

Mapas que cuentan historias

OpenSeason
1 de Marzo 2012

**Sociedad Scientífica de Informática y
Sistemas
Universidad San Simón**

Cochabamba, Bolivia

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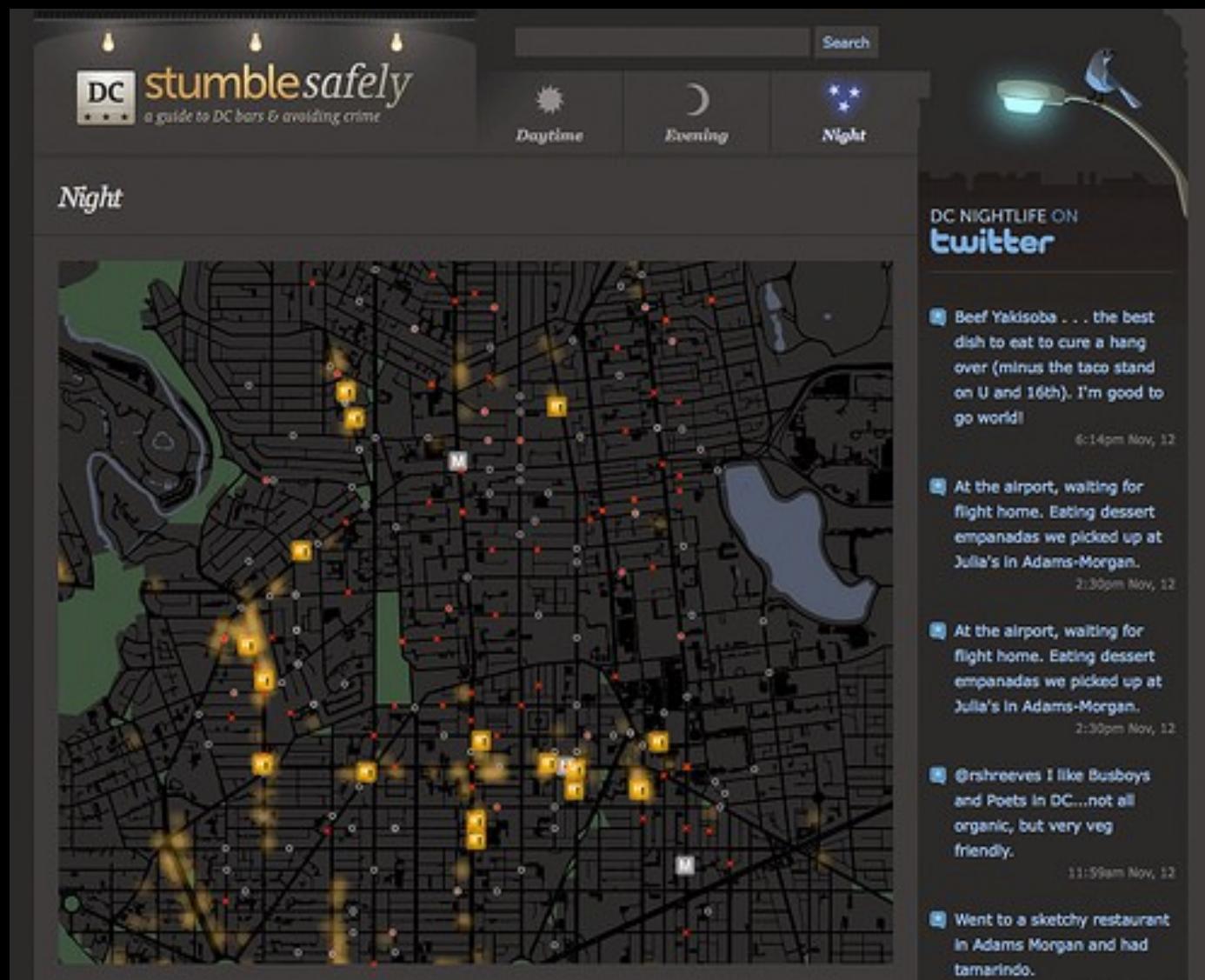
felix@delattre.de
www.felix.delattre.de
[@xamanu](https://twitter.com/xamanu)

Mapas

que cuentan historias

<http://0d1n.co-labora.net/presentaciones/2013-02-13-mapas.pdf>

Ejemplo: Stumble Safely



Datos utilizados:

DC Crime Data

DC Road Polygons

DC Liquor Licences

DC Water

DC Parks

DC Metro Stations

Ejemplo: DC Bikes



The screenshot shows the homepage of DC Bikes. At the top, there's a search bar and navigation links for 'Routes', 'Metro', and 'Theft'. A sidebar on the right displays a Twitter feed with messages from users like @dcbikes, @biketools, @bikeweb, and @dcwater. The main content area features a map of Washington D.C. with highlighted bike routes. Below the map, there's a section for 'Recent thefts' listing incidents such as '14th ST NW & T ST NW' and '3700 block of Woodley RD NW'. To the right, there are sections for 'Latest on Craigslist' (e.g., 'Men's XC Attack 2.0 - Bike new (Sterling, VA) \$550') and 'Looking for FOX DHX 5 or 4 AIR 8 x 2.35 (Fairfax)'.

Datos utilizados:

MPD Crime Incidents

Bike Thefts 2008

DC Parks

DC Bicycle Lanes

DC Bike Routes

DC Metro Stations

DC Water

Anuncios de Craigslist

Mensajes de Twitter

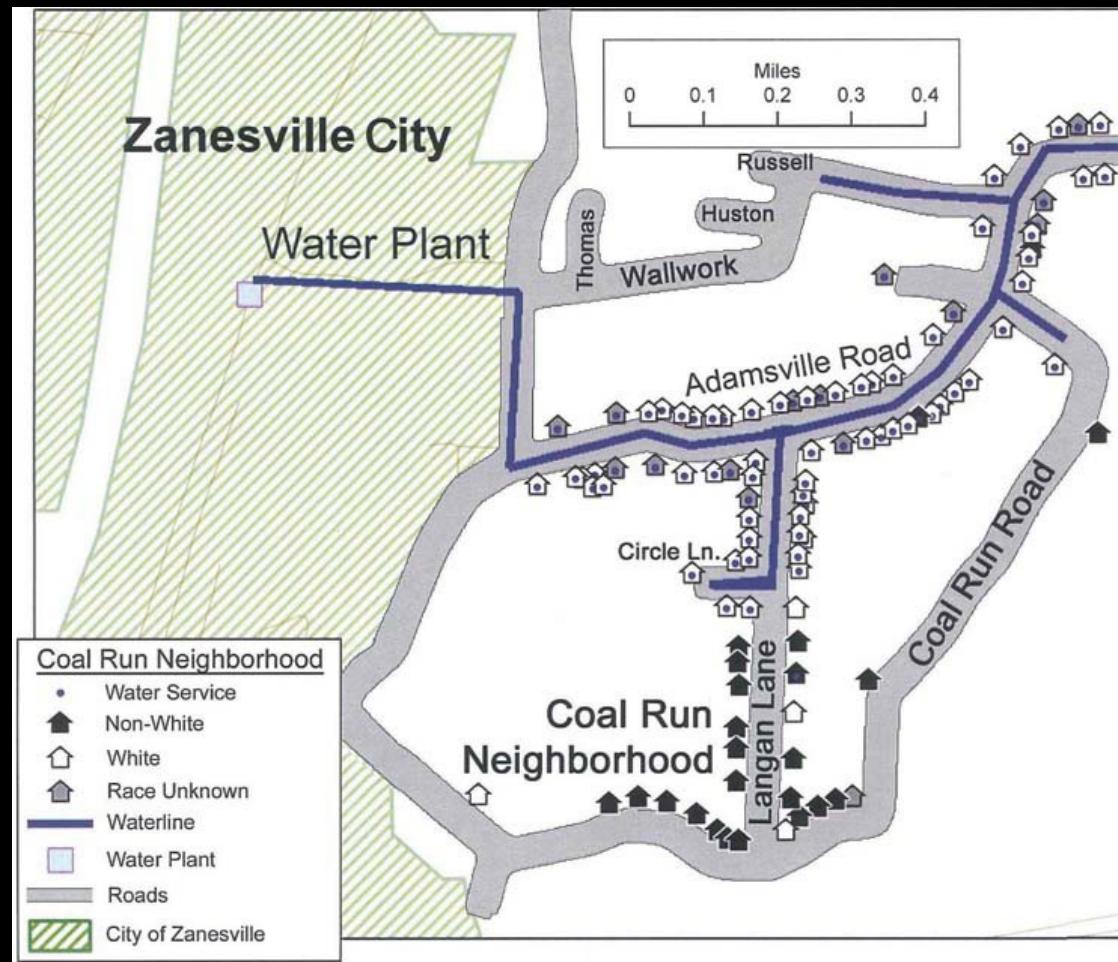
Ejemplo: **Mapa de agua potable en Zanesville**

Un abogado levantó los datos de cuales casas tienen agua potable.

Agregó datos abiertos de otra fuente con información sobre grupos etnicos.

Encontró una correlación....

Ejemplo: Mapa de agua potable en Zanesville



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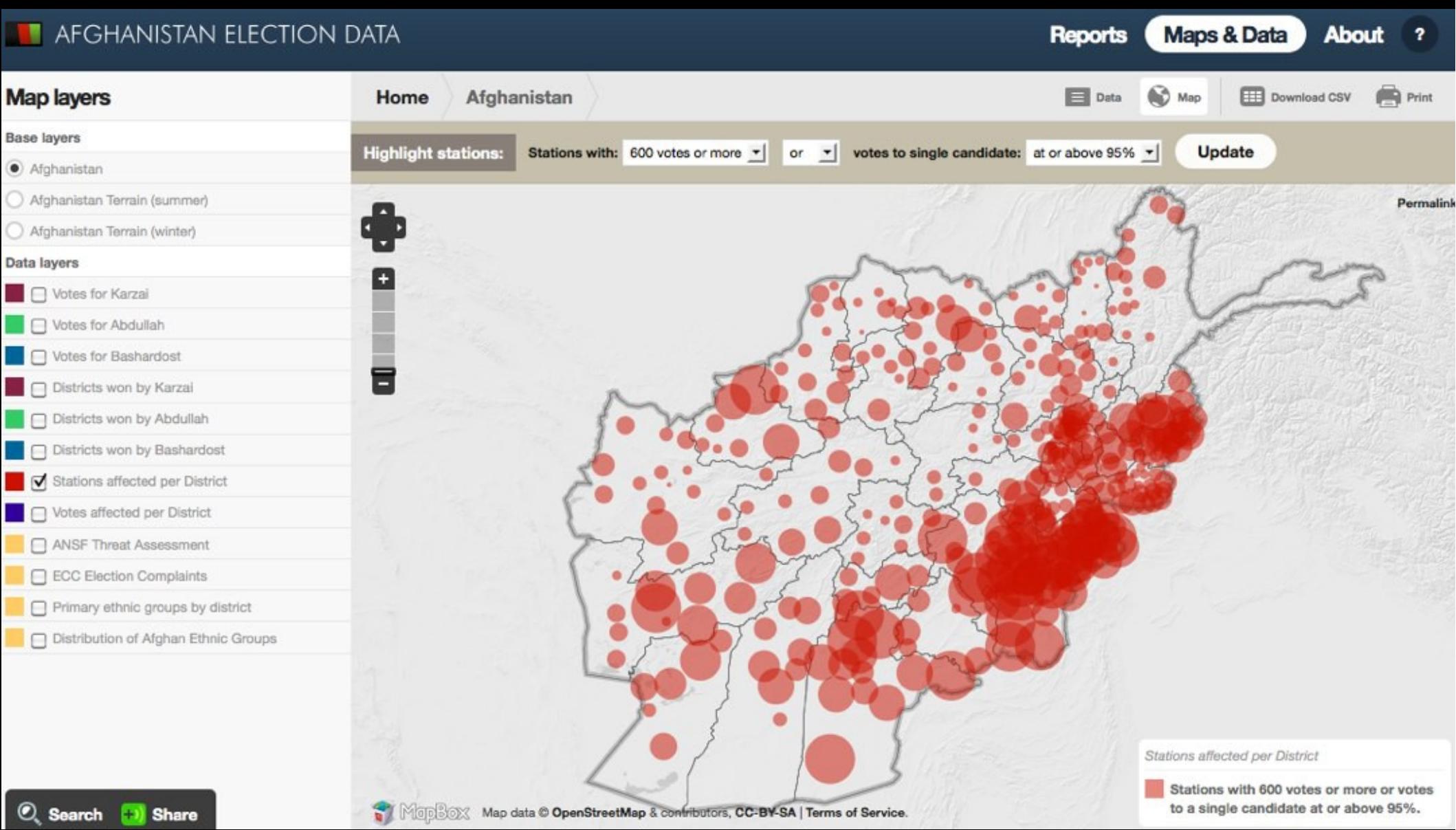
Agregó datos abiertos de otra fuente con información sobre grupos etnicos.

Encontró una correlación....

El juez dió una sentencia de una multa de 10,9 millones de dolares.

Ejemplo: Elecciones en Afganistán

<http://afghanistanelectiondata.org/>



OpenStreetMap.org

Un mapa comunitario y abierto

Comunidad

Al rededor de 600 000 usuarios registrados

Fiestas de mapeos

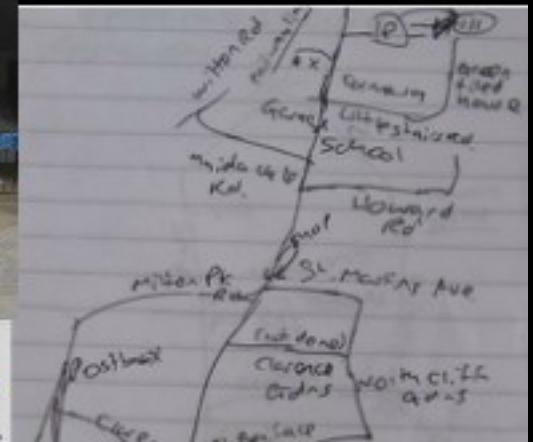
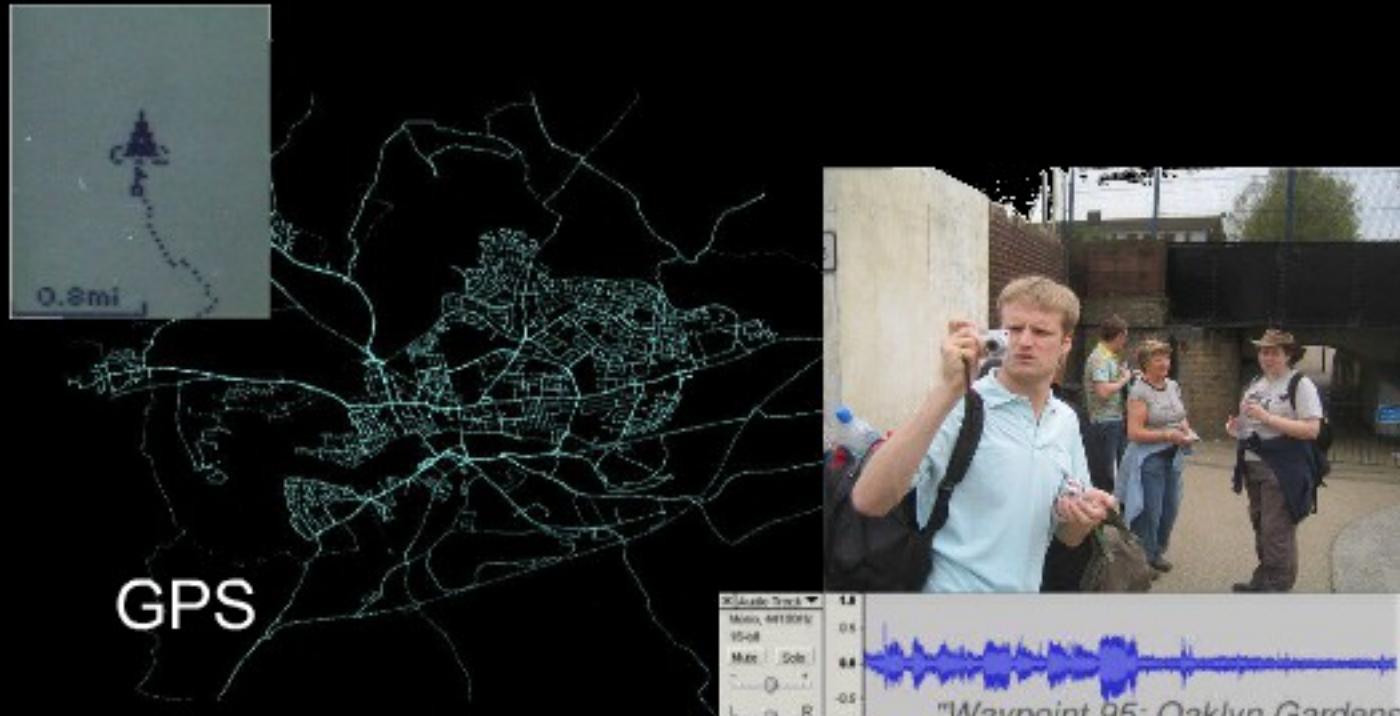
Contribuciones individuales

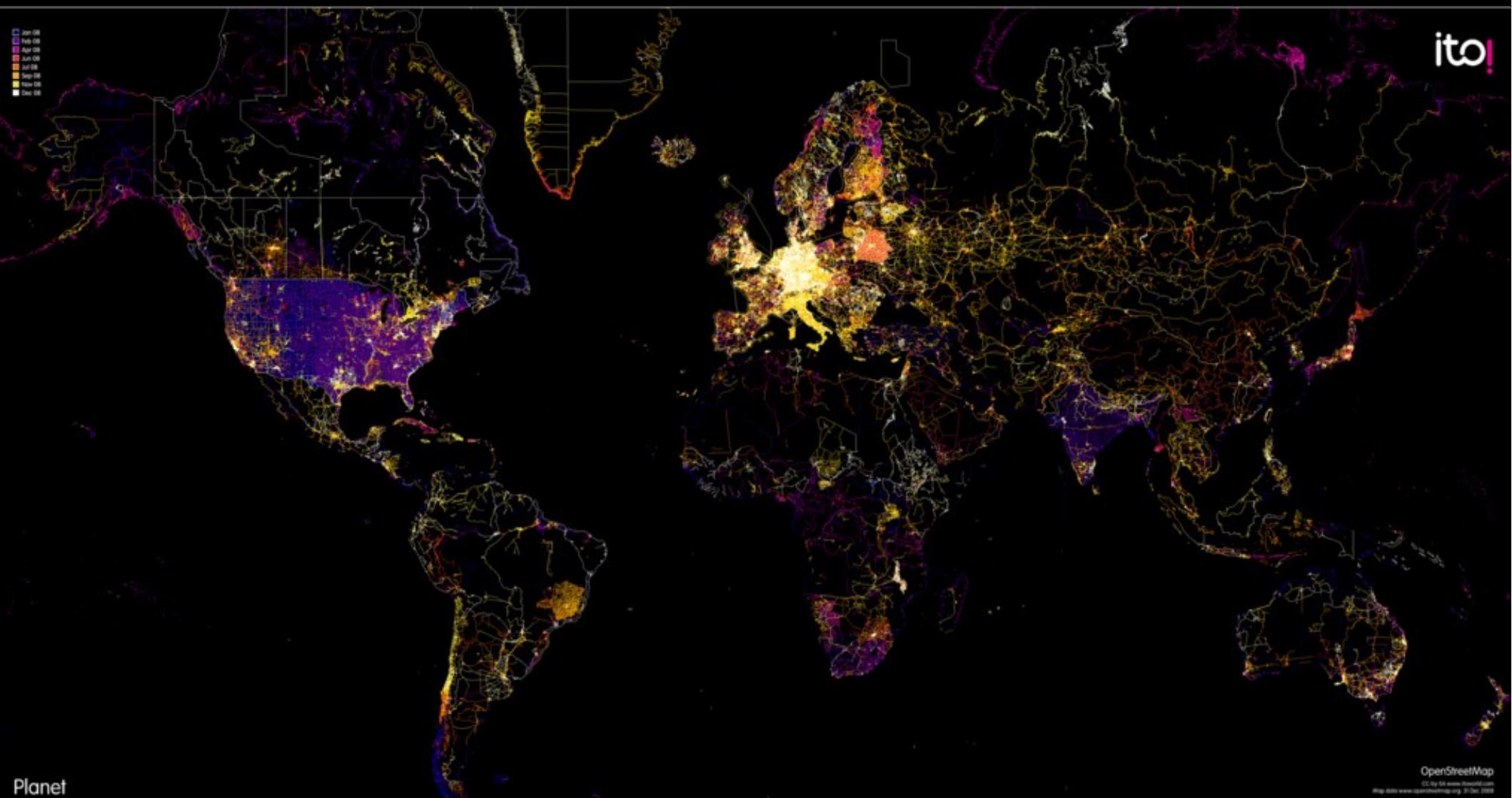


Hacer un mapa

Trabajo de campo (proyecto)

Mucho trabajo (se necesita mucha gente)





Planet

Contribuciones en 2009

Visualización hecha por <http://www.itoworld.com/>



Contribuciones en 2008

<http://vimeo.com/2598878>

Visualización hecha por <http://www.itoworld.com/>



“Wikipedia de mapas”

The screenshot illustrates a dual-monitor setup. The top monitor displays a screenshot of a web browser window for the Spanish Wikipedia article on "Cartografía". The browser interface includes a header with a user icon, a title bar reading "Cartografía - Wikipedia, la encyclopédie libre", a URL bar with "https://es.wikipedia.org/wiki/Cartografía", and a toolbar with various icons. Below the header, there's a language detection message "This page is in Spanish" with options to "Translate" or " Nope", and a "Options" dropdown. The main content area shows the article title "Cartografía" and a brief description. A red circle highlights the "Editar" (Edit) button in the top right corner of the article view.

The bottom monitor displays the OpenStreetMap website at "www.openstreetmap.org". The map shows a detailed view of Central America, specifically focusing on countries like Chiapas, Guatemala, Honduras, El Salvador, and Nicaragua. The map features a color-coded administrative boundary layer and place names. A red circle highlights the "Edit" button in the top left corner of the map interface, which is part of a larger "Edit" menu. The OpenStreetMap interface also includes a search bar, a zoom control, and a scale bar indicating distances in kilometers and miles.

Editar el mapa en linea

View Edit History Export

Welcome, xamanu | home | inbox (0) | logout

Background Map Style GPS Options

Save Help Undo Redo

Add new points by dragging them onto the map

Shopping: Show all

- Supermarket Small Conver
- Bakery Alcohol shop

Food and Drink: Show all

- Water fountain Vending mac
- Pub Bar

Amenity: Show all

- Fire station Police Station
- Library Hospital

Tourism: Show all

- Museum Archaeologic
- Battlefield Castle

Accommodation: Show all

- Hotel Motel
- Hostel Guesthouse (E)

Transport: Show all

- Mini Roundal Traffic calmer
- Pedestrian cr Car Wash

Water:

- Weir Marina
- Slipway

Barrier: Show all

OpenStreetMap The Free Wiki World Map

Search Where am I? Go examples: 'Alkmaar', 'Regent Street, Cambridge', 'CB2 5AQ', or 'post offices near Lünen' more examples...

Help

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Community

Community Blogs Foundation User Diaries GPS Traces

Make a Donation

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- Bollard
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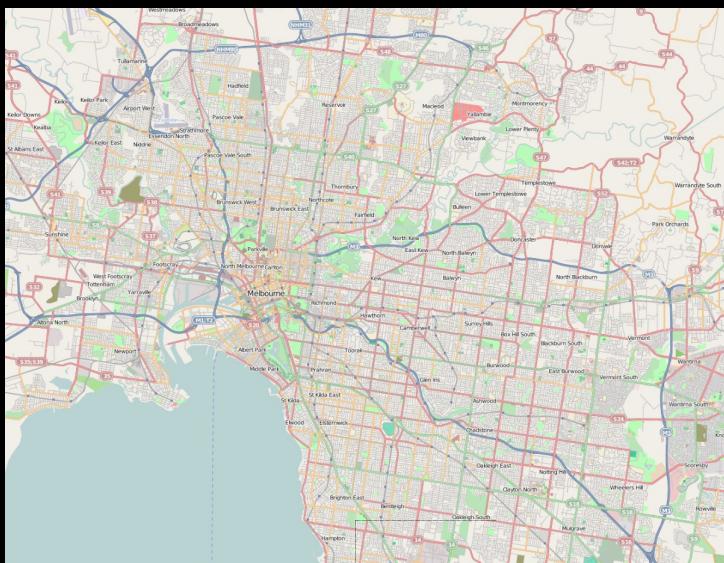
GPS Traces

Make a Donation

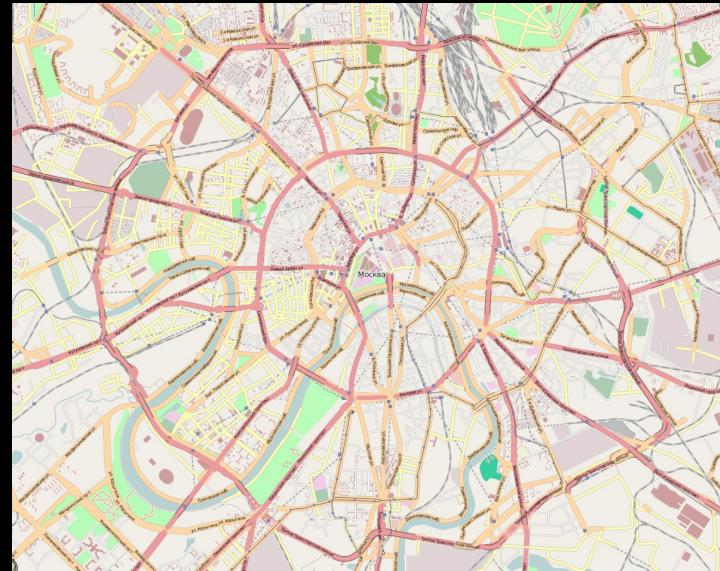
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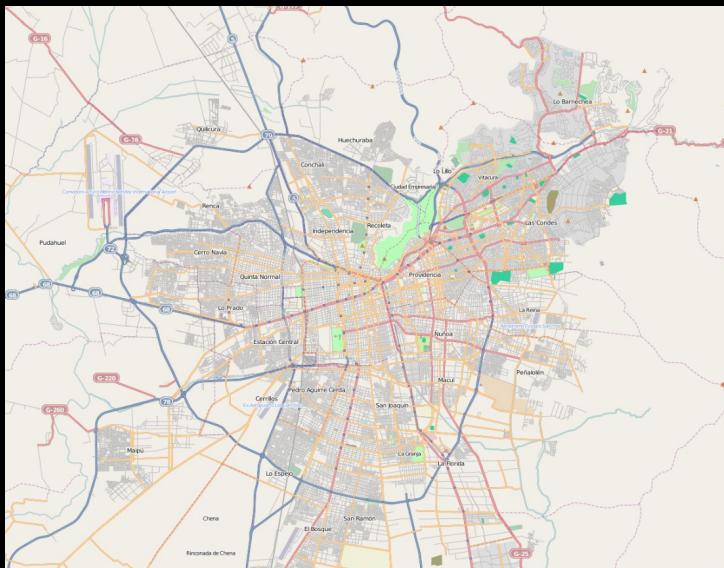
Background © Getmapping plc. © 2010 Intermap, © 2010 Geodex, © 2012 Microsoft Corporation



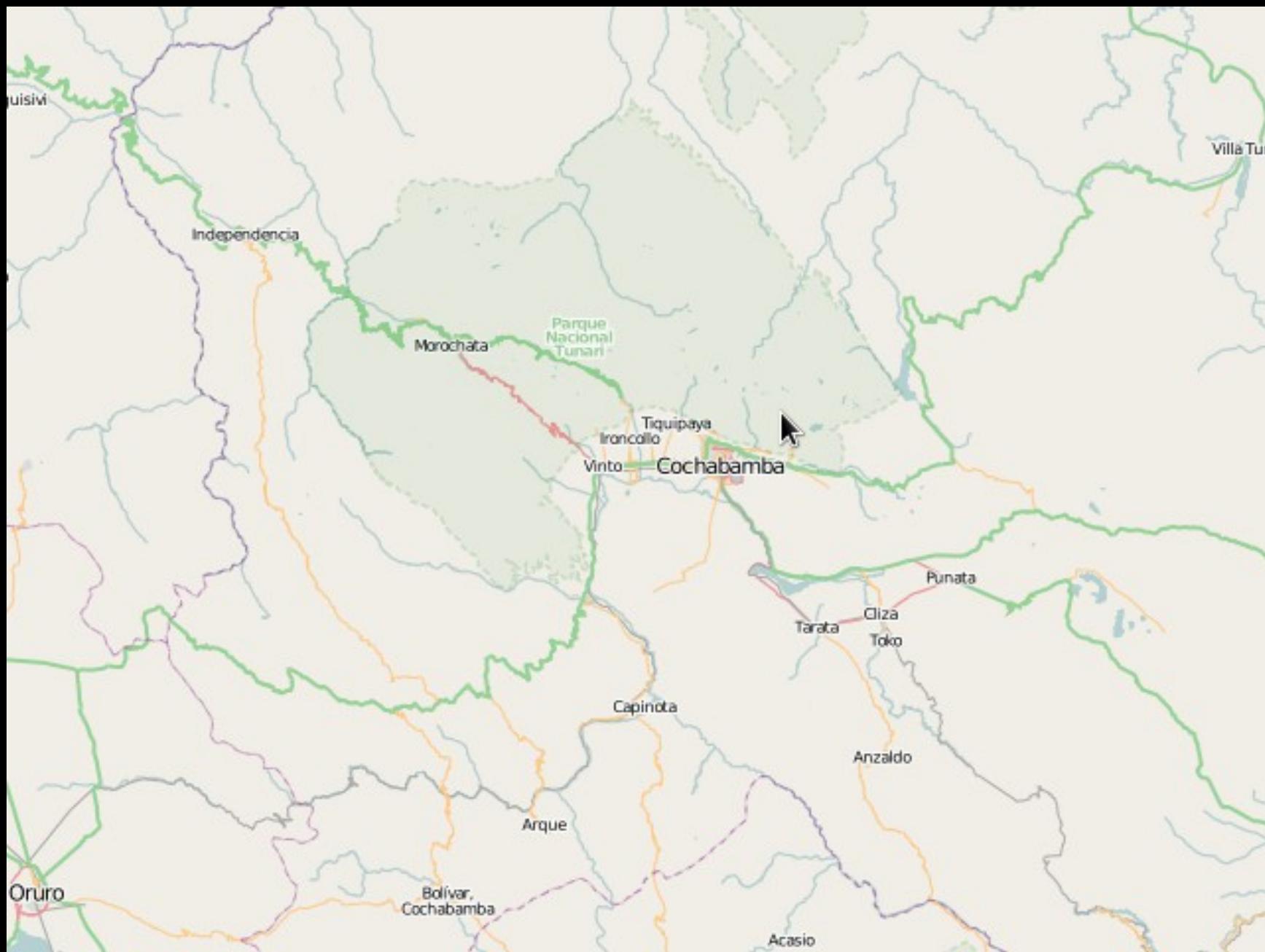
Melbourne, Australia



Moscú, Rusia



Santiago de Chile

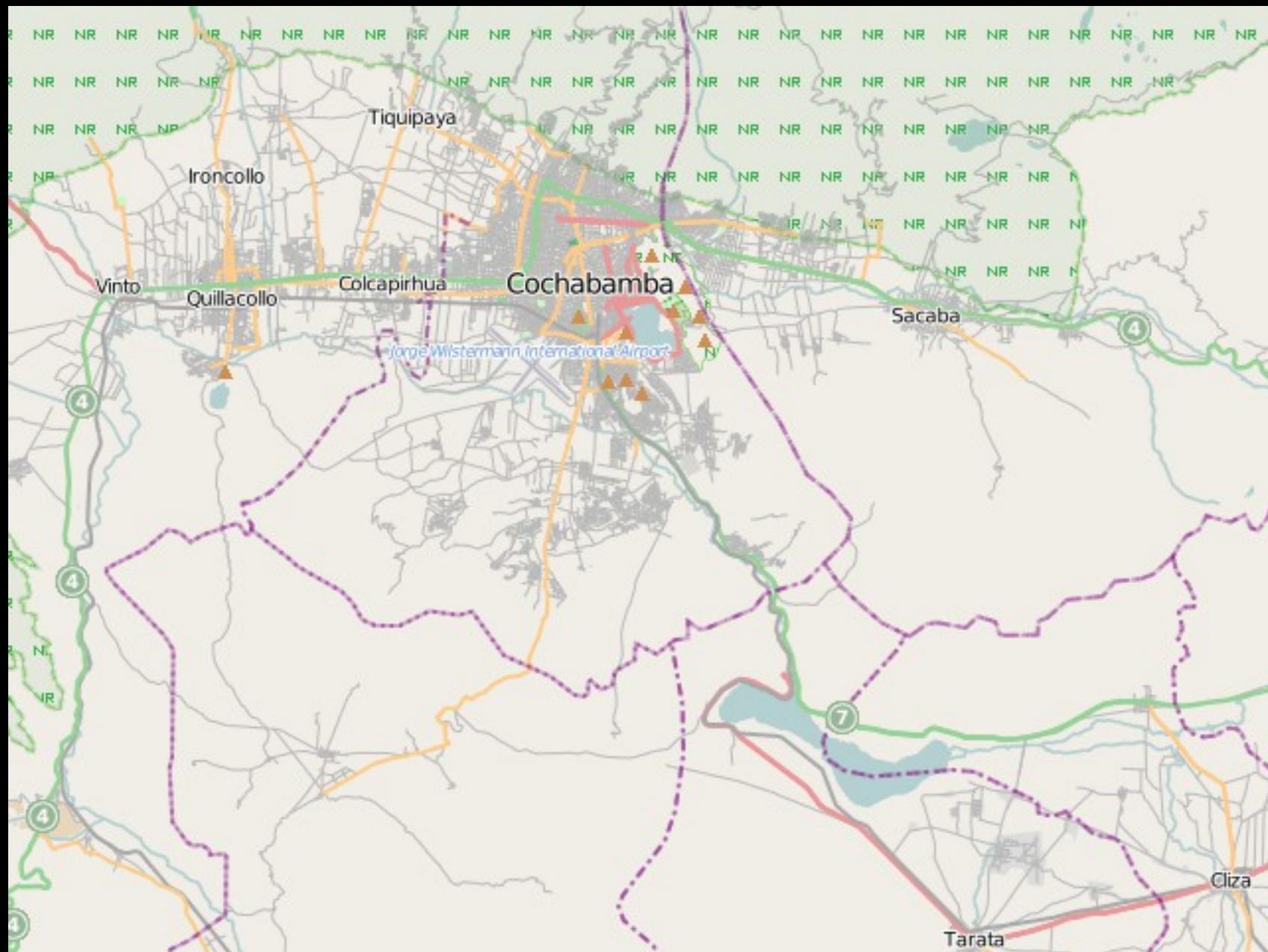


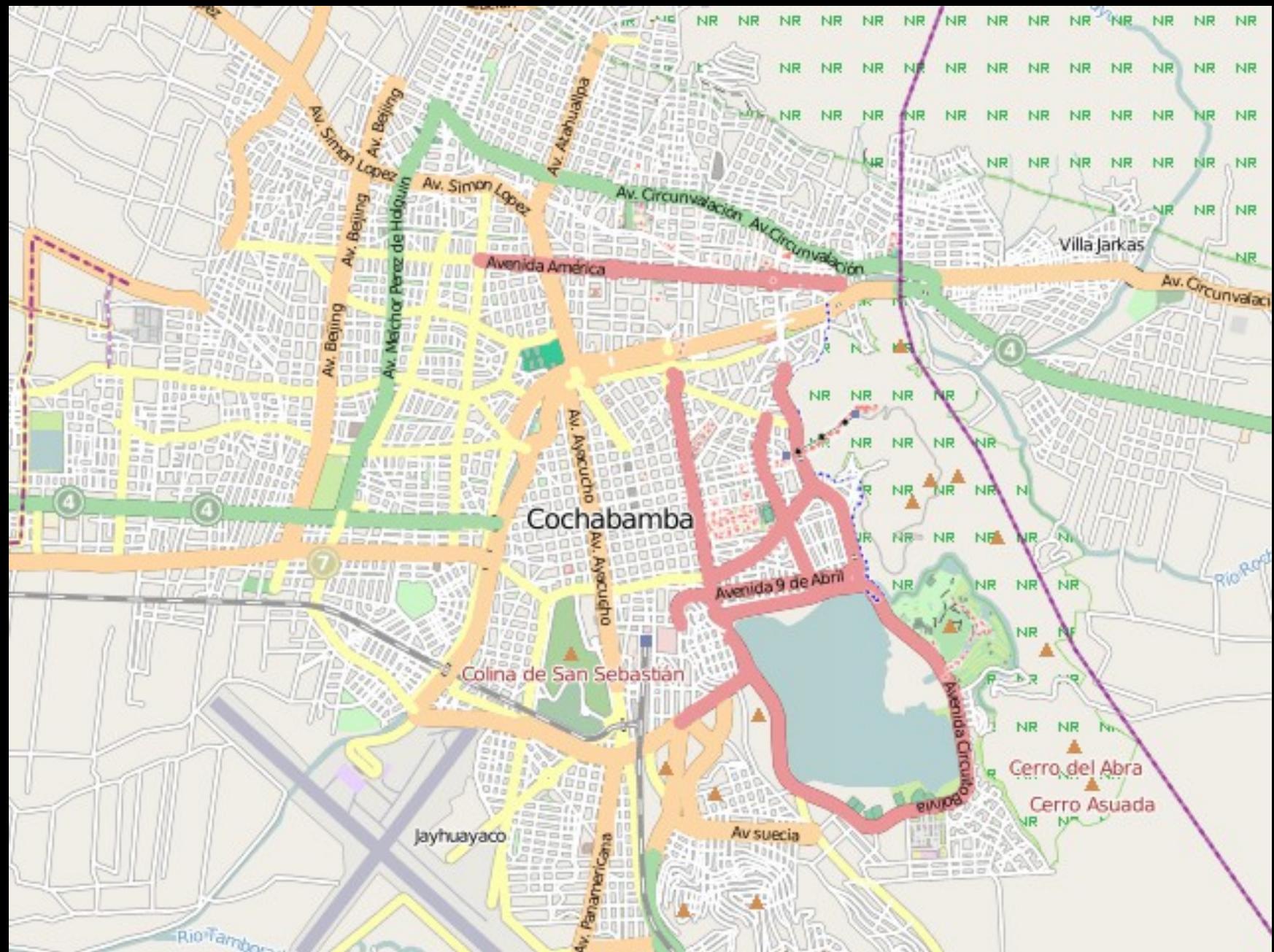


Mapas

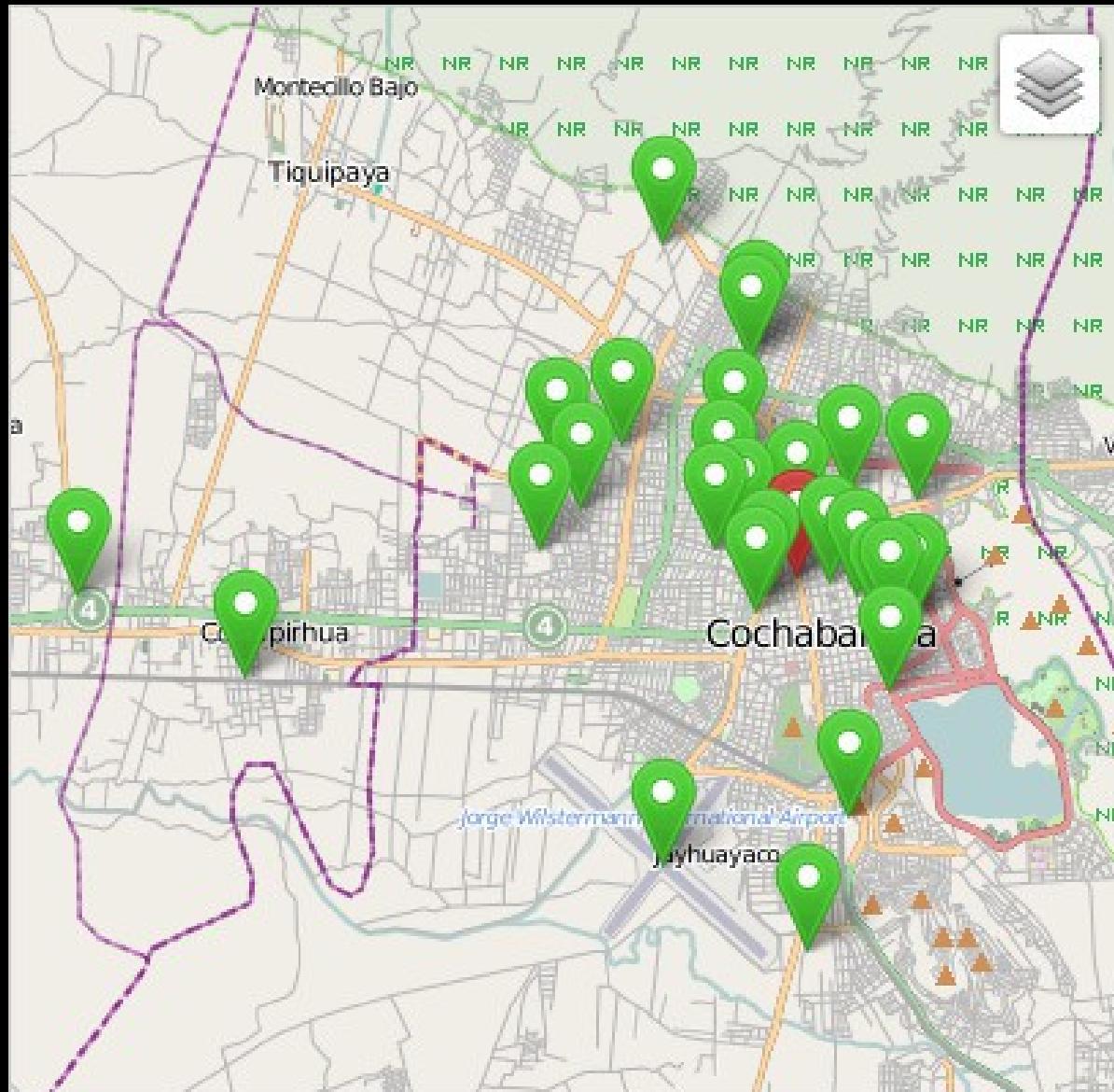
que cuentan historias

felix@delattre.de

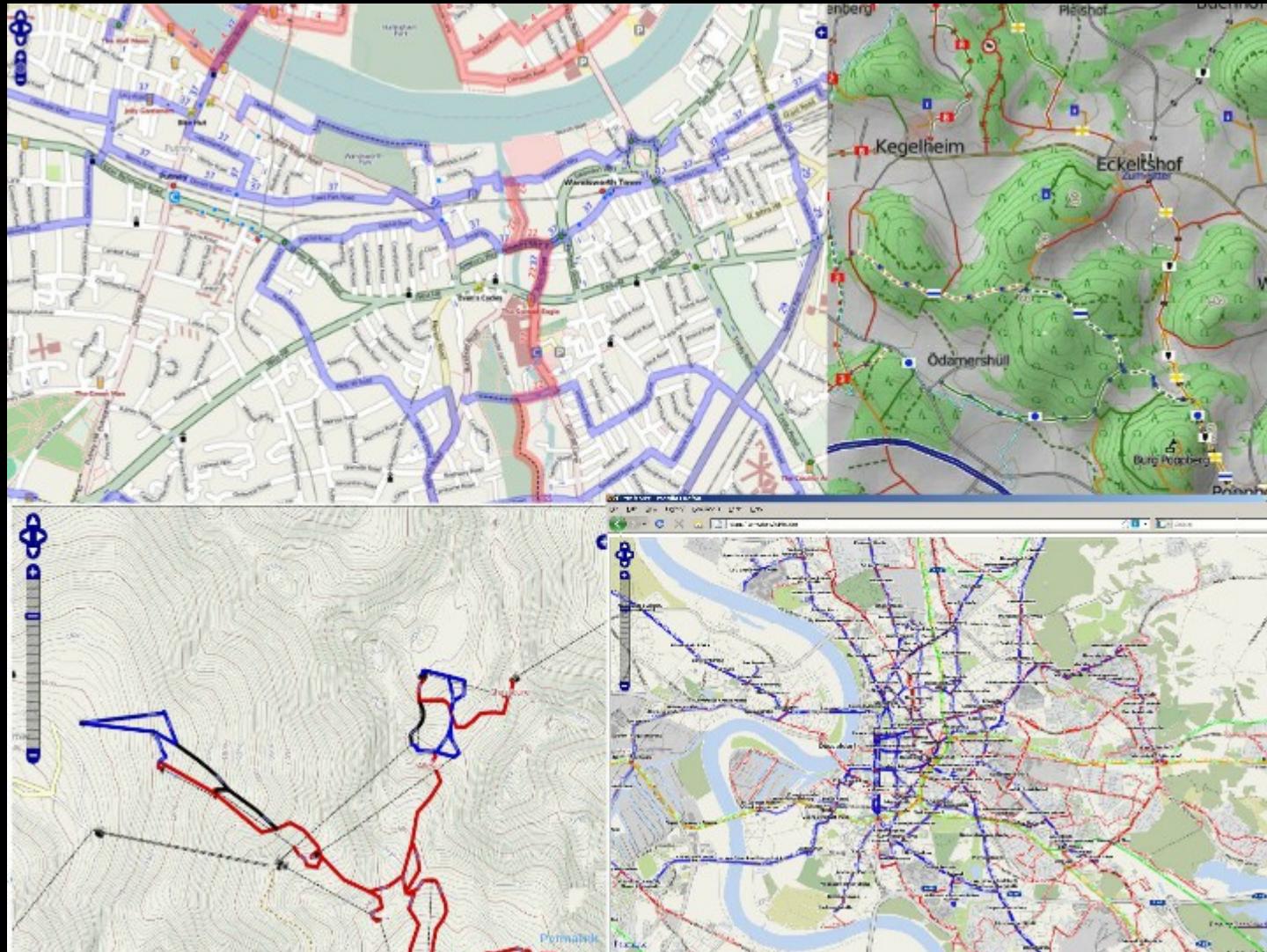




Colaboradores en Cochabamba

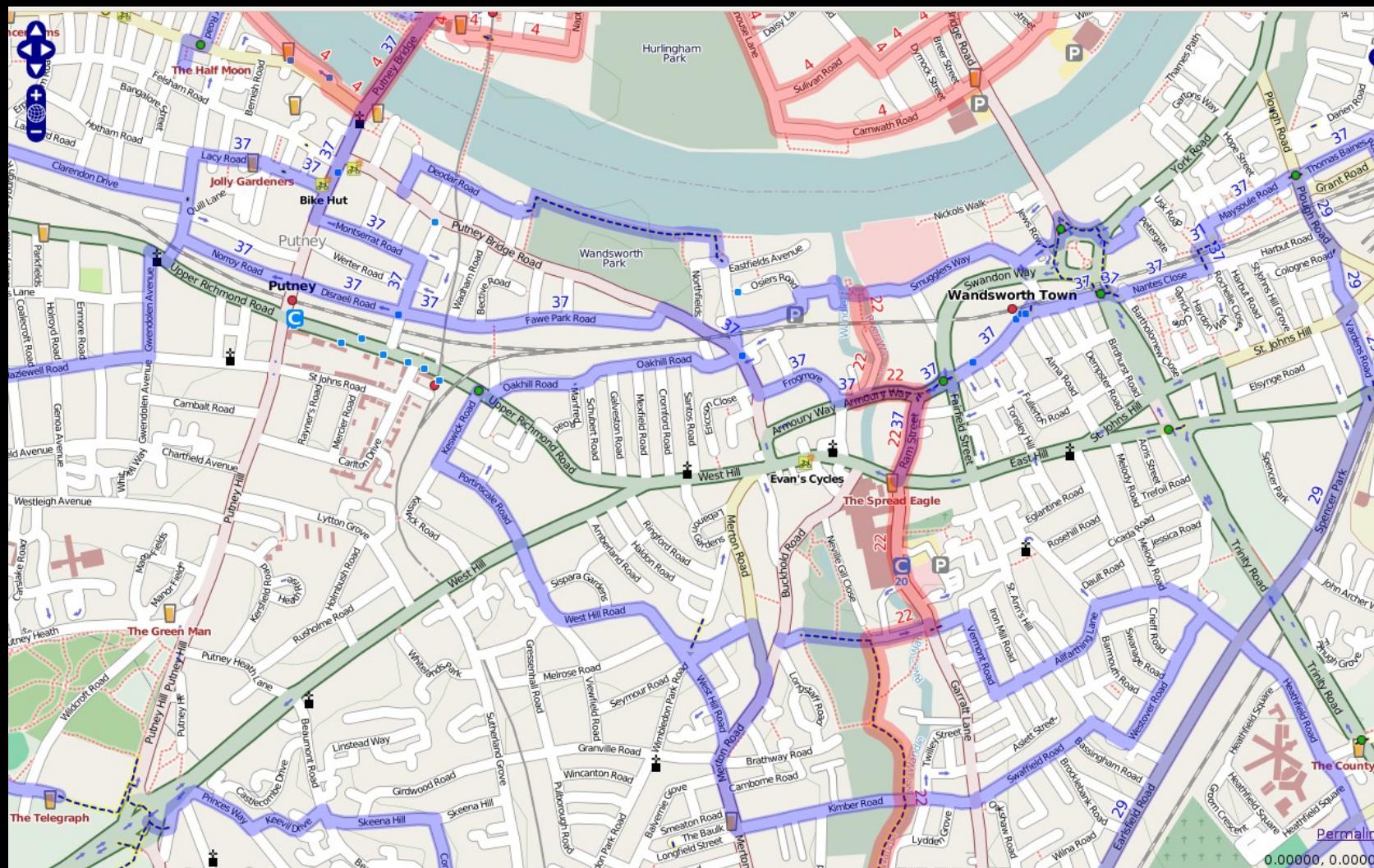


El mapa es exportable

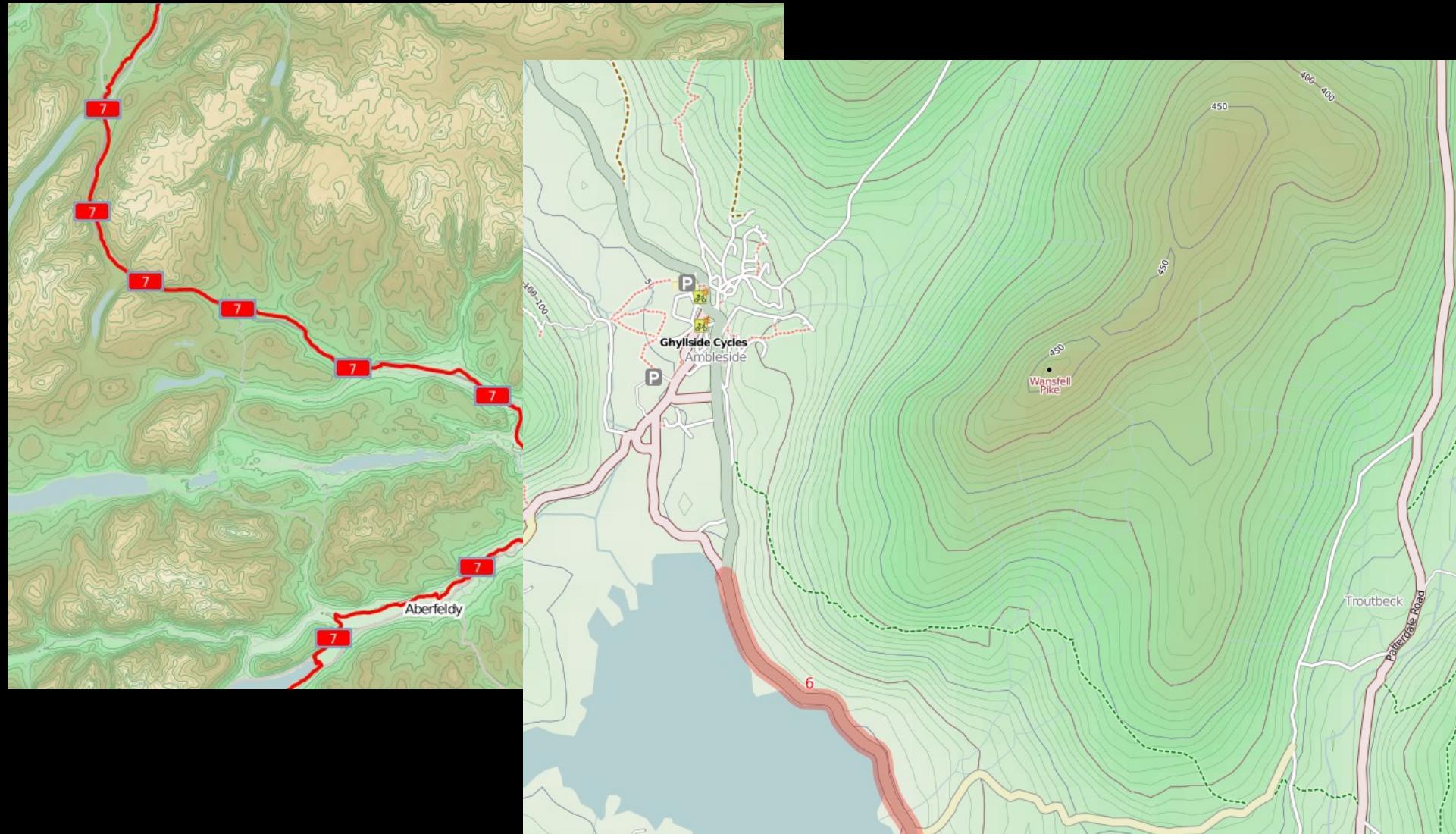




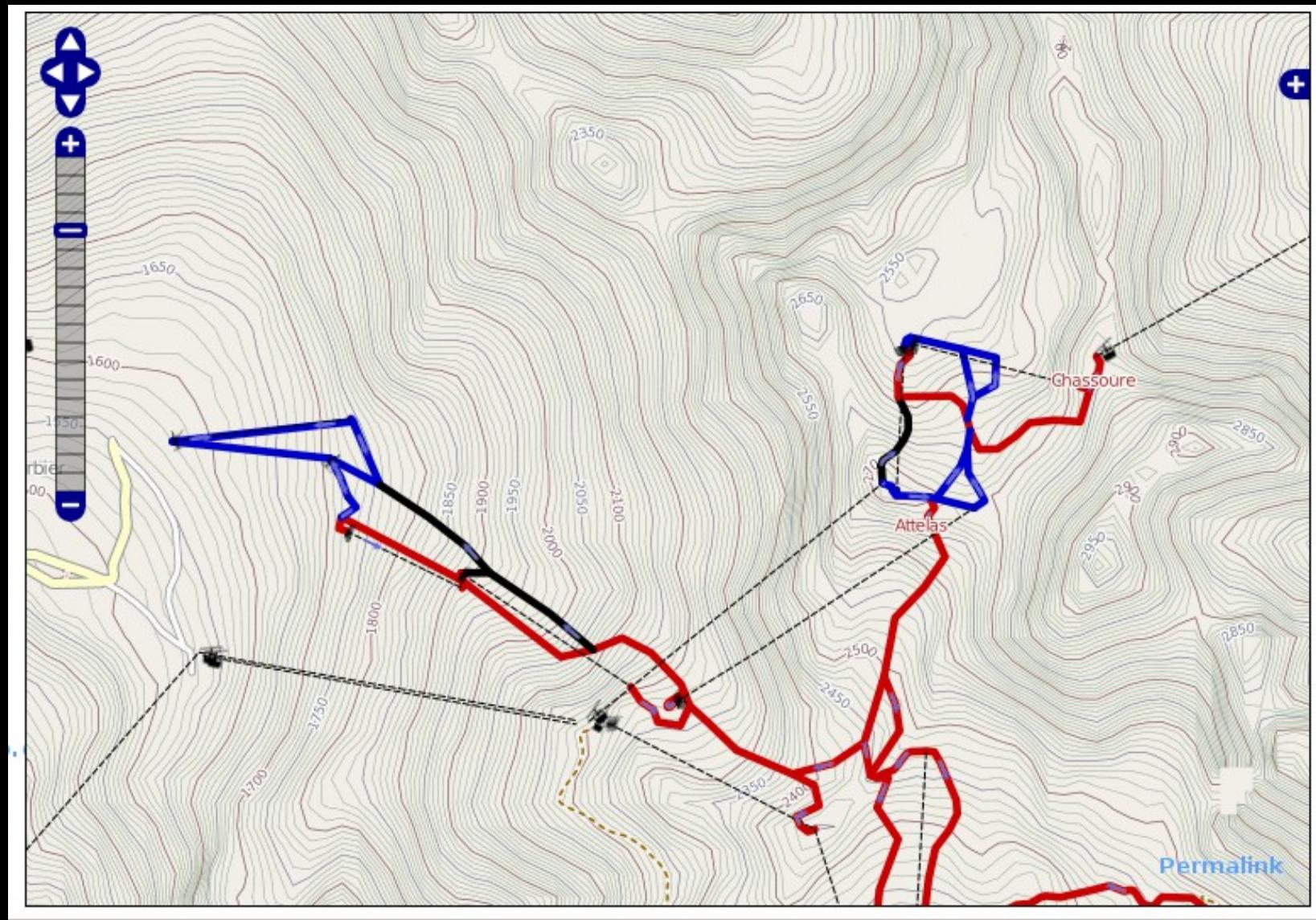
OpenCycleMap.org



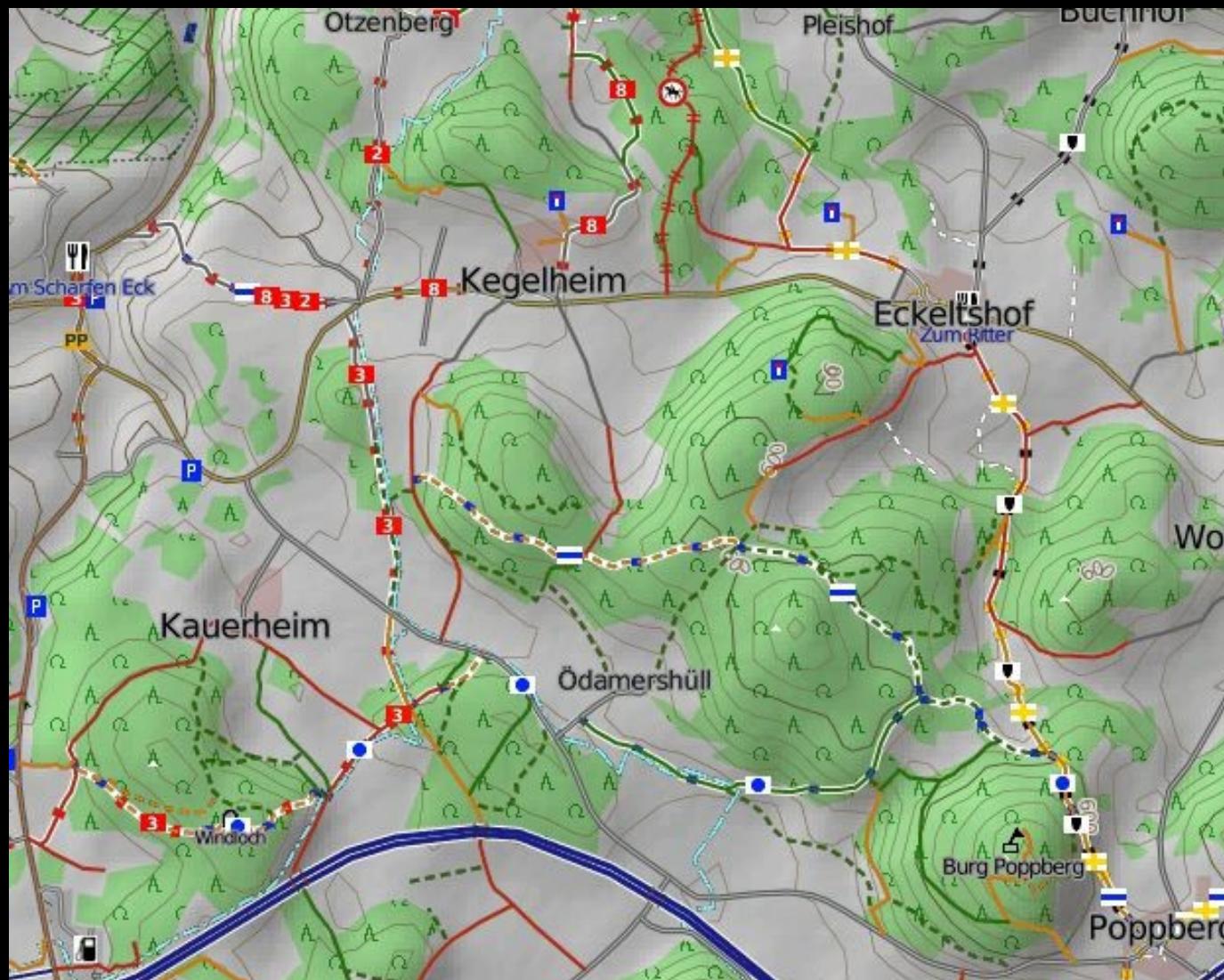
Mapas físicos



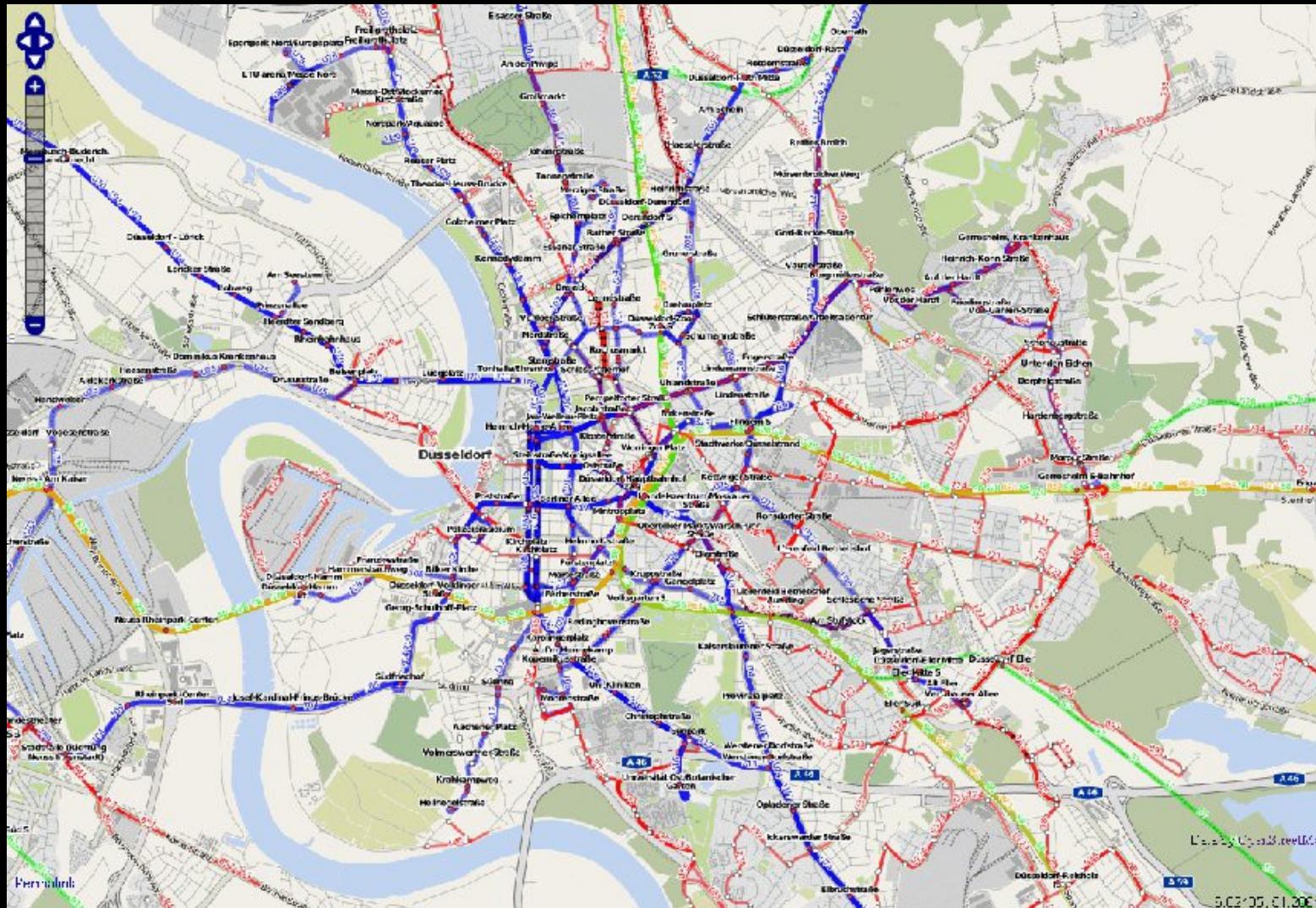
OpenPisteMap.org



Mapa para senderismo



Mapa de rutas de transporte público



Sistema de agua potable



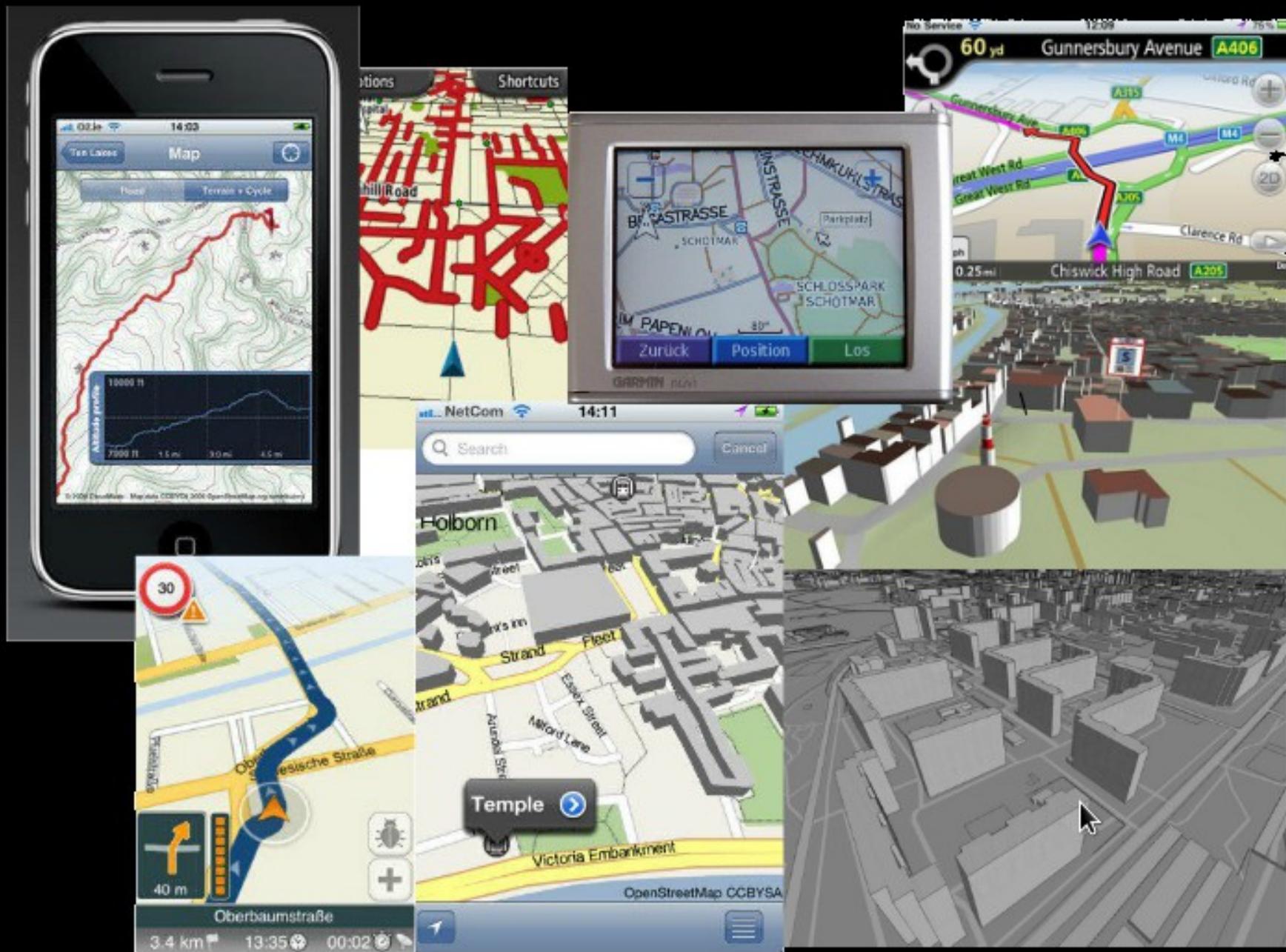
El mapa es exportable

Licencia abierta



Provee una API para utilizar el mapa en lugares externos

Varios formatos abiertos (PBF, OSM XML, ...)



Diseño individual



MapBox.com

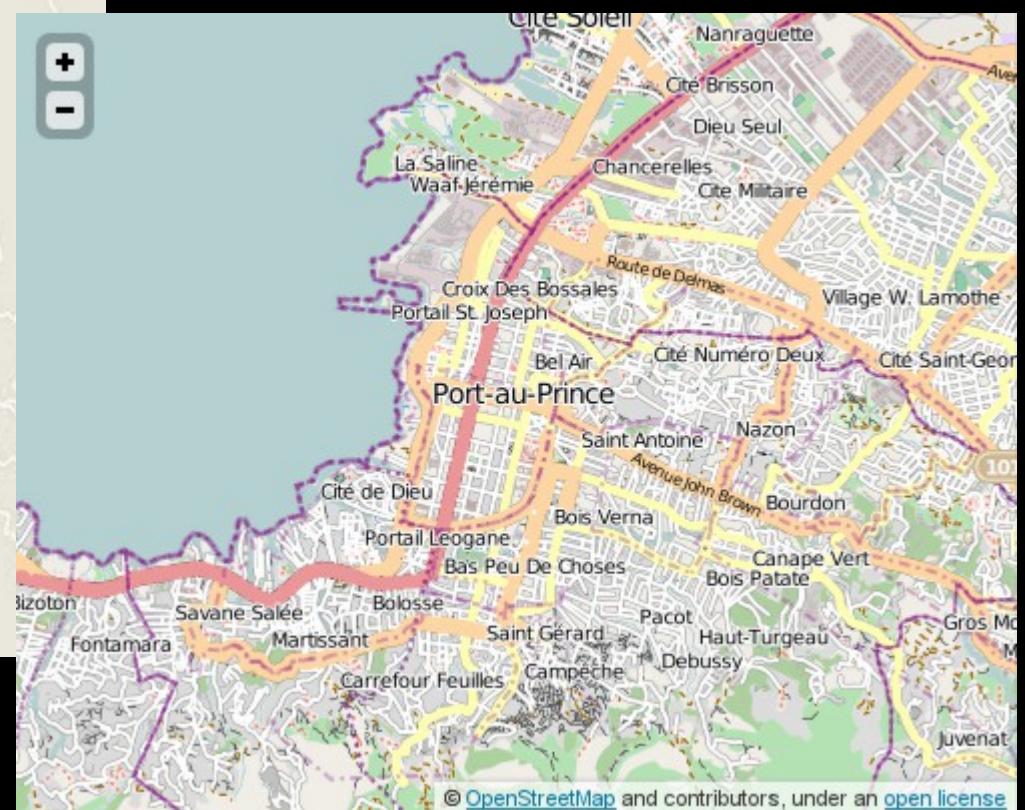


Ejemplo: Haití (OpenStreetMap)

Antes del terremoto



Después....



Ejemplo: Haití (OpenStreetMap)

Después del terremoto 2010, en Haití, GeoEye, una empresa privada publica imágenes de satélites con una licencia que permitía a la comunidad de Código Abierto de utilizarla.

La comunidad internacional empieza a apoyar....

Ejemplo: Haití (OpenStreetMap)



Ejemplo: Haití (OpenStreetMap)

Se usó la información geográfica para:

Los equipos de rescate.

Orientación de apoyo internacional en campamentos.

Asegurar el abastecimiento de agua potable.



2010/01/22

Herramienta Mapbox.com

Servicio de alojamiento de mapas personalizados.

Editor en linea para ajustes generalizados.

A partir de cierto volumen de uso tiene un costo.

Herramienta Tilemill

<http://mapbox.com/tilemill/>

Programa de diseño de mapas

Usa *carto* un lenguaje parecido a CSS para describir la apariencia.

Se exporta mapas en diferentes formatos (PNG, PDF, etc...) y en un nuevo formato MBTiles (Tejas de mapas (imagenes) en una base de datos SQLite).

MBTiles pueden ser cargado a [mapbox.com](http://mapbox.com/blog/talleres-mapeo-desarrollando-america-latina/) o en un servidor propio con Tilestream (<https://github.com/mapbox/tilestream>)

Más información

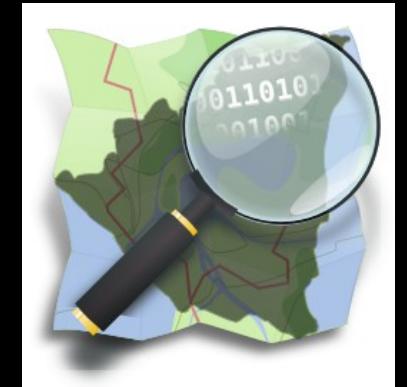
Talleres sobre OpenStreetMap, Mapbox y MapBox.js

<http://mapbox.com/blog/talleres-mapeo-desarrollando-america-latina/>

OpenStreetMap Nicaragua

http://wiki.openstreetmap.org/wiki/WikiProject_Nicaragua

<http://lists.openstreetmap.org/listinfo/talk-ni>





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