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DIGITAL SAINT-ÉTIENNE

FRENCH SUSTAINABLE CITY INDUSTRIAL DEMONSTRATOR

Digital Saint-Etienne results from the design, the collaborative development, the distribution and the operation of an open and evolutive digital platform that collects, analyses, stocks and shares free urban data (quality of life, mobility, urban services, infrastructures …).

INNOVATIONS

▶ The developed digital tool forms an ecosystem allowing for an urban renewal focusing on performance and ecology.

▶ Thanks to the data gathered and analyzed by the tool, authorities may:

- Prioritize upcoming works and projects,
- Enhance the management of city infrastructures and resources,
- Design new monitoring instruments easing the communication with citizens,
- Design an experimental city laboratory for sustainability and solidarity, at the scale of districts and their inhabitants.

STAKEHOLDERS

▶ **The city of Saint-Etienne** deals with the urban renewal project of Tarentaize-Beaubrun-Couriot, through its political service to the city.

▶ **The agglomeration of Saint-Etienne Metropolis (SEM),** holder of the city contract, and in charge of the sustainable development at the territory level.

▶ **ANRU,** the National Agency for Urban Renewal.

▶ **Suez,** integrator of smart solutions.

KEY DATA

→ 3 districts

→ 7,000 concerned inhabitants

→ Limitation of inhabitants' spending

→ 1st development of such a platform in France

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MINISTÈRE DE L'ENVIRONNEMENT, DE L'ÉNERGIE ET DE LA MER

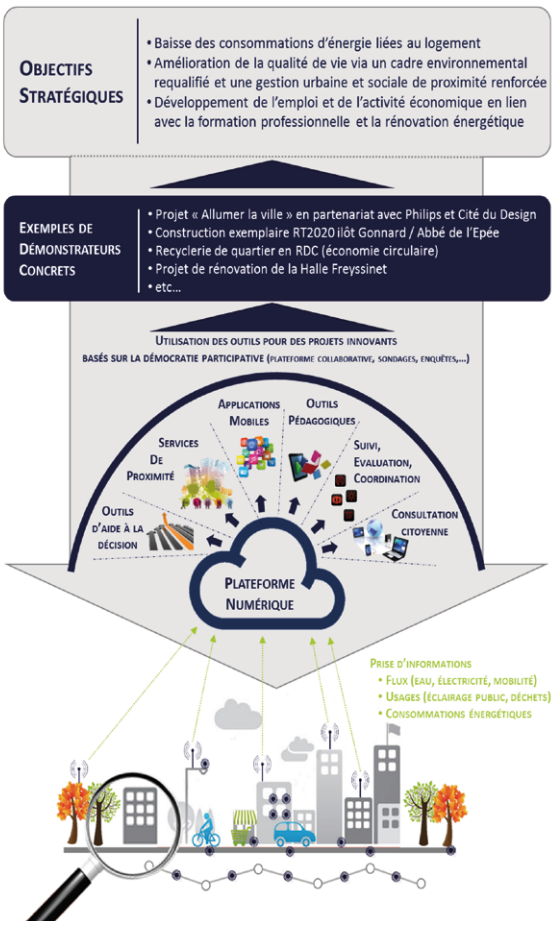
MINISTÈRE DU LOGEMENT ET DE L'HABITAT DURABLE

IMPLEMENTATION

- **September 2015 to December 2016:**
- strengthening partnerships,
- pre-operational studies, urban planning, technical studies, energy studies,
- design of the digital system: architecture, feasibility, prototyping and testing.
- **January 2017:**
- Development phase and on-site implementation.

Gaël Perdriau,
Mayor of Saint-Etienne city and
president of Saint-Etienne Metropolis

… The Digital Saint-Etienne program should lead to less spending for the inhabitants and reinforce the attractiveness of the area, through the installation of monitoring tools that control and regulate energy consumptions, as well as through the setting of a narrow collaboration scheme between different actors of the urban renewal …



RESULTS

/// Awareness of how new technologies and digital Platforms can assist urban renewal projects in old and difficult districts.

/// Significant improvements in existing services, especially in the fields of mobility and access to information for citizens.

/// Growing momentum in the design of new services thanks to the platform, fueling the metropolis "French Tech" label.

/// **Labels and rewards: "French sustainable city industrial demonstrator".**

FINANCIAL DIMENSION OF THE OPERATION

/// The operation is financed by the ANRU, the collectivities and other partners as part of research and innovation.

Digital Saint-Etienne will allow the development of:

- → Data basis for developers
- → City monitoring boards
- → Surveillance systems
- → Tools for decision support
- → Citizens consulting

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