

Focus topic - Circular design of wooden building materials

Infuture Wood project

The project aims to identify the key problems regarding the reuse of wood from current buildings, and to propose technical and methodological solutions. The project's work on "Design of timber building for deconstruction and reuse" focuses on the primary design of buildings and ways to facilitate deconstruction. The project has developed the first version of the Design for deconstruction and adaptability indicator system based on the ISO 20887/2020, investigated deconstruction and reuse cases, and designed new solutions, e.g., more efficient joints for 2D elements for Derome company to facilitate deconstruction. The project aims to continue developing new solutions and a certification tool using an indicator system.



[Learn more](#)

Collaboration opportunities

- Partners interested in studying the reusability of timber structures for future research projects.
- Buildings that are to be deconstructed.
- Timber building manufacturers who want help in adapting their designs for deconstruction and reuse, as well as deconstruction firms and facility managers interested in the topic.

[Presentation \(PDF\)](#)

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