



Revitalizing Buildings through Education, Optimization, and Renewable Norms (ReBORN)

Advancing the transition to Zero Emissions Buildings in Romania and Croatia by 2050 through training, material innovation, and the use of locally sourced natural resources.

Energy Transition and Climate-Neutral Buildings



Project info

Countries:

Croatia, Germany, Romania

Project duration:

02/25 - 05/27

Target groups:

Public sector, Local governments, Non-governmental organisations

Funding:

705,574.83 €

Contact info

Contact:

Matei Simionov

Implementing organisation

Danube Delta National Institute for Research and Development (DDNI)

Email:

matei.simionov@ddni.ro

Partner:

Adria Innovation Harbour

National Institute for
Research and Development in
Construction, Urban Planning
and Sustainable Spatial
Development "URBAN-INCERC"

Steinbeis Innovation Non-
Profit Ltd

Tulcea County Prefect's
Office

Background

Buildings in the EU account for 40% of energy consumption and 36% of GHG emissions. To meet 2030 climate goals, member states must reduce emissions by 40% from 1990 levels, increase renewable energy to 32%, and improve energy efficiency by 32.5%. Romania and Croatia aim to meet these targets through es (LTRS) and transitioning to gs (ZEB) by 2050.

Locally sourced materials like reed and hemp offer opportunities to reduce construction's carbon footprint but remain underutilized. The ReBORN project aims to close this gap by promoting innovation and capacity-building for sustainable building practices, supporting EU climate goals and regional collaboration.

Project

The ReBORN project seeks to improve energy efficiency and promotes sustainable construction practices in Romania and Croatia by exploring the use of locally sourced natural materials and enhancing professional expertise. Planned activities include:

1. **Training Programs:** Architects, engineers, and public officials will be trained in carbon-neutral design, tendering, and construction, incorporating advanced methods and international standards.
2. **Material Innovation:** The project will explore and promote carbon-neutral construction solutions, such as building blocks made from reed and hemp, expanding sustainable material choices.
3. **Guidelines and Tools:** Practical resources will be developed to support public officials, local governments, and the private sector in transitioning to Zero Emissions Buildings (ZEB).
4. **Stakeholder Engagement:** Local and national stakeholders, including government bodies, NGOs, and construction professionals, will be engaged in awareness-building events and capacity-building activities.

By piloting these initiatives in selected regions, the project aims to develop scalable best practices that can be integrated into local governance and industry standards.

Last update: February 2026



Federal Ministry
for the Environment, Climate Action,
Nature Conservation and Nuclear Safety



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Project Funding 

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