

The Collective for Climate

Site: *Porte de Montreuil, Paris*



Reinventing Cities

Project Summary Let's change for good! The Collective for Climate develops the first zero carbon neighborhood of Paris. The project aims to reduce 85% of its total emissions through a myriad of innovative approaches and will go beyond the carbon neutrality goal thanks to the creation of a Carbon Fund.

The project includes on-site geothermal and photovoltaic energy production that will benefit the entire district. The emissions will also be considerably reduced thanks to the choice of construction materials, with 80% of the superstructure to be built in timber or stone; and 100% of the façades to be composed of bio-sourced materials such as terra cotta bricks and hemp.

The Collective for Climate is furthermore a true advocate for a localised and responsible economy, paying close attention to the origin of the materials and equipment utilized for the project. 80% of the construction materials will therefore come from Paris surroundings.

The Porte de Montreuil will be transformed to a peaceful and attractive neighborhood. The project restores vegetation, encourages low-carbon mobility and includes activities that will foster sustainable lifestyles, such as zero-waste food court and cafes, and a new "Grand Hall" dedicated to a flea market.



Key Components & Solutions

→ First zero carbon neighborhood of Paris, the project reduces and compensates not only the construction and the exploitation emissions but also the impact of the project's mobility-related emissions.

→ 80% of the superstructure to be built in French Cross-Laminated Timber and stone; and 100% of the façades composed of local biosourced materials such as terra cotta bricks and hemp.

→ 100% of the spaces will be reversible allowing the program to change over the time, for example offices can be converted to housing and thus minimize the need of demolition in the future

→ Oases using natural vegetation and water-based solutions will decrease the temperature by 3 degrees during heat waves

→ The site which is today car-oriented and poor in greenery will be transformed thanks to 7000 m² of vegetation, and an overall strategy to reduce individual car.

Main members of the team

Developers: Nexity • CA Immobilier • ENGIE Aire nouvelle

Architects: Ateliergeorges • Tatiana Bilbao Estudio • Serie architects • Bond Society

Others: Zefco • Green Affair • Ingerop • Airparif • Citec • Museum National Histoire Naturelle • Avel Acoustique • Bureau Veritas • Octopus Lab • Strategeo • GV Ingenierie • Amaco • DVTUP • Fondation des Femmes • Genre et Ville • Suez Groupe • Sustain'air • I-Site future - Univ, Paris Est • Urbanova • Adie • Almagrownintown • Bulles de vie • Cueillette Urbaine • Cuisine Mode d'Emploi(s) • Yooma • Hopfab • Colonies • Make Sense • RATP • Scintillo • Startway • Toast • Elementerre



