



I am  
CELISE

# Group 3: Nanomaterials and Nanofibers

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Team group: Laura Andze (LS-IWC); Juan Carlos Colmenares (IChF); Alberto Coz (UC)

Project idea: Forest resources to obtain homogeneous films for medicine applications

Consortium: institutions from CELISE + adding StudentScience / Charles University in Prague

[HORIZON-JU-CBE-2023-R-02](#) Optimised forest-based value chains for high-value applications and improved forest management - €10 million

Deadline: 20 September 2023



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To produce homogeneous films with nanocellulose and nanolignin from forestry waste, chitosan from forestry mushroom waste and using the properties from forest berries for medicine applications

WP1: Biomass selection, extraction and characterisation

WP2: Production of nanomaterials and nanocomposites

WP3: Medical applications

WP4: Sustainability of the process (Technoeconomic, LCA and Social)

WP5: Management and dissemination of the project