Ville de Carouge, Geneva, Switzerland

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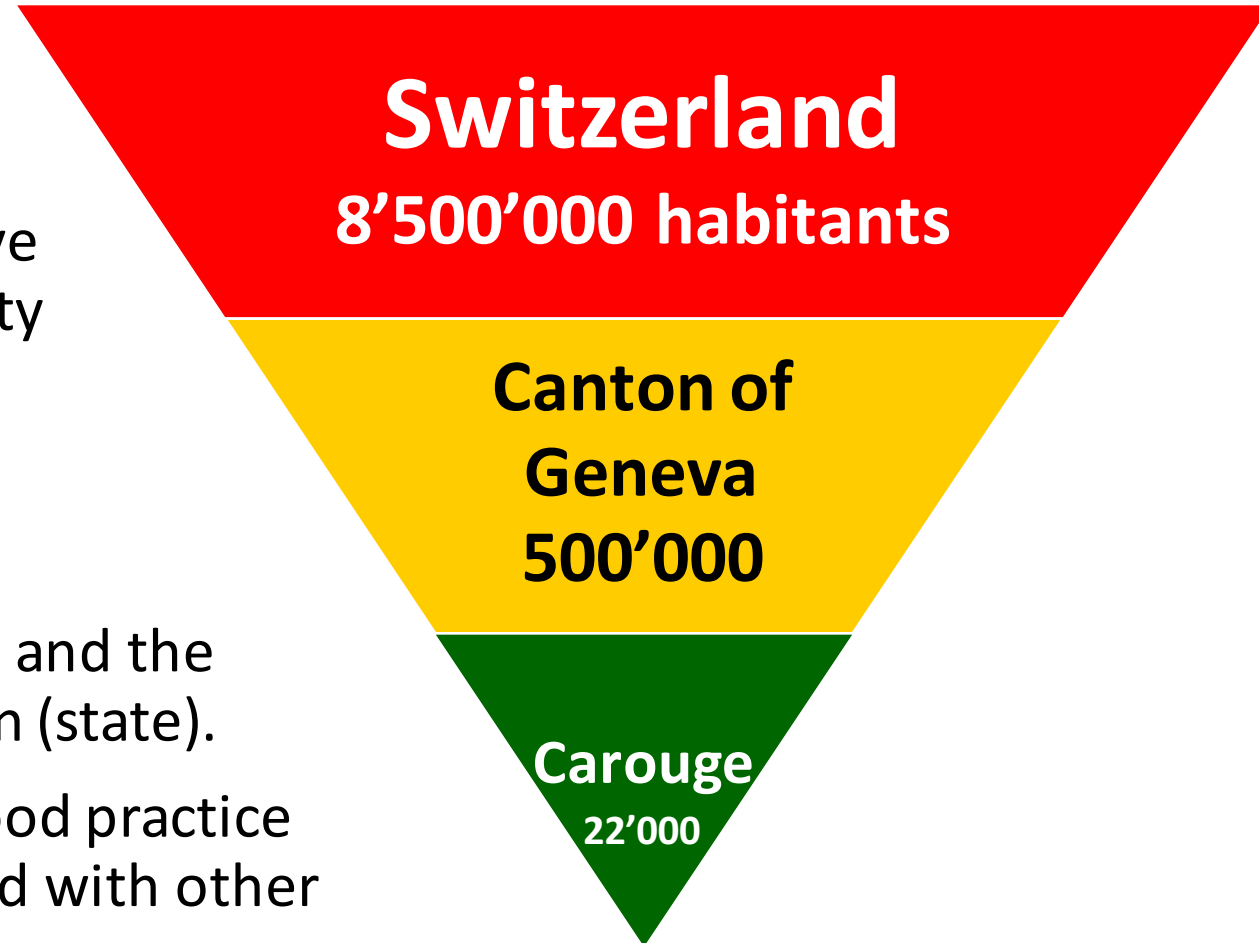
Smart City - SynchroniCity

SynchroniCity

The City of Carouge is part of a very innovative Swiss Region. Carouge is leading the Smart City initiative in the State of Geneva (Canton).

Roles:

Canton of Geneva: provide the infrastructure and the regulations to set up a coherent Smart Canton (state).

City of Carouge shares the experience and good practice with the 14 cities of the Canton of Geneva and with other Cities around Switzerland.

Switzerland
8'500'000 habitants

Canton of Geneva
500'000
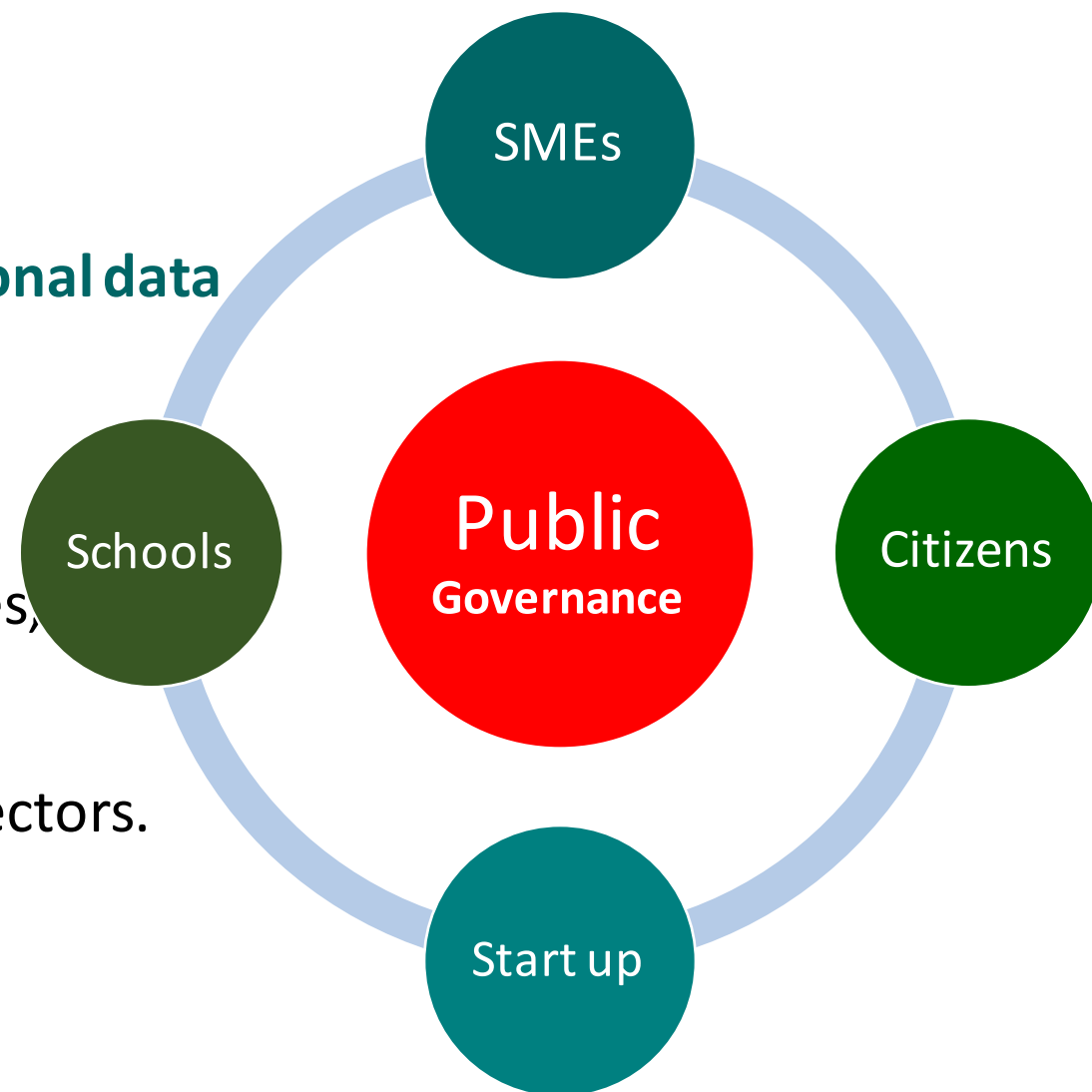
Carouge
22'000

Security and Vivid Community

Security – Data Personal Protection

Security of the system and the **respect of the personal data** are very sensitive for success or failure.

Involve: Citizens, Schools, SMEs, Start up
The **public sector** set up the infrastructure, the rules, the security, etc. for the **Citizens**, the **SMEs** and **Start-up, Schools** to create, invent, commercialize, innovative applications for the Public and Private sectors.

Objective: to Create a vivid community!

SMEs

Schools

Public
Governance

Citizens

Start up

Current Projects

Part of the City has been equipped with a LoRa Wan infrastructure to connect devices.

Noise 3D mapping with Connected Sensors
Past System: One week, every 5 years -> incomplete data
Today: 24/7 during one year, at different levels (1m, 5m, 10m)
Goals: Monitor the noise: cars, trams, people, animals, etc
                        Create a 3D Map and find solutions where needed.

Parking Monitoring with sensors and online assistance
Goals: Accessibility to our historical center

            Assistance for users to find a parking place

            Improve control: usage and payment
Developpments:

            Online assistance to street parking places

            Offer coupons with reduction for Bus/tram and parking

Objectives

- Developp new **services**

- Improve the efficiency and the costs of the **services provided by the City**

- Enhance **wellbeing**. ex: stay at home for elderly people

- Increase the **Energy Efficiency**

- **Create jobs** and innovation with SMEs, Start-ups,

- **Involve** schools, seniors, juniors, entrepreneurs, universities, unemployed.

Contacts

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