Implenia

Reference

New BSS building of the Department of Biosystems, Basel





SHORT DESCRIPTION

The new building for the Department D-BSSE (Department of Biosystems Science and Engineering), founded by ETH Zurich in 2007, will provide experimental biologists and bioinformaticians with the best conditions to generate new insights into the functional mechanisms of our cells and genes and to advance scientific discoveries.

THE PROJECT

The **new building** was constructed on the Schällemättli site, on Klingelbergstrasse in Basel, and is located in close proximity to the University of Basel and the university hospitals. The construction of the new research building created useful synergies with Life Sciences (bio- and pharma centers), so that researchers and students can use the laboratory and experimental rooms of both universities and joint projects can be implemented more easily. The **BSS** thus forms part of one of Europe's largest clusters for life sciences.

The pentagonal building contains research, teaching, event and catering areas in direct connection on an area of around 18,900 m^2 of main usable space. The BSS consists of two basement floors, a mezzanine floor, five upper floors and a technical center on the roof. The floor area of the building is 36'000 m^2 with a total volume of 171'000 m^3.

SUSTAINABILITY

The new building was to be constructed sustainably. Therefore, the implementation of the order was carried out in compliance with the building standards Minergie-ECO and "Good indoor climate" as well as in accordance with the target A of the SIA-Efficiency Path Energy (SEE). In addition, the building is to be certified according to DGNB / SGNI (German

Sustainable Building Council / Swiss Sustainable Real Estate Council) at the Gold level.

FURTHER INFORMATION

- Floor area: 36'000^{m2}
- Images ©: Nickl & Partner Architekten Schweiz AG

FACTS

Location	Klingelbergstrasse 48, Basel , Switzerland
Status	completed
Construction volume (value of our services)	154 M CHF
Start of construction	October 2018
Completion	May 2023
Building owner	Eidgenössische Technische Hochschule Zürich
Architect	Nickl & Partner Architekten
Planning	Nickl & Partner Architekten Schweiz AG Zürich
Build volume	171000 m^2
Number of upper floors	9
Minergie	Eco, Green property
Measurement, control and regulation technology (MCR)/Building automation (GA) planner	Amstein + Walthert AG Zürich
Civil engineer	Leonhardt, Andrä und Partner 10178 Berlin
Building physicist	Amstein + Walthert AG Zürich

SUSTAINABILITY

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