Ville de Carouge, Geneva, Switzerland

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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.
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!
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

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Objectives

- Develop 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.

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