PROJECT

UNIVERSITY OBSERVATORY

LOCATION
Munich, Germany

REFURBISHMENT & EXTENSIONS

ADDITIONAL SPACE
ABOVE THE ROOFTOPS OF SCIENCE

The extension of the University Observatory at Ludwig Maximilian University has created new spaces for research and teaching in a single location. Instead of constructing a new building, it was decided to add additional storeys to the institute building, which dates from the 1960s. The architect's design relies on a prefabricated timber construction using KLH® – CLT as the defining structural element. The high precision of the prefabricated elements proved to be a particular advantage when working with an existing building. Assembly was completed in a short space of time, whilst university operations continued largely as normal. The new level encloses the existing inner courtyard on three sides and develops its own distinctive architectural language. Facades of grey-glazed larch, clean proportions and generous window areas echo motifs from the existing building. Inside, the surfaces of the KLH® – CLT remain visible and define the spatial atmosphere. A roof terrace with a view of the historic observatory completes the extension. The project demonstrates the potential of KLH® elements for sophisticated building extensions.

PROJECT INFO
KLH® – CLT: 1.468 m² / 177 m³
Stored CO2: 140 t CO2 eq.
Regrowth period in Austria: 3 minutes

ARCHITECTURE

Gruber Holzapfel Architekten

CLIENT

Freistaat Bayern vert. durch Staatliches Bauamt München 2

TIMBER CONSTRUCTION

Kleusberg GmbH & Co. KG

ELEMENT PLANNING

ABA HOLZ van Kempen GmbH

PHOTO CREDITS

Gerald von Foris

For further information +43 (0) 3588 8835 or office@klh.at