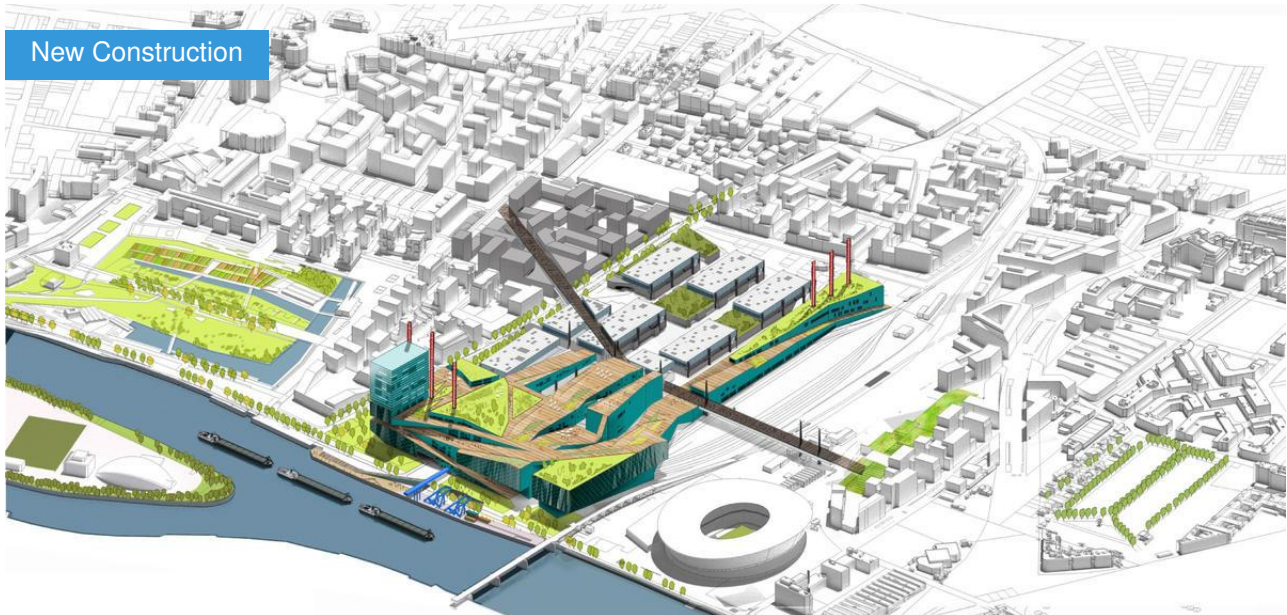


## Energy Pôle Saint-Ouen Docks

by [Doriane Hugues](#) / 2016-07-08 12:57:38 / France / 11734 / FR



New Construction

**Address 1 - street** : 93400 SAINT-OUEN, France

**Starting year of the project** : 2012  
**Delivery year of the project** : 2014



2 ha

### ID CARD

The challenges of this project was to develop a plan to guide the transformation of the Energy Division of the docks of St Ouen in an eco-industrial park. Our response is built around a reflection on the creation of an industrial symbiosis in connection with the urban metabolism: a territory as ecosystem materials, resources and needs.

#### Uses

The Energy Division of Saint-Ouen Docks, included in the flagship project of the docks, is now constituted as a result of division. Industrial entities (the district heating and cogeneration plant CPCU, rail beam, the incineration plant Syctom) and urban (the Seine, the Docklands) are interconnected but not optimized.

#### Environmental data

The project is located on the edge of Saint-Ouen, an inner suburbs of Paris, within 500m of the future station of Line 14 of the Paris metro. It is also along the Seine and the rail beam of the RER C line. Located along the Seine with a very large footprint, this segment offers considerable territory renewal potential related to water and landscape. It is an industrial site today but can become a recreational area and relaxing in itself where infrastructure and supply are fed through the landscaped features.

Issues: Integrating industry to the city and the city landscape

This is to reorganize the urban and industrial ecosystem based on five pillars: strengthen the link between industrial ecology and circular economy, pursue industrial symbiosis, optimize land use, improve the living environment, and to the architecture and landscape for the integration of the industry.

The ambition of this project is to deal with some obstacles that hinder: rail beam to unravel, proximity to housing areas that demand a formal adequacy of industrial activities (pollution, road traffic ...), infrastructure industrial with existing technical constraints to integrate the project.

The stakes are industrial, economic and energy to ensure reliable and optimal energy production that enters an ecosystem logical and respects carbon neutrality. They are urban industrial symbiosis to couple the urban metabolism and the surrounding area make this space infrastructure a new public space and recreation. They are architectural to question the visual integration of the industrial complex in the urban landscape and vegetation.

Project: Ecosystem territory: urban metabolism and industrial symbiosis

The project is divided into zones and uses.

To make this division a true public space, accessible to users and employees, Urban Act thought the Seine waterfront redevelopment for recreational and industrial mixed use and the layout of the frame viaire and landscaped areas. The habitat pole will enrich this space, and in addition, the establishment of a shopping and leisure center to enhance the attractiveness of the site and reveal his mix would bind to the Scene Docks Park.

The synergy was thinking between the business areas, offices and industry. Thus the flow of energy and matter exchange in a virtuous dialogue between the factory and the SYTCOM CPCU but also to the needs of commercial and residential business.

Through this project, the Agency seeks to truly reconcile major urban services with the city that surrounds it. Instead of isolating and hiding this huge energy complex, Urban Act claims its place in the landscape but also in the neighborhood, making it accessible to all and by integrating services and recreation. The agency thought the creation of a genuine industrial ecosystem in relation to the urban metabolism where resources are optimized and where the losses are avoided. Energy is not thinking outside the city but assumes as object indispensable for its development.

## Programme

- Housing
- Businesses and services
- Others

## Project progress

- Operational phase

## Key points

- Governance
- Quality of life
- Economic development
- Mobility
- Resources
- Biodiversity
- Energy /Climate

## Approaches used

- Others

## Data reliability

Self-declared

## TERRITORY

### Type of territory

The project is located on the edge of Saint-Ouen, an inner suburbs of Paris, within 500m of the future station of Line 14 of the Paris metro. It is also along the Seine and the rail beam of the RER C line. The Docks project (which is included in the project) develops gradually and under development programs are contiguous to the Energy Division (North Boatmen sector)

## Climate zone

[Dwb] Humid Continental Mild Summer, Dry Winter

## KEY FIGURES

### Public spaces area

Public spaces area : 2 m<sup>2</sup>

### Commercial floor area

Commercial floor area : 5 000 m<sup>2</sup>

### Housing floor area

Housing floor area : 130 000 m<sup>2</sup>

## GOVERNANCE

### Project holder

Type : Departement

### Project management

Description :

**Steering is organized around the various project leaders Partners: City of Saint-Ouen, Plaine Commune, City of Paris, CPCU, Syctom, RFF, SNCF and Sequano Development.**

#### Policy makers:

City of Saint-Ouen:

Jacqueline Rouillon, Mayor of Saint Ouen

1 deputy for Town Planning, Paul Planque

Plaine Commune (urban community)

President Patrick Braouezec

Technical managers responsible for the monitoring of the project and their structure:

City of Saint-Ouen: Alain Perrault - T Branch

Plaine Commune: Nicolas Soulière - Project Manager - Area Planning Saint-Ouen CPCU Bruno Vinatier - Development Department Manager

SYCTOM: Frederic Roux - Frédéric ROUX - Director of Industrial Equipment - D.E.I / D.G.S.T

RFF: Adrien COOK - Project Manager - Planning Branch and Real Estate

SNCF: Frédéric Devaux - Responsible Business - real estate management

City of Paris: Benoît Saint-Martin - Project Manager - Mission valuation of municipal property - Service of Studies and Prospecting - Sub-Directorate of Land Action - Town Planning Department

Designers:

Design of the ZAC des Docks: Makan agency Rafatdjou;

Design of Energy Sector: Urban Act - Alexander Button in partnership with Artelia - Etienne Rousselet

The developer: Sequano development - Ari Msika - Project Director and François Connilleau - COO

## Project stakeholders

Function : Urbanism agency

Urban Act, urbanact@alexandrebuton.com

[Construction21 company page](#) :

## SOLUTIONS

### Description :

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- Urban project governance

[Company](#) :

## QUALITY OF LIFE

## ECONOMIC DEVELOPMENT

### % of commercial area

Building candidate in the category



Grand Prix Ville Durable



**Green City**  
**Solutions Awards 2016**

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Coup de Coeur des Internautes

