

MKNO

Site: Canal de l'Ourcq, Paris-Bogigny



Reinventing
Cities

Project Summary MKNO addresses a multitude of complex challenges embracing a new paradigm within urban development. The development includes an ambitious environmental strategy and aspires to reconnect the two rivers of the Canal de l'Ourcq that will provide a new place for future local and metropolitan uses. The 50.000m² project will consist of student housing, residential dwellings, a mobility pole, hotels and offices. The ground floors will allow for a variety of services, including local shops, a kindergarten, a library and a food incubator.

MKNO projects to significantly reduce carbon emissions over its entire life cycle by using bio-sourced and recycled construction materials (25.000m³ of wood, 7.600m² of reused materials); at least 50% renewable energy and energy from heat recovery; and providing multiple solutions to accommodate for low carbon mobility (more than 1,000 bicycle parking spaces; creation of the "Garage Bleu", an incubator focusing on new mobility). In addition, buildings will incorporate a modular design that increases flexibility to adapt to future needs. The project also includes an ambitious natural rainwater management system that connects to the canal and functions as a natural soil filtration system.



Key Components & Solutions

→ Ambitious eco-mobility project thanks to a vehicle electrification demonstrator; a 1.000m² new mobility incubator called "Garage Bleu"; and numerous low carbon mobility solutions such as shared bikes and cargo bikes.

→ The project intends to cover up to 25% of the site with sustainable gardens and green areas, including 80% of native plant species. The project will acquire the *BiodiverCity label*.

→ MKNO will recover heat energy from nearby sites, as well as using geothermal energy and recuperate on-site energy from grey water systems.

→ In addition, the innovative reversible design of the buildings will achieve zero carbon emissions aiming to use wood and recycled construction materials.

Main members of the team

Team leader: NODI / PROMOVAL

Architects: Coldefy Associés Architectes et Urbanistes / Atelier d'Architecture Triptyque / PILA Studio / MOZ Paysage

Environmental expert: ZEFCO



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