



WieBauin – Innovative reuse of building materials

Stadt-Land-Plus: Achieving more together for strong urban-rural partnerships

Motivation

Cities and rural areas are closely linked within the construction sector. The building materials needed in urban areas are often obtained from the surrounding countryside. At the same time, waste is dumped into the landfills of the rural areas. These two factors lead to the consumption of natural resources in rural areas. A sustainable balance is missing.

Goals and approach

WieBauin aims to reduce the use of land and raw material resources in the construction sector by reusing components and recycling building materials. Value chains from the owners of buildings, which are ready for demolition, to the users of the building components and materials obtained during demolition are developed. A mutual economic and ecological advantage is created in the process. A building and materials cadastre will be established and opportunities for village and urban development will be opened up through central development areas.

Expected results and transfer

The results of WieBauin will range from instructions on how to address owners, to the development of a building and material cadastre as well as a material flow model for reducing the consumption of resources. Transferable business models for urban-rural recycling management will be linked to the approach. Training modules will support architects, builders and craftsmen in the use of recyclable building components.



Active reuse instead of landfilling

Funding initiative: Stadt-Land-Plus

Project title: WieBauin – Wiederverwertung Baumaterialien innovativ

Duration: 2018 -2021 (Phase 1) 2021 -2023 (Phase 2)

Funding code: 033L209

Funding: 1,509,488 €

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Published by: Bundesministerium für Bildung und Forschung/Federal Ministry of Education and Research (BMBF) | Division Resources, Circular Economy; Geosciences | 53170 Bonn, Germany

September 2020

Editing and layout: Project Management Jülich (PtJ), Forschungszentrum Jülich GmbH

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