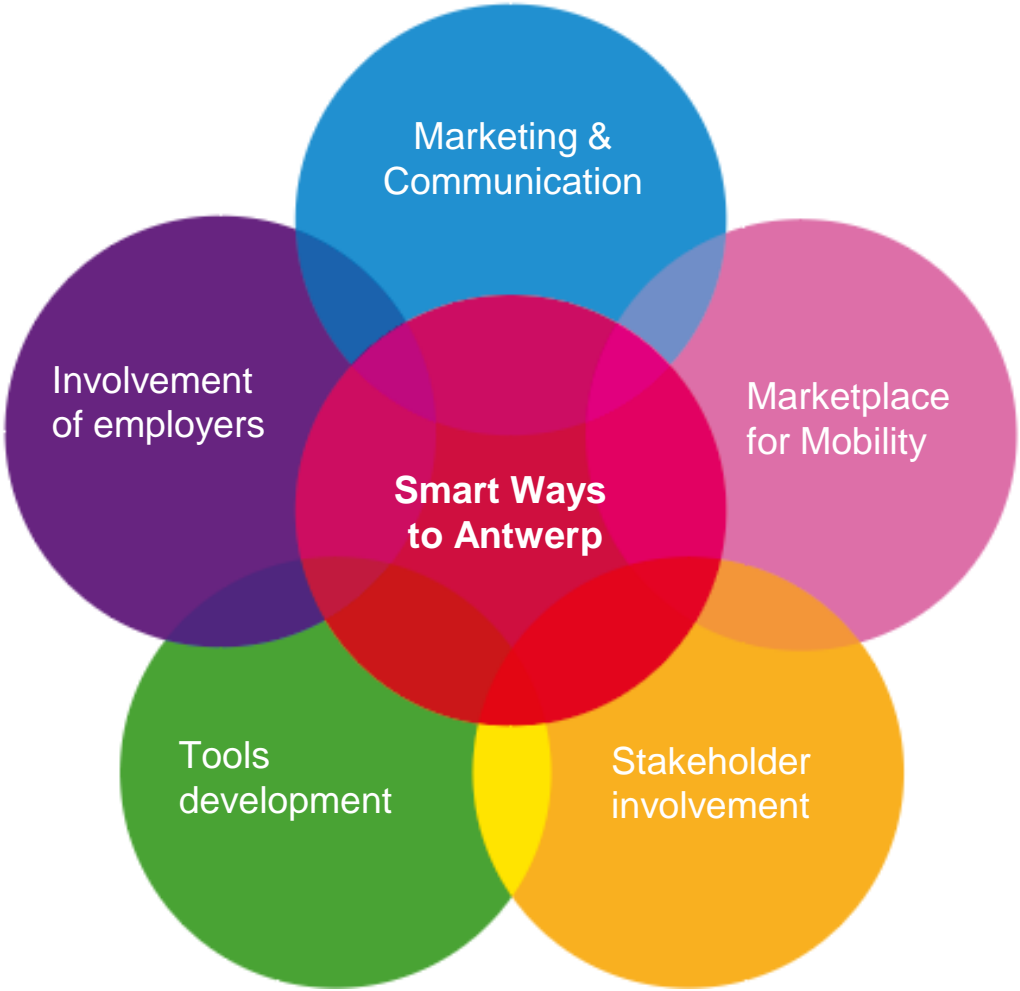
Notificaties

Mijn profiel

A man with a shaved head, wearing a light blue suit jacket, a blue shirt, and a dark red tie, is sitting at a wooden dining table. He is looking towards the camera with a slightly surprised or explanatory expression. On the table in front of him is a silver laptop, a glass of orange juice, a small bowl, and some papers. He is wearing plaid shorts and blue plaid loafers. The table is covered with a green fringed tablecloth. The room has wooden walls and cabinets, a lamp on the left, and a doorway in the background.

One more thing...

Support MaaS not build MaaS







Smart Ways to Antwerp

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Mobility Data & MaaS

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@pomgod

MaaS & data related license requirements for mobility providers

MaaS integration

(Full) integration with at least 3
MaaS-players active in Antwerp
(2 B2C)

Usage/Trip data

Regular reports

Operational data

Product offer & Pricing
Contact information
Real-time availability
Operational zones

