



**KLH®**

PROJECT

# HOUSE STTAGE GT

LOCATION  
Buzau,  
Romania

## PIONEERING PROGRESS IN SUSTAINABLE TIMBER CONSTRUCTION AND MODERN LIVING

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The House Sttage GT in Buzau, Romania, sets new standards for sustainable and energy-efficient living. The 220 m<sup>2</sup> detached house meets the highest premium passive house standards and combines elegant, modern design with innovative smart home technology. The precisely manufactured KLH® – CLT timber structure was erected in just five days, impressively demonstrating the efficiency of modern timber construction. The turnkey handover took place in just six months – a prime example of the interplay between sustainability, speed and architectural sophistication. With 87 m<sup>3</sup> of KLH® elements, this building promotes resource efficiency and

CO2 storage. This innovative approach not only ensures an energy-efficient living environment, but also financial stability and long-term sustainability.

### PROJECT INFO

Volume of KLH® – CLT: 804 m<sup>2</sup> / 87 m<sup>3</sup>  
Stored carbon: 66 tonnes  
Regrowth time in Austria: 1 minute

PASSIVE HOUSES



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**ARCHITECTURE**

Sttage  
[www.sttage.ro](http://www.sttage.ro)

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**BUILDER**

Sttage & Case CLT  
[www.caseclt.ro](http://www.caseclt.ro)

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**PHOTOGRAPHY CREDITS**

sttage.ro