

FIRST PUBLIC FACILITY WITH KLH® – CLT IN POLAND

The Botanical Forest Garden was founded to emphasise the importance of sustainable growth and to teach children about the central role of nature in our lives. The building is modelled on traditional Polish rural construction methods. KLH® – CLT was chosen as the central planning element. This material forms the load-bearing structure, characterises the interior of the building and provides both thermal and acoustic comfort as well as pleasant psychophysical conditions. From the moment you enter the room, the senses are stimulated by the inviting atmosphere. In ecological terms, great importance was attached to minimising the CO2 footprint. The façade made of charred wooden planks is

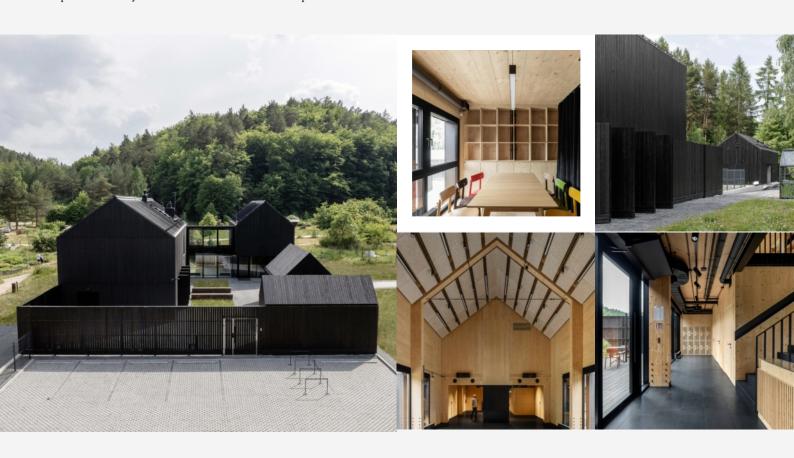
particularly noteworthy. This technique not only enhances the aesthetics, but also increases the wood's resistance to weathering, UV radiation, pests and prevents rotting. The result is wood that is estimated to last for several decades with minimal maintenance.

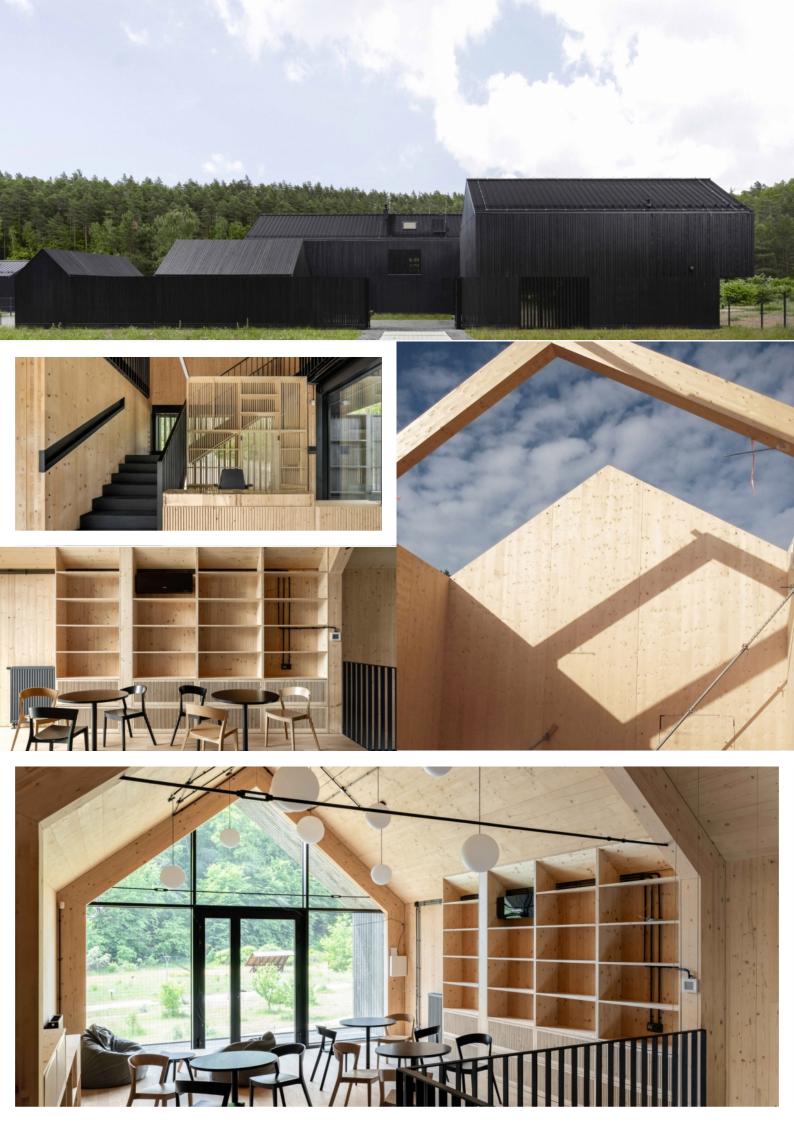
PROJECT INFO

Volume of KLH® - CLT: 1.192 m ² / 185 m³

Stored Carbon: 141 tonnes

Regrowth time in austria: 3 minutes









ARCHITECTURE

Gierbienis + Poklewski

BUILDER

TB.invest

CLIENT

State Forests Poland

FOTO CREDIT

.....

Gierbienis + Poklewski

ENGINEERING

Leszek Mikula