

PULSE, Cheseaux-sur-Lausanne

GENERAL INFORMATION

Work site:

PULSE

Route de Genève 46

1033 Cheseaux-sur-Lausanne

Period of execution:

March 2022 to May 2022

Contact person:

Yann Pugin



PROJECT DESCRIPTION

The total PULSE surface area of 43,000 m² is fully modular in order to best meet with tenants' needs. The units comprising at least 300 m² combine luminosity, independence and connectivity thanks to the various entry points, optimised circulation flows and a central patio, which acts as a genuine lung for PULSE. Units have been designed with care in order to ensure the fluid circulation of goods and people. Units are fully adaptable to the needs of each business and in line with individual specifications. Independent entry points with loading bays and finally self-standing yet interconnected units within a vibrant working ecosystem.

The site also benefits from services such as a nursery, a restaurant and a fitness centre in line with occupants' needs.

For this work site, the company Orlati Géothermie drilled 80 boreholes to 320 m using three drill rigs.

PROJECT PARTICIPANTS

Project owner:

EPIC TWENTY THREE AG

Seefeldstrasse 5a

8008 Zürich

Engineering office:

CSDINGENIEURS+
INGÉNIEURS PAR NATURE

CSD Ingénieurs SA

Ch. de Montelly 78

1016 Lausanne

Drilling company:

Orlati

Orlati Géothermie SA

Route de Bettens 13

1042 Bioley-Orjulaz

GEOHERMAL SENSORS

For this project, the project owner has entrusted Orlati Géothermie SA for the drilling part and was convinced by the technology of the GEROtherm® VARIO probes. Thanks to their design, they enable system performance to be optimised, whilst limiting pressure losses and installation-related energy costs.

CONNECTION PIPES

The "horizontal" connection pipes allow the geothermal probes to be connected to the collectors and are made of HakaGerodur SA, GEROtherm® PE 100-RC, 50 mm, PN16 connection pipes.

PREFABRICATED CHAMBERS

COLLECTOR/DISTRIBUTOR

