

PROJECT

# HOMESTEAD EXT.

LOCATION  
Bukarest,  
Romania

## ARCHITECTURE IN DIALOGUE WITH THE REGION

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The project extends a traditional farmstead, sensitively integrating the historic fabric with modern, sustainable architecture. The original structure remains recognisable and forms the basis for a contemporary extension in KLH® – CLT, which combines clean lines, durable materials and a respectful approach to the site. Old and new elements enter into a harmonious dialogue, with traditional proportions and local building culture being carefully interpreted and translated into a modern language. Open, flowing spaces strengthen the relationship between interior and exterior and create a light, functional living environment. The combination of photovoltaics, energy storage, a heat pump and passive

ground cooling enables an extremely energy-efficient overall concept at ‘Passive House Premium’ standard. The result is a house that preserves cultural identity, consistently implements sustainability and demonstrates how tradition and innovation can merge into a coherent, future-oriented living concept.

PROJECT INFO:

Volume of KLH® – CLT: 345 m<sup>2</sup> / 37 m<sup>3</sup>

Stored Carbon: 28 tonnes

Regrowth time in Austria: 1 minute



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**ARCHITECTURE**

Fabrica de arhitectura  
[www.fabricadearhitectura.ro](http://www.fabricadearhitectura.ro)

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**CLIENT**

George Buhnici  
[www.buhnici.ro](http://www.buhnici.ro)

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**TIMBER CONSTRUCTION**

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

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**PHOTO CREDITS**

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