



woodcircles



Unlocking the potential of wood in construction

Less than half of European waste wood is recycled, contributing to excessive waste and resource consumption in construction.

Woodcircles is a European innovation project that aims to accelerate the green transition of the construction sector by developing circular solutions to transform wood waste into innovative and sustainable building materials.

How Woodcircles helps circularity



Upcycling of wood construction waste to new construction products



Digital tools to map the materials available in the Urban Forest



Two new value chains for recycled wood: engineered wood products and insulation



"Urban Sawmill" facility prototype and demonstration



Wood-based building system optimized for DFMA



Demonstration building to go on tour in partner cities

Woodcircles impact



Decreasing dependence on non-renewable resources



Extending the lifetime of building service life and wood construction materials



Increasing upcycling and recycling of wood construction waste in Europe



Reducing greenhouse gas emissions in the sector

Discover more on our website



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Co-funded by the European Union

