

# PRESENTATION OF RESEARCH ACTIVITIES AND NEW OBTAINED RESEARCH EQUIPMENT IN THE PULP AND PAPER INSTITUTE UNDER THE EUROPEAN CENTER OF EXCELLENCE INNORENEW CoE

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## ICP's Focus Areas

- ❑ development of smart packaging for the preservation of cultural heritage
- ❑ solutions for the production of formaldehyde-free fiberboards
- ❑ extraction of nano-cellulose for production of insulating aerogels
- ❑ processes of characterization, isolation, and modification of various fibers and biomass samples
- ❑ innovative solutions for sustainable construction and renovations
- ❑ Innovative furniture (wood, paper/board) design for a healthy living environment

# New Obtained Research Equipment at ICP

The acquired equipment complements the existing research infrastructure of the Institute in a way that enables comprehensive biomass evaluation and competitive involvement in research projects in the field of advanced bio-based materials for use in various industries.

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