PROJECT

FLEXIBLE LIVING UNITS

LOCATION
Helmond, The Netherlands

WITH MODULAR SYSTEMS CHANGE BUILDING

An innovative construction method: modular, sustainable, flexible, demountable and affordable. It utilizes bio-based modules that offer versatile housing solutions for 1-2 person households. The KLH® – CLT dwellings can be stacked up to 3 storeys high and offer a comfortable living environment with a healthy, vapor-permeable indoor climate.

Through flexible connections and stacking, the building volume creates a private terrace and a communal garden whose character and identity are emphasized by the skillful linking. The climate-friendly outdoor area is designed in collaboration with the residents, with playgrounds, vegetable gardens and a wildflower garden.

A communal pavilion offers space for storage areas, washing machines, bicycle parking and a studio or living room. This construction method promotes a sustainable lifestyle through the use of ecological materials from the circular economy. In addition, the units can be moved and reused, creating adaptable living space

PROJECT INFO

Volume of KLH® – CLT: 7452 m² / 742 m³
Stored Carbon: 565 tonnes
Regrowth time in Austria: 12 minutes

ARCHITECT

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BUILDER & DEVELOPER

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PHOTO CREDITS

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