PROJECT

APARTMENTS MOLSLAAN

LOCATION
Delft, Netherlands

MULTI-STOREY RESIDENTIAL BUILDINGS

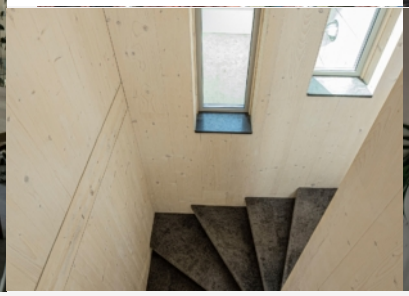
SUSTAINABLE HOUSING COMPLEX
FOR YOUNG PROFESSIONALS

An old school was designed into a building complex for 12 Young Professionals. The lightweight of KLH® construction made it possible to create a 3-story building complex. As many materials as possible were reused from the existing building, such as wooden trusses and roof tiles. The walls inside were left mostly visible to create a comfortable living and indoor climate. The building is a CO2 storage, gas-free and energy neutral due to radiant heaters, heat pump boilers with heat recovery and PV panels on the roof. Each tenant can contribute to the ecological footprint by growing their own vegetables with an “Urban Cultivator”, which is a standard feature in every kitchen. An important aspect of the project is the sense of community to promote a sense of belonging and support sustainable living.

PROJECT INFO

VOLUME KLH® – CLT
1.894 m² / 229 m³

STORED CARBON
182 tonnes (Regroth time in Austria 4 min)



ARCHITECTURE

Urban Climate Architects
www.ucarchitects.com

DEVELOPER

Silvare Development
www.silvaredevelopment.nl

BUILDER

JM Concepten
www.jmconcepten.nl

CONSTRUCTION CALCULATION

W2N Engineers
www.w2n.nl

PHOTOGRAPHY CREDITS

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