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Big Data on Cycling for safety / behaviour projects

Tina Caers – Province of Antwerp





Province of Antwerp



The province
of Antwerp

- Regional Authority in the North of Belgium
- Department of Mobility
- Expertise:
 - Collecting and analyzing cycle data
 - Cycle policy
 - Traffic science
 - Building Cycle Highways
 - H2020: CIVITAS Portis



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Bicycle Barometer

- >3000 km supralocal bicycle route
- 200 locations automatic cycle detection
- 18 permanent cycle count register 24/7
- >6000 cyclist surveys on user experience
- Data available in open platform
- <https://www.youtube.com/watch?v=bANKQ0FBLWg>





Project idea – human factors in transport safety

MG-2-1-2018: Human factors in transport safety

Partners:

- Province of Antwerp (Be)
- University of Bologna (It)

Partners looked for:

- Research institutes, public transport operators, Automobile sector,...
- Neighbouring countries: France, Netherlands, Germany, Spain,...



Project idea – open science platform on cycling

MG-4-2-2018: Building open science platforms in transport research

Consortium in Belgium:

- European cyclists federation
- University of Ghent
- KU Leuven
- VITO
- Association of Flemish cities and municipalities

Partners looked for:

- research and data on cycling
- big data science: data infrastructure and open science clouds
- privacy and regulation issues



Other calls we are interested in:

- MG-1-2-2018: Sustainable multi-modal inter-urban transport, regional mobility and spatial planning
- MG-4-3-2018: Demographic change and participation of women in transport
- MG-2-7-2019: Safety in an evolving road mobility environment



Thank you!

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