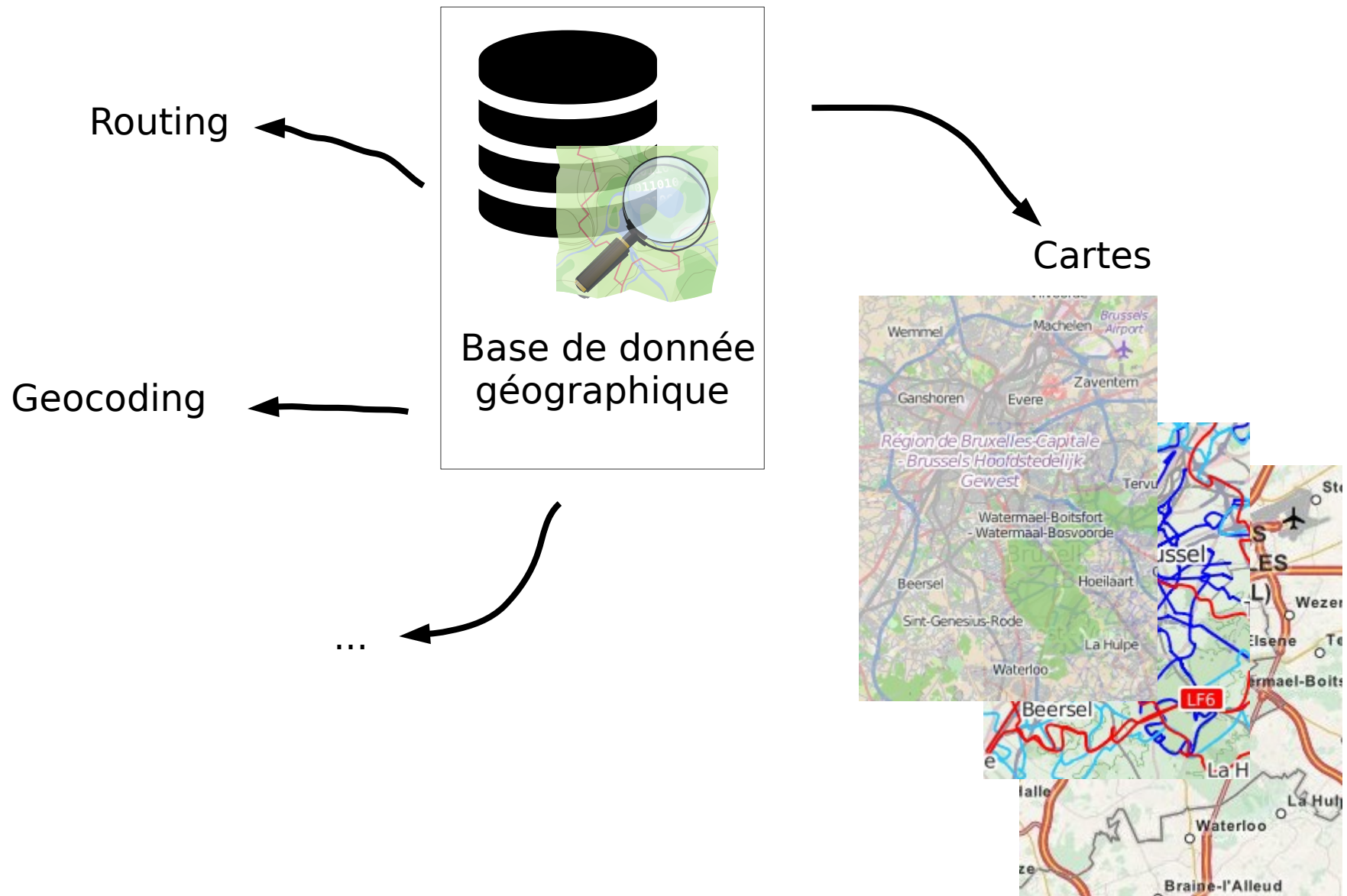




# OpenStreetMap



**Qu'est-ce OpenStreetMap (OSM) ?**



Query - postgres on postgres@0.0.0.0:32768 \*

File Edit Query Favourites Macros View Help

postgres on postgres@0.0.0.0:32768

Scratch pad

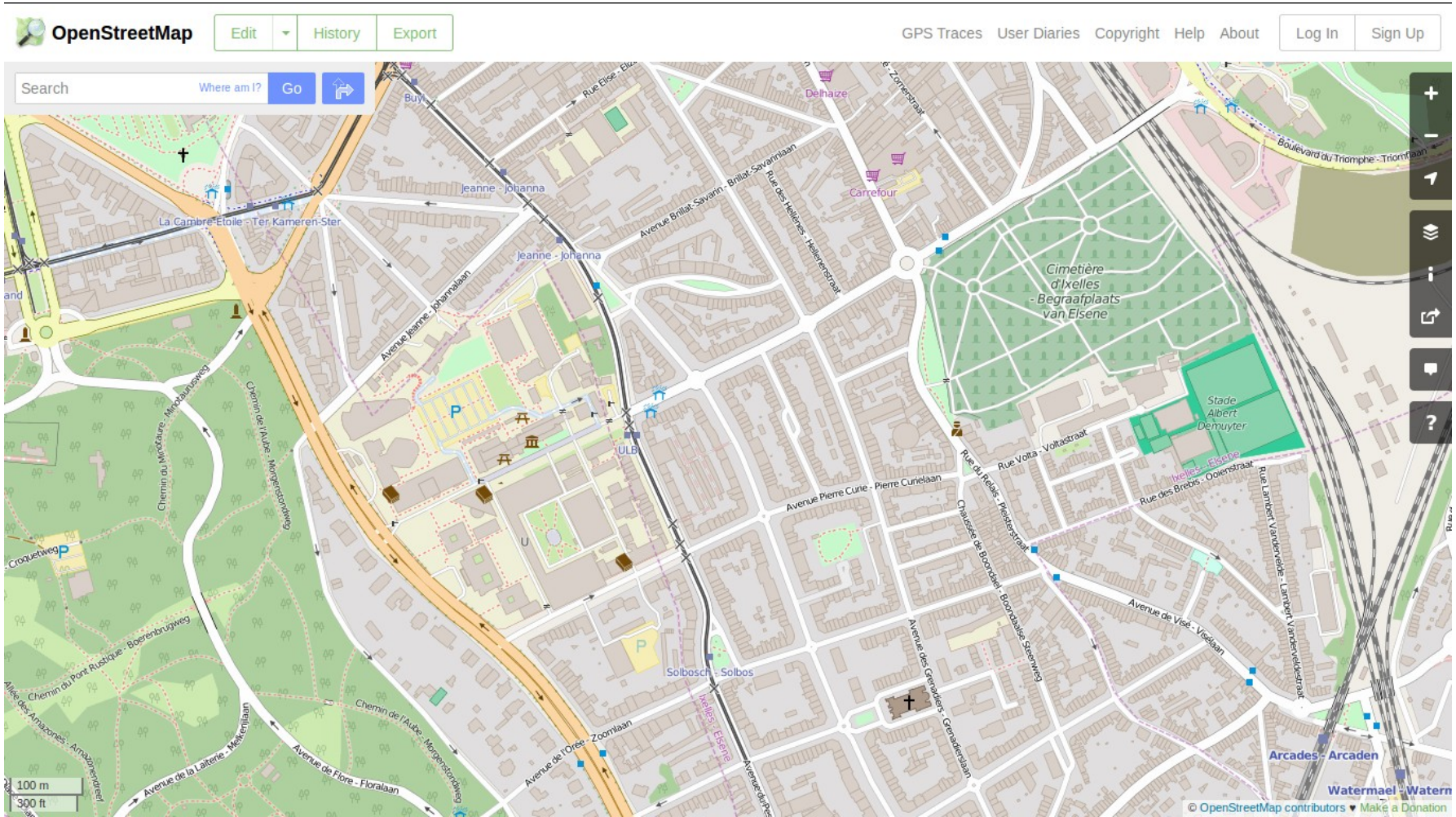
Output pane

Data Output Explain Messages History

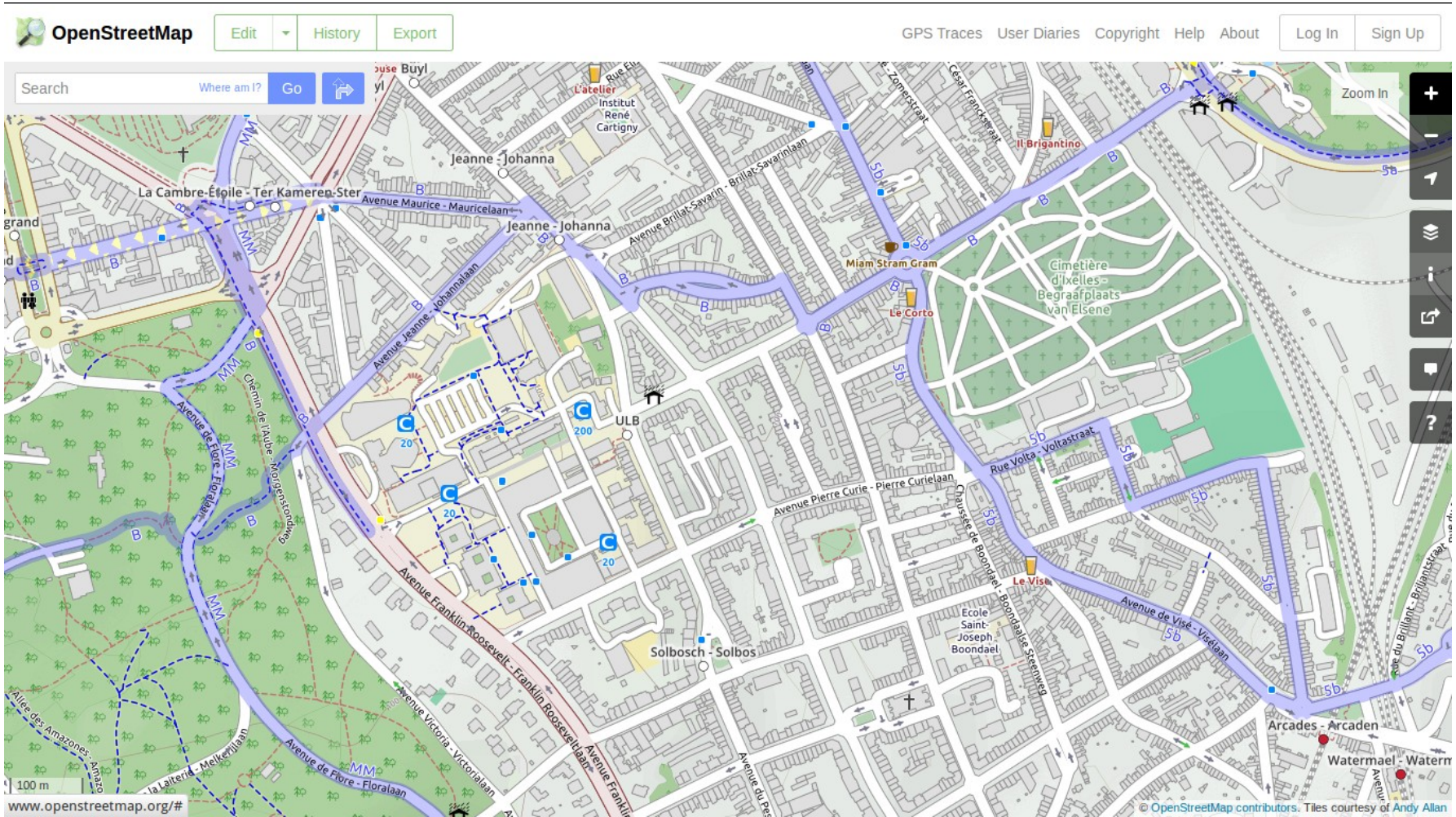
|    | id<br>bigint | version<br>integer | user_id<br>integer | tstamp<br>timestamp without time zone | changeset_id<br>bigint | tags<br>hstore  | nodes<br>bigint[] |
|----|--------------|--------------------|--------------------|---------------------------------------|------------------------|---|-------------------|
| 1  | 4114536      | 7                  | 380737             | 2011-01-27 22:31:03                   | 7107995                | "ref"=>"N 1", "foot"=>"no", "lanes"=>"2", "oneway"=>"yes", "bicycle"=>"yes", "highw | {22359726,2236005 |
| 2  | 4116619      | 15                 | 380737             | 2010-12-19 22:19:42                   | 6710899                | "foot"=>"yes", "lanes"=>"2", "bicycle"=>"yes", "highway"=>"primary", "junction"=>"r | {22361804,5636626 |
| 3  | 4213677      | 13                 | 285790             | 2014-06-27 00:40:25                   | 23203217               | "oneway"=>"yes", "highway"=>"service"   | {618833,190879782 |
| 4  | 4597106      | 9                  | 601746             | 2012-04-17 15:36:04                   | 11331052               | "highway"=>"tertiary", "junction"=>"roundabout"                                     | {29059792,3057794 |
| 5  | 4597107      | 3                  | 6871               | 2009-04-12 17:51:03                   | 438720                 | "name"=>"Quai de la Loire", "oneway"=>"yes", "highway"=>"tertiary", "created by"=>" | {305779475,373273 |
| 6  | 4597109      | 3                  | 221860             | 2011-03-04 11:14:20                   | 7453100                | "name"=>"Rue Descartes", "oneway"=>"yes", "highway"=>"tertiary"                     | {1185670041,11856 |
| 7  | 4597110      | 6                  | 400383             | 2013-03-10 17:02:01                   | 15316843               | "name"=>"Quai de la Gendamerie", "oneway"=>"yes", "highway"=>"tertiary"             | {29059805,1185682 |
| 8  | 4597125      | 4                  | 243152             | 2012-07-13 14:22:06                   | 12206031               | "name"=>"Avenue du Commandant Cousteau", "highway"=>"tertiary", "junction"=>"rounda | {29060139,2906013 |
| 9  | 4597126      | 6                  | 3098               | 2013-12-25 23:13:59                   | 19636212               | "name"=>"Avenue du Commandant Cousteau", "highway"=>"tertiary", "maxspeed"=>"50", " | {29059789,3732733 |
| 10 | 4597127      | 2                  | 6871               | 2009-04-12 17:51:16                   | 438720                 | "name"=>"Avenue du Commandant Cousteau", "oneway"=>"yes", "highway"=>"tertiary", "c | {29060144,2906014 |
| 11 | 4597128      | 2                  | 6871               | 2009-04-12 17:51:12                   | 438720                 | "name"=>"Avenue du Commandant Cousteau", "oneway"=>"yes", "highway"=>"tertiary", "c | {29060141,3732732 |
| 12 | 4597129      | 7                  | 400383             | 2013-03-10 16:24:58                   | 15316328               | "name"=>"Avenue du Commandant Cousteau", "oneway"=>"yes", "highway"=>"tertiary"     | {29060151,2194391 |
| 13 | 4597131      | 5                  | 400383             | 2013-03-10 16:25:00                   | 15316328               | "oneway"=>"yes", "source"=>"Bing", "highway"=>"service"                             | {32160358,2194391 |
| 14 | 4597132      | 12                 | 400383             | 2013-03-10 19:38:14                   | 15319461               | "highway"=>"service", "junction"=>"roundabout"                                      | {1824140485,29060 |
| 15 | 4597133      | 9                  | 100812             | 2013-07-27 16:03:17                   | 17114225               | "oneway"=>"yes", "highway"=>"service"   | {29060167,1607070 |
| 16 | 4597134      | 10                 | 100812             | 2013-07-27 16:03:14                   | 17114225               | "name"=>"Calais 5", "lanes"=>"2", "layer"=>"1", "bridge"=>"yes", "oneway"=>"no", "h | {305788997,305788 |
| 17 | 4597154      | 6                  | 221860             | 2011-03-04 11:14:17                   | 7453100                | "name"=>"Quai de l'Yser", "oneway"=>"yes", "highway"=>"tertiary"                    | {29059814,1185670 |
| 18 | 4597159      | 4                  | 1652086            | 2013-07-23 15:24:09                   | 17062189               | "name"=>"Chemin du Contre-Halage", "layer"=>"1", "bridge"=>"yes", "highway"=>"terti | {1245285841,12452 |
| 19 | 4597178      | 9                  | 22165              | 2014-07-21 22:34:14                   | 24281731               | "name"=>"Chemin Latéral", "highway"=>"unclassified", "surface"=>"asphalt"           | {1251211091,29733 |
| 20 | 4597179      | 3                  | 22165              | 2014-07-21 22:34:15                   | 24281731               | "name"=>"Chemin du Halage", "highway"=>"unclassified"                               | {29060631,2973660 |
| 21 | 4597180      | 10                 | 1652086            | 2013-07-23 15:46:03                   | 17062189               | "name"=>"Rue de l'Épinette", "highway"=>"unclassified"                              | {29060646,4098029 |
| 22 | 37548828     | 8                  | 692129             | 2012-06-21 14:08:35                   | 11968213               | "name"=>"Rue d'Inkermann", "lanes"=>"2", "oneway"=>"no", "highway"=>"residential",  | {439806870,160778 |
| 23 | 4774035      | 6                  | 601746             | 2012-04-17 13:52:34                   | 11331052               | "highway"=>"footway"  | {806591811,167107 |
| 24 | 4824183      | 8                  | 414659             | 2012-12-13 13:46:19                   | 14259721               | "type"=>"route", "highway"=>"primary", "junction"=>"roundabout"                     | {31004938,3100494 |
| 25 | 4838555      | 10                 | 512235             | 2014-06-27 19:44:16                   | 23222842               | "name"=>"Route du Petit Denna", "highway"=>"unclassified", "ref:FR:FANTOIR"=>"59359 | {2600746424,26007 |

OK. Unix Ln 1, Col 19, Ch 19 500 rows. 214 ms

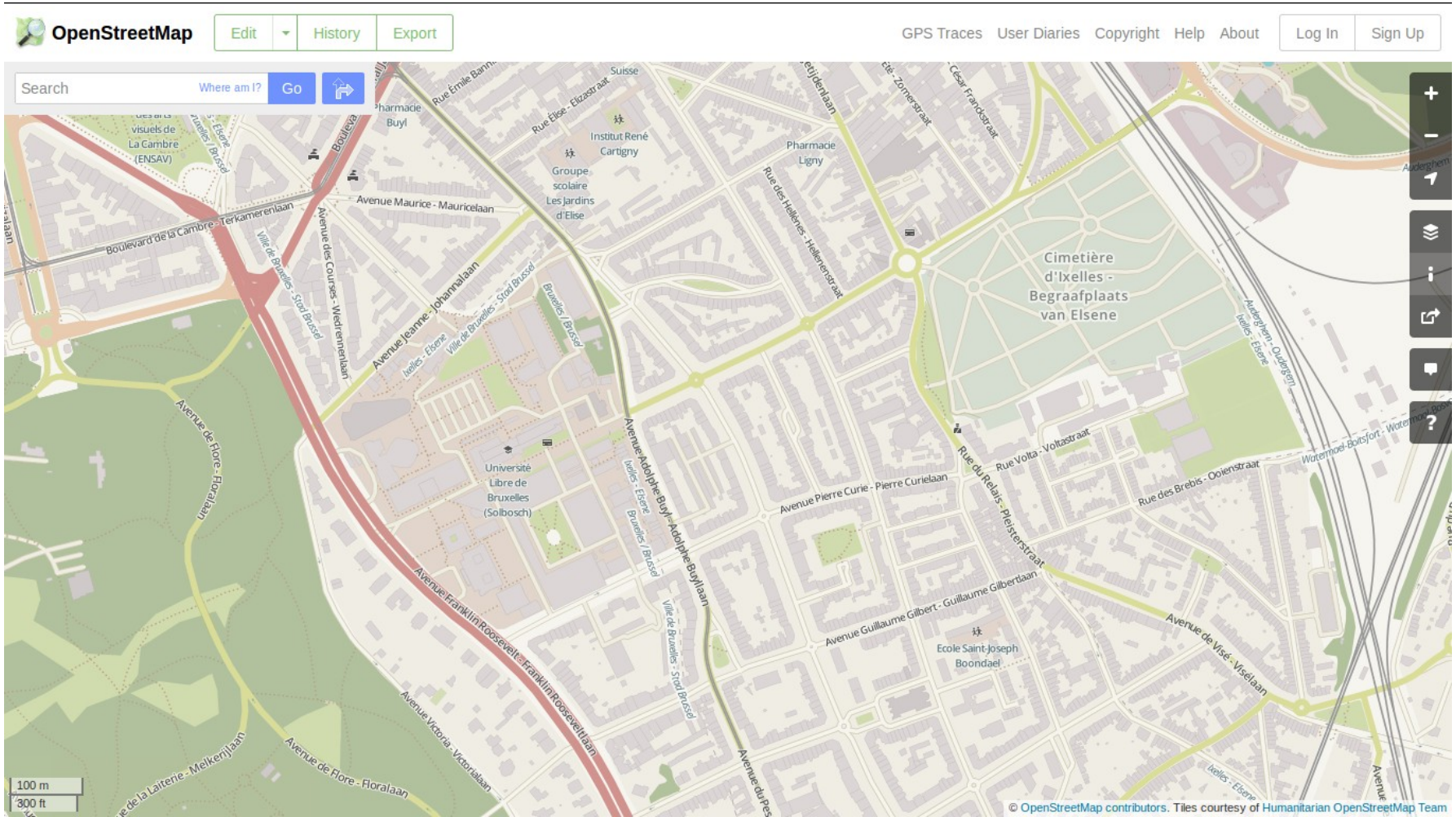
# Une base de données



# Création de cartes



# Création de cartes



# Création de cartes

# ULB - Institut de philosophie

|              |  |
|--------------|--|
| Name         | <b>ULB - Institut de philosophie</b> (name)<br><b>NA</b> (ref) |
| Type         | building:yes   |
| Last Updated | 2015-12-25 05:01   |
| Admin Level  | 15   |
| Rank         | Other: 30  |
| Coverage     | Polygon  |
| Centre Point | 50.81229705,4.38138279662278                                   |
| OSM          | <a href="#">way 29069702</a>                                   |
| Extra Tags   |  |



## Address

| Local name                                | Type                    | OSM                              | Admin level | Distance |                              |
|---|-------------------------|----------------------------------|-------------|----------|------------------------------|
| <b>ULB - Institut de philosophie</b>      | building:yes            |                                  |             | 0        | <a href="#">details &gt;</a> |
| <b>Avenue Paul Héger - Paul Hégerlaan</b> | highway:service         | <a href="#">way 128923320</a>    | 15          | 0        | <a href="#">details &gt;</a> |
| <b>Brussels</b>                           | boundary:administrative | <a href="#">relation 2404021</a> | 9           | 0        | <a href="#">details &gt;</a> |
| <b>Ville de Bruxelles - Stad Brussel</b>  | boundary:administrative | <a href="#">relation 58274</a>   | 8           | 0        | <a href="#">details &gt;</a> |
| <b>Brussels-Capital</b>                   | boundary:administrative | <a href="#">relation 2404020</a> | 7           | 0        | <a href="#">details &gt;</a> |
| <b>Brussels-Capital</b>                   | boundary:administrative | <a href="#">relation 54094</a>   | 4           | 0        | <a href="#">details &gt;</a> |
| <b>1000</b>                               | place:postcode          |                                  |             | 0        | <a href="#">details &gt;</a> |
| <b>1000</b>                               | place:postcode          | <a href="#">relation 3379410</a> | 15          | 0        | <a href="#">details &gt;</a> |
| <b>Belgium</b>                            | place:country           | <a href="#">relation 52411</a>   | 2           | 0        | <a href="#">details &gt;</a> |
| <b>be</b>                                 | place:country_code      |                                  |             | 0        | <a href="#">details &gt;</a> |

**Annuaire adresse <> long/lat  
(nominatim)**

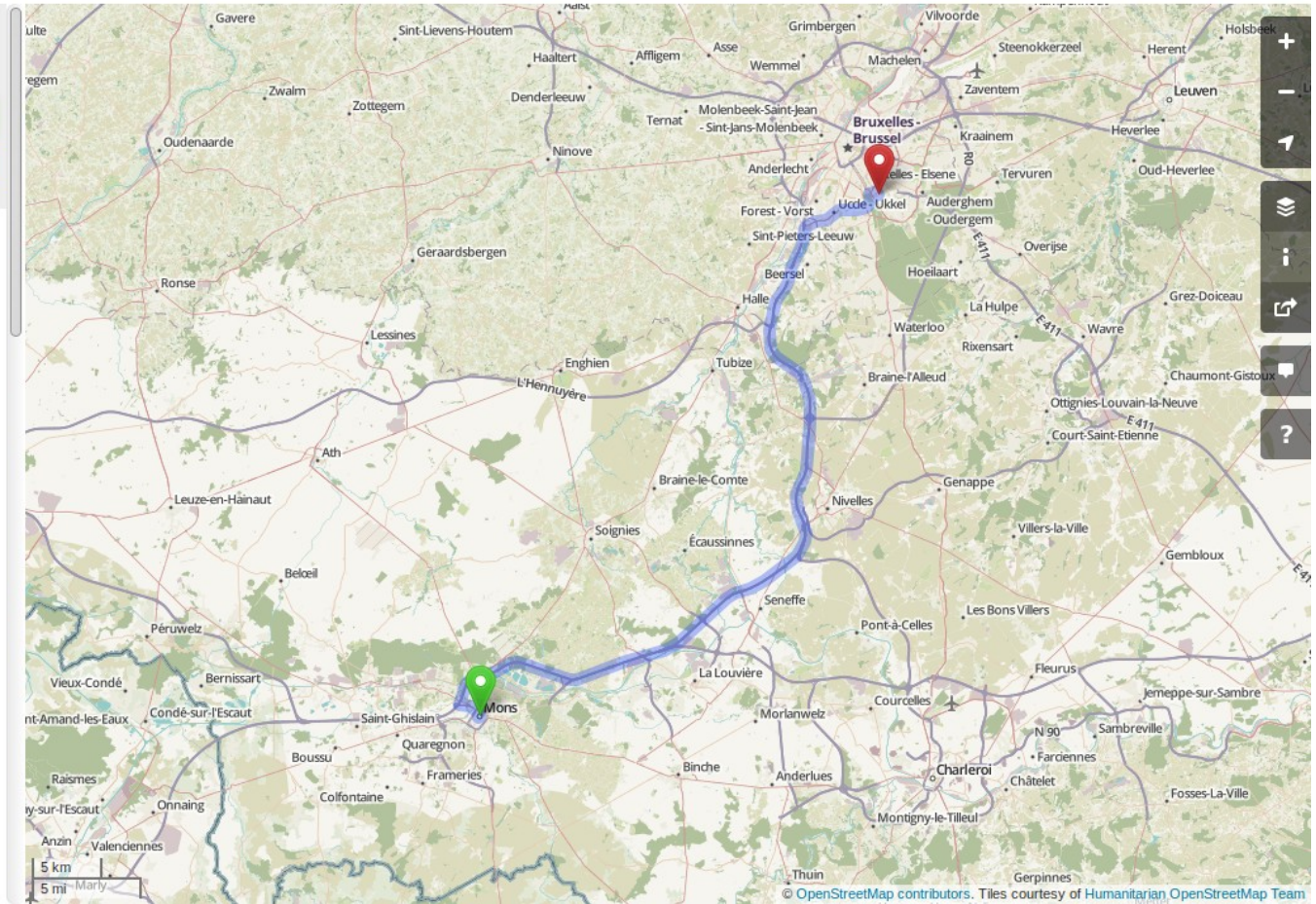


Car (OSRM)

Directions

Distance: 68km. Time: 0:47.

1. Follow **Grand-Place** 60m
2. Turn right onto **Rue d'Enghien** 190m
3. Continue on **Rue du Onze Novembre** 190m
4. Continue on **Rue des Echelles** 70m
5. Turn left onto **Place du Parc** 90m
6. Turn left onto **Place du Parc** 30m
7. Turn right onto **Rue du Parc** 110m
8. Continue on **Place Warocqué** 20m
9. Continue on unnamed road 140m
10. At roundabout take exit 1 onto unnamed road 40m
11. Continue on **N50** 140m
12. Continue on **Chaussée de Ghlin (N50)** 10m
13. Continue on unnamed road 1400m
14. Continue on **E19;E42** 17km



# Guidage routier



**Seule limite : l'imagination !**



Partage autorisé



Attribution des auteurs  
obligatoire

© *OpenStreetMap*  
*contributors*



Modification  
autorisée



Redistribution  
obligatoirement sous  
licence compatible

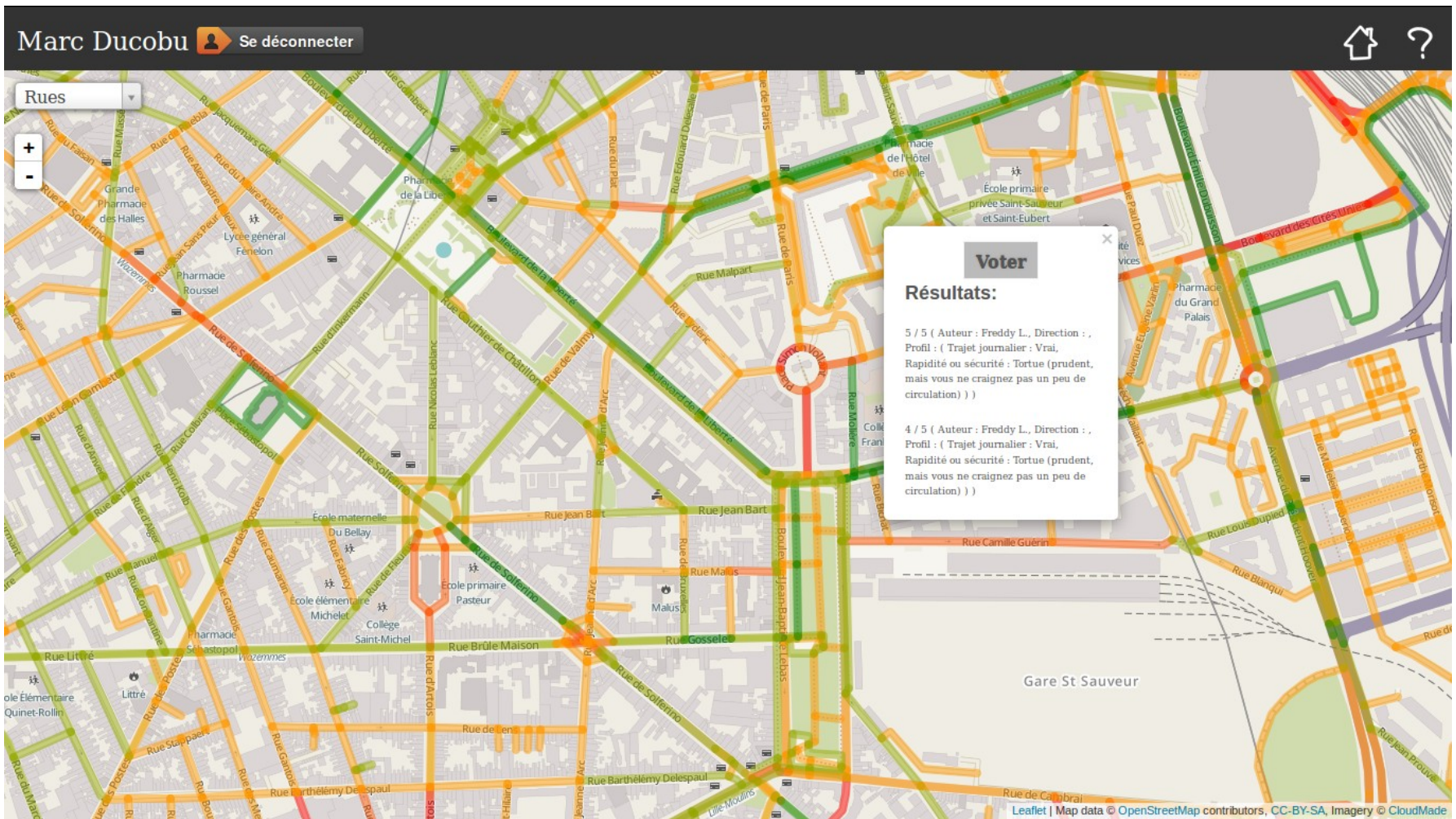


Création d'œuvres  
depuis la base de  
données autorisée

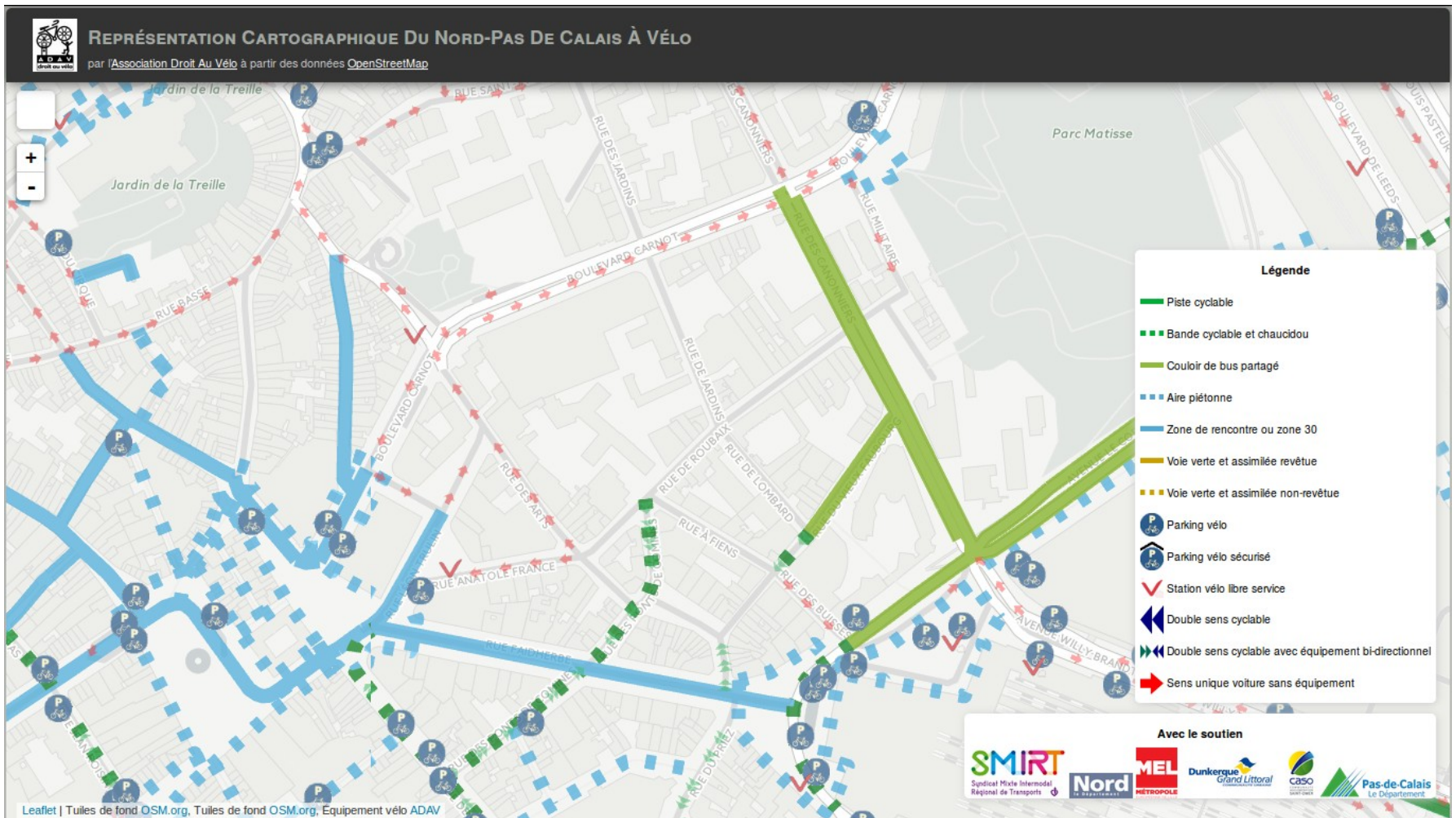


Si DRM sur version  
modifiée, une version  
sans DRM doit être  
disponible

**OSM est sous licence OdbL : tout le monde peut récupérer et exploiter les données !**



# ADAV : cyclabilité



# ADAV : carto

wheelmap.org  
Find wheelchair accessible places

About Wheelmap Map Projects News Press Contact

+ Add another place Log In English

ulb

WC Categories 12

**La Bécasse**  
476 Chaussée de Boondael -  
Boondaalsesteenweg  
Belgium > Food > Restaurant

Wheelchair accessibility:  
**Not wheelchair accessible**  
Toilet status unknown

Details

MapBox 638375

Data: © OpenStreetMap contributors, Icons: CC-BY-SA Maps Icons Collection

Main supporter IMMOBILIEN SCOUT24 Imprint A project by SOZIALHELDEN

wheelmap.org

## #1486 - Peace Corps Botswana - Bobonong

Description

Instructions

Contribute

Activity

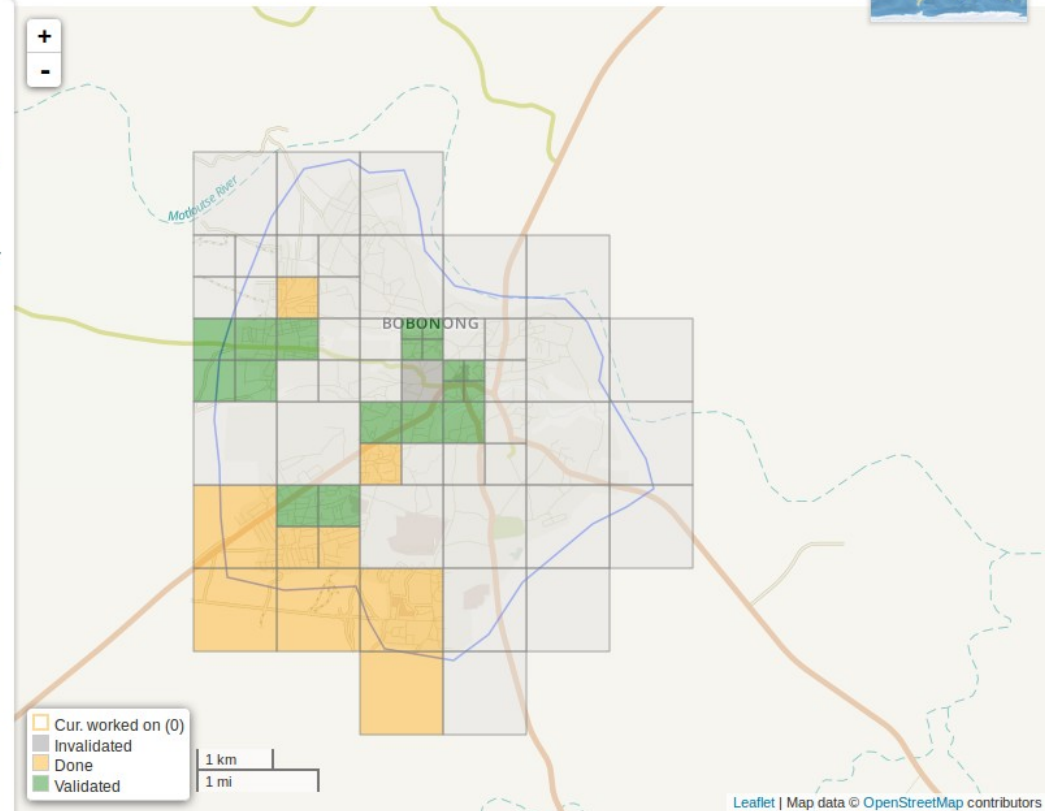
Stats



The purpose of this task is to map roads, buildings and compound walls.

**Justification**

The Peace Corps Botswana Public Health program, along with the District Health Management Team and the Home-Based Care NGO in Bobonong, is requesting assistance building a better base map of Bobonong. Initially, the base map data will be used to conduct mapping exercises and geographic analysis in support of malaria prevention. Objectives include mapping malaria cases to better understand transmission trends and conduct contact tracing and mapping Indoor Residual Spraying campaigns. The organizations would also like to use the OSM data to monitor TB cases, optimize routing while providing care to home-based patients, and better allocate resources to orphans and vulnerable children. Teams will be in the field conducting Field Papers in mid-March.

[Instructions](#)

# Humanitarian OSM Team (HOT)



**Pouvoir utiliser c'est bien,  
pouvoir encoder c'est  
mieux !**





**Une structure simple**

OpenStreetMap Modifier Historique Exporter Traces GPS Journaux des utilisateurs Droits d'auteur Aide À propos marcubu

Modifier l'élément

Couvert  
 Inconnu

Ajouter champ: Adresse, Altitude, Niveau...

Tous les tags (5)

|                  |          |  |  |
|------------------|----------|--|--|
| bus              | yes      |  |  |
| highway          | bus_stop |  |  |
| name             | ULB      |  |  |
| public_transport | platform |  |  |
| shelter          | yes      |  |  |

Toutes les relations (2)

Trajet de bus STIB/MIVB 71 De Brouckère - Delta  
platform

Trajet de bus STIB/MIVB 72 ADEPS - Devèze-ULB  
platform

Visualiser sur openstreetmap.org

Point Ligne Surface Sauvegarder










Avenue de l'Université

ULB

15 m

Editions de escada, Polyglot, Sebke, et de 14 autres 1.8.5

# Des points avec des étiquettes

| Other highway features |  |                          |   |   |   |
|------------------------|--|--------------------------|---|---|---|
| highway                | <a href="#">bus_stop</a>               | <input type="checkbox"/> | A small bus stop. Can be mapped more rigorously using <a href="#">public_transport=stop_position</a> for the position where the vehicle stops and <a href="#">public_transport=platform</a> for the place where passengers wait. See <a href="#">public_transport=*</a> for more details. |  |    |
| highway                | <a href="#">crossing</a>               | <input type="checkbox"/> | Pedestrians can cross a street here; e.g., zebra crossing   |   |    |
| highway                | <a href="#">elevator</a>               | <input type="checkbox"/> | Elevator  |  |    |
| highway                | <a href="#">emergency_access_point</a> | <input type="checkbox"/> | Sign number which can be used to define your current position in case of an emergency. Use with <a href="#">ref=NUMBER_ON_THE_SIGN</a>  |   |    |
| highway                | <a href="#">escape</a>                 | <input type="checkbox"/> | Emergency lane beside long descending slopes for trucks and other vehicles to stop safely after brake failure. In the USA this is called a "runaway truck" lane or ramp.  |   |    |
| highway                | <a href="#">give_way</a>               | <input type="checkbox"/> | A "give way," or "Yield" sign   |   |    |
|                        |  |                          |   |   |  |

# Etiquette : bus\_stop

Page [Discussion](#) [Read](#) [View source](#) [View history](#)

# Key:shelter

**Available languages — Key:shelter** [Help](#)

• [čeština](#) • **English** • [polski](#) • [русский](#) • [日本語](#)

**Other languages — Help us translate this wiki** [show](#)

This tag is in use to tell if a [highway=bus\\_stop](#) has a shelter or not. Values: [shelter=yes](#).

It might possibly be used in combination with other map features besides bus stops (TODO: add examples)


## How to map

Set the tag on the same node alongside the [highway=bus\\_stop](#) tag

## Similar/related tags

- [amenity=shelter](#) - A top-level tag to use for other types of shelter
  - [Proposed features/shelter type / shelter\\_type=\\*](#) - to classify what kind of shelter it is (used with [amenity=shelter](#))
- [public\\_transport=\\*](#) - Other public transport tags

**shelter** [v](#) [d](#) [e](#)



**Description**  
To describe if a bus stop has a shelter or not.

**Group:** [Public Transport](#)

**Used on these elements**

[?](#) [?](#) [?](#) [?](#)

**Status:** In use

|                   |
|-------------------|
| taginfo [More...] |
| 395 093           |
| 51 041            |
| 437               |

**Tools for this tag**

- [taginfo](#), [fr](#), [uk](#), [ie](#), [us](#)
- [overpass-turbo](#)

Categories: [En key descriptions](#) | [Key descriptions for group "public transport"](#) | [Key descriptions with status "in use"](#)

# Etiquette : bus\_stop

# shelter

To describe if a bus stop has a shelter or not.

Comparison list (0 items)

Filter: No filter

[XAPI](#) [JOSM](#) [Level0 Editor](#) [overpass turbo](#)

- Overview
- Values
- Combinations
- Similar
- Map
- Wiki
- Projects

## Overview

| Type     | Number of objects |       | Number of values |
|----------|-------------------|-------|------------------|
| All      | 446 571           | 0.01% | 150              |
| Node     | 395 093           | 0.37% | 110              |
| Way      | 51 041            | 0.02% | 53               |
| Relation | 437               | 0.01% | 8                |

Objects with this key were last edited by 17 494 different users.



## Distribution of values



# Etiquette : bus\_stop

## shelter

To describe if a bus stop has a shelter or not.


Comparison list (0 items)

Filter: No filter

XAPI

JOSM

Level0 Editor

 overpass turbo

Overview

Values

Combinations

Similar

Map

Wiki

Projects

### Values used with this key

Page 1 of 10    JSON    Displaying 1 to 15 of 150 items

| Value            | Count          | Description |
|------------------|----------------|-------------|
| yes              | 268 721 60.17% | ✓           |
| no               | 170 193 38.11% | ✓           |
| unknown          | 6 503 1.46%    | -           |
| public_transport | 411 0.09%      | -           |
| roof             | 85 0.02%       | -           |
| open             | 76 0.02%       | -           |
| abandoned        | 73 0.02%       | -           |
| false            | 52 0.01%       | -           |
| fixme            | 44 0.01%       | -           |
| closed           | 35 0.01%       | -           |
| implicit         | 34 0.01%       | -           |
| 1                | 20 0.00%       | -           |
| external         | 19 0.00%       | -           |
| lean_to          | 16 0.00%       | -           |
| light_materials  | 13 0.00%       | -           |

# Etiquette : bus\_stop

OpenStreetMap Modifier Historique Exporter Traces GPS Journaux des utilisateurs Droits d'auteur Aide À propos marcubu

← **Modifier l'élément** X

Point Ligne Surface Sauvegarder

Tunnel  
 Remblai  
 Tranchée  
 Gué

**Accès autorisé** i

|                     |              |   |
|---------------------|--------------|---|
| Tous                | Non spécifié | ▼ |
| À pied              | designated   | ▼ |
| Véhicules motorisés | no           | ▼ |
| Vélos               | Non spécifié | ▼ |
| Cavaliers           | Non spécifié | ▼ |

Ajouter champ: Adresse, Altitude, Niveau..▼

▼ Tous les tags (1)

highway footway + i

▼ Toutes les relations (0)

+ i

Visualiser sur openstreetmap.org

50 m

Editions de Polyglot, AtonX, foxandpotatoes, et de 26 autres 1.8.5

# Des lignes avec des étiquettes

OpenStreetMap Modifier Historique Exporter Traces GPS Journaux des utilisateurs Droits d'auteur Aide À propos marcubu

← **Modifier l'élément** X Point Ligne Surface ↶ ↷ Sauvegarder

Étages i  
2, 4, 6...

Adresse 🗑️ i  
Avenue Paul Héger - Paul Hégerlaan 1  
Code postal Ville

Ajouter champ: Altitude, Niveau, Note...

▼ Tous les tags (6)

|                  |                       |    |   |
|------------------|-----------------------|----|---|
| addr:housenumber | 1                     | 🗑️ | i |
| addr:street      | Avenue Paul Hége...   | 🗑️ | i |
| building         | yes                   | 🗑️ | i |
| name             | Bibliothèques des ... | 🗑️ | i |
| ref              | NB                    | 🗑️ | i |
| ref:UrbIS        | 5083727               | 🗑️ | i |

+  
▼ Toutes les relations (0)  
+

Visualiser sur openstreetmap.org

30 m Editions de Polyglot, foxandpotatoes, AtonX, et de 24 autres 1.8.5

# Des polygones avec des étiquettes



OpenStreetMap Modifier Historique Exporter Traces GPS Journaux des utilisateurs Droits d'auteur Aide À propos marcubu

← **Modifier l'élément** X Point Ligne Surface ↶ ↷ Sauvegarder

**Nom** 🗑️ i  
STIB/MIVB 71 De Brouckère - Delta +

**Référence** 🗑️ i  
71

**Exploitant** 🗑️ i  
STIB/MIVB

**Réseau** i  
Inconnu

**Accès en fauteuil roulant** 🗑️ i  
 yes  
 limited  
 no

**Ajouter champ:** Adresse, Altitude, Niveau... ▾

▶ Tous les tags (10)  
▶ Tous les membres (101)

[Visualiser sur openstreetmap.org](#)

15 m 🕒 Editions de escada, Polyglot, Sebke, et de 14 autres 🗨️ 🗺️ 1.8.5

# Des relations avec des étiquettes



**Comment encoder ?**

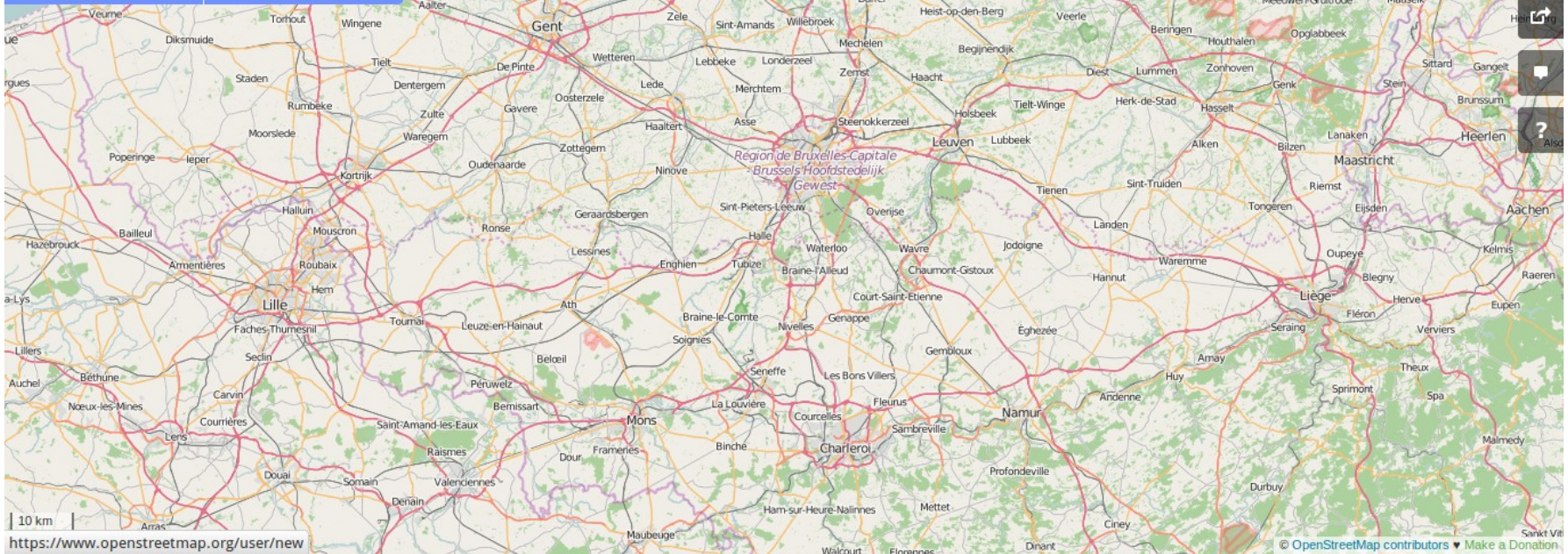
Search  Where am I?

### Welcome to OpenStreetMap!

OpenStreetMap is a map of the world, created by people like you and free to use under an open license.

[Learn More](#)

[Start Mapping](#)



# Créer un compte sur openstreetmap.org

The screenshot shows a web browser window with the URL `wiki.openstreetmap.org/wiki/Map_Features`. The page title is "Map Features". Below the title, there is a section for "Available languages — Map Features" with a list of languages including English, Spanish, French, German, and many others. Below that is a section for "Other languages — Help us translate this wiki". The main content of the page discusses how OpenStreetMap uses tags to describe features on the ground, mentioning "nodes, ways, and relations". It also talks about the "free tagging system" and provides examples of tags like `highway=footway` and `name=*`. A "Contents" section is visible at the bottom, listing "1 Primary features" with sub-sections "1.1 Aerialway", "1.2 Aeroway", and "1.3 Amenity".

Se documenter :  
**wiki.openstreetmap.org**

English > French Translate message Turn off for: English x

Hi again,

How would you tag the "tourniquet à vache" those rotating barriers that allows a walker to get through the fence but not a cow ? Picture here : <http://www.balnam.be/photos/223151.jpg>

I received a nice dataset for wallonie from Itinéraires Wallonie asbl that collected and geotagged most of them and took pictures, I'll be happy to import them in OSM (with their authorisation of course).

Matthieu

PS/ Is it a Belgian specific thing ? I never saw this elsewhere.

---

Talk-be mailing list

[Talk-be@openstreetmap.org](mailto:Talk-be@openstreetmap.org)

<https://lists.openstreetmap.org/listinfo/talk-be>

 **lional bulpa** [lional.bulpa@outlook.be](mailto:lional.bulpa@outlook.be) via [openstreetmap.org](https://www.openstreetmap.org)  
to OpenStreetMap ▾

25 Jan ☆



English > French Translate message Turn off for: English x

Bonsoir,

Je crois que tu peux l'inscrire en barrier=turnstile ou barrier=stile mais le plus approprié me semble être barrier=kissing\_gate puisque cela concerne le bétail. Tu peux aller consulter le Wiki <http://wiki.openstreetmap.org/wiki/Key:barrier>

Lio

> From: [mgwebmail@fastmail.fm](mailto:mgwebmail@fastmail.fm)

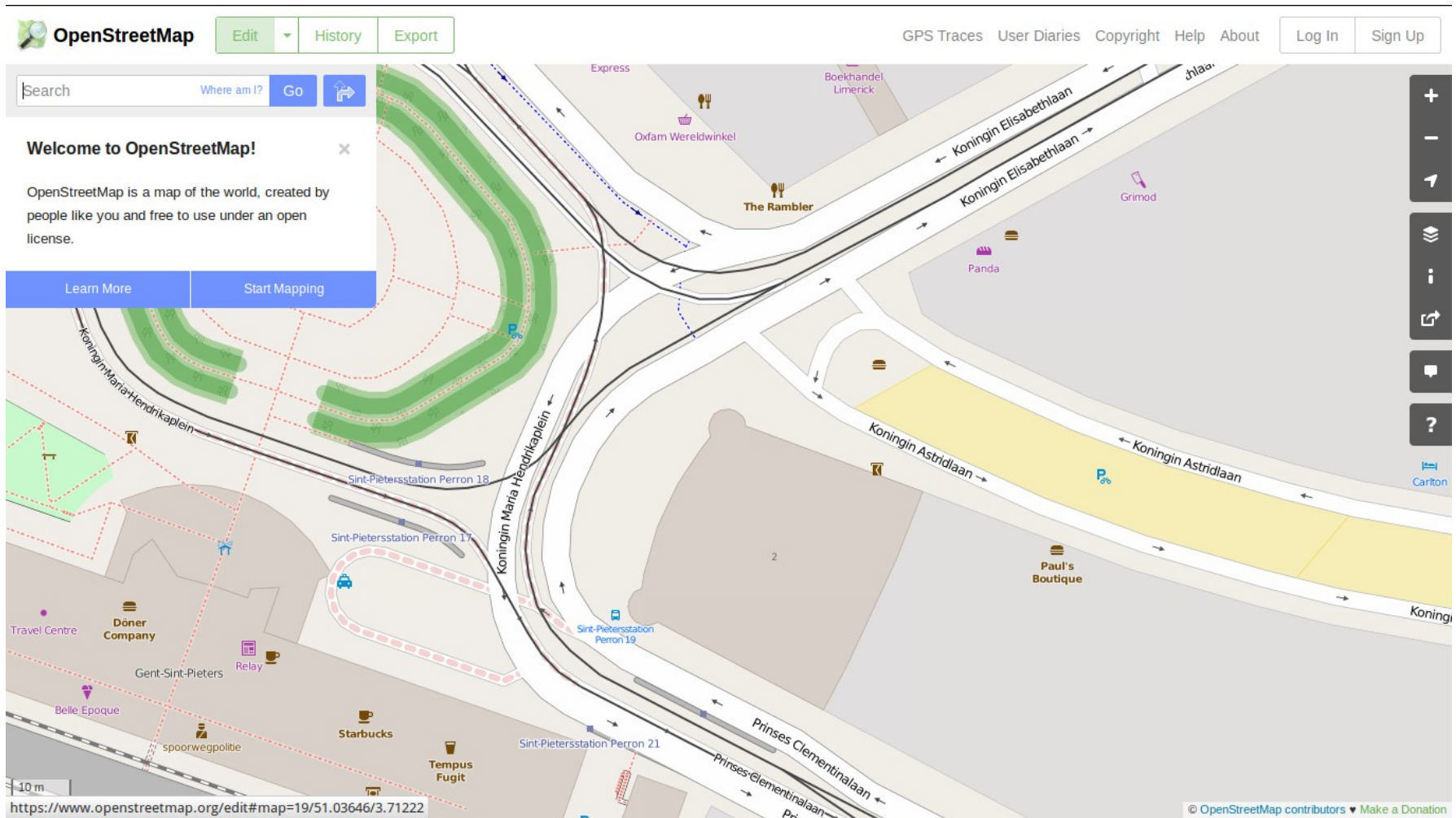
> Date: Mon, 25 Jan 2016 21:51:19 +0100

> To: [talk-be@openstreetmap.org](mailto:talk-be@openstreetmap.org)

> Subject: [OSM-talk-be] Tourniquet à vache

...

# Demander un avis : mailing-list ([talk-be@openstreetmap.org](mailto:talk-be@openstreetmap.org))



**Modifier via depuis le web (petites choses)**

Java OpenStreetMap Editor

File Edit View Tools Selection Presets Imagery Windows Audio Help

Search menu items

Layers

- Data Layer 1

Tags: 1 / Memberships: 0

Highways/Ways/Dedicated Footway ...

| Key     | Value   |
|---------|---------|
| highway | footway |

+ Add Edit Delete

Sel.: Rel.:0 / Ways:1 / Nodes:0

highway (19 nodes)

Select Search History

Relations: 222

- associatedStreet ("Avenue Alphonse Val")
- associatedStreet ("Avenue André Drouar")
- associatedStreet ("Avenue Arnaud Fraite")
- associatedStreet ("Avenue Charles Bras")

50.8225448 4.3947412 278.3 m highway (19 nodes) add to selection (Ctrl to toggle); Shift-Ctrl to rotate selected; Alt-Ctrl to scale selected; or change selection

# Modifier via JOSM



# **Pour réutiliser les données OSM**



La licence s'applique dès qu'il y a redistribution / partage



Partage autorisé

Attribution des auteurs obligatoire

© *OpenStreetMap*  
*contributors*



Modification autorisée



Redistribution obligatoirement sous licence compatible

Création d'œuvres depuis la base de données autorisée



Si DRM sur version modifiée, une version sans DRM doit être disponible

**Vérifier la licence en cas de re-partage**

<http://download.geofabrik.de>

Belgique : ~370MB compressé, 4,8GB décompressé

Fichiers OSM : données brutes. Fichier Shapefile : traitement effectué.  
Le fichier .osm s'ouvre avec JOSM (<http://josm.openstreetmap.de>)

GEOFABRIK  downloads

Download OpenStreetMap data for this region:

## Belgium

[\[one level up\]](#)

### Commonly Used Formats

- [belgium-latest.osm.pbf](#), suitable for Osmium, Osmosis, imposm, osm2pgsql, mkgmap, and others. This file was last modified 7 hours ago and contains all OSM data up to 2015-06-08T19:54:02Z. File size: 215 MB; MD5 sum: [cd54649b0353e47a37ebc03e309b955a](#).
- [belgium-latest.shp.zip](#), yields a number of ESRI compatible shape files when unzipped. This file was last modified 5 hours ago. File size: 365 MB.

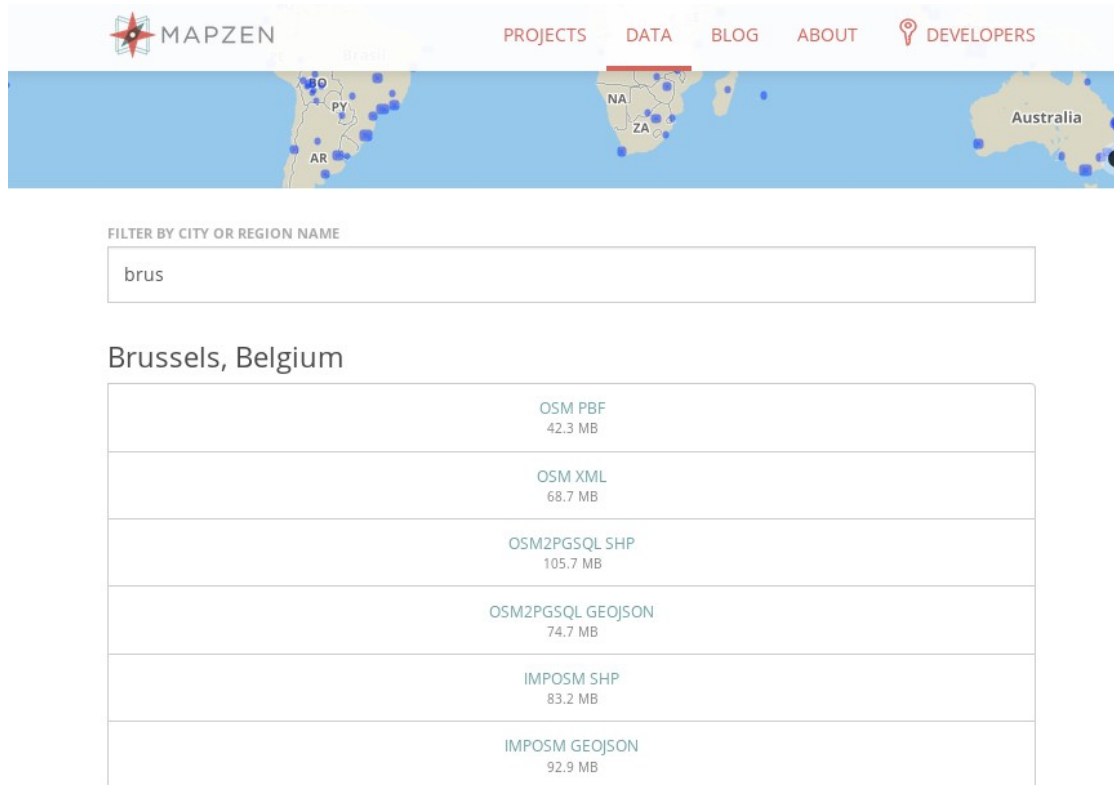
### Other Formats and Auxiliary Files

- [belgium-latest.osm.bz2](#), yields OSM XML when decompressed; use for programs that cannot process the .pbf format. This file was last modified 2 days ago. File size: 350 MB; MD5 sum: [edb3a0fa95a3698cc099eedf9be6ef65](#).
- [.poly file](#) that describes the extent of this region.
- [.osc.gz files](#) that contain all changes in this region, suitable e.g. for Osmosis updates
- [raw directory index](#) allowing you to see and download older files



# Télécharger les données

<https://mapzen.com/data/metro-extracts> propose des extractions par ville



The screenshot shows the Mapzen website interface. At the top, there is a navigation bar with the Mapzen logo and links for PROJECTS, DATA, BLOG, ABOUT, and DEVELOPERS. Below the navigation bar is a world map with blue dots indicating data locations. A search filter is active, showing 'brus' in the input field. Below the filter, the results for 'Brussels, Belgium' are displayed in a table.

| Format            | Size     |
|-------------------|----------|
| OSM PBF           | 42.3 MB  |
| OSM XML           | 68.7 MB  |
| OSM2PGSQL SHP     | 105.7 MB |
| OSM2PGSQL GEOJSON | 74.7 MB  |
| IMPOSM SHP        | 83.2 MB  |
| IMPOSM GEOJSON    | 92.9 MB  |

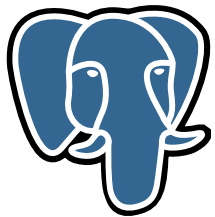
**Télécharger les données - Bruxelles**



pgRouting



Osmosis



**Les données peuvent servir de base pour les réalisations**

## Outil de requête vers la base de donnée OpenStreetMap

- Basique : <http://overpass-api.de>
- Assistant : <http://overpass-turbo.eu/>



## Overpass API

```

1  /*
2  This has been generated by the overpass-turbo
3  wizard.
4  The original search was:
5  ""Parc à vélos" in Evere"
6  */
7  [out:json][timeout:25];
8  // fetch area "Evere" to search in
9  {{geocodeArea:Evere}}->.searchArea;
10 // gather results
11 (
12 // query part for: ""Parc à vélos""
13 node["amenity"="bicycle_parking"]
14 (area.searchArea);
15 way["amenity"="bicycle_parking"]
16 (area.searchArea);
17 relation["amenity"="bicycle_parking"]
18 (area.searchArea);
19 );
20 // print results
21 out body;
22 >;
23 out skel qt;

```



<http://overpass-turbo.eu>

Assistant
✕

amenity=school in Ixelles

L'**assistant** vous aide à créer des requêtes Overpass. Voici quelques exemples d'utilisation :

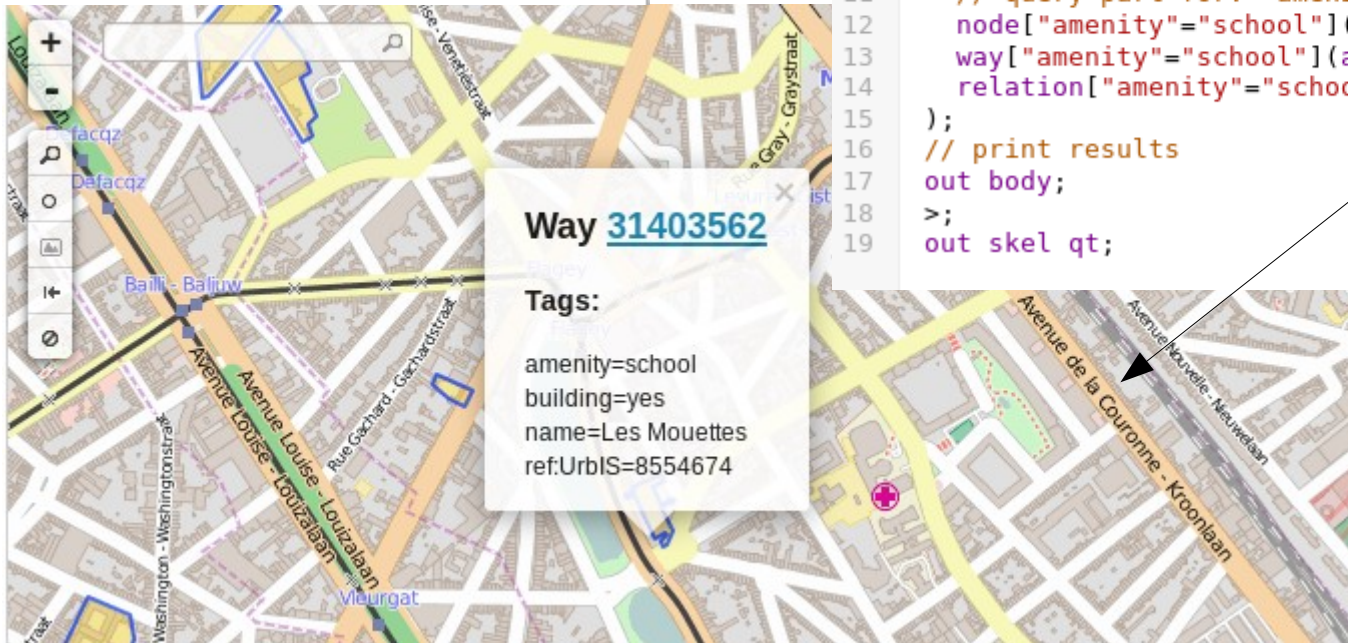
- Drinking Water
- highway=\* and type:way
- tourism=museum in Vienna

Construire et exécuter une requête

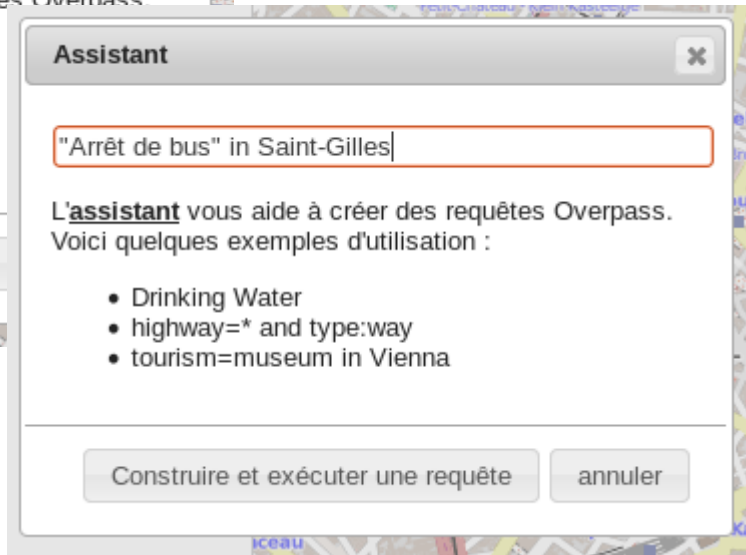
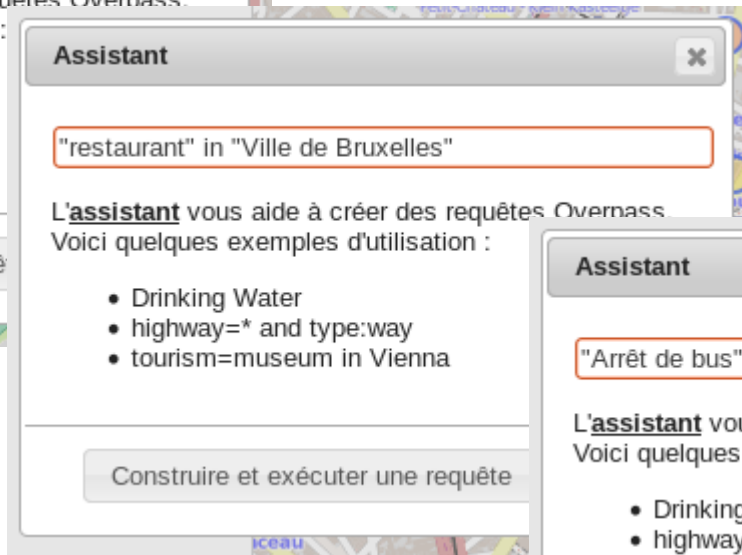
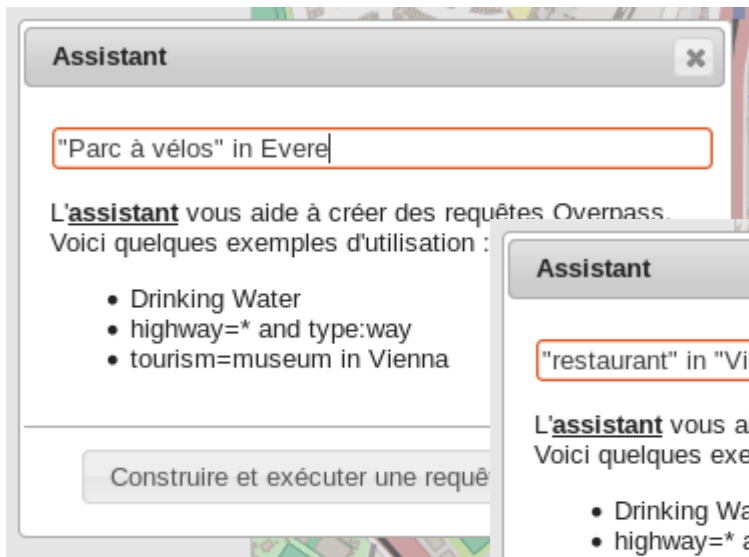
annuler

```

1  /*
2  This has been generated by the overpass-turbo wizard.
3  The original search was:
4  "amenity=school in Ixelles"
5  */
6  [out:json][timeout:25];
7  // fetch area "Ixelles" to search in
8  {{geocodeArea:Ixelles}}->.searchArea;
9  // gather results
10 (
11   // query part for: "amenity=school"
12   node["amenity"="school"](area.searchArea);
13   way["amenity"="school"](area.searchArea);
14   relation["amenity"="school"](area.searchArea);
15 );
16 // print results
17 out body;
18 >;
19 out skel qt;
  
```



# Assistant dans overpass-turbo



**Overpass-turbo comprend le langage (presque) naturel**





# Possibilités d'export



### Way [257572891](#)

#### Tags:

- addr:city=Brussel - Bruxelles
- addr:city:fr=Bruxelles
- addr:city:nl=Brussel
- addr:country=BE
- addr:housenumber=23
- addr:postcode=1000
- addr:street=Roupeplein
- addr:street:fr=Place Rouppe
- addr:street:nl=Roupeplein
- amenity=restaurant
- building=yes
- cuisine=french
- name=Comme Chez Soi
- ref:UrbIS=8181427
- website=<http://www.commechezsoi.be/>

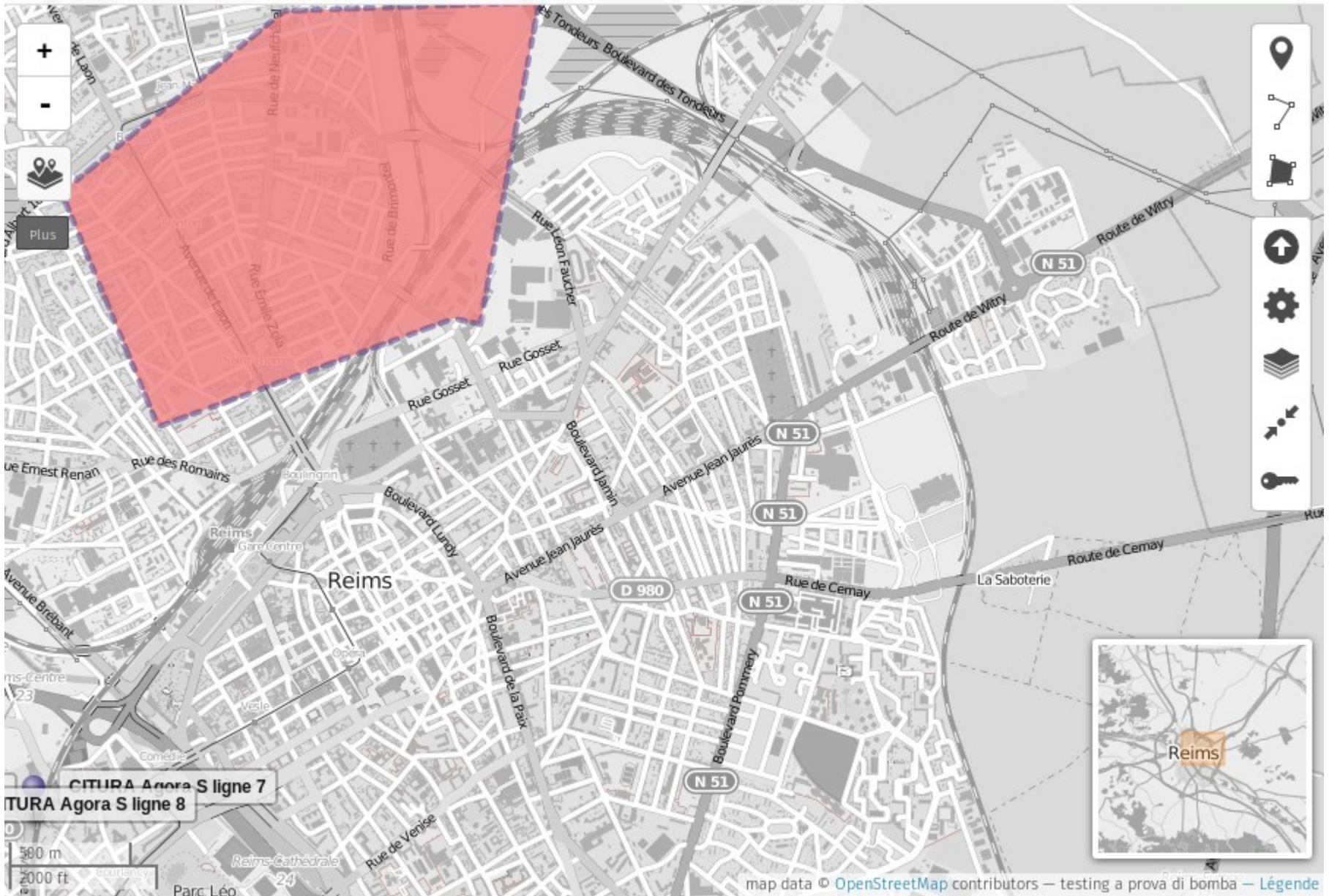
# Carte interactive d'export

# <http://umap.openstreetmap.fr>

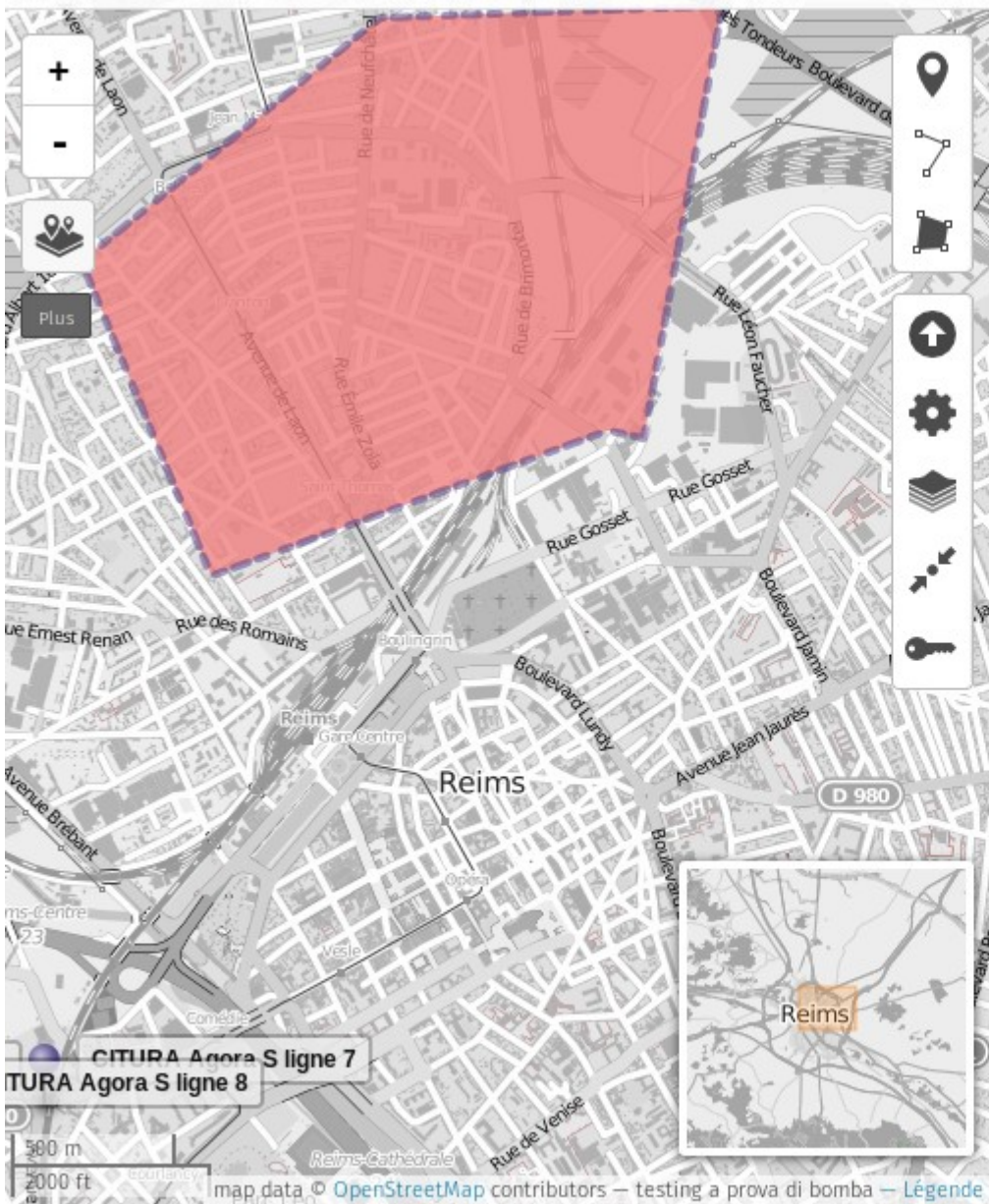
- Cartes personnalisées
- Possibilité de les intégrer sur son site
  
- Fond de carte OSM
- Tracer des lignes, polygones
  - + marqueurs personnalisés
  - + légendes / popup
- Import de données geojson, kml, ...



**Umap : cartes personnalisées**



**Le Meilleur pour la fin....** par ybon – Légende | Visualiser les données

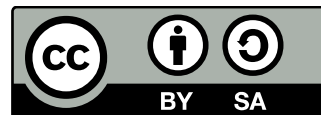


× Fermer





**Des questions ?**



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Contact : marc@champs-libres.coop