

Province of Antwerp – partner for your mobility project

Horizon Europe – Cluster 5

Province of Antwerp

- Regional authority in the North of Belgium
- 1.8 million inhabitants
- 2,867 km²
- 68 cities and municipalities
- Port of Antwerp, second largest Europe
- Policy areas: climate, biodiversity, environment, energy, mobility, heritage, tourism, education, agriculture,
- Experience in Horizon Europe, LIFE, COSME, Erasmus+ and many Interreg programmes



Mobility department

Our goal within the Mobility Department is to stimulate **safe, sustainable and healthy transport modes** by building Cycle Highways, funding cycle infrastructure and using digital solutions such as big data and crowd sourced data. With our program 'the road to a traffic-safe community' we support our goal to have no more deadly accidents in the Province of Antwerp. We strive to implement a co-created road-safety and cycle policy for all citizens.

Focus areas:

- Cycling infrastructure and highways
- Big data on infrastructure, accidents and cyclists
- Mobility support for businesses
- Large scale mobility visions
- Traffic safe municipalities

Cycling infrastructure and highways



- Cycle network with **more than 4.000 km cycle routes** including **23 cycle highways** between the greater cities in and round the Province of Antwerp
- The province of Antwerp is the **leading Belgian constructor of cycle highways**. In 2001 a complete cycle network was designed. In 2009 the provincie Antwerpen started to build the first cycle highway.
- Team of 14 staff members work fulltime on the realisation of the cycle highway network as well as supporting local authorities with planning the construction of cycle routes on the network.

Big Data on infrastructure, accidents and cyclists



- 4000km bicycle network have been inventoried in detail: **3799 crossroads** and **1431 locations** with comfort problems are **registered** in detail.
- >200 locations the number of cyclists were automatically detected
- +20 locations **permanent cycle counters** register every cyclist 24/7 since 10 years
- Aggregated **accident information** and the user experience for over 6.000 cyclists is available

This data is analysed in order to make the functional cycle network safer and to support other governments on evaluating cycle policy and cycle networks.

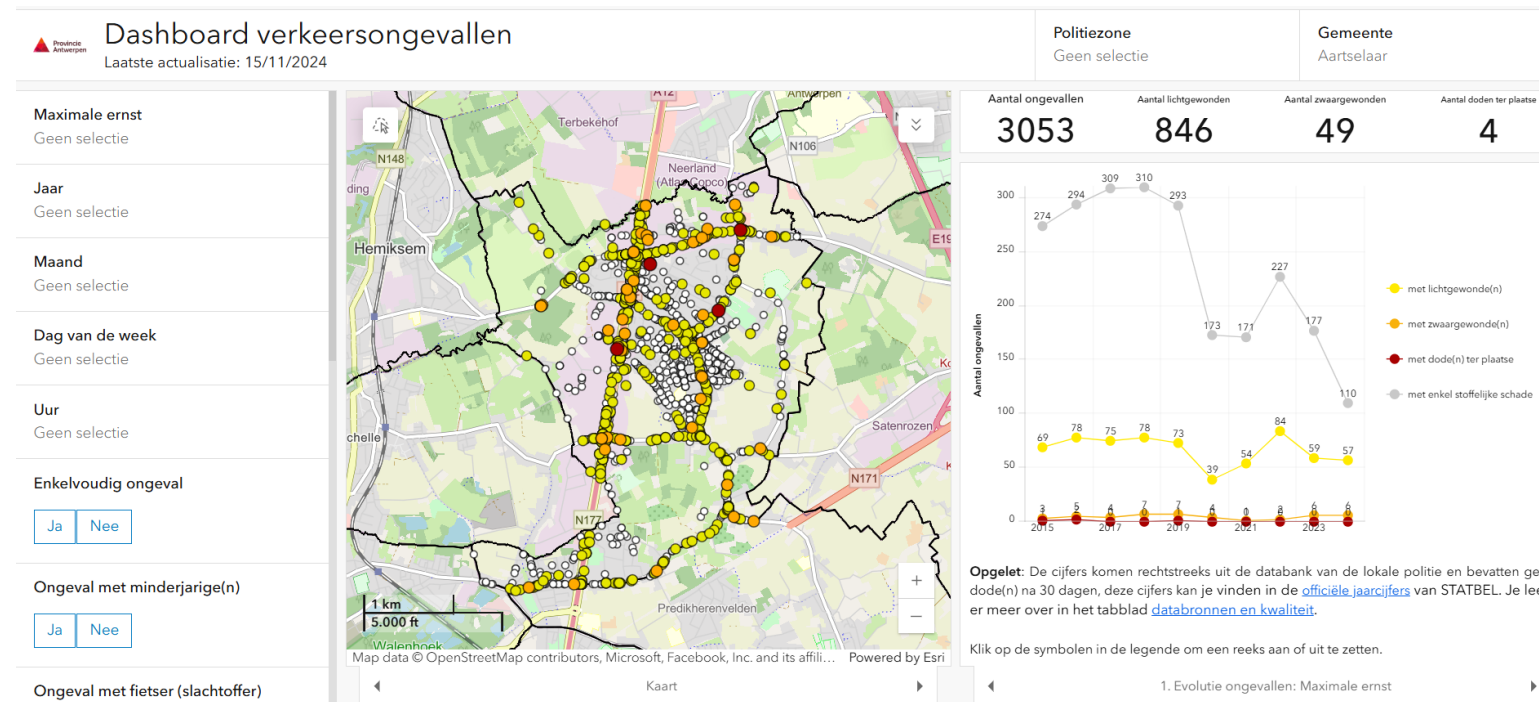


Fietsbarometer

Check online!

Accidents Dashboard

Through our **cooperation with the police departments** in our region we receive a monthly update of accidentdata (anonymously). Municipalities, Research Institutes, citizens and other stakeholders get direct acces to recent data for their municipality, project,... With filters and graphics the data is easy to interpret for non-experts.



Mobility support for businesses



- **Free analysis and support for employers** on sustainable planning of commuting of employees.
- How to **orchestrate different transportmodes** around the business area.
- **Digital system 'Mobiscan'** for traffic orchestration based on adress of a company, school,...
- The outcome is an actionplan for the company/school/...

Large scale mobility visions and plans



- **Large scale mobility visions and plans** for areas of e.g. 10 municipalities
- Road safety focus on **active transport** and **heavy traffic** because of the large safety risk
- **Tool in development** to simulate impact on all traffic modes when a certain measurement is taken (e.g. zone 30, one-direction,...)

Traffic safe municipalities

!Nominated for the European Excellence in Road Safety Awards 2023!
!Nominated for the Flemish Traffic Safety Award 2024!

No more road casualties in the province of Antwerp by contributing to a traffic-safe community, bringing knowledge and insight to **local authorities and local police**, helping municipalities to set up and implement a **high-quality road safety policy**, creating a sustainable co-operation on the long term.

High-quality road safety policy working on the 5 E's of road safety translated in an **action plan for every municipality**.

Within the programme direct access to the accident data in het police database is established. This data combined with all cycle and mobility data of the Cycle Barometer of the province of Antwerp gives us an unique position to analyse data and realize concrete measures on the roads.



Past/current EU projects

- Civitas Portis (H2020)
- Scale Up (H2020)
- BITS (Interreg NSR)
- CHIPS (Interreg NWE)
- Megabits (Interreg NWE)

Horizon 2025 calls – Destination 6

- HORIZON-CL5-2025-04-D6-04: integration of human driving behaviour in the validation of CCAM systems
- HORIZON-CL5-2025-04-D6-07: Innovative construction and maintenance, with the use of new materials and techniques, for resilient and sustainable transport infrastructure
- HORIZON-CL5-2025-04-D6-12: Safety of cyclists, Pedestrians and Users of Micromobility Devices
- HORIZON-CL5-2025-04-D6-13: Predicting and avoiding road crashes based on Artificial Intelligence (AI) and big data

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EU Funding Team