

Bromont Incubator

Construction of a business incubator and gas pedal in a science park.

CLIENT

City of Bromont

TEAM

Patriarche (Architecture, Interior architecture)

Credits:

3D pictures: © Patriarche

KEYPOINTS

Microtechnology.

Gas pedal.

Creation.

Development.

Biophilia.

Natural environment.

Collaboration.

The project is located in the Bromont Science Park, which promotes the clustering of high-tech companies dedicated to research and innovation, and supports their establishment and development.

The building houses a business incubator and gas pedal. The incubator is designed to support entrepreneurs in the birth and growth of their businesses, while the gas pedal is dedicated to the realization and implementation of established projects.

Users benefit from a wide range of services, including manufacturing and R&D workshops, as well as a clean room offering a controlled environment for experimentation, with precise control of parameters such as light, temperature and ventilation.

In addition to these functions, the building offers permanent office space, open to entities such as banks or insurance companies wishing to support companies in their incubation or acceleration phase.



Typology
Office

GFA
2 367 m²

Construction cost
N/C

Location
Bromont, Canada

Status
On going

Type of contract
Private project management

Intentions

The building's design is inspired by the biophilic concept, highlighting the surrounding natural environment. The curved architectural choices invite encounters and encourage interaction between occupants.

The multi-purpose conference space, designed to accommodate up to 300 people, features a retractable partition, and can thus be split into two rooms to suit different configurations. In particular, this multifunctional space can be transformed into a welcoming cafeteria-bistro, adding a convivial and pleasant dimension to the user experience. This flexibility also makes it possible to create a fluid connection with the outside world, thanks to the possibility of opening the bay windows to accommodate a larger number of participants for one-off events.

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Anchored in its context

On the exterior, materials were chosen to give the building an aesthetic that reflects its vocation for innovation and cutting-edge technology. The upper part of the building is clad in a dark metal envelope, allowing for harmonious integration into the surrounding landscape subtly reflecting the natural beauty of the surroundings. To anchor the building in its context, the base is finished in stone in stone, creating an elegant contrast between modernity and tradition.

The realization of this project was accompanied by a number of challenges, not least of which was the relationship with the surrounding natural site. Particular attention was paid to soil analysis, given the challenges of waterproofing, drainage and foundations; rainwater harvesting was an important aspect.

In addition, optimizing the building's orientation was crucial to take full advantage of the view of the mountain while maximizing sunlight.

Last but not least, the project is designed to be expanded to accommodate other buildings in the future, demonstrating a long-term vision.



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