



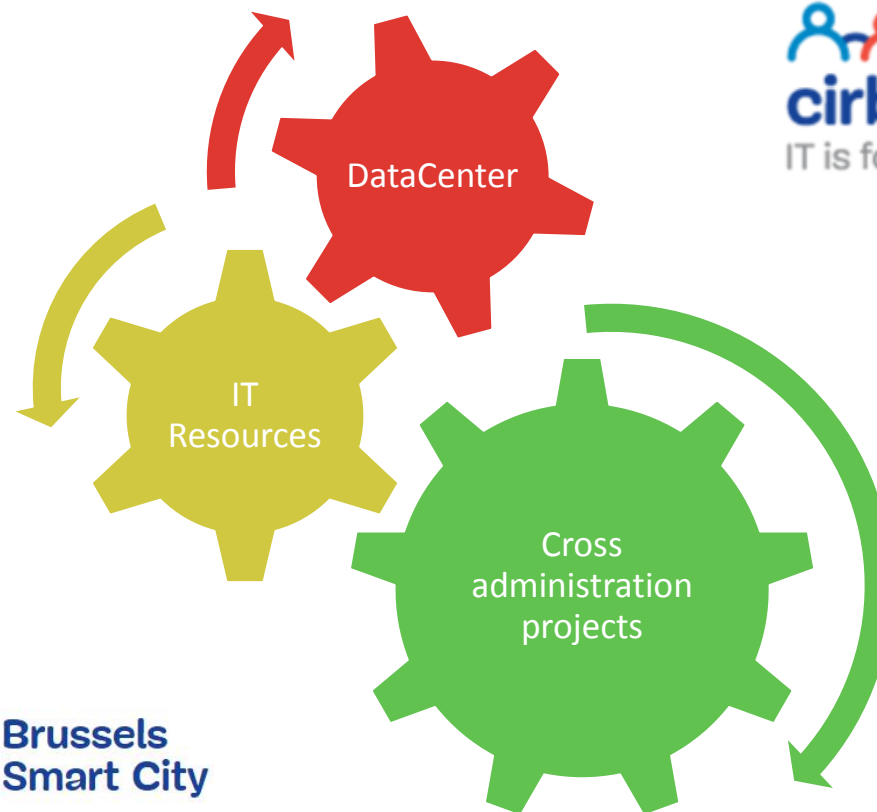
**Brussels
Smart City**

« 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



Yves Thomas – IT Project Manager - BRIC - ythomas@cirb.brussels



**Brussels
Smart City**

Open-Data in Brussels-Capital Region

- PSI directive voted
- OpenData portal available
<http://opendatastore.brussels>
- Administrations / Municipalities invited to open their data
- Start-ups, SMEs, citizens, ... supported
- Linked Data in progress
- The portal can be used by private sector to publish open information



URBIS

- 2D
- 3D
- Urbis services

The BRIC offers several cartographical databases.



UrbIS-Fot

Large-scale stereoscopic aerial shots.



UrbIS-Ortho

Aerial photographs processed to eliminate deformations due to the relief and perspective.



UrbIS-Topo

Large-scale cartographic vector data showing objects and details visible on the ground, both natural and artificial.



UrbIS-Adm

Main administrative divisions of the territory and various themed data.



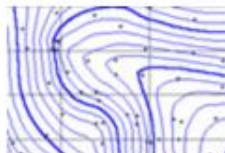
UrbIS-Adm-3D

Three-dimensional representation of all the buildings in the territory and around 200 engineering structures.



UrbIS-P&B

Cadastral data provided exclusively for public bodies in Brussels by the General Administration of Patrimonial Documentation.



UrbIS-DTM

Three-dimensional representation of the land relief, excluding objects placed there (such as buildings, bridges or vegetation).

Among other things, the cartographic data in UrbIS® are used on the websites of [Shop in Brussels](#), [STIB](#), [Bruxelles Environnement](#) and the cartographic website [Brugis](#) of Bruxelles-Développement Urbain, Service Public Régional bruxellois.

European Projects

- CIRB-CIBG participates in European Projects to improve the Region

C³PO ICT collaborative platform for collective urban development

Co-creation & participation in urban design



Building an IoT OPen innovation Ecosystem for connected smart objects

Generic and reusable components and services,
Standardized interoperability

Air Quality Use Case inside

A Smart Citizen Air Quality Meter

- CIRB-CIBG can :
 - Help on cross-administration integration
 - Provide IT infrastructure (IoT Server, ...)
 - Publish Air Quality data
 - Integrate data on map
 - Validate proof-of-concepts on projects
 - ...

