


Open Farm in Saint-Denis - Ile De France

by Hugues CHAPOLARD / 2019-06-11 11:12:20 / France / 4292 / FR



Heritage renovation

Primary energy need :

100 kWh_{ep}/m².an

(Calculation method :)

ENERGY CONSUMPTION

Economical building	Building
< 50 A	
51 à 90 B	
91 à 150 C	C
151 à 230 D	
231 à 330 E	
331 à 450 F	
> 450 G	
Energy-intensive building	

Building Type : Other building
Construction Year : 1900
Delivery year : 2019
Address 1 - street : 114 avenue de Stalingrad 93200 SAINT-DENIS, France
Climate zone : [Cbc] Mild, dry winter, warm and wet summer.

Net Floor Area : 1 000 m²
Construction/refurbishment cost : 1 000 000 €
Number of none : 5 none
Cost/m2 : 1000 €/m²

Certifications :



General information

This farm is located on the site of the last vegetable farm of the Plain of Virtues which fed Paris. Its dilapidated buildings made of odds and ends are gradually transformed into an educational farm always producing, accompanied by an ecomuseum and a training center. Wedged between HLM (public housing) and Universities, it is a green lung in a dense urbanism.

A place steeped in history

In April 2019, AFP wrote on the spot: "The farmyard is completely renovated, the old hangars and fridges with wood." A little further, sheep, goats and rabbits live, not worrying to the McDo next to theirs meadow.

A 10-minute walk from the metro Saint-Denis-University, the site is surrounded by these large complexes that engulfed, after the war, the fields that fed the capital. Among the urban agriculture projects that abound on the periphery, it stands out for its four hectares and its uninterrupted market gardening activity: the parcel, cultivated for a century by the Kersanté family, was preserved by its purchase in 1983 by the municipality. "

On the four hectares evoked, one is animated by the artistic collective Poetic Party which proposes permaculture and cultural events and three are exploited by the farms of Gally. They opened their third educational farm there. In addition to the educational project, there is a social and historical component that is a museum that traces the market-gardening history of the Paris region and an opening to the surrounding area through the reception of trainees and apprentices.

"Do the best with little"

The ambition of this project is to make real ecology, with the lowest carbon footprint possible and without useless technology. Considerable care has been taken in the work process by considering a way of doing things that reduces the number of meetings and the number of plans needed before the site is modified.

Human and simple

Doubt being human, the layout of the place leaves ample room for adaptability according to the known potentials and to be discovered.

Particular attention has been paid to the reparability and cost of maintenance of the premises using simple and proven materials or easy to recover and find a few kilometers. Boards, rockwool, white paint, efficient technology, repairable by almost all, here are the fundamentals that governed the construction.

Compliance with standards despite an original process

Receiving classes of children and various publics, the buildings respect all the norms in force. A challenge always difficult since a pedagogical farm is essentially productive and is therefore also a workplace that must be efficient, modern and productive.

Sustainable development approach of the project owner

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Architectural description

"DO THE BEST WITH LITTLE": a minimalist project in its implementation carrying a maximalist message for our humanity. No false pretenses, no useless and yet welcoming, beautiful and informative. A tribute to Mr. KERSANTE, Mr. Pierre RABHI, to Mr. Jean-Marie PELT and Mr. Michel SERRES

Photo credit

Hugues CHAPOLARD - SQUARE CIRCLE

Stakeholders

Contractor

Name : Les FERMES de GALLY

Contact : M. LAUREAU

<https://www.ferme.gally.com/>

Construction Manager

Name : Square Circle

Contact : H. CHAPOLARD

Energy

Energy consumption

Primary energy need : 100,00 kWh_{ep}/m².an

More information

Energy consumption is an estimate before confirmation

Renewables & systems

Systems

Heating system :

- Individual gas boiler

Hot water system :

- Individual gas boiler

Cooling system :

- No cooling system

Ventilation system :

- Natural ventilation

Renewable systems :

- No renewable energy systems

Environment

Urban environment

Land plot area : 5 000,00 m²

Built-up area : 1 000,00 %

Green space : 4 000,00

The site is a ten-minute walk from the metro Saint-Denis University, surrounded by large ensembles. The parcel was preserved thanks to its purchase by the municipality to the Kersanté family in 1983, which exploited the place.

Products

Product

Product category :

Costs

Construction and exploitation costs

Cost of studies : 4 200 €

Total cost of the building : 1 000 000 €

Health and comfort

0

Comfort

Health & comfort :

0

Acoustic comfort :

0

Carbon

GHG emissions

0

Life Cycle Analysis

Eco-design material :

In this project, the research is that of simplicity and the use of wood, as well as reuse are important elements.

Contest

Reasons for participating in the competition(s)

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Building candidate in the category



Bas Carbone



Prix du public



Prix des Etudiants

