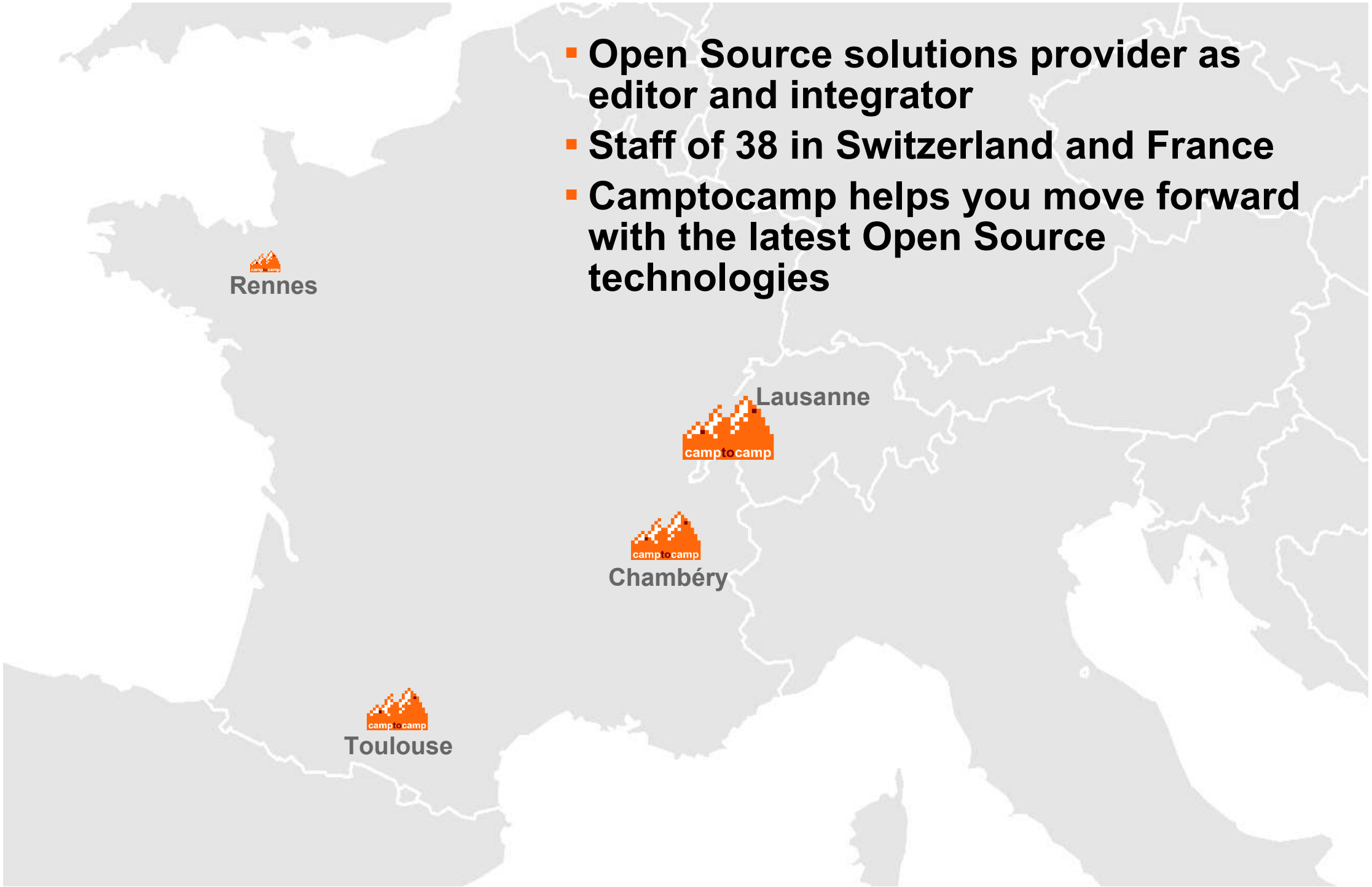
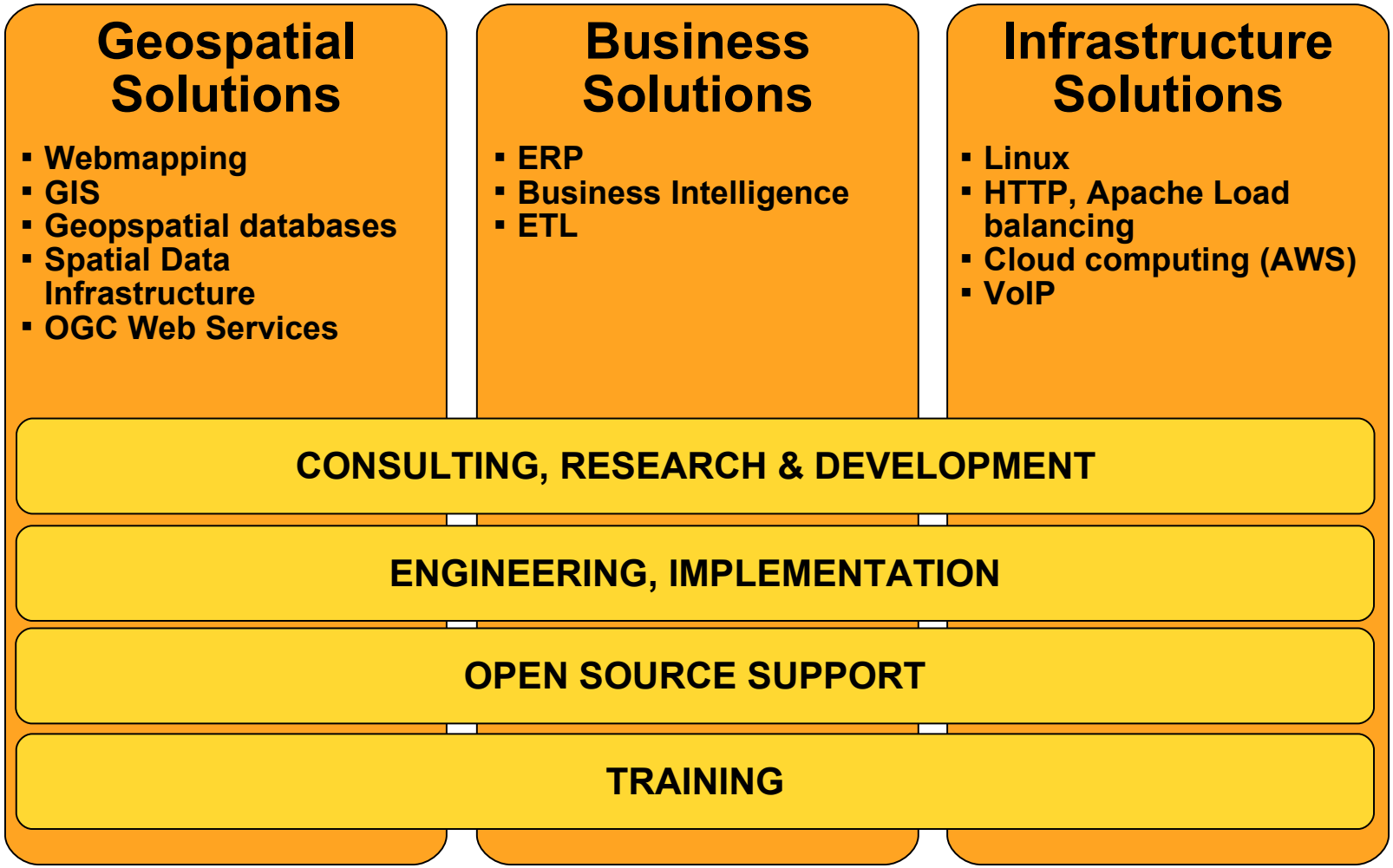
# MapFish

## How to create a web 2.0 mapping application with MapFish development framework ?




- **Open Source solutions provider as editor and integrator**
- **Staff of 38 in Switzerland and France**
- **Camptocamp helps you move forward with the latest Open Source technologies**

# Camptocamp activity domains



# What is MapFish ?

MapFish is an easy-to-use and extensible web 2.0 mapping application framework.

But, what is a framework ?

From wikipedia : “A framework is a basic conceptual structure used to

solve or address complex issues.”

The framework aims to alleviate the overhead associated with common activities performed in

Web mapping development.

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# More details about this framework?

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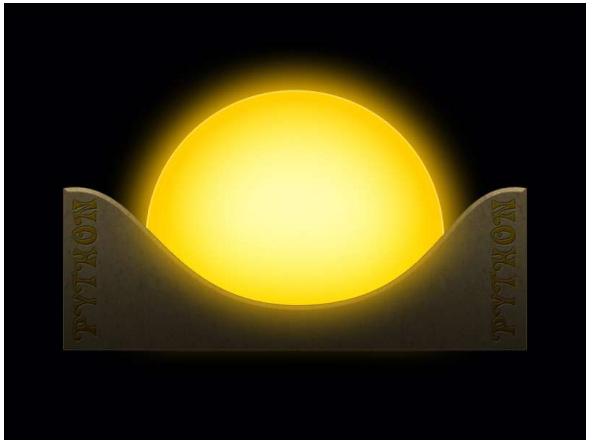
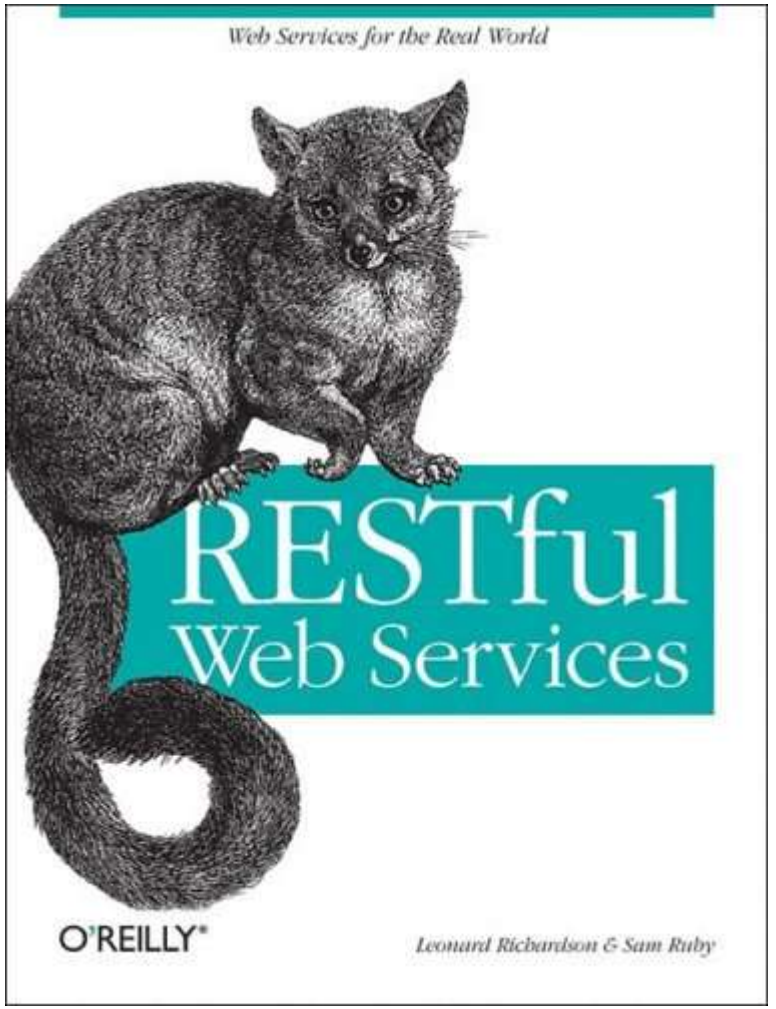
# MapFish Server

MapFish Server provides functionality to create easily REST services for spatial data (for inserting, updating, querying and deleting spatial data).

MapFish server extends the Pylons framework with geospatial-specific functionality and uses library like Shapely or SqlAlchemy.

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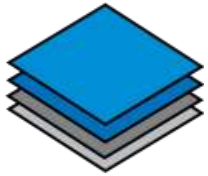
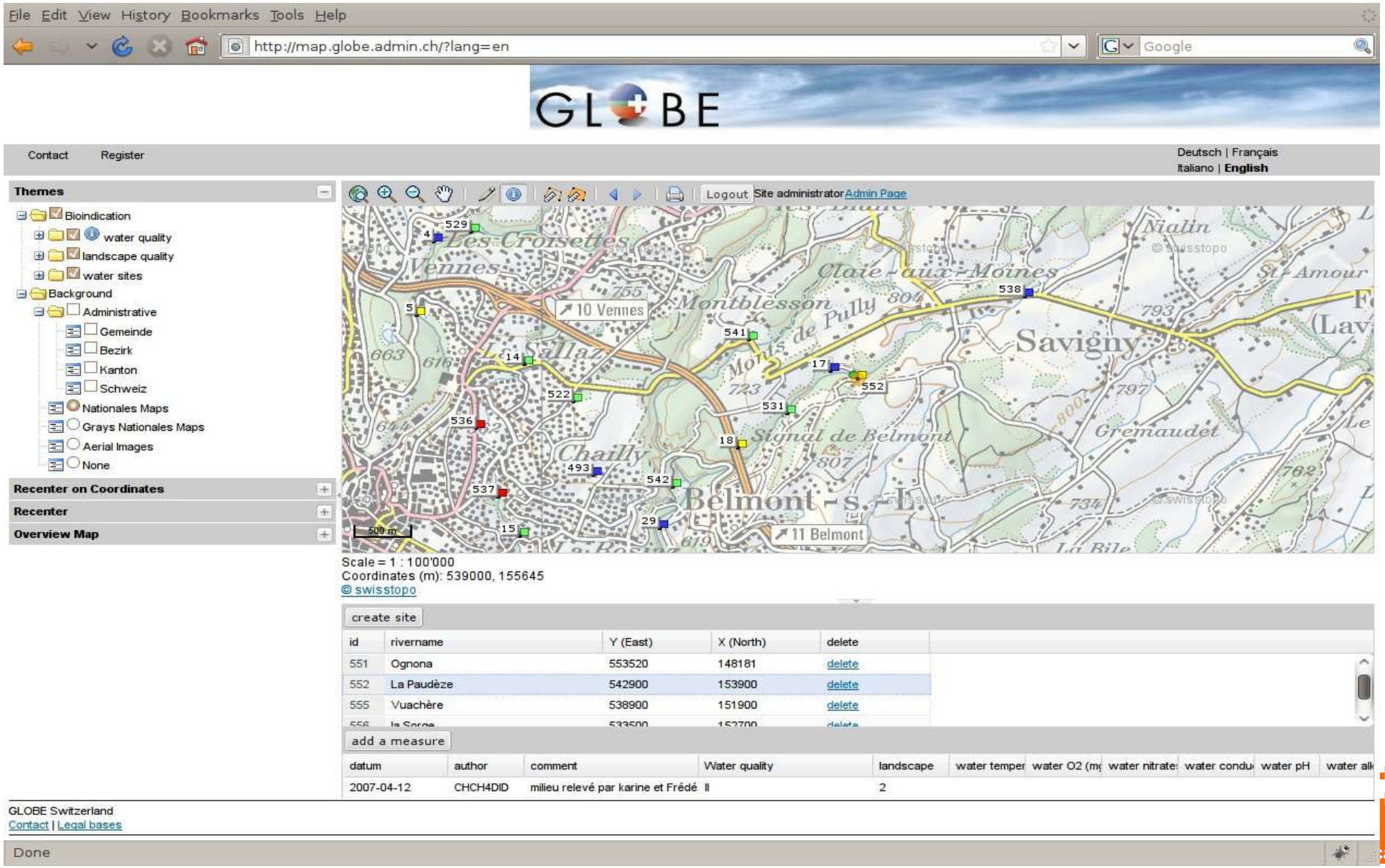
# MapFish Client

MapFish Client is a Javascript Toolbox used to allow the developer to create Rich Internet Applications.

The JavaScript toolbox is composed of the ExtJS, OpenLayers, GeoExt JavaScript toolkits, and specific components for interacting with MapFish REST web services.



# Rich UI: http://map.globe.admin.ch/



# MapFish Status and License

Last stable release 1.2

PSC in construction & incubation process by OSGEO

New WebSite

License GPLV3, ongoing discussions

- BSD for MapFish -> ExtJS is not shipped with MapFish anymore
- GPLV3 -> as it is now

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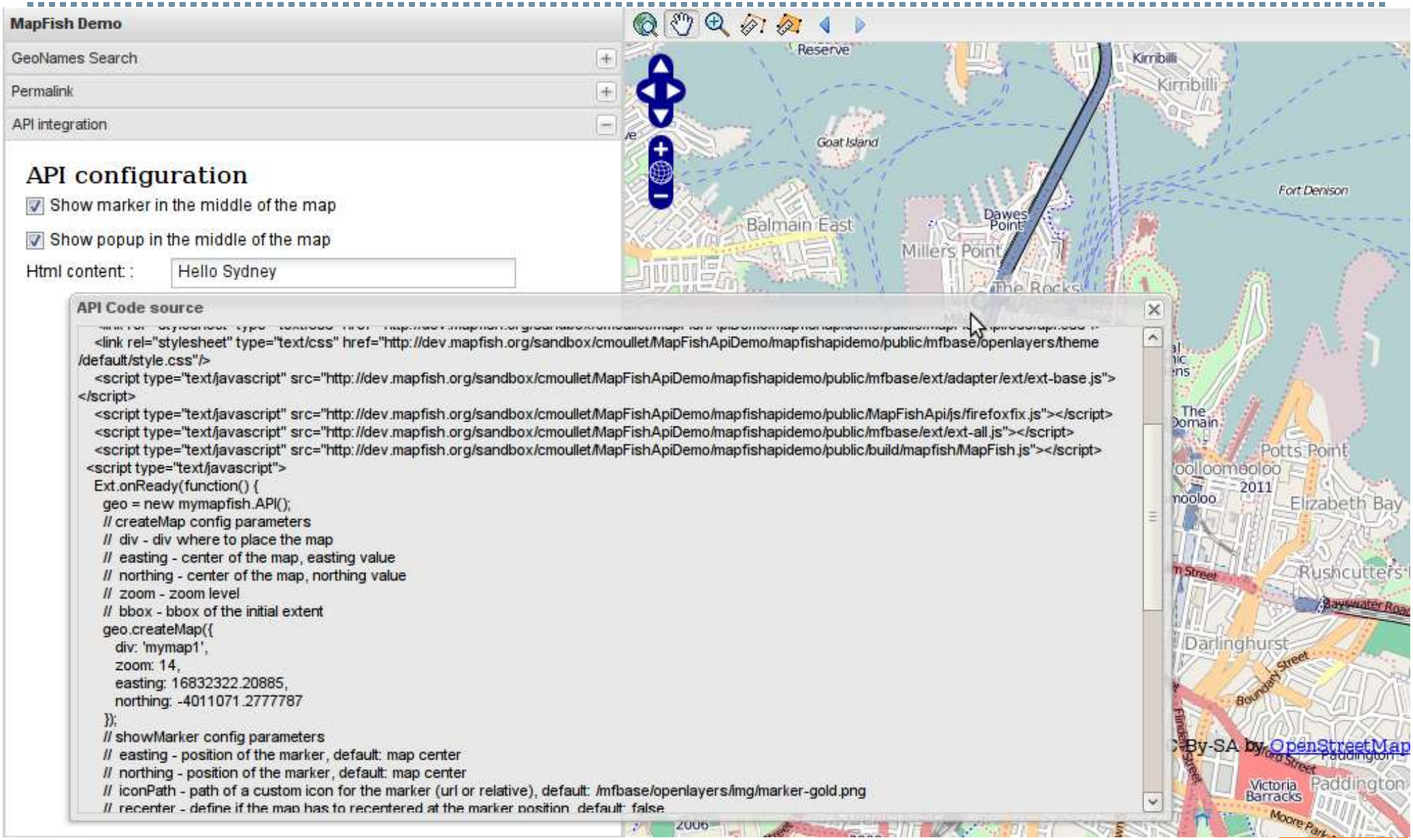
# The MapFish Ecosystem

MapFishAPI to integrate MapFish application in other applications (CMS, Web site, ...) and to manage applicative permalinks

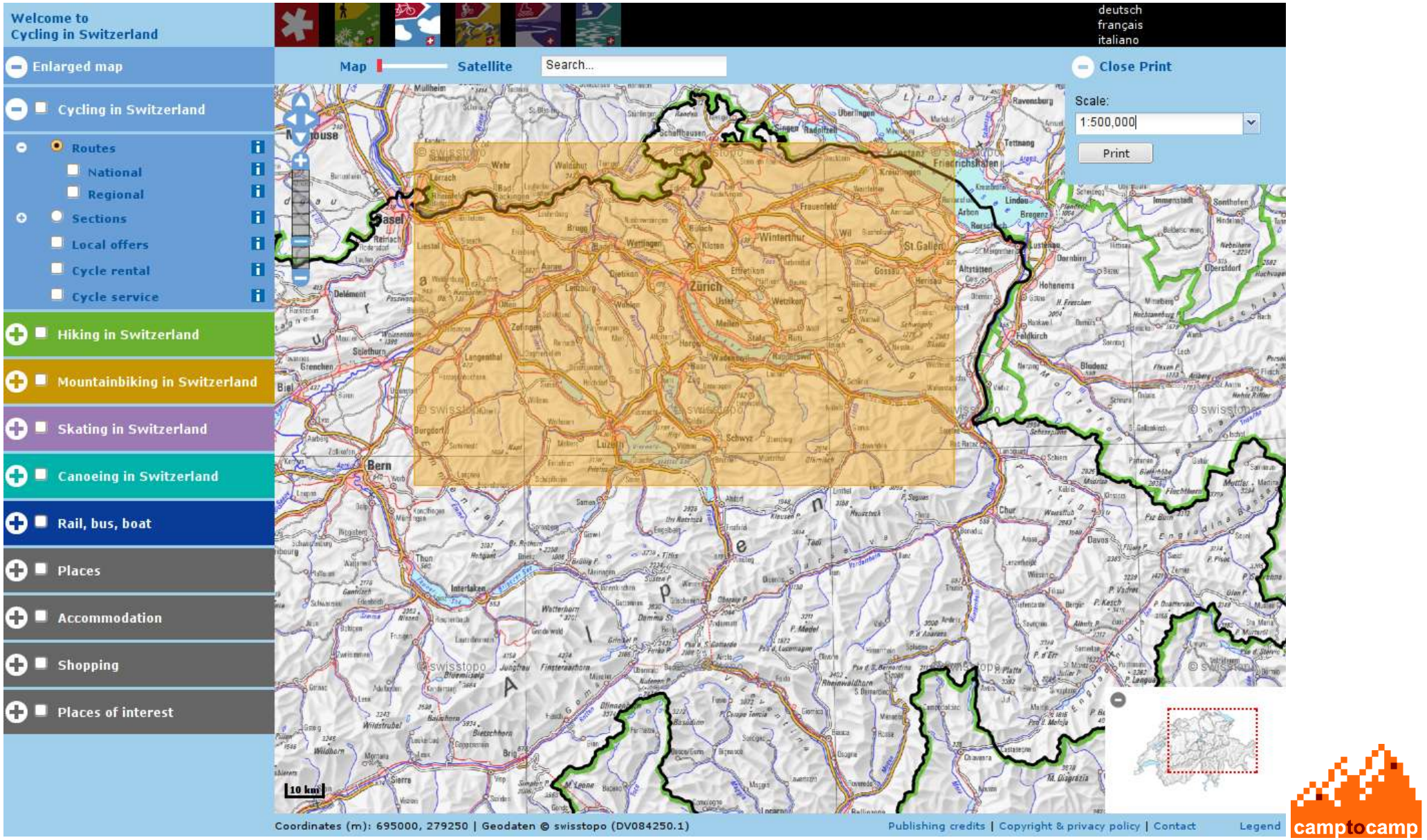
MapFish Print to generate PDF

Various implementations of MapFish REST Protocol:

# MapFishAPI and permalinks



# MapFish Print



# But, what can I do with MapFish Framework ?

… create MapFish applications !

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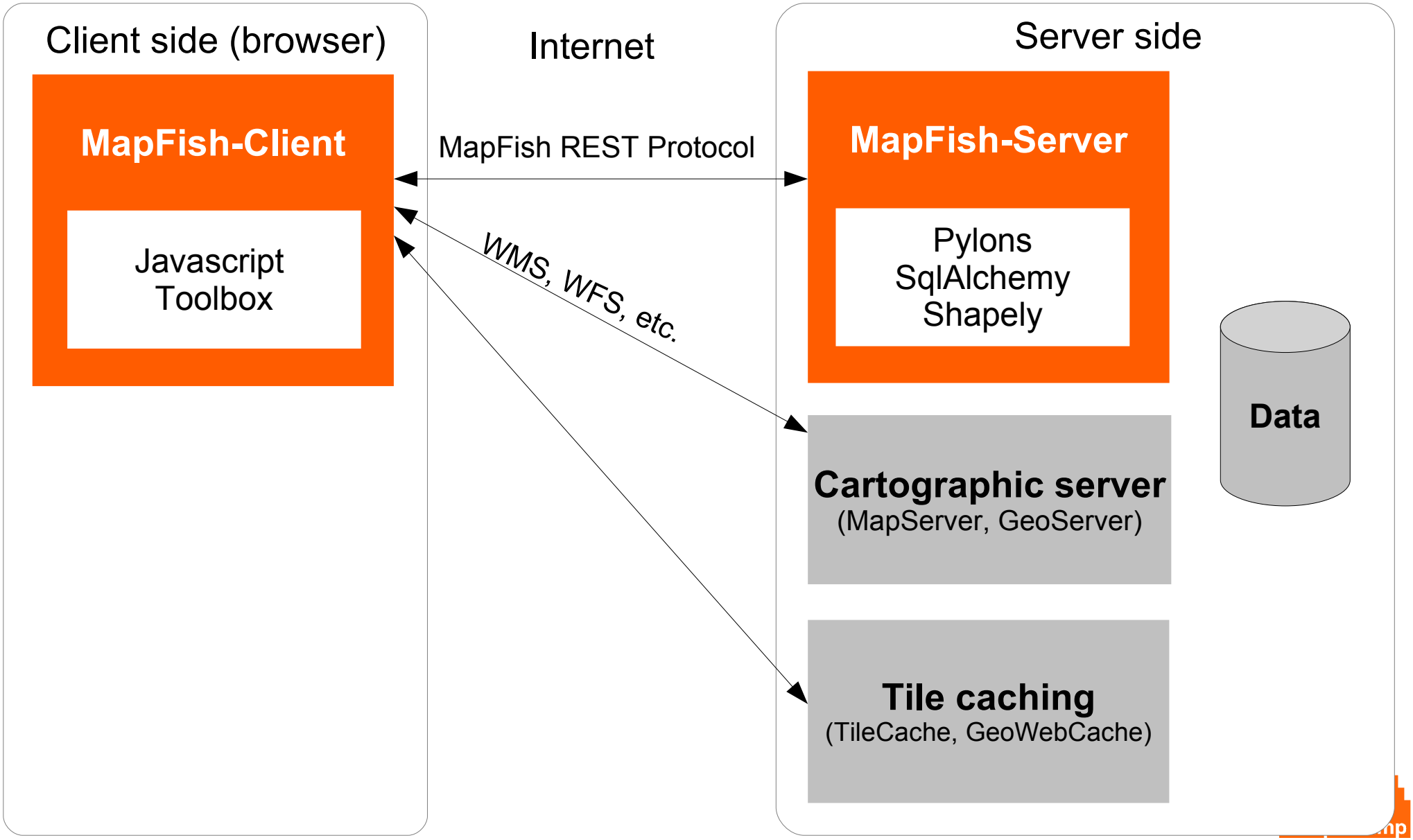
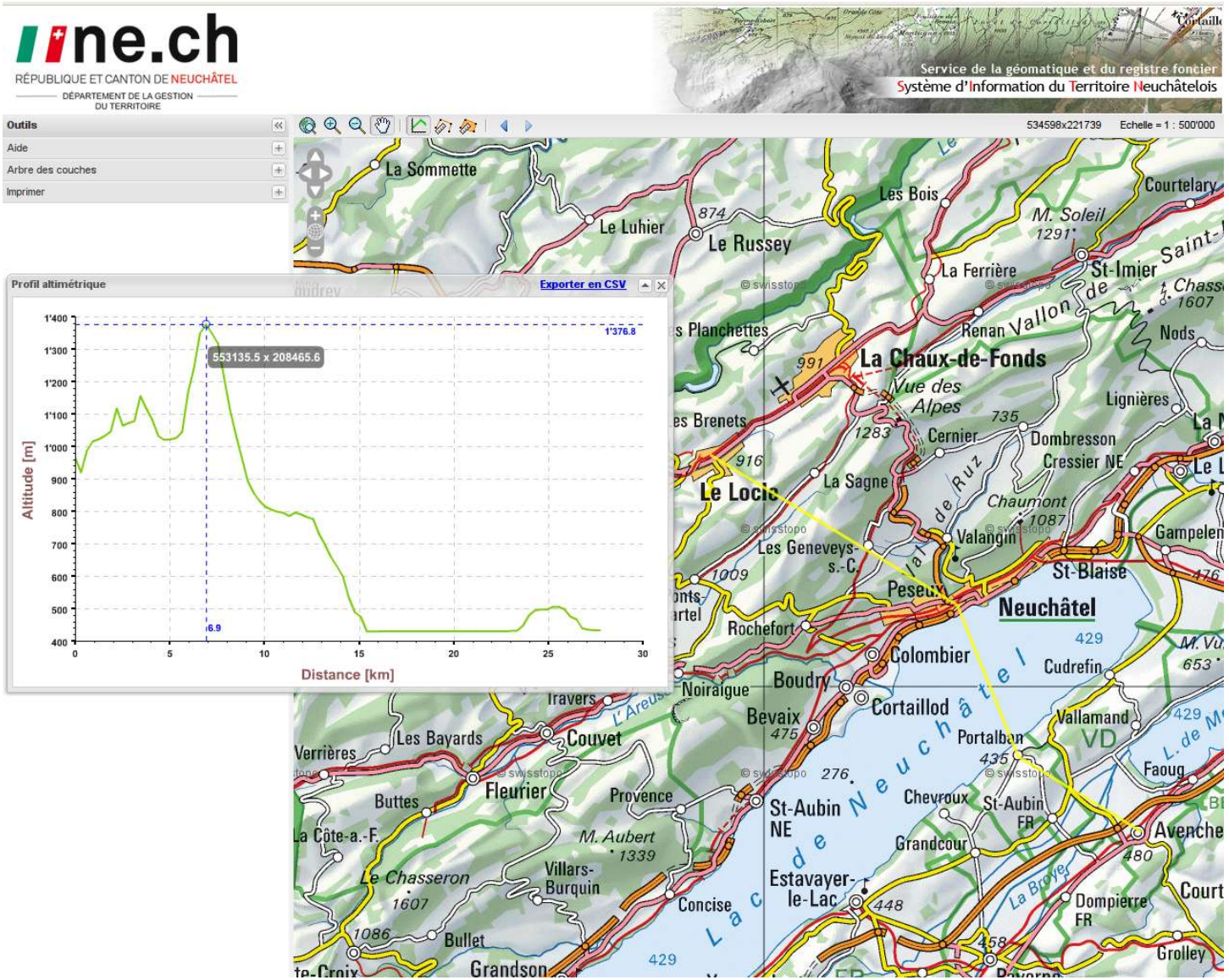
# MapFish Application – General architecture



# Profile

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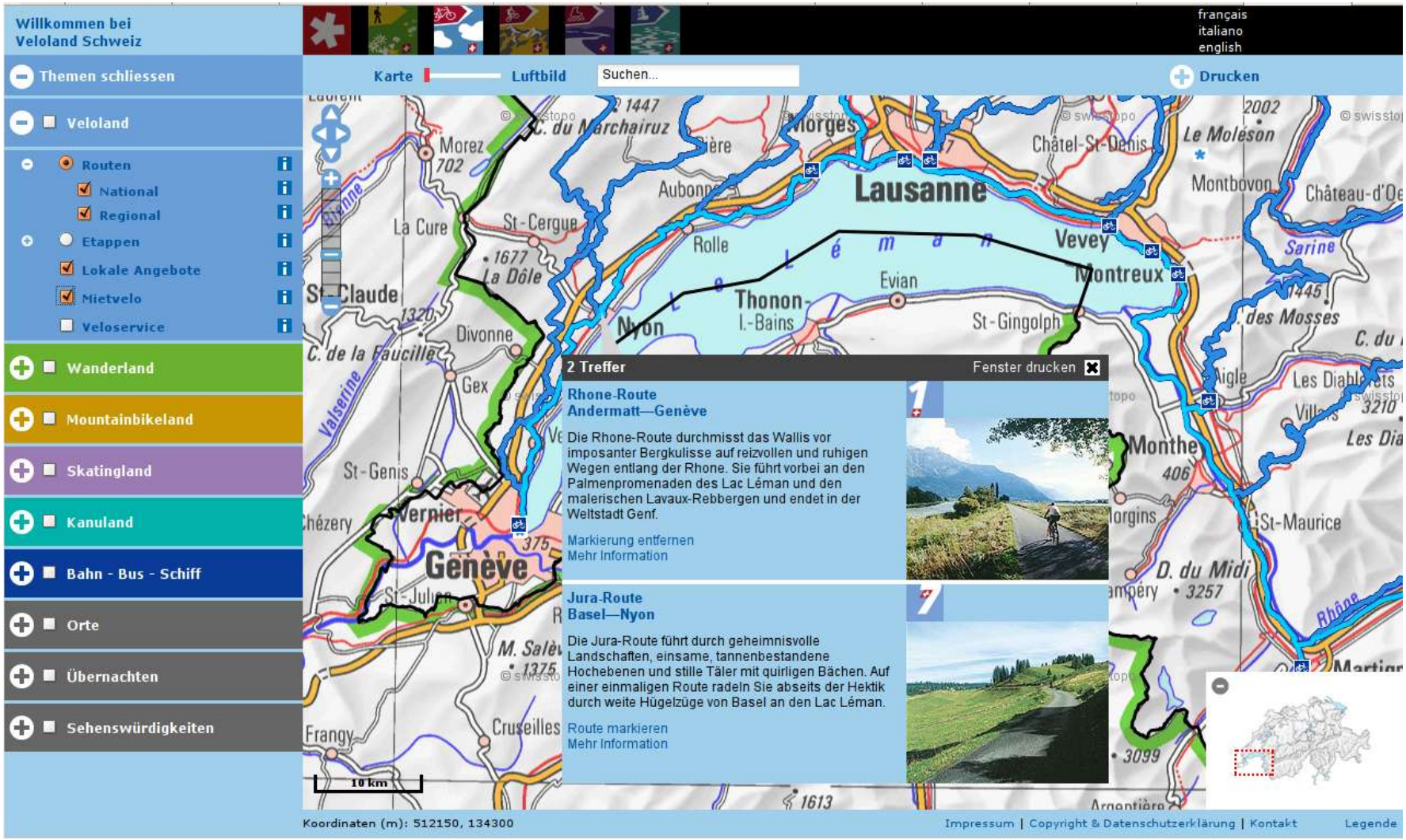
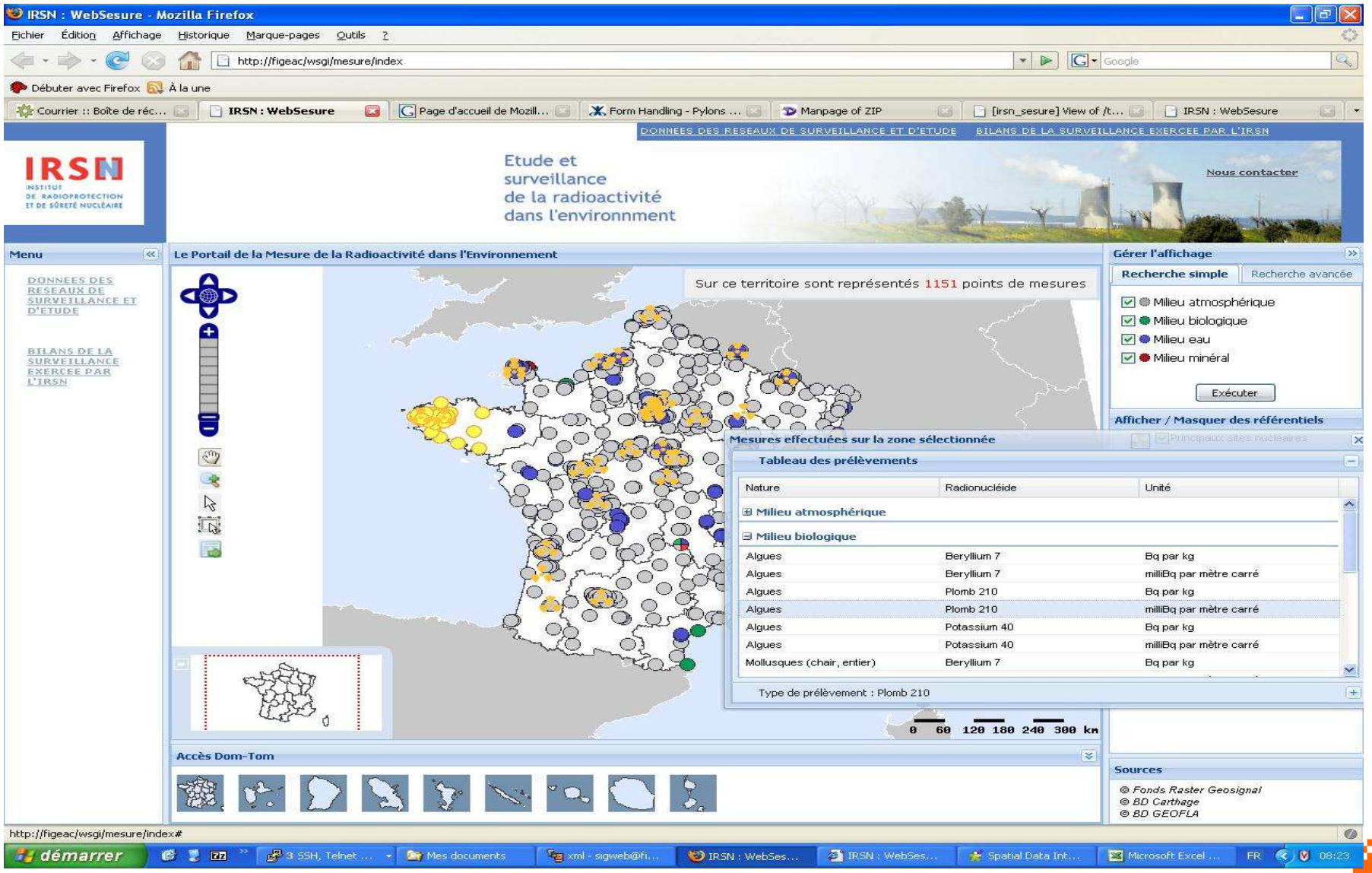
# Veloland



Willkommen bei Veloland Schweiz
français
italiano
english
Themen schliessen
Karte
Luftbild
Suchen...
Drucken
Veloland
Routen
National
Regional
Etappen
Lokale Angebote
Mietvelo
Veloservice
Wanderland
Mountainbikeland
Skatingland
Kanuland
Bahn - Bus - Schiff
Orte
Übernachten
Sehenswürdigkeiten
2 Treffer
Fenster drucken
Rhone-Route
Andermatt—Genève
Die Rhone-Route durchmisst das Wallis vor imposanter Bergkulisse auf reizvollen und ruhigen Wegen entlang der Rhone. Sie führt vorbei an den Palmenpromenaden des Lac Léman und den malerischen Lavaux-Rebbergen und endet in der Weltstadt Genf.
Markierung entfernen
Mehr Information
Jura-Route
Basel—Nyon
Die Jura-Route führt durch geheimnisvolle Landschaften, einsame, tannenbestandene Hochebenen und stille Täler mit quirligen Bächen. Auf einer einmaligen Route radeln Sie abseits der Hektik durch weite Hügelzüge von Basel an den Lac Léman.
Route markieren
Mehr Information
Lausanne
Genève
Vevey
Montreux
Nyon
Thonon-l.-Bains
Evian
St-Gingolph
Rolle
Morges
Aubonne
Châtel-St-Denis
Le Moléson
Montbovon
Château-d'Oe
Sarine
Monthe
St-Maurice
D. du Midi
Aigle
Les Diablerets
Villars
Les Dia
Morez
La Cure
St-Cergue
La Dôle
St-Claude
Divonne
Gex
St-Genis
Vernier
Chézery
St-Julien
M. Salèv
Cruseilles
Frangy
Valserine
Rhône
10 km
Koordinaten (m): 512150, 134300
Impressum | Copyright & Datenschutzerklärung | Kontakt
Legende

# IRSN


IRSN : WebSesure - Mozilla Firefox
Fichier Édition Affichage Historique Marque-pages Outils ?
http://figeac/wsgi/mesure/index
IRSN : WebSesure
DONNEES DES RESEAUX DE SURVEILLANCE ET D'ETUDE
BILANS DE LA SURVEILLANCE EXERCEE PAR L'IRSN
Etude et surveillance de la radioactivité dans l'environnment
Nous contacter
Menu
DONNEES DES RESEAUX DE SURVEILLANCE ET D'ETUDE
BILANS DE LA SURVEILLANCE EXERCEE PAR L'IRSN
Le Portail de la Mesure de la Radioactivité dans l'Environnement
Sur ce territoire sont représentés 1151 points de mesures
Gérer l'affichage
Recherche simple
Recherche avancée
Milieu atmosphérique
Milieu biologique
Milieu eau
Milieu minéral
Exécuter
Afficher / Masquer des référentiels
Mesures effectuées sur la zone sélectionnée
Tableau des prélèvements
Nature
Radionucléide
Unité
Milieu atmosphérique
Milieu biologique
Algues Beryllium 7 Bq par kg
Algues Beryllium 7 milliBq par mètre carré
Algues Plomb 210 Bq par kg
Algues Plomb 210 milliBq par mètre carré
Algues Potassium 40 Bq par kg
Algues Potassium 40 milliBq par mètre carré
Mollusques (chair, entier) Beryllium 7 Bq par kg
Type de prélèvement : Plomb 210
0 60 120 180 240 300 km
Accès Dom-Tom
Sources
© Fonds Raster Geosignal
© BD Carthage
© BD GEOFLA
démarrer

# Coffee. What else ?

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# Is it difficult to install ?

1. Download a script
2. Execute this script

**That's it !**

**Supported platform: Windows, Linux (Mac OS working, but not officially supported)**

# Diversity of applications and functions

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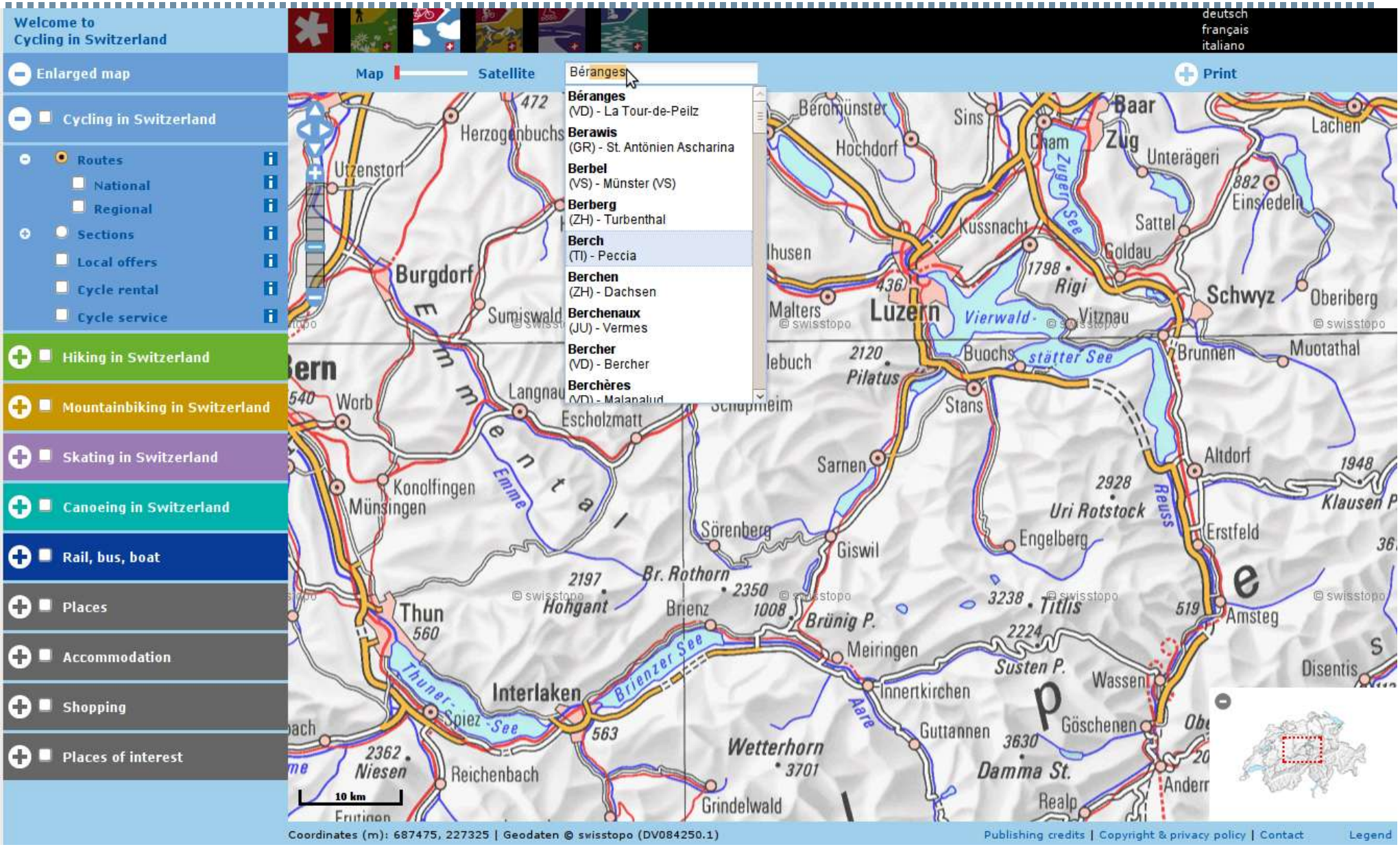
# Search



Welcome to
Cycling in Switzerland
deutsch
français
italiano
Enlarged map
Cycling in Switzerland
Routes
National
Regional
Sections
Local offers
Cycle rental
Cycle service
Hiking in Switzerland
Mountainbiking in Switzerland
Skating in Switzerland
Canoeing in Switzerland
Rail, bus, boat
Places
Accommodation
Shopping
Places of interest
Map
Satellite
Béranges
Print
Béranges
(VD) - La Tour-de-Peilz
Berawis
(GR) - St. Antönien Ascharina
Berbel
(VS) - Münster (VS)
Berberg
(ZH) - Turbenthal
Berch
(TI) - Peccia
Berchen
(ZH) - Dachsen
Berchenaux
(JU) - Vermes
Bercher
(VD) - Bercher
Berchères
Luzern
Schwyz
Burgdorf
Thun
Interlaken
Wetterhorn
Grindelwald
Sarnen
Stans
Altdorf
Amsteg
Göschenen
Wassen
Meiringen
Brienz
Sörenberg
Giswil
Engelberg
Erstfeld
Uri Rotstock
Pilatus
Rigi
Vitznau
Buochs
Brunnen
Muotathal
Oberiberg
Einsiedeln
Sattel
Goldau
Unterägeri
Zug
Baar
Cham
Sins
Hochdorf
Küssnacht
Malters
Sumiswald
Langnau
Escholzmatt
Worb
Konolfingen
Münsingen
Hohgant
Br. Rothorn
Brünig P.
Titlis
Susten P.
Innertkirchen
Guttannen
Damma St.
Realp
Wetterhorn
Niesen
Reichenbach
Spiez
Thuner See
Brienzer See
Zuger See
Vierwaldstätter See
Emme
Reuss
Aare
10 km
Coordinates (m): 687475, 227325 | Geodaten © swisstopo (DV084250.1)
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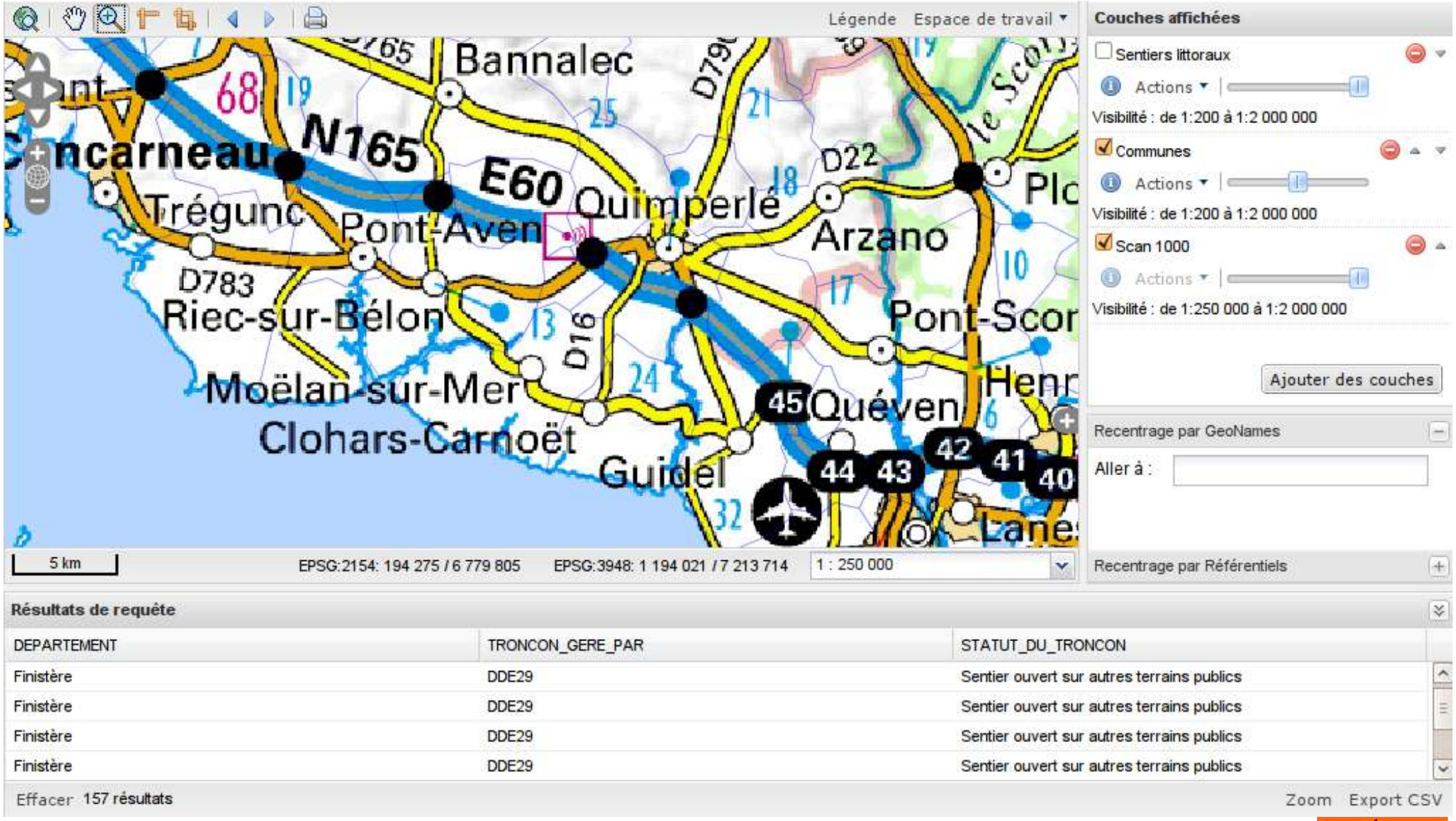
Legend

# How can I create my first MapFish application ?

1. Create a MapFish server
2. Create a MapFish client

**That's it !**

# Layer Tree




**Résultats de requête**

| DEPARTEMENT | TRONCON_GERE_PAR | STATUT_DU_TRONCON |
|---|---|---|
| Finistère | DDE29 | Sentier ouvert sur autres terrains publics |
| Finistère | DDE29 | Sentier ouvert sur autres terrains publics |
| Finistère | DDE29 | Sentier ouvert sur autres terrains publics |
| Finistère | DDE29 | Sentier ouvert sur autres terrains publics |

Effacer 157 résultats  Zoom  Export CSV

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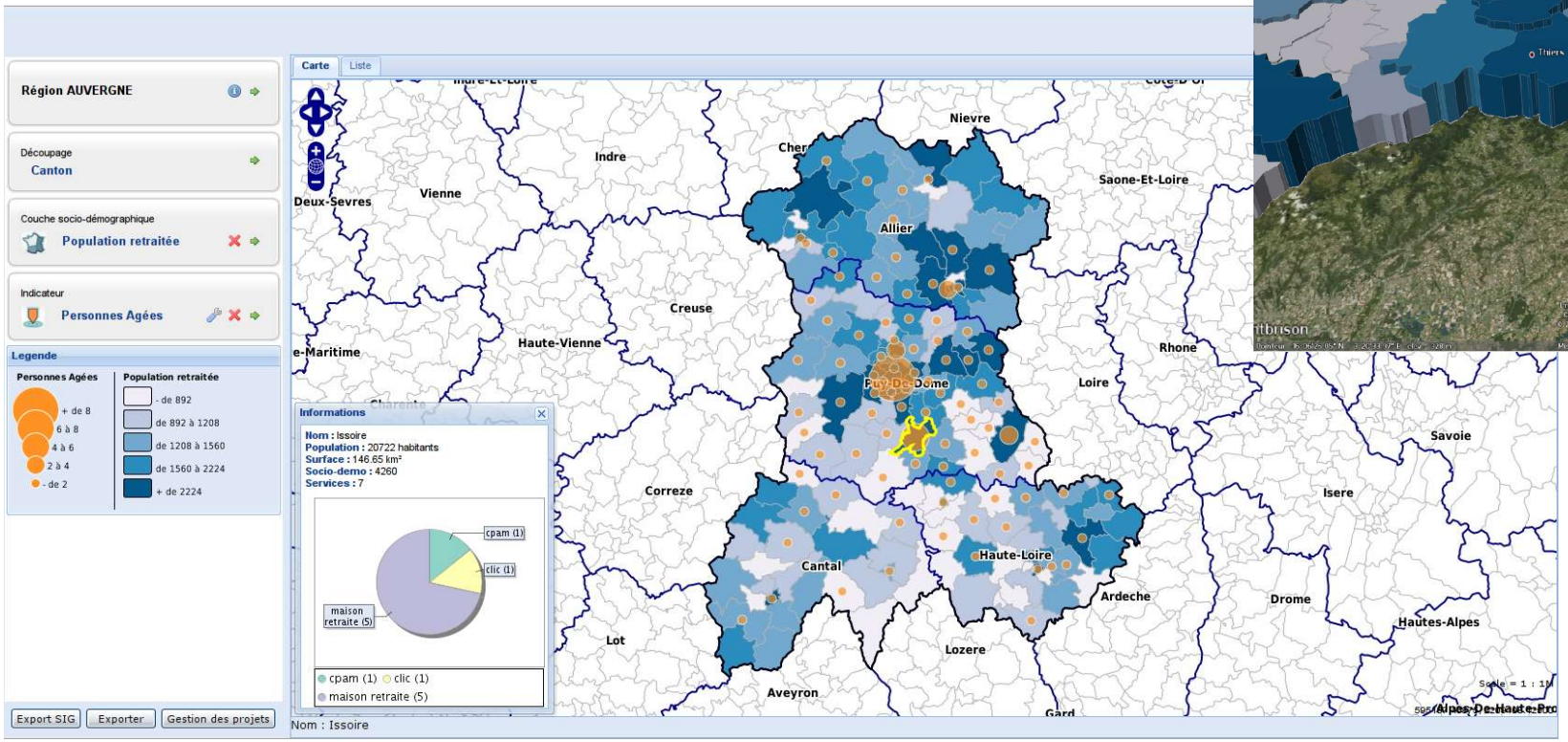
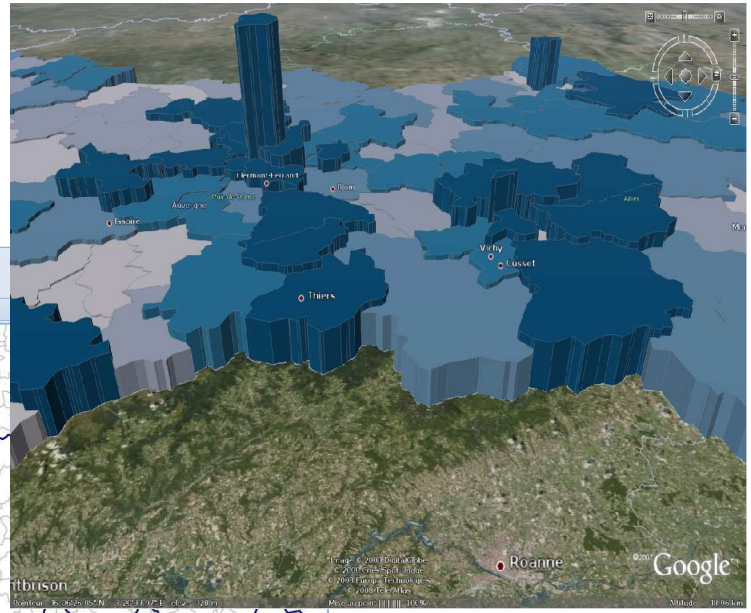
# GeoStatistic

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# Thank you for your attention

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