



An European urban transition project towards more sustainable cities through innovative solutions, in the fields of mobility, energy and digital.

Smart City

Global project

Coordination: Cartif
European grant: 18 M€
30 partners, 6 countries
Period: Dec.2016 - Nov.2021
Demonstrators: Nantes, Hamburg, Helsinki

@mysmartlife_EU
<https://mysmartlife.eu/>

Nantes demonstrator site

Coordination: Nantes Métropole
European grant: 4,5 M€
10 partners

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Mobility



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ACTION OVERVIEW



Urban logistics

This action was implemented by Nantes Métropole. A full report on this action (D2.14), written in English, is available on:
<https://mysmartlife.eu/publications-media/public-deliverables/>

► OBJECTIVES

› Supporting projects that facilitate the last mile delivery, through organisational systems and means of transport more ecological, on the metropolitan area.

► IMPLEMENTATION



CONTEXT

Urban logistics is one of the key elements in the functioning of urban areas, especially city centres. The need for a logistics solution (sorting platform, delivery, etc.) is growing, exponential increase in e-commerce, reduction of the number of storage space in shops is important but the response to these needs can be polluting and a source of nuisance.

SOLUTIONS

In order to meet the needs for more environmentally friendly urban logistics and to respond to the need for innovation in this sector, two actions have been put in place :

New regulation on deliveries-in the city centre (in process).

- The objective is to encourage delivery companies to change their equipment for transport modes that favour alternative energies.
- It consists in particular of increasing the range of city centre accessibility timetables for green vehicles.

The launch of a call for projects entitled FLUX (Let's Build Urban Logistics Together)

- Co-constructed by the Métropole and a dozen local and national partners, it aims to stimulate the development of innovative delivery solutions in urban areas in order to facilitate the adaptation of companies to the new regulations but also to test new solutions in this sector.
- A first workshop brought together more than 100 participants in November 2018 and led to the submission of 32 projects classified into 9 categories: logistics activities on different scales, optimisation of urban storage for last-mile logistics, clean delivery vehicle, CNG station, river logistics, rail logistics, digital support tools, rationalisation of logistics chains and others. 13 projects were selected.
- These projects have been since then supported by different means (showcasing, networking, location search) in their implementation.

MONITORING

Within the mySMARTLife project, monitoring focused on the implementation of the call for projects. mySMARTLife, through Cerema, also contributed to the establishment of a framework for evaluating the winning projects via indicators defined for each of the projects. These indicators measure, in particular, the reduction in energy consumption and CO2 emissions, the reduction in the mileage of a parcel's journey before delivery or the increase in the load factor.

► BENEFITS

Users and residents

- › Reduction of noise pollution, air quality improvement
- › Improving road safety

Economic

- › Supporting more sustainable economic activities within the urban centre
- › Improvement of supply chains and especially returns.

Environmental

- › Reduction of polluting emissions and Green House Gases
- › Reduced energy consumption

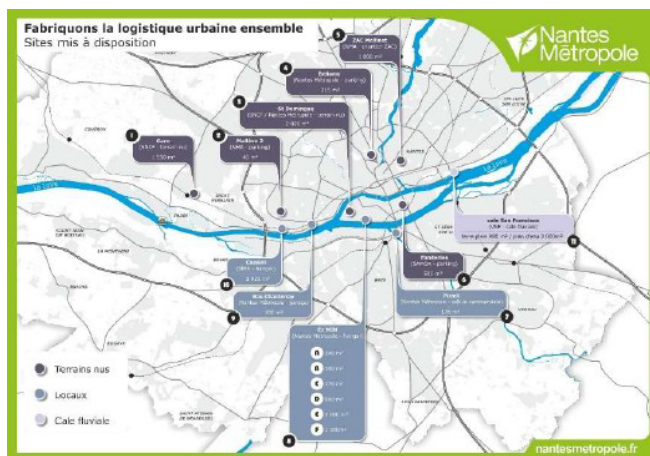


Figure 7: Map of the buildings and properties available proposed by some of the call for projects partners (reference: Nantes Métropole)

Plateforme d'innovation(s) « SUPERFLUX »

Programme - Démonstrateur



QUAI LOGISTIQUE

Micro-fret

Expérimenter un espace de logistique urbaine dédié aux modes décarbonés.

COMPTOIR URBAIN

Micro-shop

Incuber des activités de commerces ou d'artisanat dans des espace low-cost.

ASSISTANCE À MAÎTRISE D'EXPÉRIMENTATION

L'AME du projet

Coordonner les acteurs, assurer la remontée d'usage et valoriser l'expérimentation.



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