

# Brussels Smart City

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**Brussels  
Smart City**

« In Smart Cities, digital technologies translate into better public services for citizen, better use of resources and less impact on the environment »

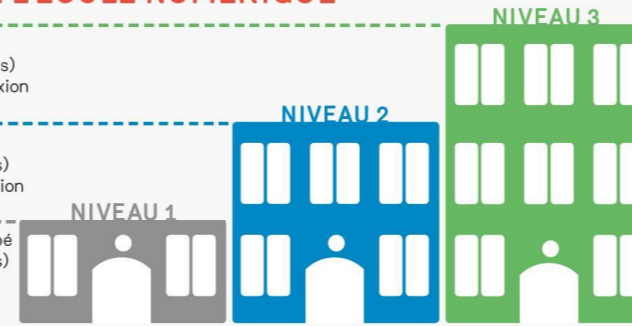
*Digital Agenda for Europe*

### LES 3 DEGRÉS DE L'ÉCOLE NUMÉRIQUE\*

**NIVEAU 1**  
Équipement matériel élevé  
Bande passante élevée (> 10 Mbps)  
Nombreux outils de mise en connexion

**NIVEAU 2**  
Équipement matériel moyen  
Faible bande passante (< 10 Mbps)  
Quelques outils de mise en connexion

**NIVEAU 3**  
Équipement matériel peu développé  
Faible bande passante (< 10 Mbps)  
Pas d'outils de mise en connexion



Source : Commission européenne, Survey of Schools : ICT in Education  
Benchmarking access, use and attitudes to technology in Europe's schools, février 2013



#### Your e-administration services in the Brussels-Capital Region

Win time and make your life easier:  
Realize your administrative requests online!

Check my configuration

Log in

How does it work? >

#### Free access

The access to IRISbox and its use is free.  
On the other hand, the documents you request may be payable.  
Publications of communes and regional or community institutions of the Brussels-Capital Region are also accessible.

#### Safe and confidential

The administrative tasks via this website are completely safe: your connection with your electronic identity card guarantees a perfect security of your personal information.

Know more >

### Signaler un incident (trou, revêtement dégradé, affaissement, marquage effacé...)

Comment signaler un incident

Tout problème représentant un grave danger de sécurité doit être signalé à la police au numéro d'urgence 101

1. Entrez l'adresse où vous avez constaté l'incident
2. Localisez l'incident sur la carte
3. Décrivez l'incident
4. Votre incident sera envoyé au service concerné
5. Abonnez-vous pour rester informé du suivi de l'incident

Entrez l'adresse où se situe l'incident

Toutes les communes Rechercher

Entrez le numéro de l'incident

Accéder à l'incident

#### Les derniers incidents

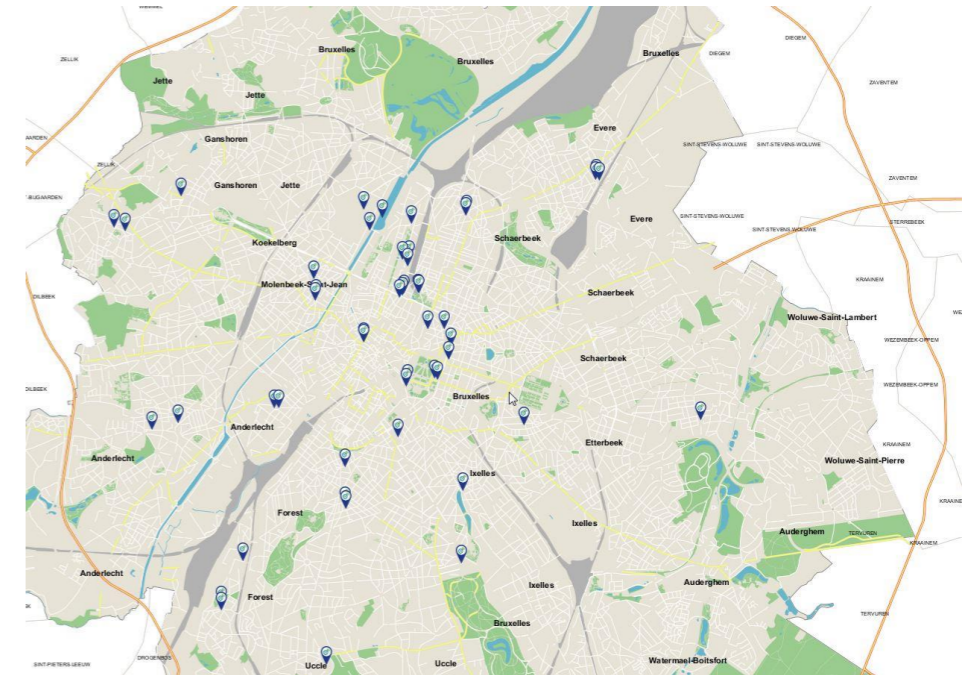
Incidents signalés Incidents en traitement Incidents clôturés

Chaussée / Récolte des eaux : Bouché 1  
Boulevard de la Woluwe, 34 (1200 Woluwe-Saint-Lambert) abonné(s)

**761** Incidents signalés les 30 derniers jours

**732** Incidents en traitement les 30 derniers jours

**529** Incidents clôturés les 30 derniers jours



# What makes a city smart?

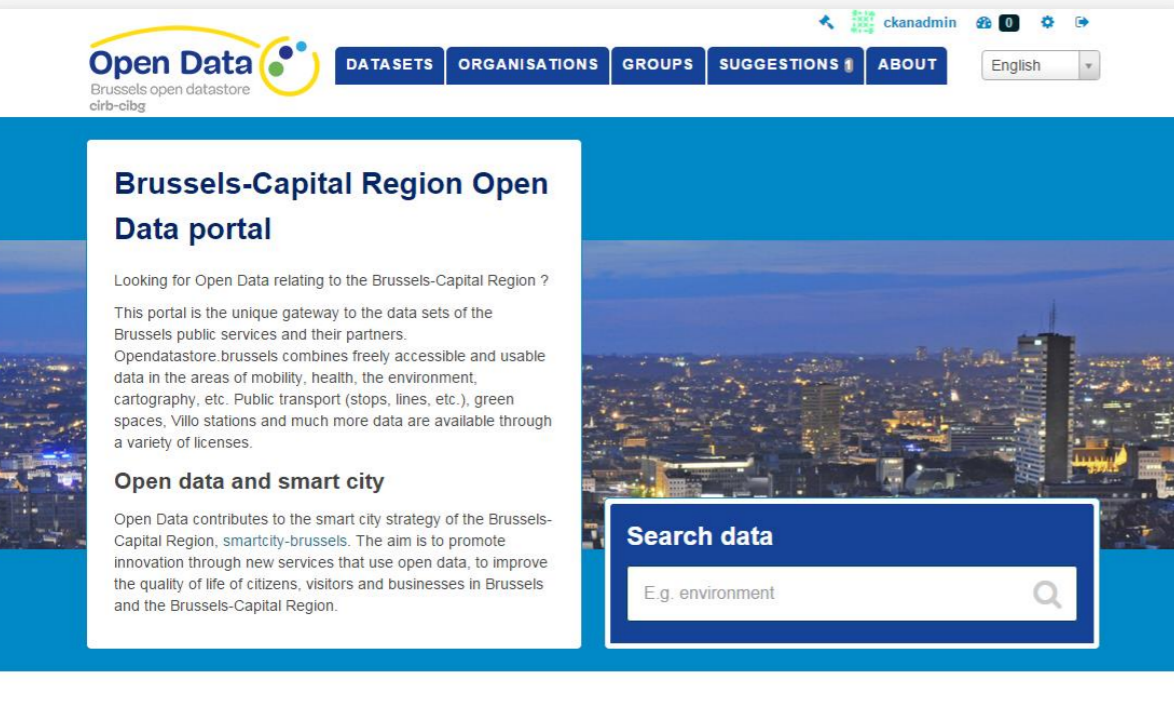
## The wrong way

- Use case driven
- Vendor lock-in
- Fragmentation
- Either top-down or bottom-up
- Technocratic

## The right way

- Problem-driven
- Open data, processes, systems
- Shared standards and services
- The city is a platform: top-down meets bottom-up
- Democratic





**Open Data**  
Brussels open datastore  
cirb-clbg

**Brussels-Capital Region Open Data portal**

Looking for Open Data relating to the Brussels-Capital Region ?

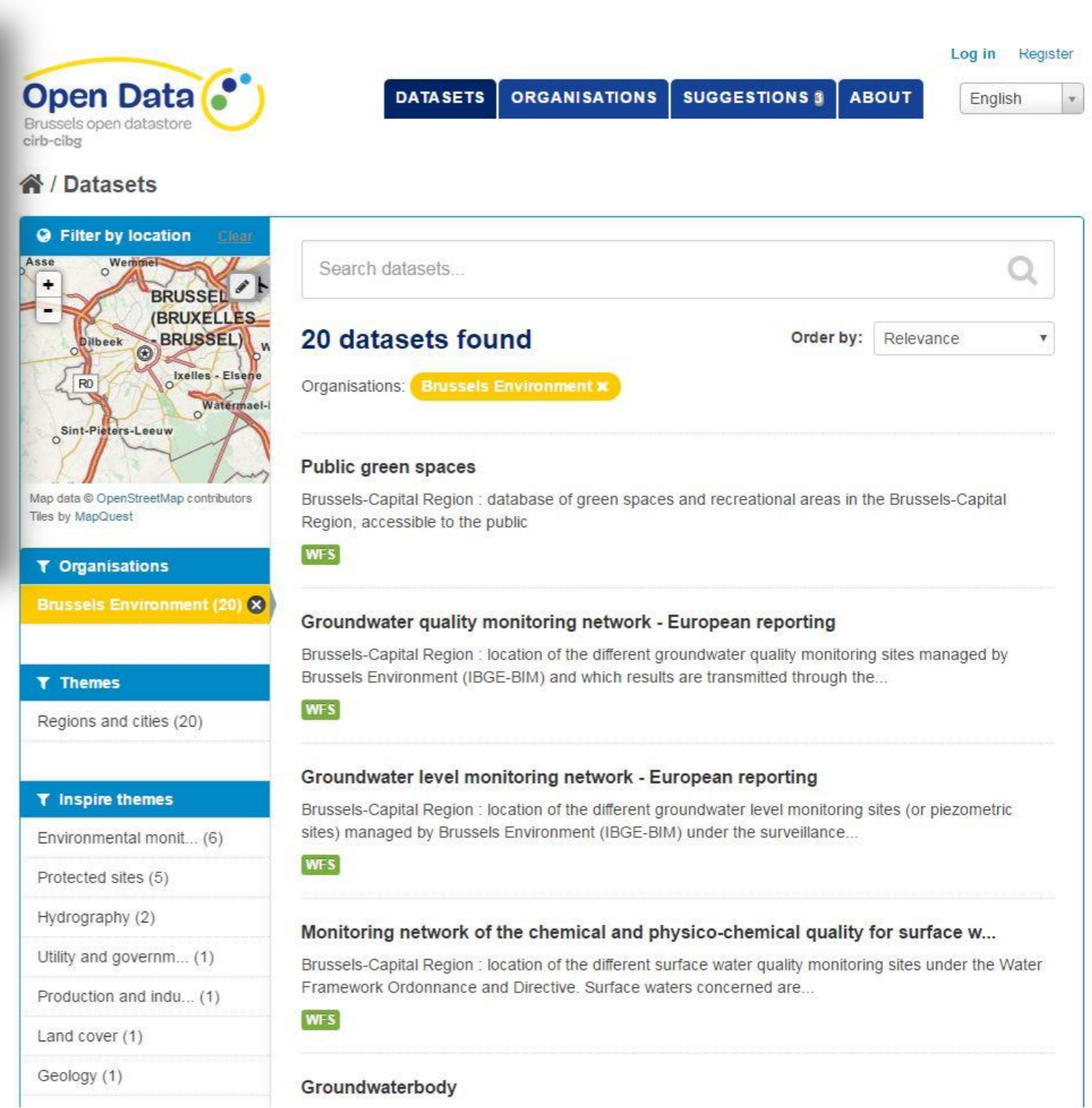
This portal is the unique gateway to the data sets of the Brussels public services and their partners. Opendatastore.brussels combines freely accessible and usable data in the areas of mobility, health, the environment, cartography, etc. Public transport (stops, lines, etc.), green spaces, Viljo stations and much more data are available through a variety of licenses.

**Open data and smart city**

Open Data contributes to the smart city strategy of the Brussels-Capital Region, smartcity-brussels. The aim is to promote innovation through new services that use open data, to improve the quality of life of citizens, visitors and businesses in Brussels and the Brussels-Capital Region.

**Search data**

E.g. environment



**Open Data**  
Brussels open datastore  
cirb-clbg

**DATASETS ORGANISATIONS SUGGESTIONS ABOUT**

Log in Register

English

**20 datasets found**

Order by: Relevance

Organisations: **Brussels Environment**

**Public green spaces**

Brussels-Capital Region : database of green spaces and recreational areas in the Brussels-Capital Region, accessible to the public

**Groundwater quality monitoring network - European reporting**

Brussels-Capital Region : location of the different groundwater quality monitoring sites managed by Brussels Environment (IBGE-BIM) and which results are transmitted through the...

**Groundwater level monitoring network - European reporting**

Brussels-Capital Region : location of the different groundwater level monitoring sites (or piezometric sites) managed by Brussels Environment (IBGE-BIM) under the surveillance...

**Monitoring network of the chemical and physico-chemical quality for surface w...**

Brussels-Capital Region : location of the different surface water quality monitoring sites under the Water Framework Ordinance and Directive. Surface waters concerned are...

**Groundwaterbody**

**Filter by location**

Map data © OpenStreetMap contributors  
Tiles by MapQuest

**Organisations**

**Brussels Environment (20)**

**Themes**

Regions and cities (20)

**Inspire themes**

Environmental monit... (6)

Protected sites (5)

Hydrography (2)

Utility and governm... (1)

Production and indu... (1)

Land cover (1)

Geology (1)

# Yves Thomas

## Project Manager

## Open Data

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## Interconnection of platforms, use of combined set of data from different platforms and creation of application building blocks (Helsinki, Lyon, Brussels)

### 3 proof of concepts

- Safety on the way to school (sensors: mobile and traffic counting)
- Smart mobility for emergency services (sensors: cameras and GPS)
- Measuring cyclists (sensors: bikes sensors, mobile, traffic lights)



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**Thank you for your attention!**

