

Crazy about
(OpenStreet)Mapping

Who am I?

- Pieter Vander Vennet
- Studied informatics
- Heavy OSM-contributor
- Bit crazy about mapping and OSM...
- ... I'll tell you why



What is OpenStreetMap?

BeCentral

Go



Search Results



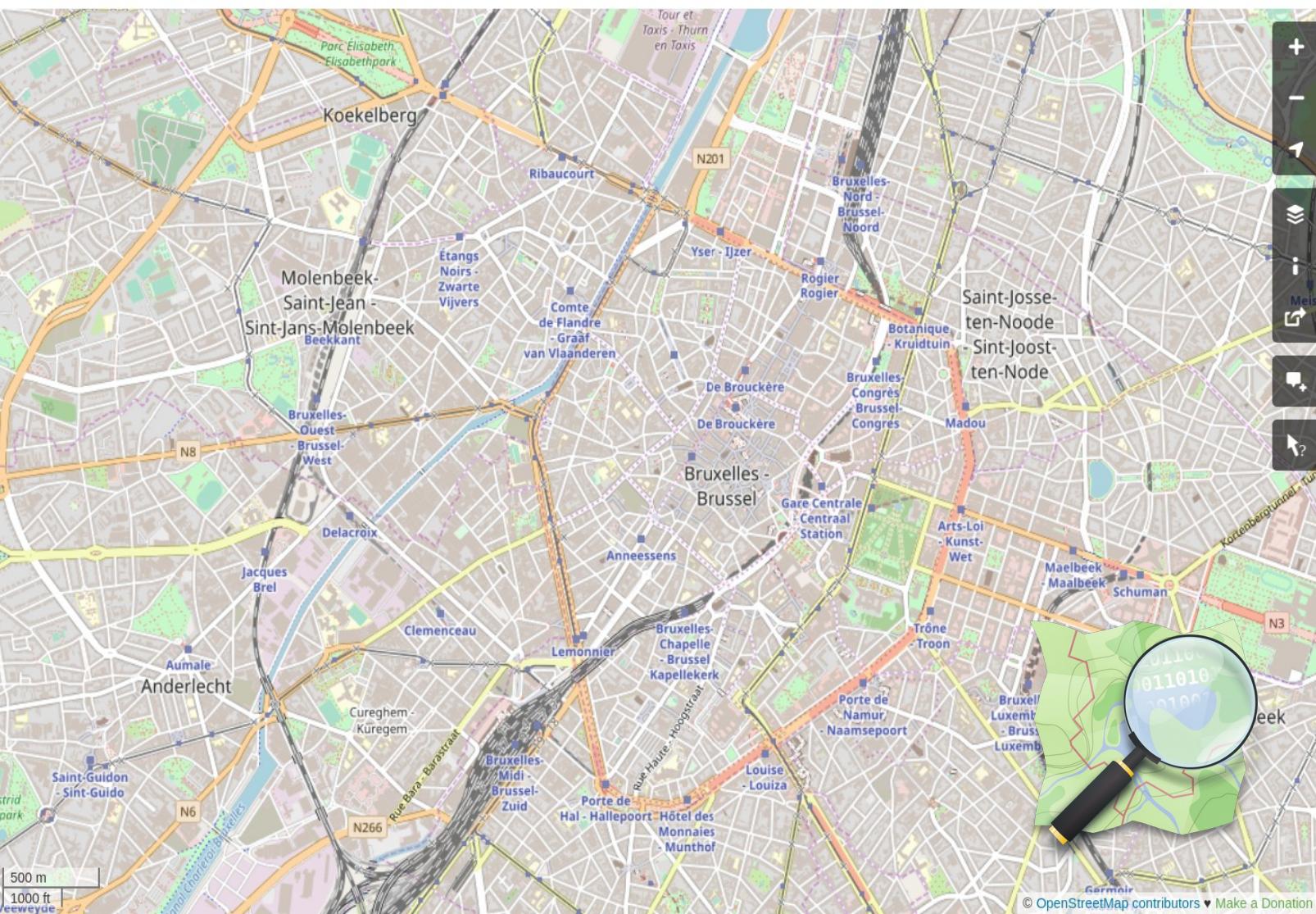
Results from OpenStreetMap Nominatim

Coworking space BeCentral, 10, Cantersteen - Kantersteen, Quartier du Centre - Centrumwijk, Brussels, Ville de Bruxelles - Stad Brussel, Brussels-Capital, 1000, Belgium

[More results](#)

Results from GeoNames

No results found



9, Elf-Julistraat, Brugge-Centrum, Brugge, Bru

Station Brugge, Stationsplein, Brugge-Centrum

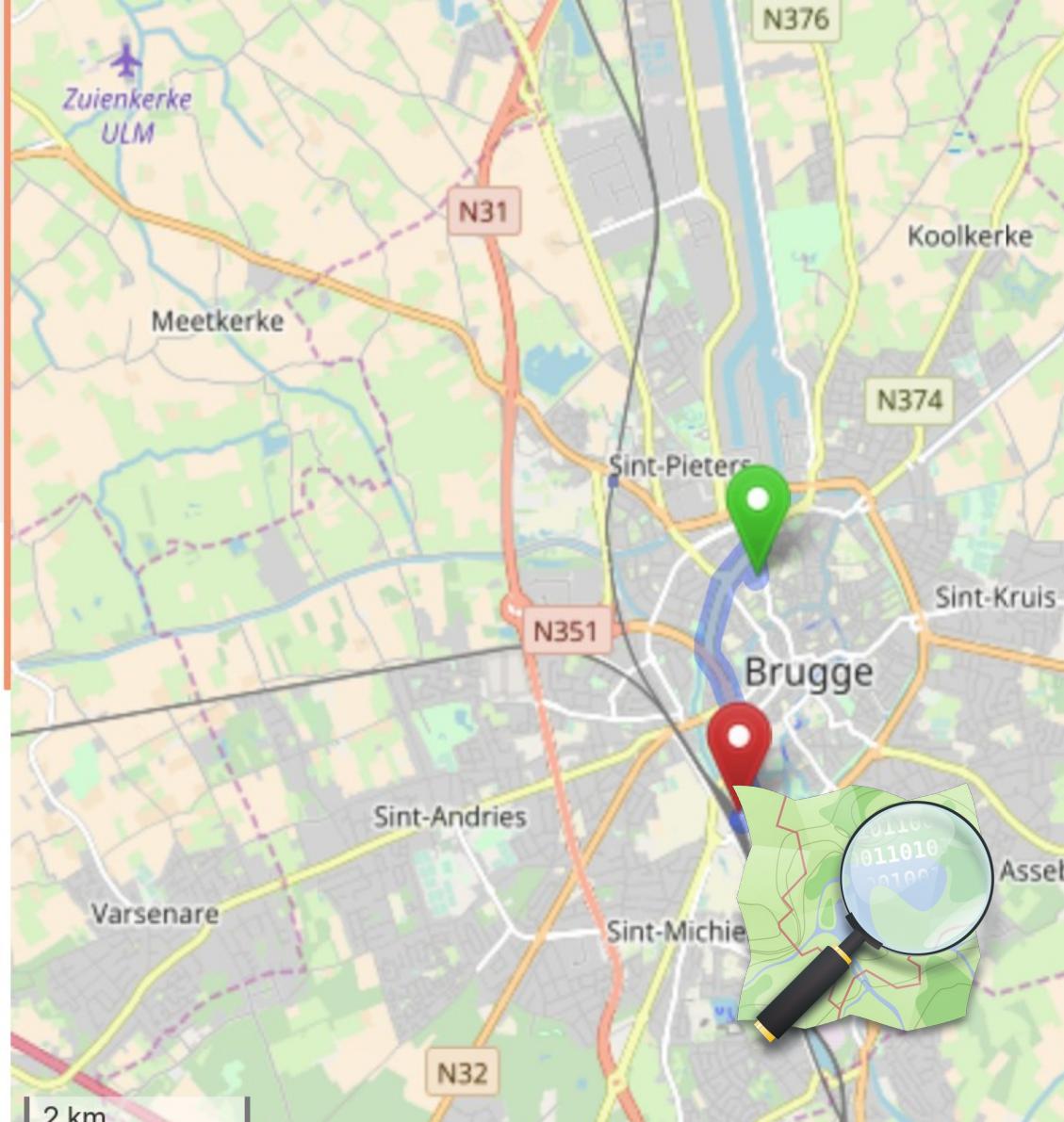
Car (OSRM)

[Reverse Directions](#)

Directions

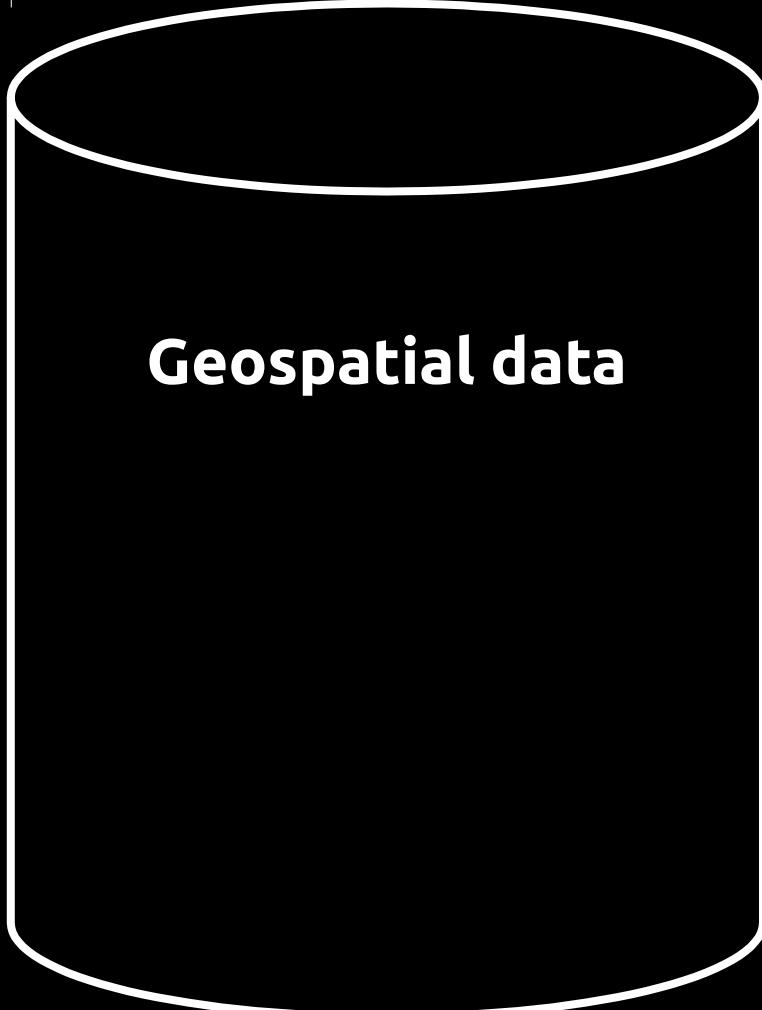
Distance: 3.1km. Time: 0:08.

- ↑ 1. Start on **Elf-Julistraat** 180m
- ↗ 2. Turn right onto **Koningin Elisabethlaan (R30)** 130m
- ↙ 3. U-turn along **Koningin Elisabethlaan** 400m
- ↑ 4. Continue on **Gulden-Vlieslaan (R30)** 700m





What is OpenStreetMap?



Geospatial data

Geospatial data

Lines and dots

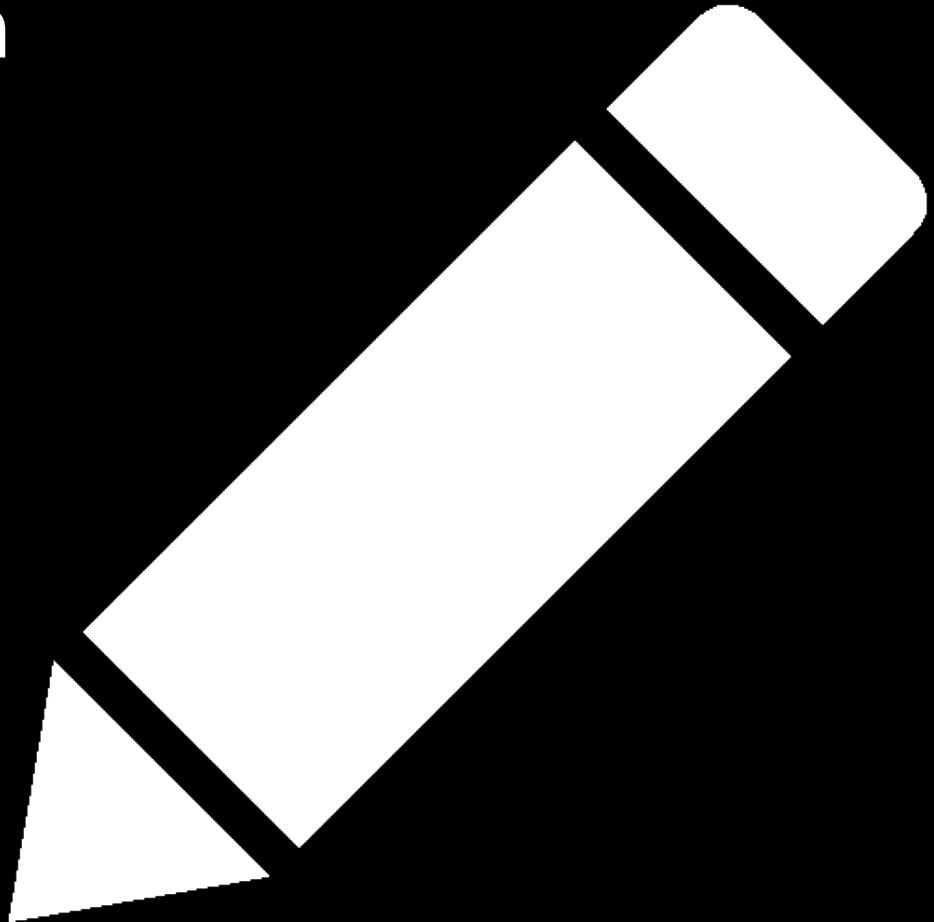
+

Some information
on each line and dot



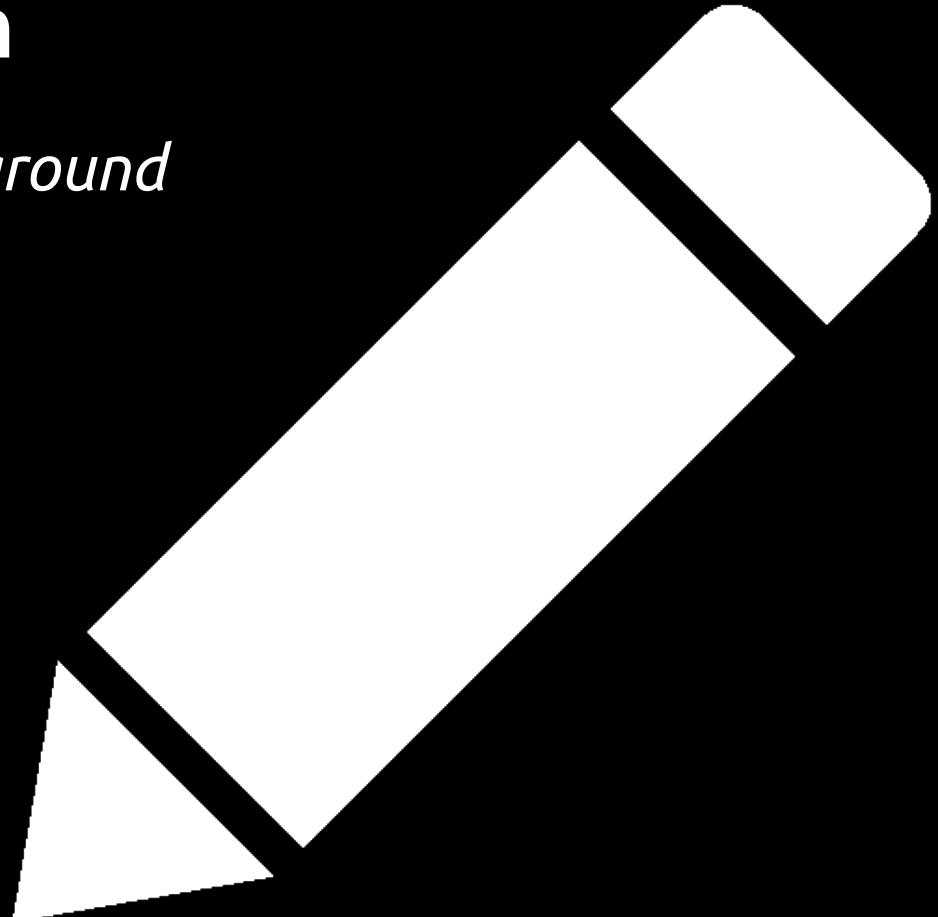
What is OpenStreetMap?

Freedom to add data



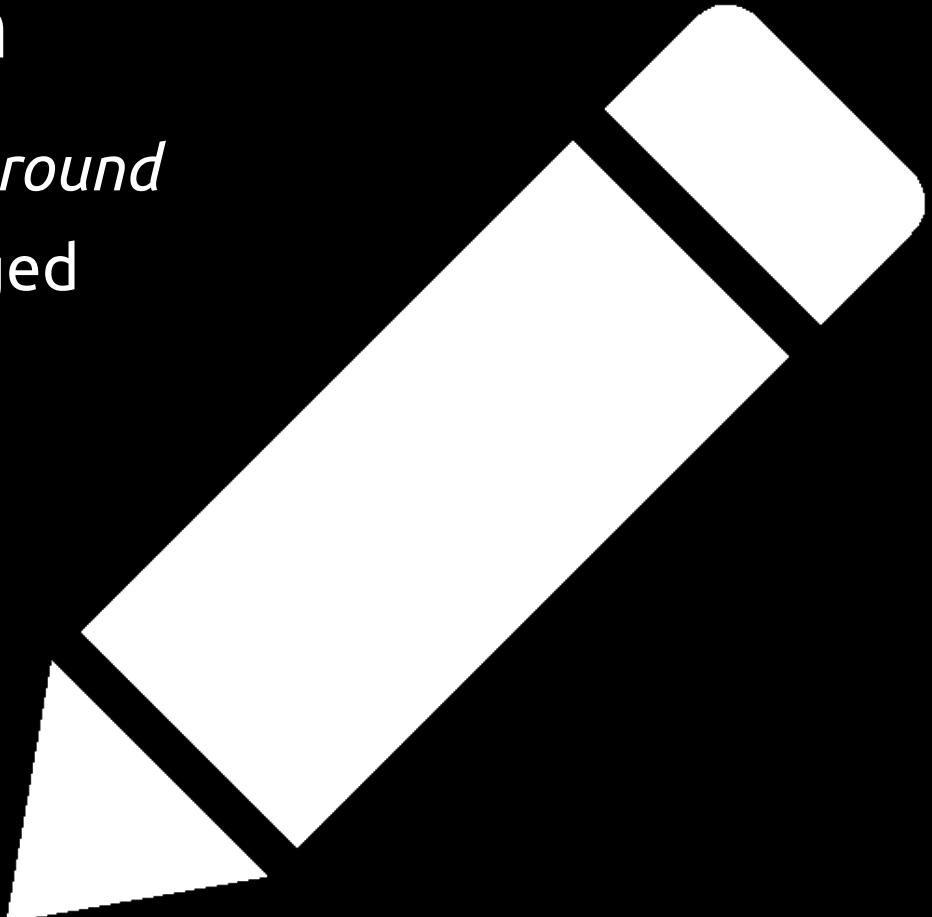
Freedom to add data

- As long as it is *verifiable on the ground*



Freedom to add data

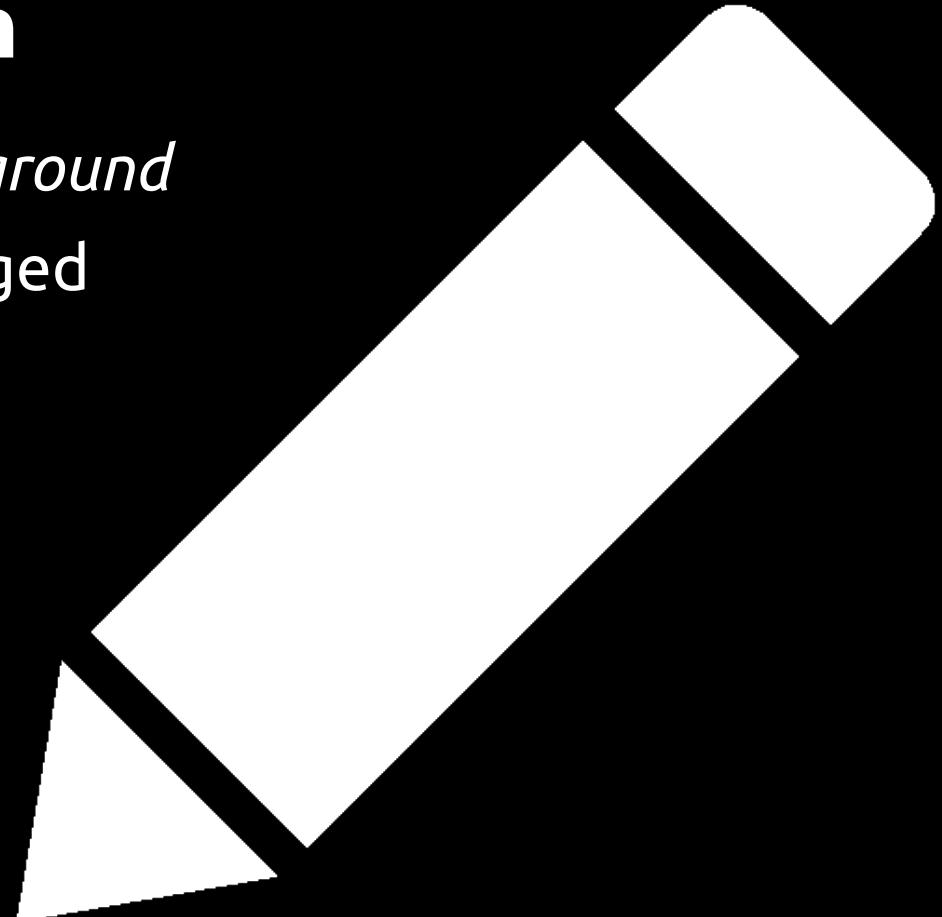
- As long as it is *verifiable on the ground*
- As long as no *copyright* is infringed



Freedom to add data

- As long as it is *verifiable on the ground*
- As long as no *copyright* is infringed

Go add your specific needs!



BeCentral

Go



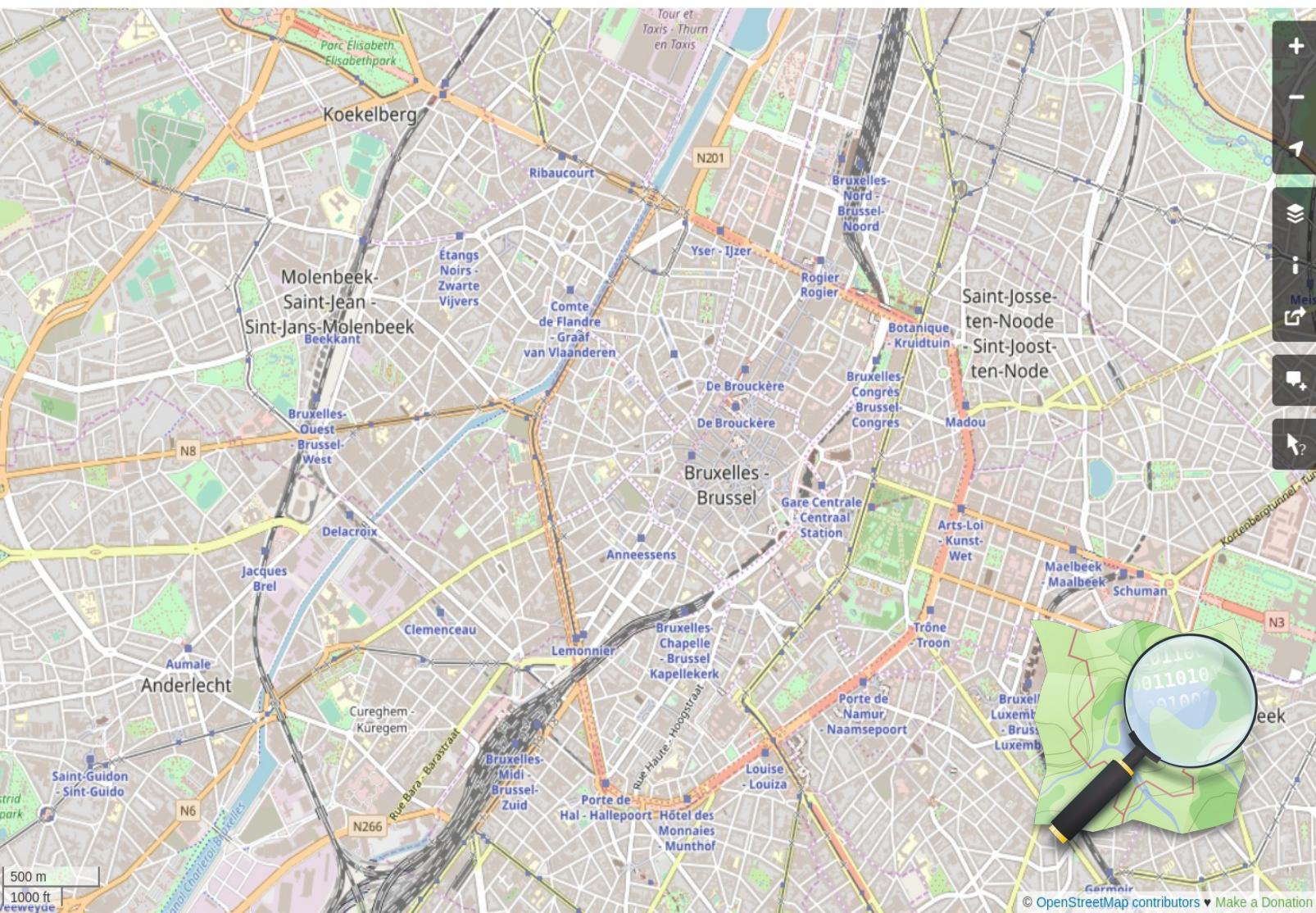
Search Results

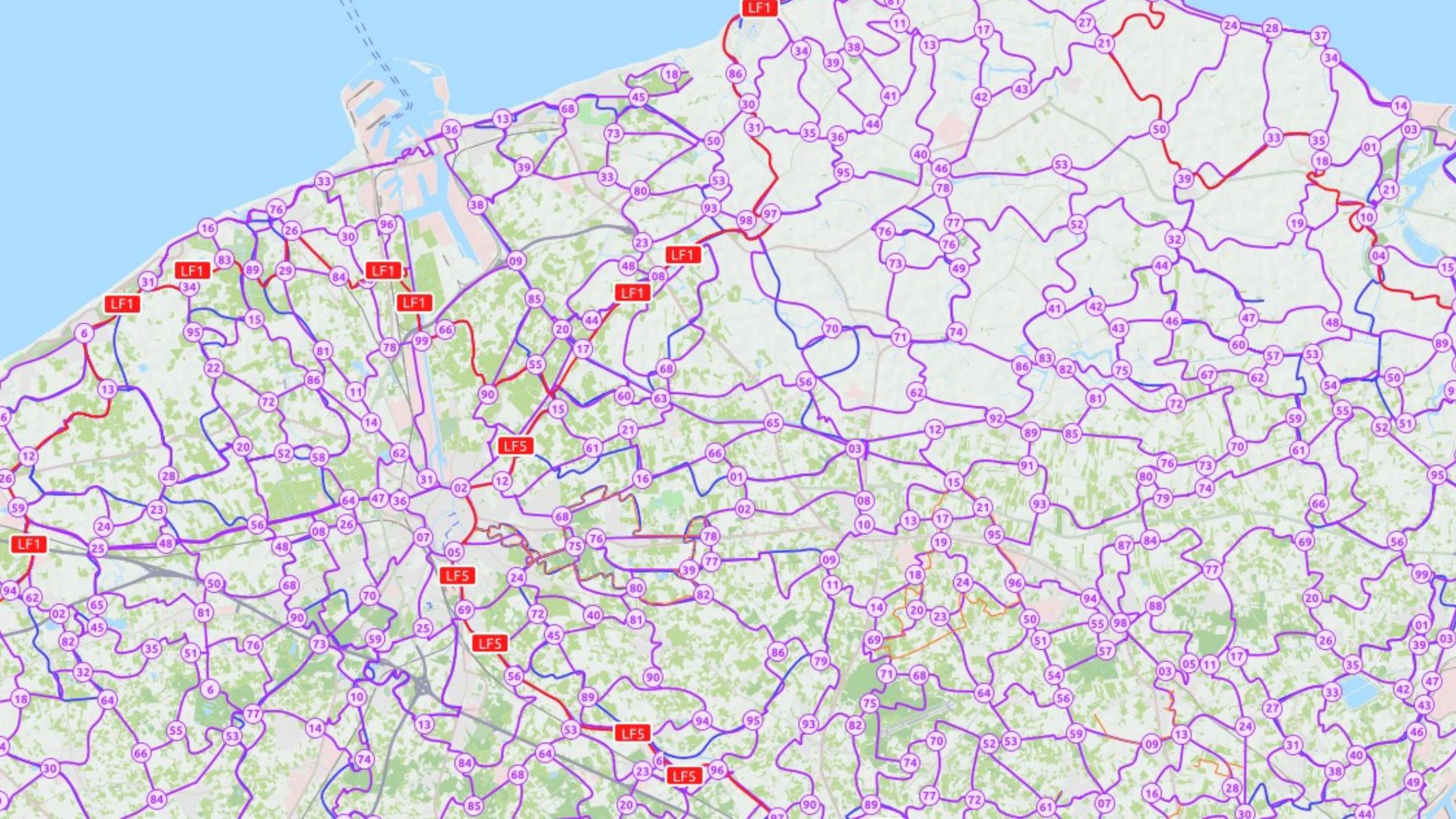
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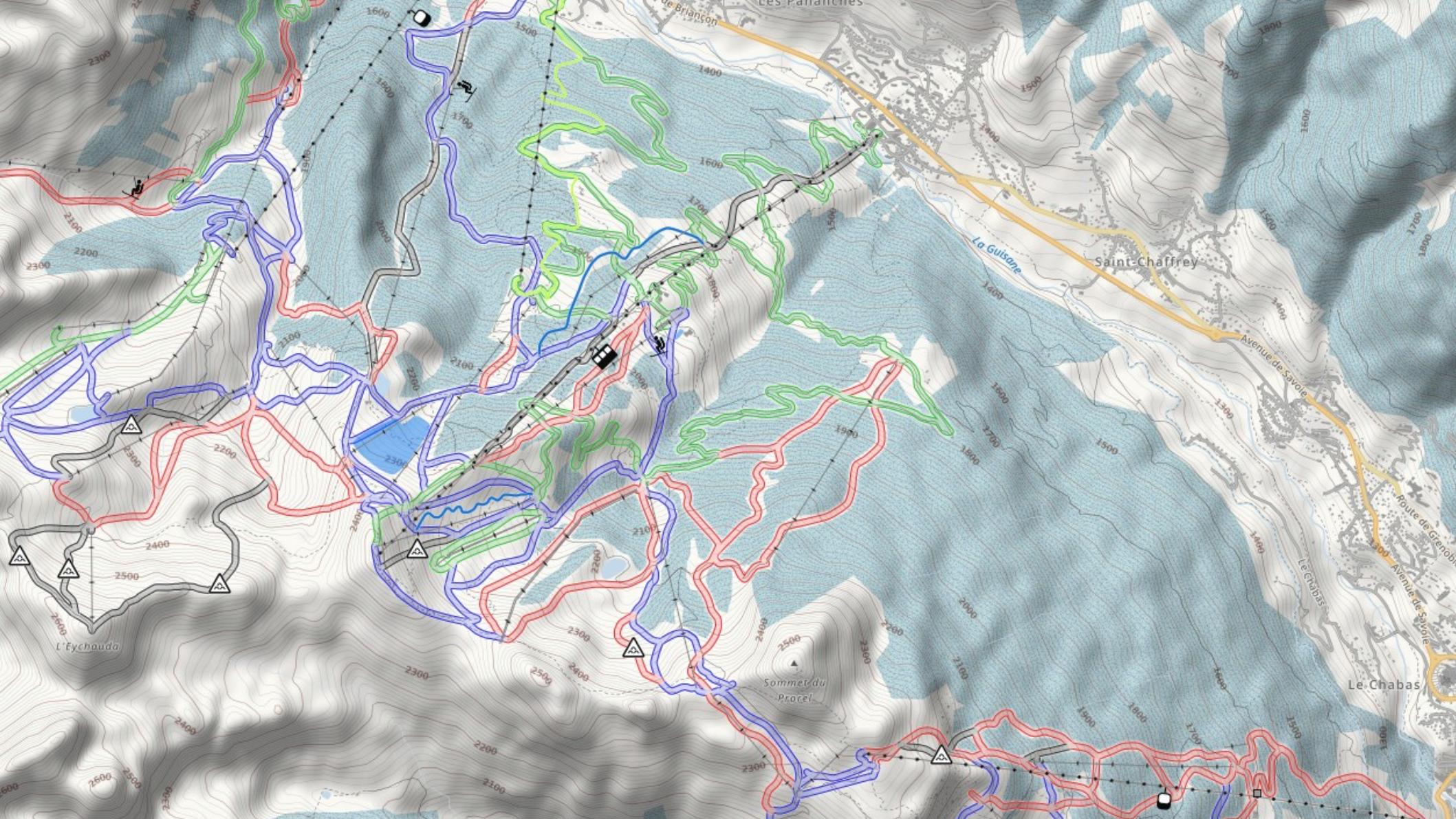




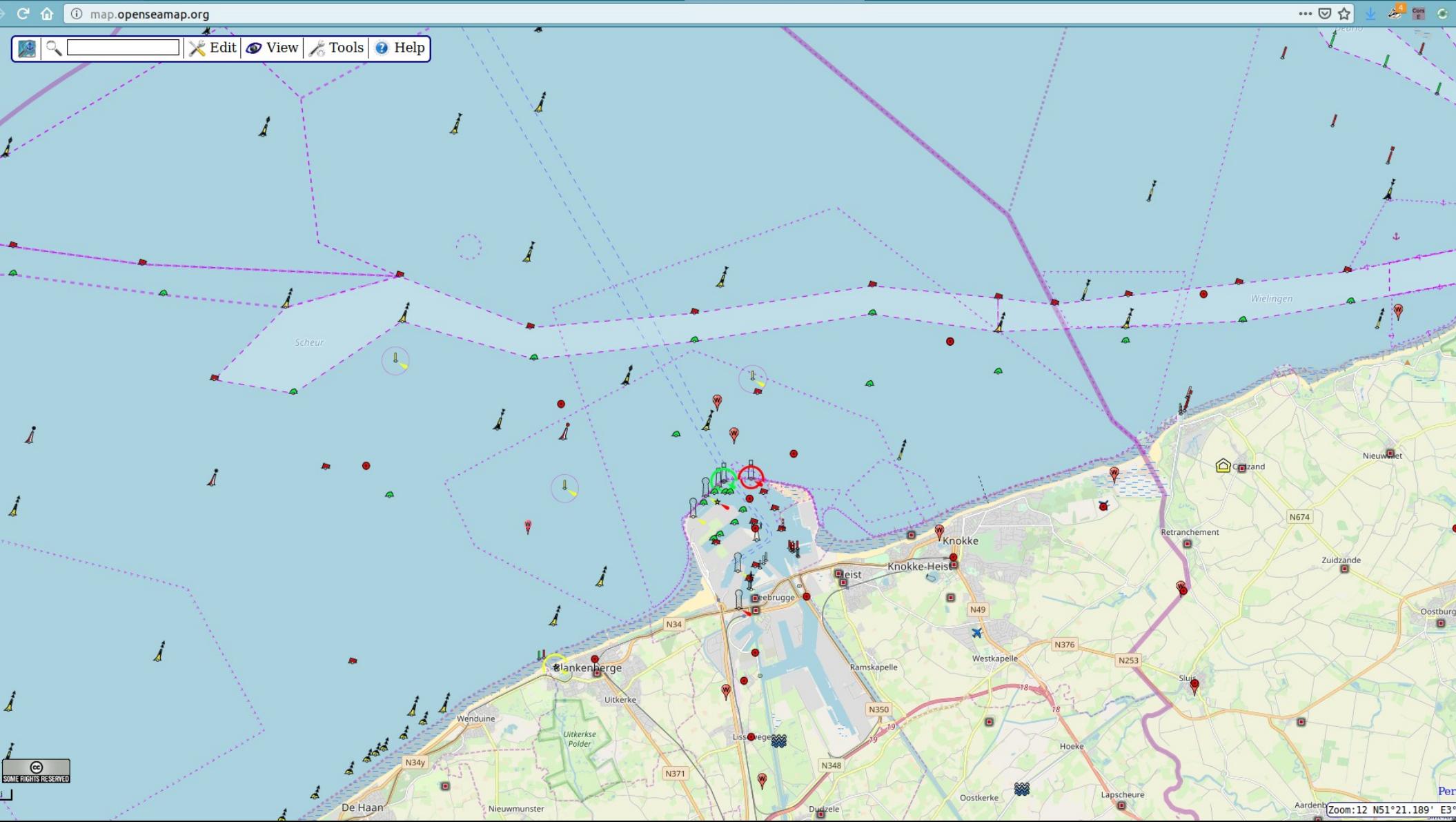


200 m

Leaflet © OpenStreetMap contributors Data:ODbL, Map:cc-by-sa











MEDECINS SANS FRONTIERES
DOCTORS WITHOUT BORDERS





Instructions

Entities to map

Buildings and Roads

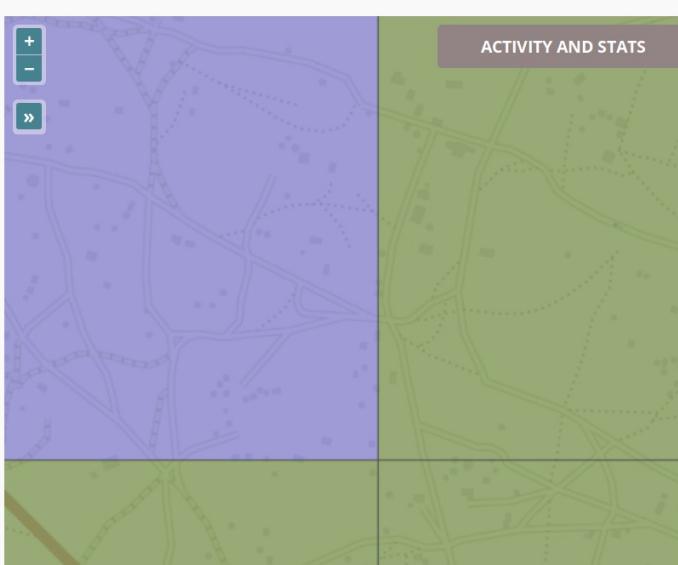
Changeset Comment

#hotosm-project-4341 #MissingMaps #EliminateMalaria #Botswana

Imagery Notes

- Please use Bing Aerial Imagery, which is the newest available imagery.
- Align buildings/infrastructure to the imagery in each task. In some cases, you may move mapped objects to match up other mapping done in the near by areas.

Project Specific Mapping Notes





What is OpenStreetMap?

Saving lives

Come to the national mapathon

- Organized in a Belgian university close to you
- Different dates for each university (26,27 or 29 of March)

Osm.be/calendar

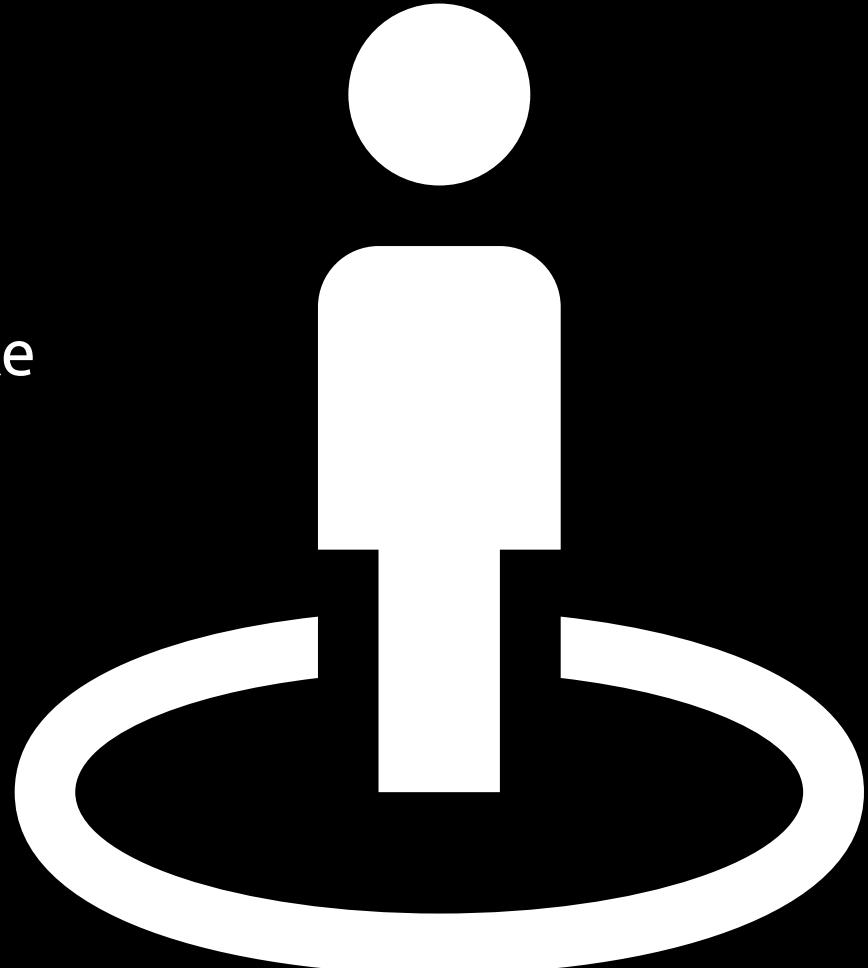


What is OpenStreetMap?

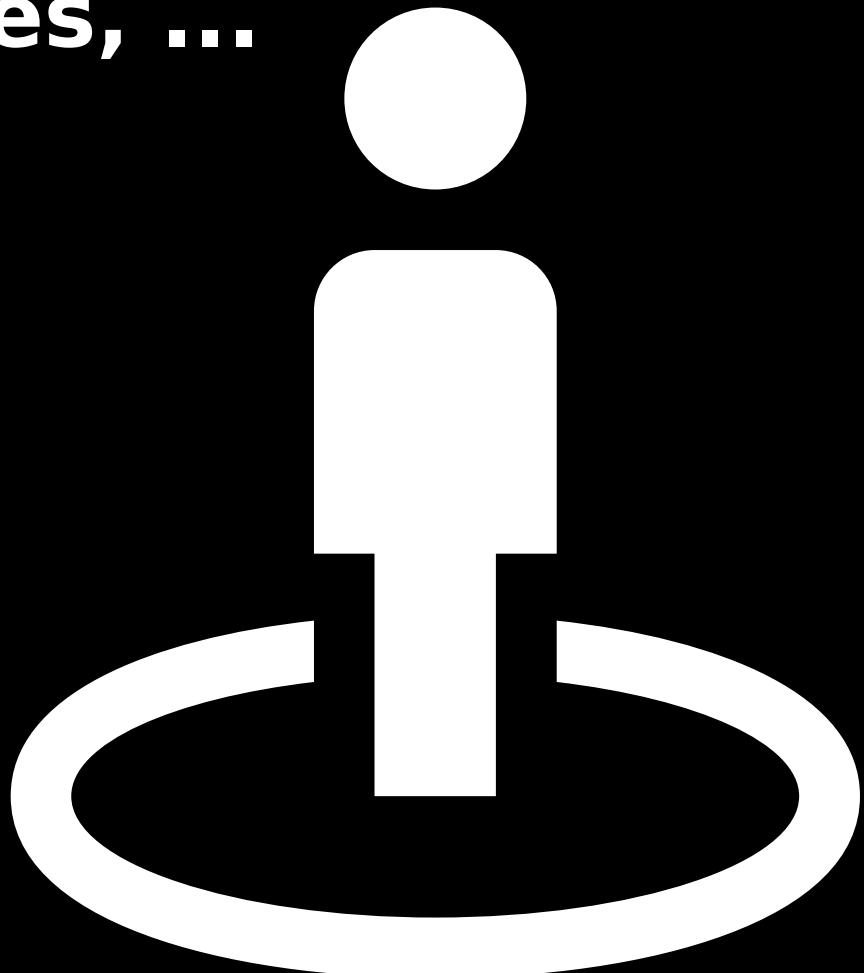
A license: ODbL

Open Database License

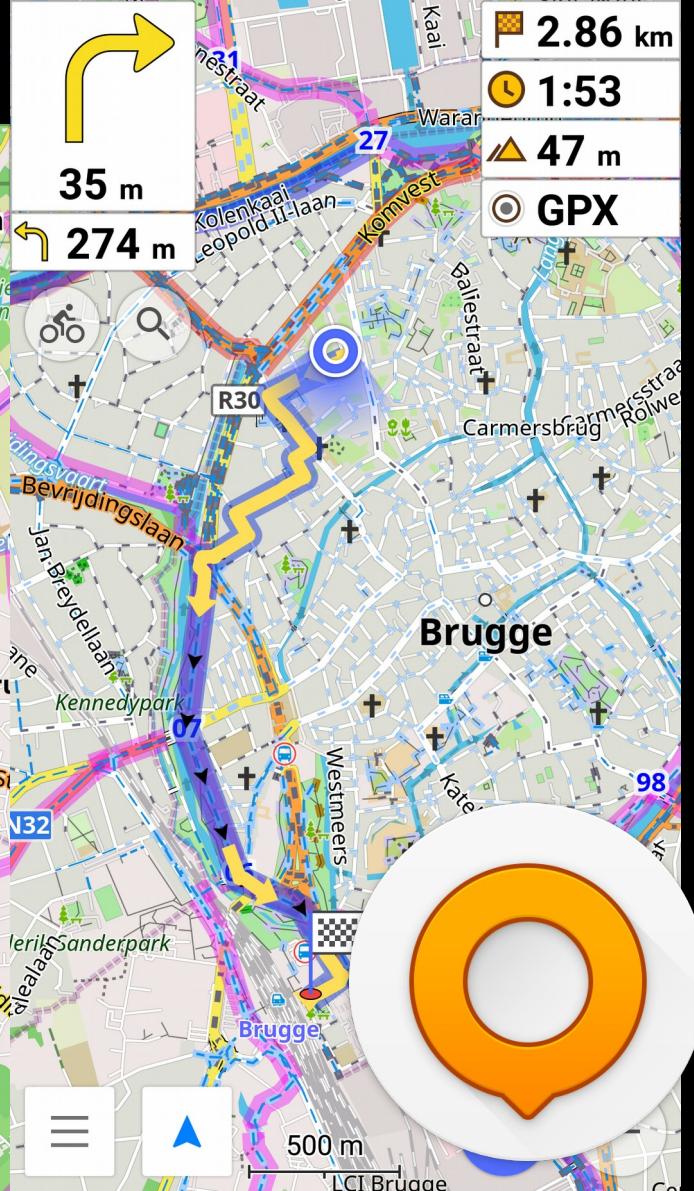
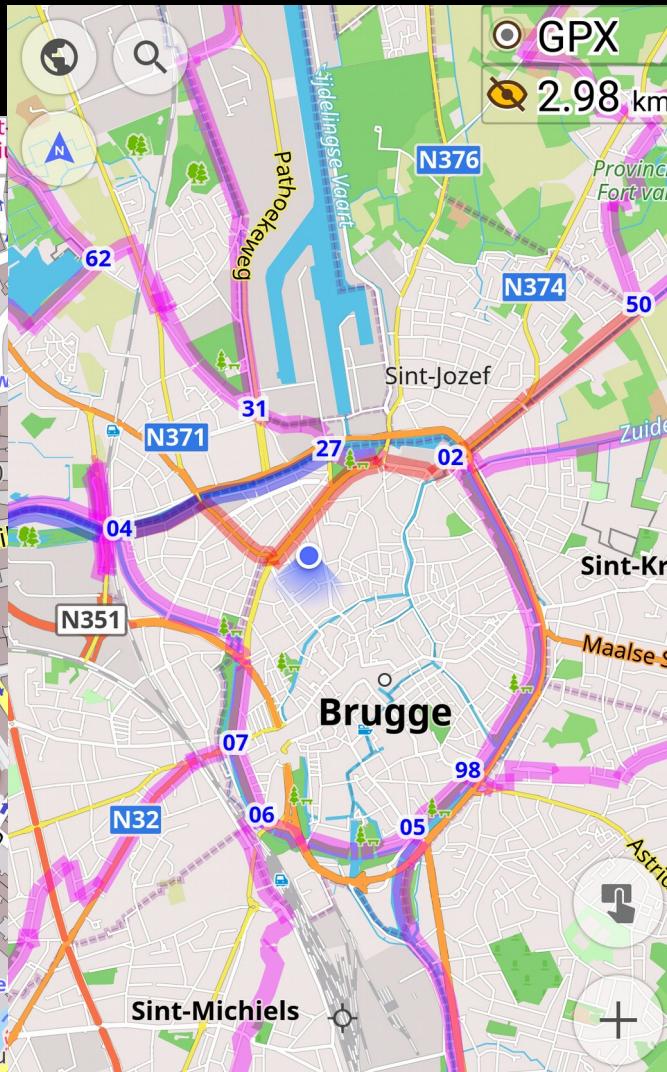
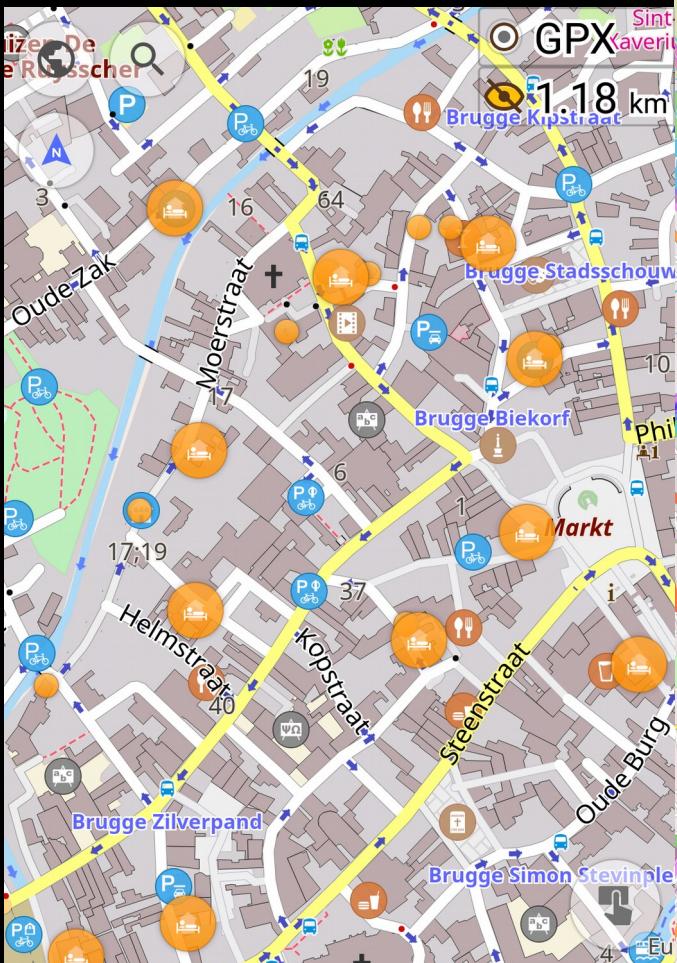
You can use the data how you like
as long as you give **attribution**
and keep the data open



Tons of apps, websites, ...



OsmAnd



Rode Dopheidereservaat

3.87 hectare -- beheer door Natuurpunt Brugge

Conservator is Karim Neirynck, telefoonnummer is +32 50 67 59 29, email is karim.neirynck@gmail.com

Enkel toegankelijk met een gids of tijdens activiteiten

Beschrijving: Waardevol heidegebied

Op wikipedia

► Aan de andere kant van de autostrade ligt ook een heideveld op Domein Beisbroek. De gebieden worden soms verward

Het Rode Dopheidereservaat is een natuurreservaat tussen Brugge en Zedelgem. Het wordt van Domein Tudor gescheiden door de A10. Het natuurgebied bestaat uit verschillende percelen naast de autostrade. Het oudste deel bestaat uit heide waar de Rode Dopheide nog voorkomt, de andere percelen bestaan uit bos.

Geschiedenis

Rond 1775 was de regio, samen met domein "Den Beysbroeck" in handen van de Sint-Andriesabdij. Het stuk waar nu het Rode Dopheidereservaat is, was toen deel van het 'Panneelveld', een mengeling van heide en hakhout.

Onder het Franse bewind vanaf 1794 werden verschillende kerkelijke goederen geconfisqueerd, waardoor dit gebied in handen van adellijke families kwam. Zij bebosten het gebied ter ontginding.

Het gebied blijft bebost tot 1960. Voor waterwinning worden er boorputten aangelegd, waardoor het dennenbestand wordt verduld.

Het Rode Dopheidereservaat vormt een restant van het zgn. Panneelveld, dat deel uitmaakte van het St. Andriesveld. Rond 1775 bestond het Panneelveld uit een mengeling van heide en hakhout. Het was samen

Leaflet Map Data and background © OpenStreetMap | Teksten Wikipedia



Search a place...



Brugge Plus vzw

ADMB

Christus Koningkerk

weggegewinkel

gebouw La Flandre

ch

Acasa

Diephuis

Huize Sint-Clara

Huize Sint-Clara

Huize Sint-Clara

Reite

otheek Vande Ginste

Godshuis Onze-Lieve-Vrouw Bijstand

Klooster van de Paters Karmelieten

Snuffel

Weylerkazerne

Middenschool Brugge-Centrum

Basisschool De Springplank

Turnzaal Howest

Miraya

Engelandale

Sic. Logopedie Sigrid Van Impe

Windroos VZW

CAW noord west vlaanderen

Crelan

Lucky's PC

Sint-Clarastr



Search a place...



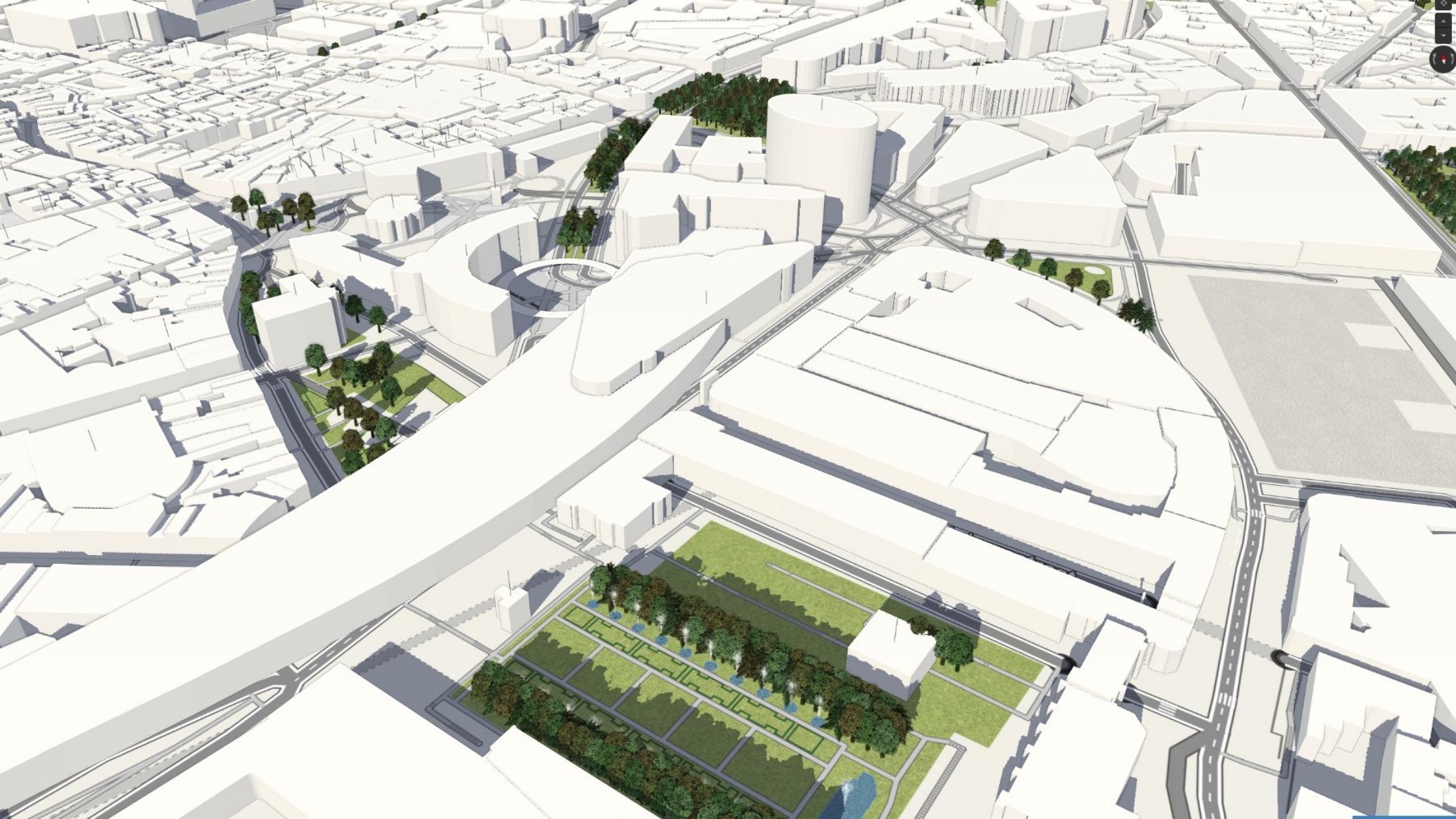
3D



[Discover our solutions](#)

10m

F4map © F4 Map data © OpenStreetMap contributors (updated 2 minutes ago) Credits







Szell, M. (2018). Crowdsourced Quantification and Visualization of Urban Mobility Space Inequality. *Urban Planning*, 3(1), 1-20. doi: <http://dx.doi.org/10.17645/up.v3i1.1209>

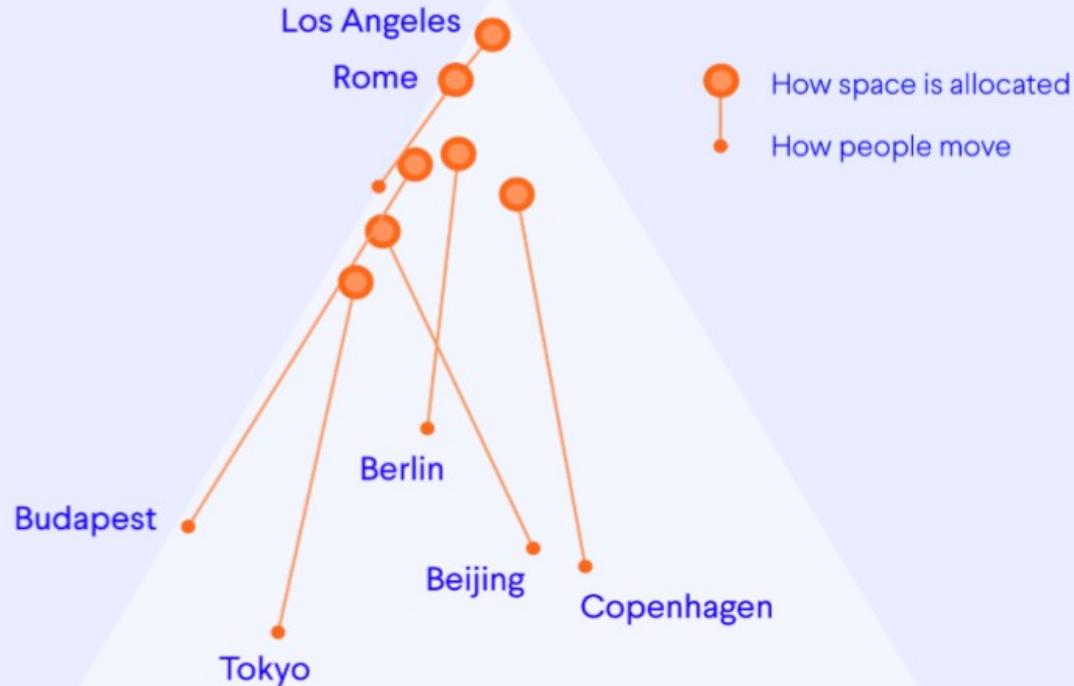
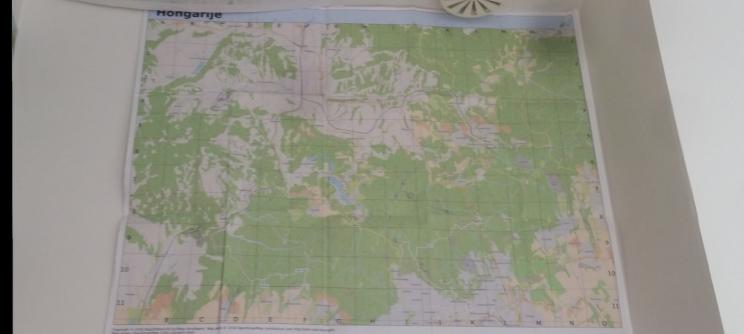
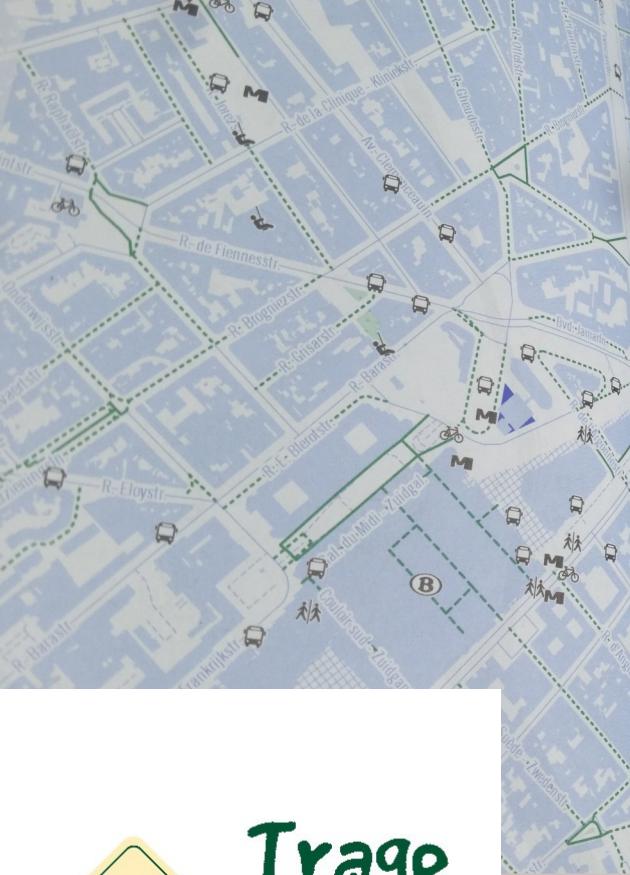


Figure 4. The mobility triangle expresses visually the discrepancy between mobility space distribution ("How space is allocated") and modal share ("How people move") as a connected pair of dots in a ternary plot, shown for seven selected cities.





Trage
wegen
vzw







What is OpenStreetMap?



Community



Road completion

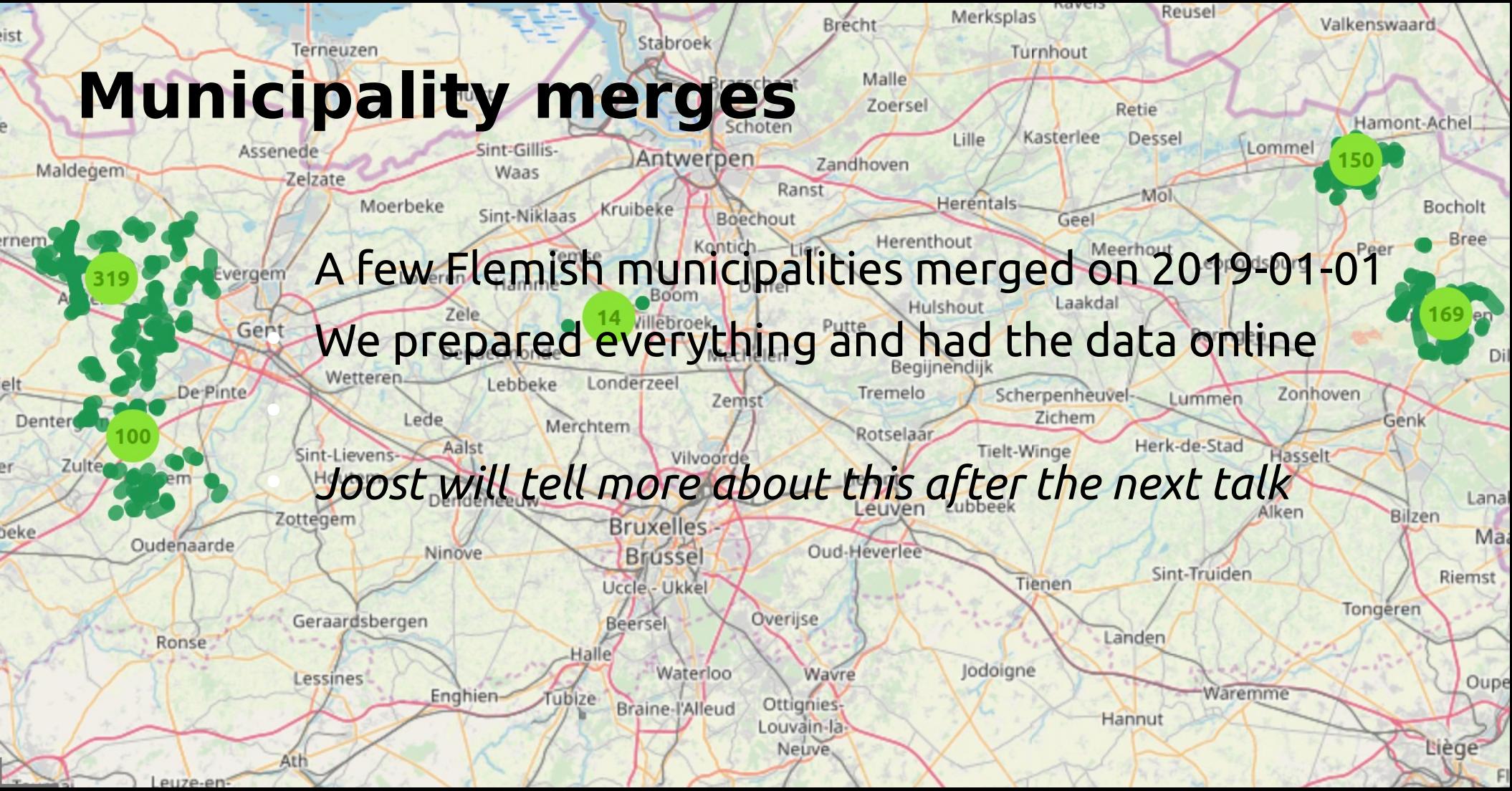
Are all the roads listed by the government on our map?

Yes

Municipality merges

A few Flemish municipalities merged on 2019-01-01
We prepared everything and had the data online

Joost will tell more about this after the next talk



The Belgian community does stuff

- Find us on [meetup.com](#)
- Talk to us on [riot.im](#) (OSMBE - community)
- Donate so we can buy 360° camera's, stickers, vests, servers, ...
- Help our projects (map historical data, public bookcases, ...)

Osm.be



© Westtoer, 2016
Basemap: NGI





What is OpenStreetMap?

Working together

Working together

**on the most accurate,
most up-to-date,
and most open world map**

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**on the most accurate,
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and I'm crazy about it