



Project title: Innovative, resilient digital solutions for the sustainable recovery and growth of terrestrial and aquatic natural resources, as well as for the exploitation of unconventional aerial energy resources (THORR)

Funding Programme: National Plan for Research, Development and Innovation for the period 2022-2027 (PNCDI IV)/ NUCLEUS Programme PN 23 26 "Multidisciplinary research-development-innovation in the field of textiles and leather in the vanguard of current societal challenges (TEX-PEL -CHALLENGE 2026)

Contract No.: 6N → **Project code:** PN 23 26 02 01

Starting date: January 2023 → **Ending date:** December 2026

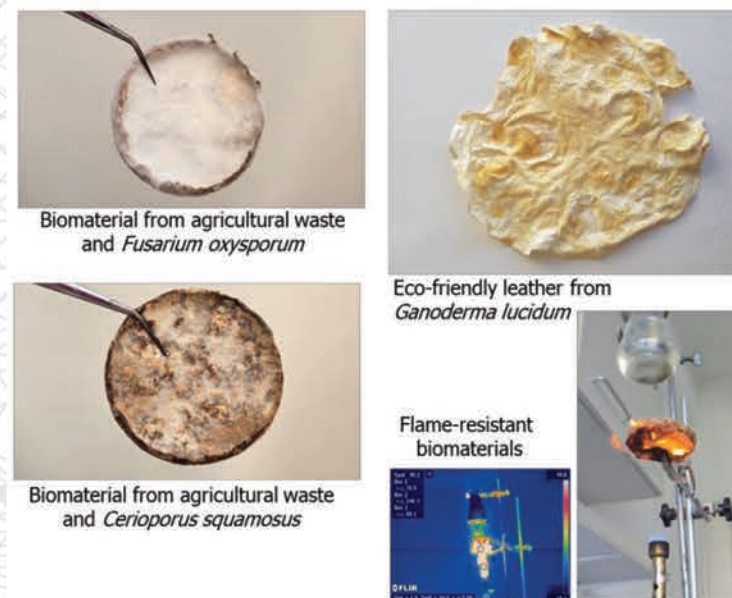
Coordinator: INCDTP (National R&D Institute for Textiles and Leather) Bucharest, Romania

Project Objective: The general objective of the project consists of designing, developing and validating, in a national premiere, five resilient and innovative solutions with clear targets represented by: natural micro-composite materials for agriculture, automobiles and construction, high-altitude wind generator for harnessing wind energy resources, multi-role collapsible aerial module for forest fires, multi-role collapsible aerial module for soil drought and inflation parachute for managing blue water disasters.

Intermediary Results:



Creation of new micro-composite materials from agricultural waste



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THE TECHNOLOGIC AND BUSINESS INCUBATOR ITA TEXCONF

ITA TEXCONF is an entity in the infrastructure of innovation and technological transfer without legal personality, established within INCDTP based on HG 406/2003, accredited for the textile – clothing field and re-accredited in 2020, Certificate no. 118/2020, issued by the Ministry of Education and Research



Insights from incubated company
SC Xtreme Equipment SRL

ITA TEXCONF is part of the National Network for Innovation and Technology Transfer ReNITT and acts for the sustainable economic and social development of the textile sector, by ensuring access to technological performance, developing the innovative environment, introducing quality systems and developing human resources.

The incubator is involved in specific actions of collaboration with all 5 existing clusters in the textile field, of which it is part as an active member: Romanian Textile Concept Cluster – RTxC, ASTRICO NE, Traditions Manufacture Future, Transilvania Textile & Fashion Cluster and Fashion Future Cluster.

Services:

- ❖ Services of sustaining textile-clothing SME competitiveness within the competitional background of the market economy;
- ❖ Services aiming at creating partnerships and financing drawing in within the projects;
- ❖ Services aiming at the product, equipment, innovation technology promoting in the field of textile-clothing, as part of scientific events (fairs, symposiums, conferences, etc.);
- ❖ Mediating contracts of technology transfer/manufacturing of products, experimental models, prototypes and specific applications for technical textile, personal protective equipment, invasive and non-invasive medical devices, special-purpose items, etc .;
- ❖ Mediating contracts in the field of investigating the textile material and product properties, within the RENAR accredited INCDTP laboratories.

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