

Innovative fire- and water-resistant cellulose-based material

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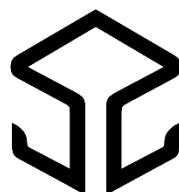
Aim of the Project

- Developing bio-based innovation systems from forestry biomass
- increasing its fire protection
- increasing its water resistance
- enhanced cooperation between the Polish and Norwegian partners
- support to technology transfer, sharing experiences and best practices between science and enterprises



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Project Partners



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Specific aim of WPs activities

WP1 - Manufacturing innovative modified wood or paper with improved fire resistance by the modification with different sources of carbon of lignocellulosic materials and fire properties characterization of new materials

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WP2 - Preparation hydrophobic lignocellulosic materials and evaluation of hydrophobic properties of the manufactured materials

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WP3 - Creation new products from secondary wood products, either via pressing or molding with using wood by products or modified wood by products together with other chemicals

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WP4 - Hydrophobization of board surface and reduction of BCT (box compression test) loss of corrugated board transport packaging during high humidity exposure

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WP 5 - The overarching goal of this task is to develop a new technology for innovative material manufacturing to the 6th level of technological readiness (TRL6)

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Follow the Project

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Invitation:

1. Kick-off meeting (online) – Next week – more info on Project website
2. Scientific Mission for Young Researchers

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