

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)

Project title: Advanced functional textile materials for protection and improving the quality of life (Tex4Age)

Contract No.: 6N ⇒ **Project code:** PN 23 26 01 04

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

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

Project Objective: Manufacturing functional textile products made through innovative technologies that integrate the Safe-by-Design concept, and intended to improve the quality of life of the elderly.

Intermediary Results:

➔ Functional clothing for people with special needs (elderly people)



Blouse with wrap back and shoulder closure



Classic shirt with magnetic buttons



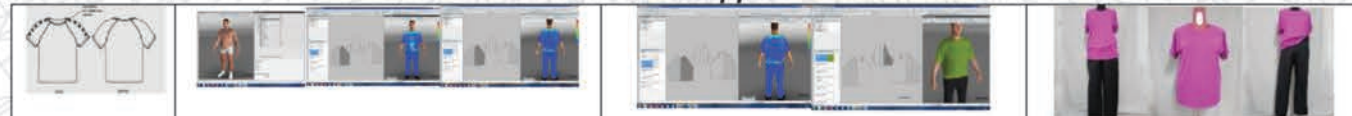
Indoor dress with wrap-around back



Wrap skirt with Velcro straps on the waistband



Trousers with double slider zippers on the side seams



Casual T-shirt with raglan sleeves and snap closure on the shoulder line and front arm line



Pants with high waist at the back

➔ Products for the living environment of people with special needs (elderly people)



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 INCDDTP 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 Equipament 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 competitive 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 INCDDTP laboratories.

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