

PROJECT INFORMATION

HOPE HOME • НАДІЯ – Building materials from renewable raw materials to support Ukraine



Exhibition of materials at the
Chamber of Architects Kyiv

Source: HOPE HOME NADIIA

Background

Until a few years ago, asbestos was still used in the construction sector in Ukraine. In the future, concrete and other greenhouse gas and water-intensive building materials are likely to be used. Due to the Russian war of aggression in Ukraine, there is an extensive need for reconstruction. Attention should therefore already be paid to environmentally friendly construction methods. Based on the climate impact of the construction sector, at least 36% of the emissions caused by the war in Ukraine will be attributable to reconstruction.

Project details

HOPE HOME • NADIIA is a German-Ukrainian pilot project for radically ecological construction in Ukraine. It focuses on traditional and innovative knowledge on the use of both natural raw and composite materials and has become the centre of a transdisciplinary network for the use of renewable building materials. The entire spectrum of sustainable construction is considered: from soil decontamination, the cultivation of organic building materials and the reuse of material from demolished houses to model house construction with hemp, straw, wood, clay and reed, mushrooms and wool. During the project, 15 virtual workshops provided a platform for exchanging knowledge and ideas about bio-based building materials. Questions about certification and scalability were also discussed. A multi-day material exhibition in the Ukrainian Chamber of Architecture in Kyiv offered workshops on individual materials. A mushroom laboratory was intended to help answer the question of the extent to which mushroom building blocks can be used as a composite with straw to enclose and utilize war debris. The thematic journey addressed knowledge and materials, but also the hardships of the ecological consequences of war and the traumatization caused by the loss of a home.

Updated: December 2024

Project country: Ukraine

Duration: 09/2024 – 12/2024

Beneficiaries: Students, teachers for architecture, design, art; local residents of Pervomaiske pilot region, Mykolaiv technical school, entrepreneurs

Implementing organisations:

Be an Angel eV., DIM NADIIA

Project number: 3724 360023

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Advisory Assistance Programme (AAP)

for environmental protection in the countries of Central and Eastern Europe, the Caucasus and Central Asia and other countries neighbouring the European Union – a programme of the Federal Ministry for Environment, Nature Conservation, Nuclear Safety and Consumer Protection

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www.uba.de/en/project-database-advisory-assistance-programme
www.uba.de/en/advisory-assistance-programme

Project website: <https://hope-home.info/>