

Focus topic – Wood-based insulation

Wood Pulp Panels

The Basajaun project developed a thermal insulation panel from wood pulp (CTMP). The insulation panels are recyclable and biodegradable. The innovative panels present an equal thermal conductivity as current wood fibre-based insulation materials, and they have a good insulation performance. Additionally, the panels fulfil fire resistance requirements. Due to the foam forming technology, the panels have a uniform structure, are light and stiff and therefore, easy to install.



Photos by: Basajaun

[Basajaun](#) is a sustainable wood construction project aiming to demonstrate how wood construction chains can be optimised to foster rural development and urban transformation whilst connecting with European sustainable forest management.

[Learn more](#)

Collaboration opportunities

- Industry partners to scale up the production process and fine-tune the properties adapted to an industrial production process.
- Anyone who wants to test the technical properties of insulation materials at [VTT](#), e.g., porous structure or fibre network.

[Presentation \(PDF\)](#)

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WOOD-BASED INSULATION



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This innovation was presented in the second series of **Bioregions Forestry Speed Dating** webinars on “Wood-based insulation”.