

KLH®

PROJECT

GREEN SOLUTION HOUSE 2.0

LOCATION
Bornholm,
Denmark

GREEN DESIGN AT THE FOREFRONT

Green Solution House 2.0 is a hotel in the town of Rønne on the Danish Island of Bornholm that is based on the principles of sustainability. Wood was chosen as the main material for the construction due to its environmentally friendly properties and versatility, used for the structure as well as the façade and thermal insulation of the hotel.

The central building elements, including the walls and ceilings, are made of KLH® – CLT. The leftover material was used to create customised furniture for the hotel.

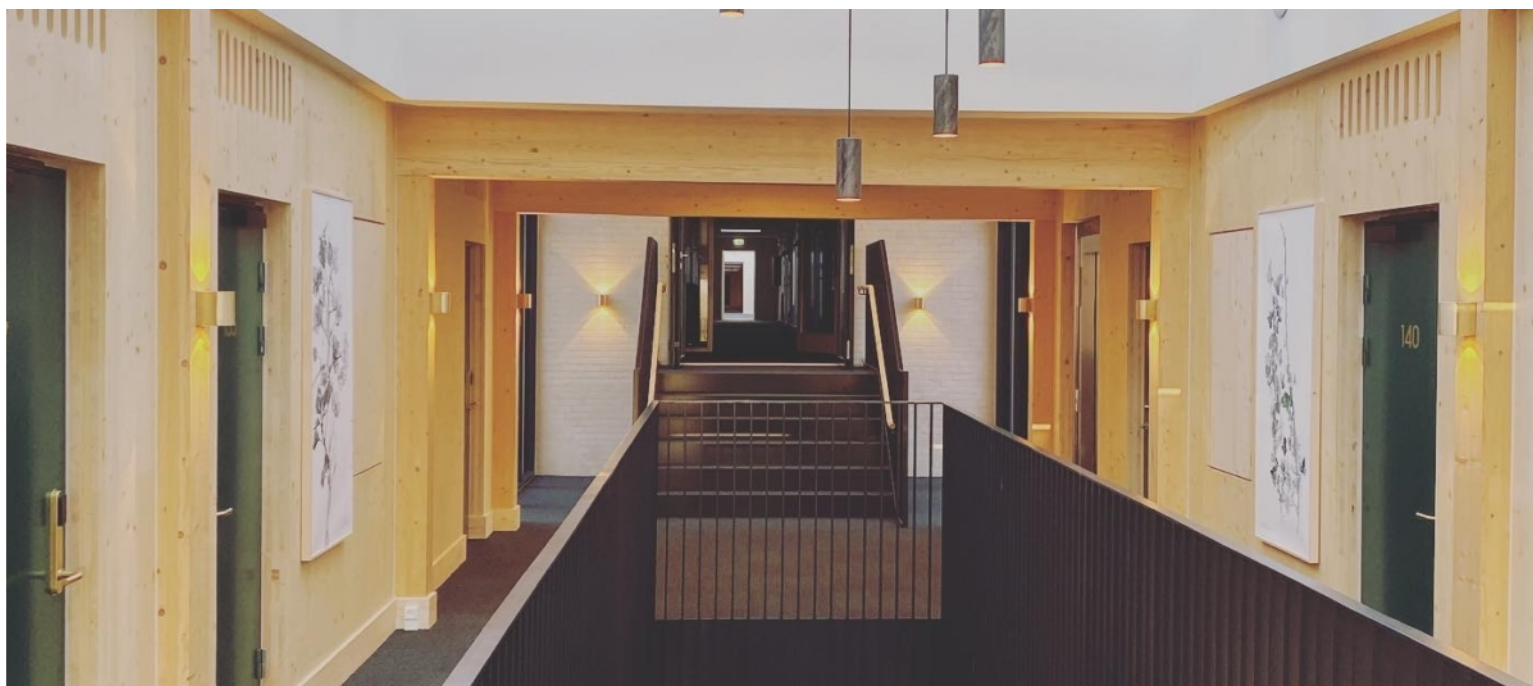
Inside the building, the KLH® – CLT elements remain visible, resulting in an inviting and cosy ambience. This holistic design approach provides solutions that ensure the building can be operated sustainably over its entire lifetime.

PROJECT INFO

Volume of KLH® – CLT: 2.639 m² / 348 m³
Stored carbon: 265 tonnes
Regrowth time in Austria: 6 minutes

HOTELS







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ARCHITECT

3XN/GXN

.....
STRUCTURAL ENGINEERING

ABC Rådgivende ingeniører

.....
CLIENT

Hotel Ryttergården

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PHOTO CREDITS

Adam Mørk

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BUILDER

CLT Denmark A/S