

Focus topic – Use of recovered wood

Hiil

Hiil is currently in the pilot phase of a factory that aims to recycle Finnish waste wood into wood that is suitable for construction. The waste wood would otherwise be burned. Hiil is developing a lean and efficient process to take off the nails, and a wood preservation method based on the traditional Japanese Yakisugi method to char the surface of the wood to eliminate the microbes, concrete and dirt. Hiil aims to develop plenty of options in aesthetics and with a range of uses (outdoor surfaces, indoor surfaces, and public infrastructure). It plans to finish the proof of concept in 2023, to open a factory in 2024, to reuse 1% of Finnish waste wood in 2025 and upscale it to 5% in 2026.



Collaboration opportunities

- Customers who are interested in utilising recycled materials in their building projects
- Architects who design buildings and structures based on circular economy principles
- Investors interested in greentech and circular economy

Presentation (PDF)

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