AgroParisTech — Saclay Campus

AgroParisTech, an agricultural higher education and research establishment, has grouped its activities in the heart of the Saclay plateau, a scientific cluster.

CLIENT

CAMPUS AGROS SAS

TEAM

Lead Architect: Marc Mimram Architecture & Associés.
Associated Architects: Patriarche/Lacoudre

Group Partners:
GTM Bâtiment, ENGIE Cofely, Agence TER, Topager, Betip, WSP, TEM Partners, Artelia, Franck Boutté, Altétia, Alternative, DAL, Cider

Credits:
Photos: ©Romuald Nicolas

KEYPOINTS

Brick facades.
Natural light, patios.
Laboratories L1, L2, L3.
Greenhouses S1.
C3 climatic chambers.
Evolving platforms.

ENVIRONMENTAL PERFORMANCE

RT2012
HQE Tertiary Sector Building Certification - excellent ranking
Effinergie +
CEP RT2012 Label - 30%
Design of a glazed hall space with a greenhouse-like operation.
Use of plants and water in bioclimatic design.
Earth-based building materials.
30-year energy commitment based on STD calculations.

Designed in collaboration with Marc Mimram Architecture & associés, this campus is composed of eight distinct buildings around a 2-hectare park: an entrance building, the Forum, five teaching and administration buildings and two large buildings that accommodate laboratories meeting international standards.

Our mission was to design the research laboratory buildings (L1 / L2 / L3 laboratories with S1 greenhouses and C3 climatic chambers) as well as an underground car park.

The research buildings offer large, scalable “platforms” with the aim of providing rationality of use and functionality. These modular research platforms make it possible to integrate variations in the organisation of the entities of each research axis, attenuating the partitions between the fields in a holistic vision of research.

Typology
Offices, R&D & Laboratories, Equipment, Education

Surface area
65 994 m²

Construction cost
190 M€

Location
Palaiseau, France

Status
Delivery 2022

Allocation mode
Design, execution, operation or maintenance

Intentions - Our Approach

Both individual wellbeing and group collaboration are at the heart of the campus design concept. The research buildings offer a flexible environment that can be adapted to the researcher's dual needs of independent concentration and interactive collaboration with colleagues and other members of the scientific community.

The large platforms are divided into different spaces that correspond to the different times of research:
- The time of research, withdrawal and introspection, with evolving and modular laboratory trays.
- The time for group work, in the meeting rooms.
- Time for meeting, informal exchange and collective intellectual emulation in the convivial spaces.

Spaces for new ideas to emerge

A hybrid and shared identity within the campus.

AgroParisTech-INRA combines distinct pavilions and buildings, whose volumes express their specific functions in a coherent whole. The symbolism of the rhythms, repetitions and alliterations of the facades asserts the shared identity of the AgroParisTech-INRA Campus: uniqueness is expressed here through compact brick volumes, with large openings onto the landscape, illustrating openness to others, to the world.

The volume of the research buildings thus resembles vast monoliths anchored to the ground, pierced by large loggias open onto the panorama, allowing abundant light to penetrate to the patios, to the research centre. The rhythm of the office and research facades is based on the 1.50 m module with a sub-multiple allowing partitioning into 10 m², 15 m², 23 m², 30 m², 40 m² and 50 m² offices.

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