

# BeGeo

27-10-2020

[www.begeo2020.be](http://www.begeo2020.be)

## TMaaS – Geospatial data sources for intelligent traffic management

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**NGI**  
Nationaal  
Geografisch  
Instituut



**IGN**  
Institut  
Géographique  
National

**.AGORIA**  
co-founding partner

# Smart mobility management

- Unraveling the mobility data tangle
- Creating personal, user-friendly dashboards
- Public & private sector
- Improved communication between city and citizens
- Small and medium-sized cities

# Challenges

## Technical

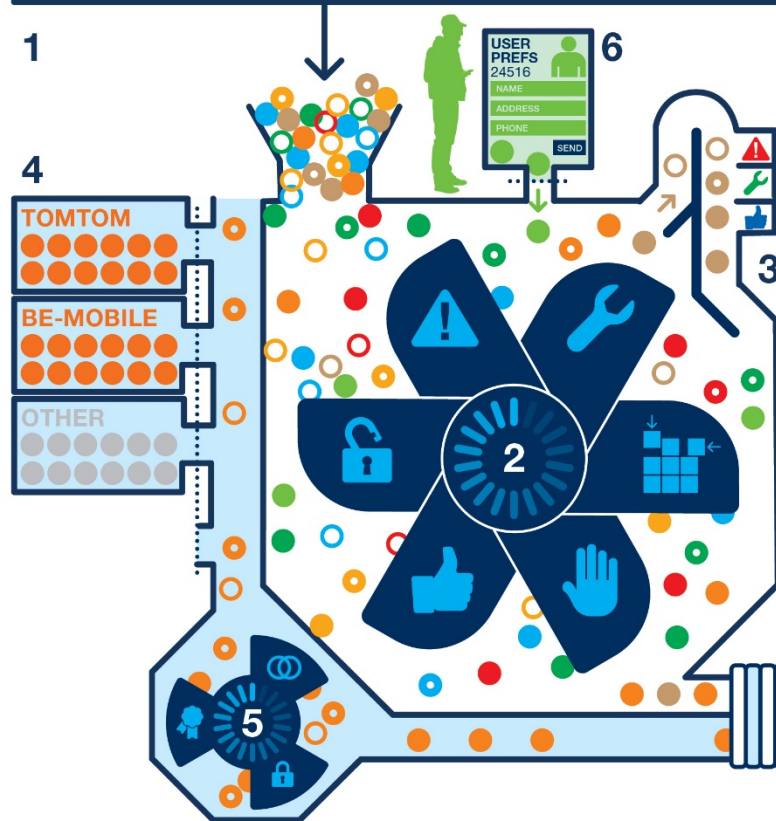
- Neutral framework
- Hybrid data sources
- Data quality assurance

## Organizational

- SMCs
- Multimodality
- Traffic management readiness
- Robust decision support

# THE GHENT CHALLENGE

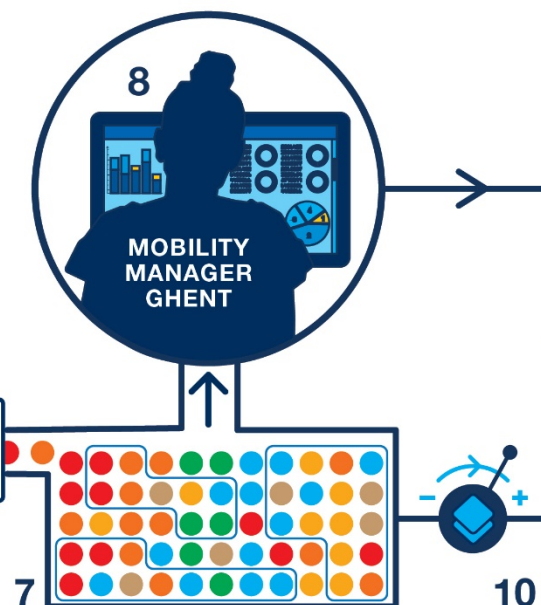
## MAKE CITIZENS CHOOSE SMARTER BEFORE STARTING THEIR TRIP



## LEGENDA

1. DATA TYPES
2. PROCESSING BLOCK
3. CONTROL DASHBOARD
4. PRIVATE PARTNERS
5. NEUTRAL PROCESSING BLOCK
6. USER PREFERENCES
7. AVAILABLE DATA
8. MOBILITY MANAGER GHENT
9. FIELD APPLICATIONS
10. TMAAS API

## TMAAS DASHBOARD FOR GHENT



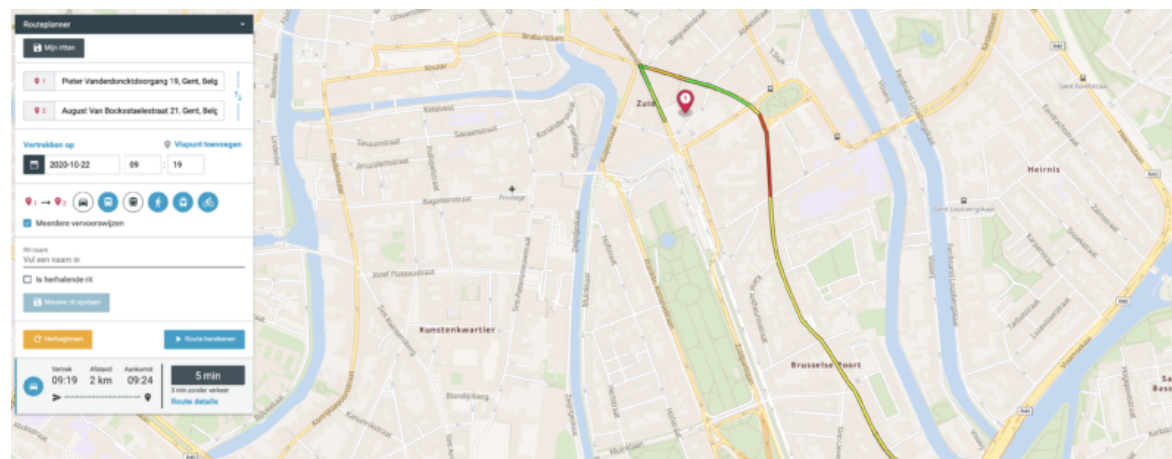
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# Traffic information





# Triggers, notifications & alternatives



noreply@be-mobile.com

(LINK.Gent) Terugweg school naar huis : Geen vertragingen verwacht. 14 min. geschatte reistijd

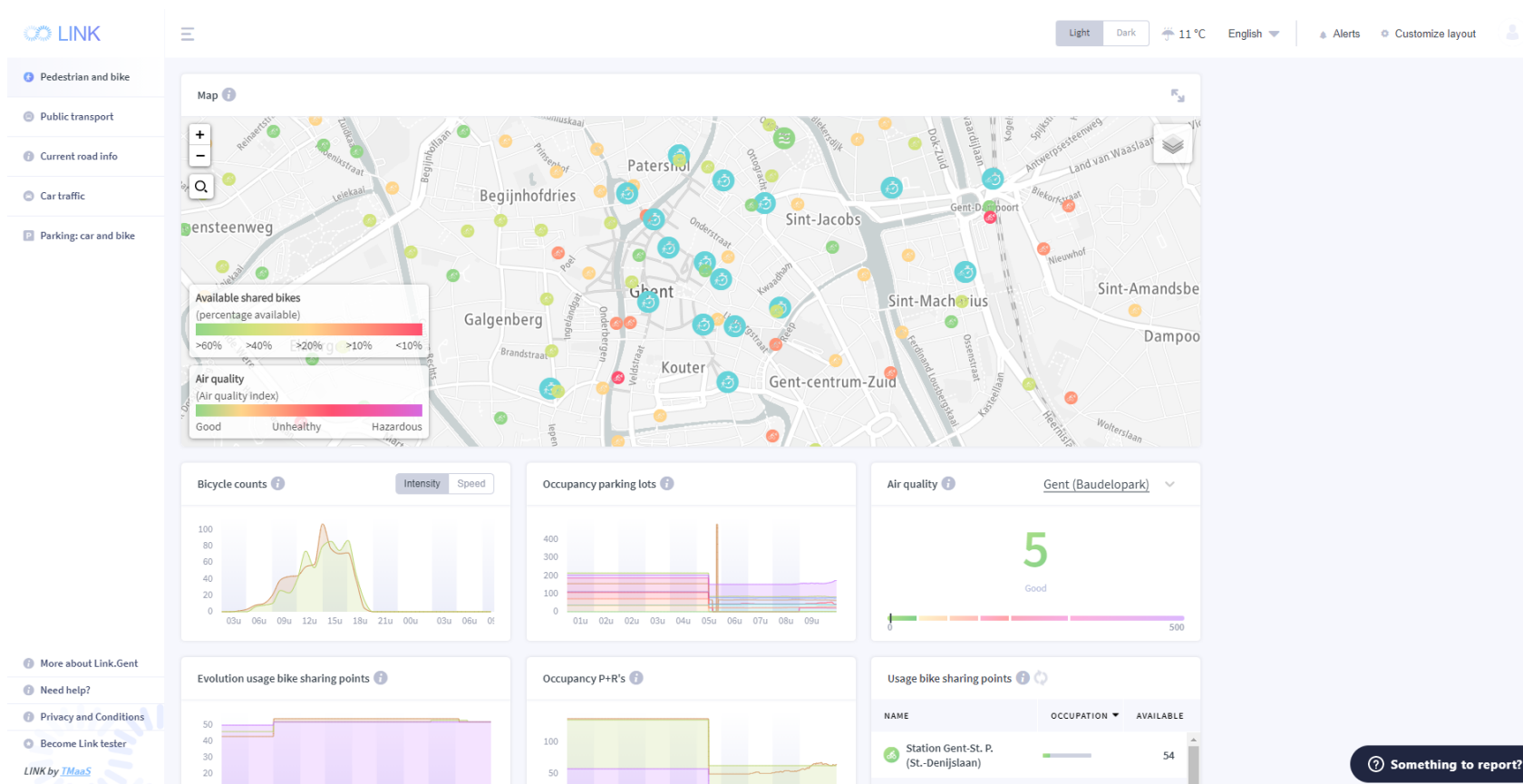
To: Suzanne Tmaas

Prettige reis!

Vriendelijke groeten,  
LINK.Gent

Je krijgt deze email omdat je een gebruikersaccount op LINK.Gent hebt aangemaakt. Wil je deze meldingen niet meer ontvangen? Open dan de instellingen in je account op LINK.Gent en zet de meldingen uit.

# Dashboard



# Mobility profiling



You have been profiled as a car contemplator

# BeGeo

Step (2/2)

[Visit our dashboard immediately](#)

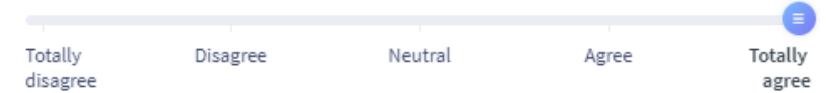
Have you driven a car in the past 12 months?

✓ Yes

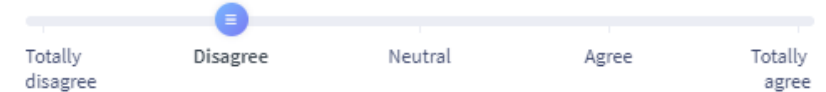
✗ No

To what extent do you agree with the following statements?

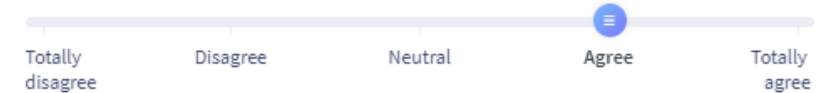
For most journeys, I would rather use the car than any other form of transport



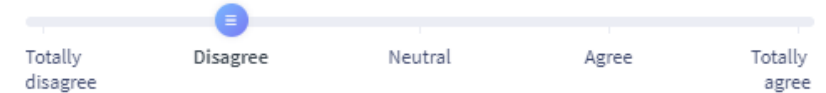
I like to drive a car just for the fun of it



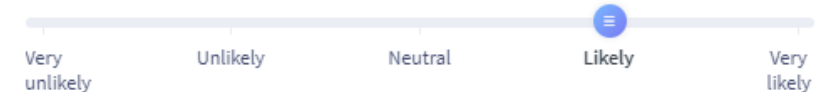
I am not interested in reducing my car use



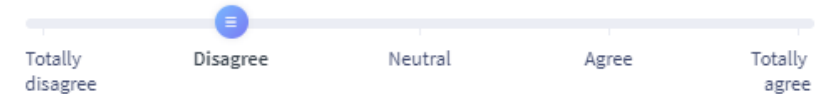
Driving gives me a way to express myself



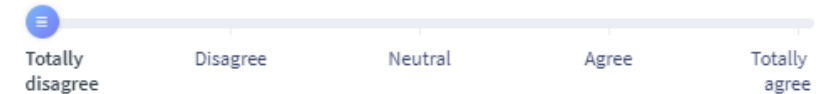
How likely are you to drive a car in the next 12 months?



I don't like riding a bicycle



I feel I should cycle more to keep fit



I find cycling stressful/dangerous



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[Save profile >](#)



# Antwerp, Belgium

## Integrate Slim naar Antwerpen

- Triggers and notifications
- From SnA routeplanner to TMaaS alternatives calculator



# Durán, Ecuador

## Monitoring bus services

- Quality of service
- Fleet monitoring
  - Is the frequency high enough?
  - Where do buses stop frequently?
  - Are they stuck in traffic jams?



# Southwark, UK

## Real-time traffic monitoring

- Major traffic arteries
- Monitoring required

=> real-time monitoring dashboard

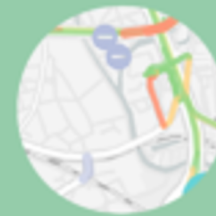




# WAT VIND JIJ VAN LINK.GENT

>> schrijf je in voor het  
gebruikersonderzoek

beta.LINK.gent



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## Questions?

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