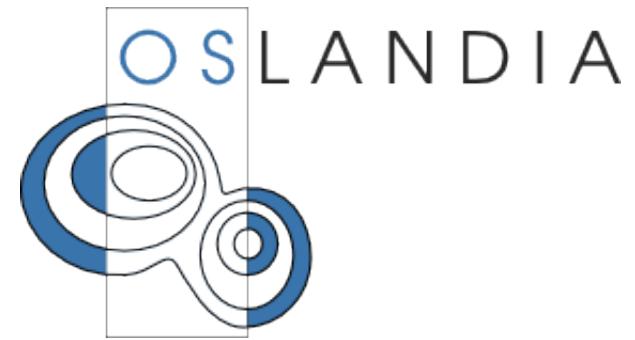


OSLANDIA



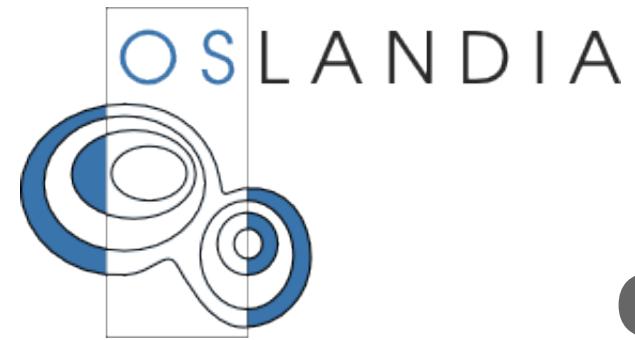


# **Le web comme plateforme de données 3D pour la ville**



**Vincent Picavet**  
**[vincent.picavet@oslandia.com](mailto:vincent.picavet@oslandia.com)**





# OpenSource GIS

 Born 2009

 French SME

 High technology

 OpenSource

 Geographical Information Systems

+ QuelleVille? IGN  
LE DÉCISIONNEL TERRITORIAL



# Pile applicative SIG 3D

- ⬇️ Acquisition
- ☰ Stockage
- RSS Diffusion
- ⚙️ Traitement
- 📊 Analyse
- 🌐 Visualisation



- 🐧 OpenSource
- 🧩 Interopérable
- ⚡ Performance
- RSS Orienté Service
- 🌐 Web

# e plu



QuelleVille?  
LE DÉCISIONNEL TERRITORIAL





E-PLU

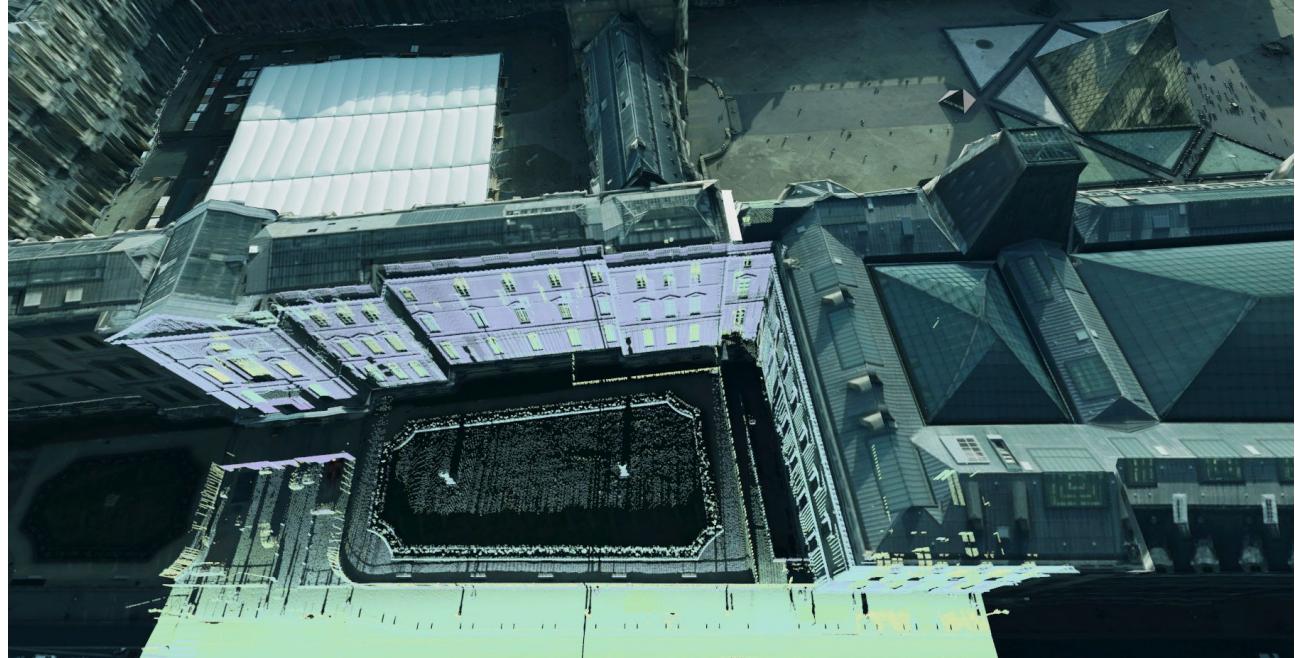
Projet R&D / 1.5M€ ( FEDER)

**Montreuil  
Instructeurs de DdS  
Améliorations algo analyse**

**Plaine Commune  
Complexité++ (Aubervilliers)  
Faisabilité économique  
Vérification projets promoteurs**

**Buildrz  
Commercialisé  
Collectivités  
[http://collectivités.buildrz.io](http://collectivites.buildrz.io)**

**QuelleVille?** The IGN logo consists of the letters "IGN" in a bold, black, sans-serif font, with a small green leaf icon integrated into the letter "I". Below "IGN" is the text "INSTITUT NATIONAL DE L'INFORMATION GÉOGRAPHIQUE ET FORESTIÈRE" in a smaller, black, sans-serif font.



# iTowns

## Framework web de visualisation 3D

# **Stereopolis (IGN)**

«Mobile Mapping»

Capteurs :

- Images
- LIDAR
- IMU
- GPS
- Odomètre



# Capteurs 3D

Images



Laser



Plataforma / vehiculo



IMU / GPS

# iTowns

**towns+**

149, r du temple, Paris | Easting : 652959.62 - Northing : 6862849.45 (lambert 93)

PLAN

Couches

COUCHES

OUTILS

MESURE

Point Line Volume

Clear kml shp Export Classif

Classe: [Class Selection Box]

F Snap Sidewalk Zebra

DIAGNOSTIC PMR

GEOVELO

MODÈLES 3D



# Oslandia

*Engineering your GIS*

🌐 [www.oslandia.com](http://www.oslandia.com)

✉️ [infos@oslandia.com](mailto:infos@oslandia.com)

🐦 [@Oslandia\\_en / @Oslandia\\_fr](https://twitter.com/Oslandia_en)

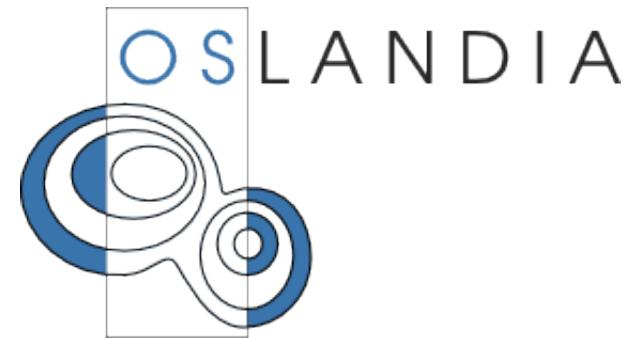
🐱 [github.com/oslandia](https://github.com/oslandia)





## EXTRA SLIDES





# OpenSource GIS expertise

- 💡 Consulting
- 👤 Auditing
- 👉 Tech. advising
- ☰ Development
- 💬 Training
- ➕ Assistance
- ✳️ Support (PostGIS, QGIS)

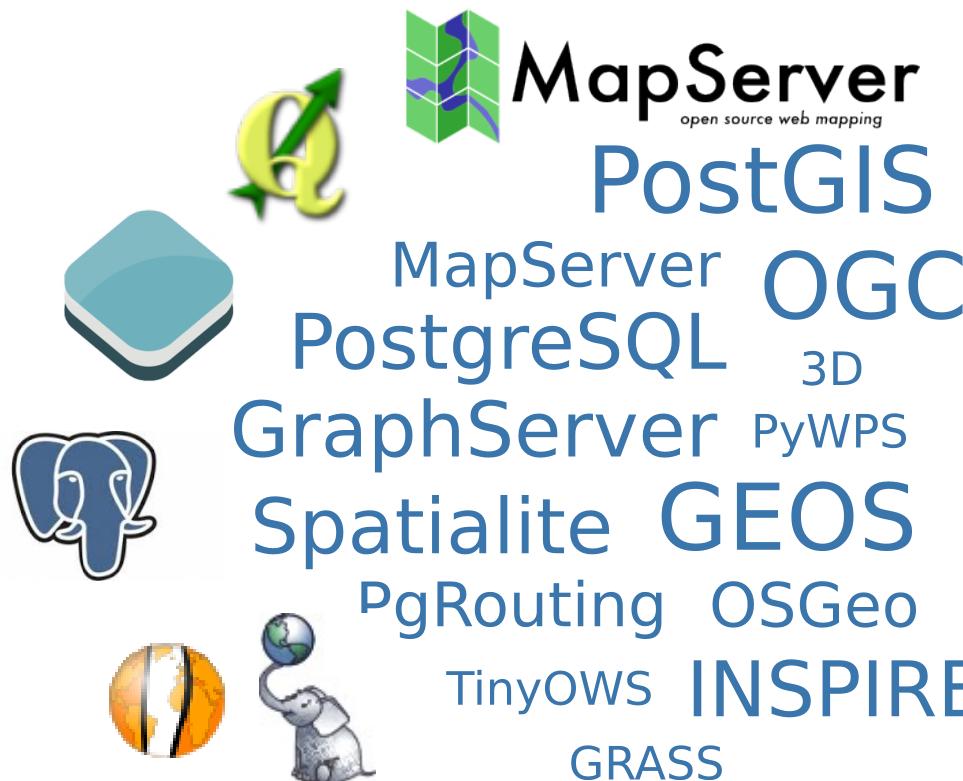
- ⭐ PostGIS experts
- ⭐ QGIS core developers

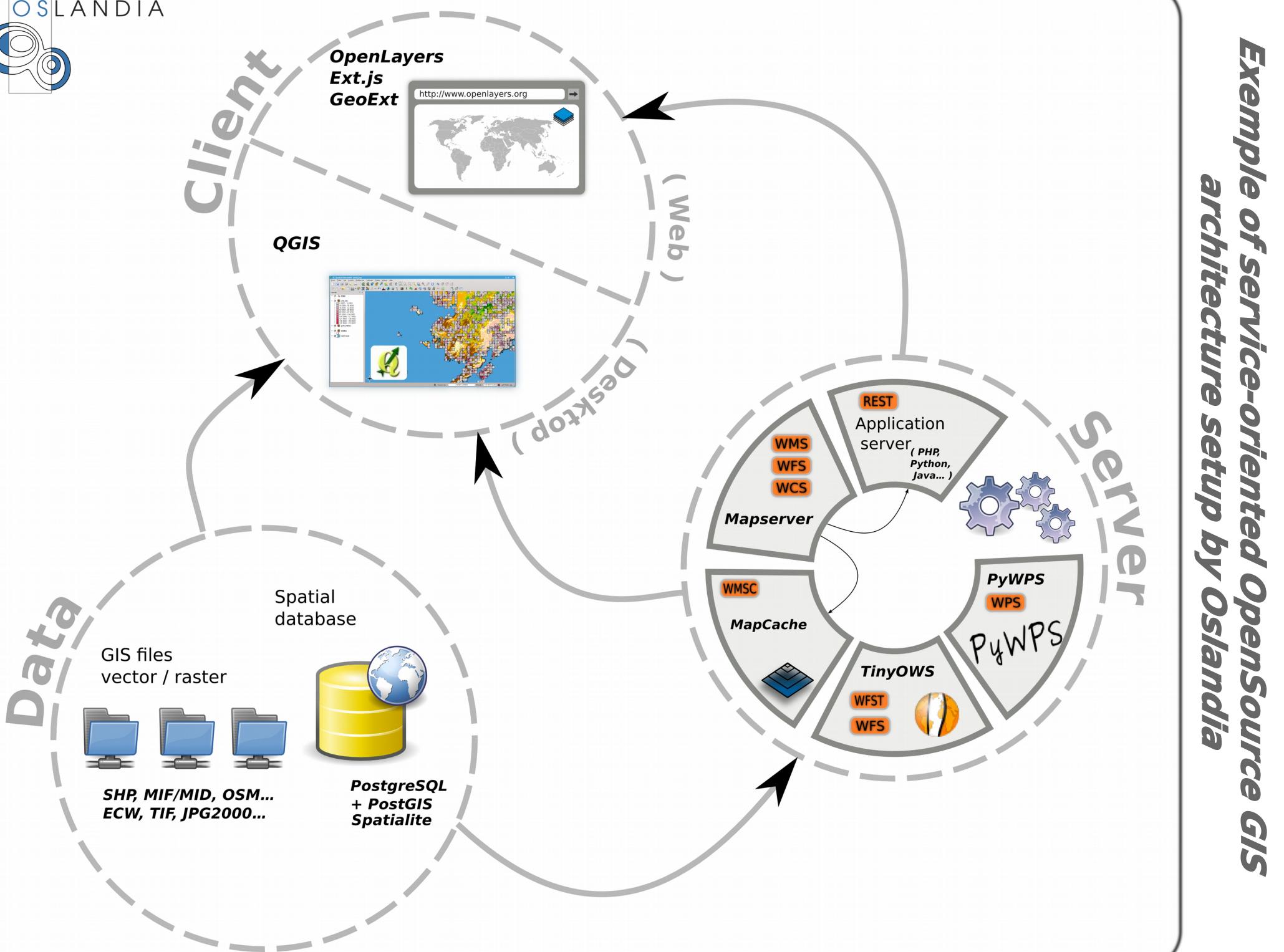


OGC member



OSGeo supporter







Ministère  
de l'Écologie,  
de l'Énergie,  
du Développement  
durable  
et de la Mer



AGENCE DE L'EAU  
ADOUR-GARON

ETABLISSEMENT PUBLIC DU MINI-  
DÉVELOPPEMENT DURABLE

**IRSN**  
INSTITUT  
DE RADIOPROTECTION  
ET DE SÛRETÉ NUCLÉAIRE



**IGN**  
INSTITUT NATIONAL  
DE L'INFORMATION  
GÉOGRAPHIQUE  
ET FORESTIÈRE

**Strasbourg.eu**  
eurométropole

**Metz Métropole**  
COMMUNAUTÉ D'AGGLOMERATION

L a u s a n n e

# GIS in public sector

(smart-) Cities,  
Water,  
Environment,  
Transportation,  
Asset management,  
Data/OpenData portals  
**INSPIRE**

...



# Private sector

● Large corp.

● High-tech companies

● International

Logistics, geomarketing  
environment, smartcities  
transportation, defense,  
networks, water,  
online mapping, wind,  
imagery, civil eng.  
energy, gaming ...

