

#WeKnowWood

Development of new regional materials for multi-story construction

With support from



by decision of the
German Bundestag

The Fraunhofer WKI is working with industrial partners on developing new wood-based materials from regional pine wood. The aim is to use them in multi-story timber construction. The research results are to be adapted to further target regions and scaled up accordingly in the future.

Optimum added value in multi-story timber construction

The aim of the DiKieHo project is to develop a sustainable value-added system for multi-story timber construction based on the Berlin-Brandenburg region.

A systemic approach is being researched, with which the interaction of material and information flows between the actors is being investigated.

Potentials for cooperation and their effects in the industrial context of multi-story timber construction will be identified.

Digital networking for comprehensive use of regional resources

Berlin-Brandenburg has large quantities of pine wood. The value chain to be considered includes the following aspects:

- the use of regional raw materials,
- optimal utilization of the supply ranges,
- production of high-quality timber construction elements,
- construction of climate-friendly buildings,
- strengthening of a climate-neutral metropolitan region and
- the creation of effective closed resource cycles.

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