

Project

CHARMILLE-SCHUMAN

Architects

B612 ASSOCIATES

Address

Avenue de La Charmille et Clos des Bouleaux, 1200 Bruxelles

Programme

Restructuring of a 2.1 ha site into a new eco-district comprising 1.85 ha of outdoor spaces, sports and play areas, courtyards, vegetable gardens, alleys and roads and sustainable buildings: 1 sports hall for competitions, 1 gym, 2 schools, 1 parking lot, 1 crèche and 30 housing units.

The project brings together complex programs in an exemplary ensemble in environmental terms and ensures harmonious transitions and relationships between the various typologies and uses.

About

The functions are arranged around a large meeting space in the heart of the schools, within compact buildings that are articulated between two pedestrian squares along an axial alley that connects them to each other and to the neighborhood. Compactness optimizes construction costs, energy and maintenance and frees up public spaces for the neighborhood. It allows for the creation of landscaped and recreational spaces as well as shared spaces, drop-off points, roads and parking lots for efficient management of the neighborhood's flows. The landscaping, water management, biodiversity and soft mobility implemented, offer users an efficient and friendly living together. The spatial organization allows the connection of functions sharing synergies (refectories and administration in full contact with the courtyards), a better use of available surfaces (the semi-buried sports hall benefits from natural light while allowing the use of its roof as an outdoor playground, its proximity to the multi-purpose hall allows the sharing of the cafeteria) as well as the reduction of flows (the gym on the top floor reduces the circulation between classes while giving it light and views). The project is rational while offering a great diversity of spatial experiences, perspectives, light... with a playful and educational aim (choice of materials, vegetable gardens, open air tanks, local vegetation...)

Typology

Education

Status

Built

Conception

2011

Delivery

2020

Client

Commune de Woluwe-Saint-Lambert

Total budget

23 595 981

Per square meters

2081

Area

11 336

Stability

Ney & Partners

chaussée de Waterloo 1253
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OTHER PROJECTS :

Viaduc nursery and cafeteria
- 2005 2009
- Bruxelles (Ixelles)

Dolez - Housing units
- 2005 2010
- Uccle

Aime-Dupont Nursery and Health Center
- 2016 2020
- Etterbeek

Bruyn - Nursery and Eco-housing
- 2008 2012
- Bruxelles

Special techniques	Mk Engineering
Special techniques	Pierre Berger
Others	ASM Acoustics



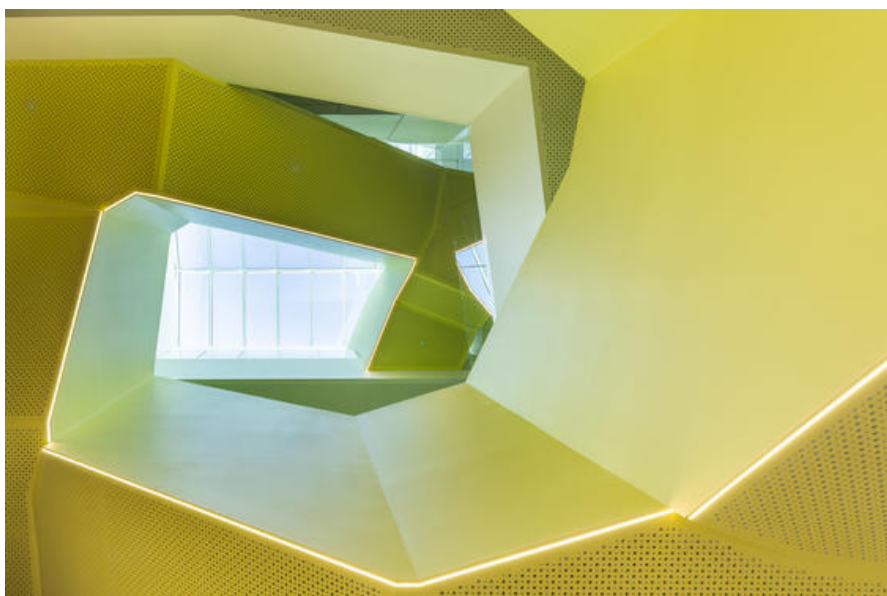
View on the Charmille and Schuman schools
 Â© B612 Architectes



Entance of Schuman school and Primary Playground
 Â© Marie-Françoise Plissart



Vegetable Garden, Outdoor Forum and Kindergarden Playground
 © Marie-Françoise Plissart



Central Interior Circulation
 © Andrea Anoni



View on the Sporthall
 © Marie-Françoise Plissart