



KLH®

PROJECT

BOTANICAL GARDEN

LOCATION
Marszewo,
Poland

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 m² / 185 m³
Stored Carbon: 141 tonnes
Regrowth time in Austria: 3 minutes

PUBLIC BUILDINGS







.....
ARCHITECTURE

Gierbienis + Poklewski

.....
BUILDER

TB.invest

.....
CLIENT

State Forests Poland

.....
FOTO CREDIT

Gierbienis + Poklewski

.....
ENGINEERING

Leszek Mikula