SMART GENEVA INITIATIVE

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“We are all actors: being a citizen is not living in society, it is changing it.”
— Augusto Boal
Smart Geneva
Presentation
Department of the Territory Information SG-DT
State of Geneva

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Different visions of a Smart City...

Technological
Using information and communication technologies (ICT) to increase operational efficiency, share information with the public and improve both the quality of government services and citizen welfare.

vs

Human
A set of approaches to make cities more pleasant to live in socially, environmentally and economically while preserving, in particular, resources, health, biodiversity, employment and minimizing CO₂ emissions.
Mobilizing all stakeholders to meet the challenges

Urbanization
- Air / water pollution
- Ressources needs
- Energy needs
- Mobility
- Biodiversity preservation
- Housing

Global Warming
- Urban heart island
- Climate events
- CO₂ emissions

Economy
- Circular economy
- Renewal energy instead of fossil energy

Life quality
- Green spaces
- Health
- Security
- Social inclusion
Amsterdam, Paris, Vancouver, Vienna, Stockholm...
be inspired by "modern and exemplary" Smart City projects

Following the United 4 Smart Sustainable Cities methods (United Nations), already adopted by more than 140 cities
Smart project examples

Urban farms (Paris)
Goods and services sharing (Gothenburg)
Geothermal energy (Stockholm)
E-mobility (Vienne)
Ecological delivery (Stockholm)
Smart Geneva
Innovating together for a sustainable territory

Promoting innovative projects with real benefits and develop a Smart City ecosystem at the scale of Greater Geneva

Facilitating the emergence of innovative projects by offering support to project leaders

Enriching the territory knowledge and experiment to understand, predict and decide
Post your project, open to everyone!

1. Post your project online
2. Detailed evaluation
3. Validation
4. Publication

(*) validation according to the rating grid developed by BG21 and review by Horus lab
Innovate in a sustainable, responsible and ethical way

For each implemented "innovation", even digital, it is essential to be able to quantify its environmental cost and to compare it with the reductions that it allows.

All projects must comply with data protection legislation.

2021: the "green IT" mission is carried by the OCEV, the OCSIN, the SCDD and the DIT.
Objective: to reduce IT's ecological footprint and obtain the "Green IT" label.

Globally, digital technology accounts for around 5% of greenhouse gas emissions and almost 10% of energy consumption.
Web platform & Community of engaged stakeholders

11 projects already published, 4 in progress

- Légumes perches (urban farm)
- Géovélo (soft mobility)
- OVO (cargobike delivery)
- HUG@home (health)
- Potager des nations (urban garden)
- Genilac (geothermal)
- La manivelle (circular economy)
- Impact SIG (crowdfunding)
- Connected bus stop (life quality)
- 1h par m² (social equity)
- Mon m² solaire (renewable energy)

https://www.smart-geneva.ch
Smart Geneva governance

Extended governance (steering committee and operational meetings) bringing together:

• Members of seven government departments (DCS, DEE, DF, DI, DIP, DSPS, DT)
  • a representative of the municipalities (appointed by the ACG)
  • a representative of SIG
  • a representative of the academic community (UNIGE & HES-SO)
  • a representative of Greater Geneva
  • a representative of Geneva city

• Operational management, coordination and representation of the process ensured by the DT's Territory Information Department