

Denumirea Proiectului Revitalizarea patrimoniului național prin îmbinarea și adaptarea tehnicilor tradiționale textile cu tehnologiile moderne de fabricație

În această primă fază, echipa a realizat vizite de teren în zone etnografice reprezentative, unde a documentat tehnici de țesere, vopsire, decorare și utilizare simbolică a textilelor. Interacțiunile directe cu meșteșugari locali au permis colectarea unor mostre autentice, precum și acumularea de date valoroase despre procesele de producție și materialele utilizate. A fost constituită o arhivă vizuală extinsă, cu aproximativ 1350 de fotografii de teren, ce reflectă varietatea și specificul patrimoniului textil local.

Un rezultat notabil al etapei este elaborarea conceptului unei broșuri ilustrate, care reflectă dimensiunea simbolică a textilelor tradiționale în parcursul vieții omului – de la naștere la ritualurile de trecere. Broșura adoptă o abordare narativă și accesibilă, îmbinând descrierea documentară cu prezentarea vizuală a mostrelor și motivelor tradiționale.

Această etapă a pus bazele unei cercetări sistematice asupra patrimoniului textil autohton, oferind o platformă solidă pentru inițiative viitoare de valorificare și reconfigurare a meșteșugurilor în viziune contemporană. Rezultatele obținute până în prezent reflectă angajamentul pentru conservarea identității culturale și deschiderea spre integrarea acestora în procese creative, durabile și inovatoare, în contextul integrării Europene a republicii Moldova.

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Cercetări
Științifice

Summary of Activities and Results Achieved in the Project in 2025

Project Code 25.80012.0807.39SE.39SE

Project Title Revitalizing the National Heritage by Combining and Adapting Traditional Textile Techniques with Modern Manufacturing Technologies

The 2025 stage of the project had a predominantly documentary character, laying the foundation for future stages focused on technological application and development. The activities were centered on identifying, researching, and archiving traditional textile techniques from the Republic of Moldova, with a view to their future adaptation in innovative and sustainable contexts.

In this initial phase, the team conducted field visits to representative ethnographic areas, where they documented techniques of weaving, dyeing, decorating, and symbolic use of textiles. Direct interactions with local artisans enabled the collection of authentic samples, as well as the accumulation of valuable data on production processes and the materials used. A comprehensive visual archive was created, including approximately 1,350 field photographs that reflect the diversity and specificity of the local textile heritage.

The research activity was complemented by the study of archival sources and the documentary collection within the institution, aimed at reconstructing relevant historical sequences of textile craftsmanship. In addition, initial experiments were launched using natural dyes extracted from native plant resources, as a preparatory stage for future testing. Preliminary sketches for the digitalization of traditional ornamentation were also initiated, with the goal of applying them through modern techniques such as laser cutting and 3D printing, currently in the exploratory phase.

A notable result of this stage is the development of the concept for an illustrated brochure, which reflects the symbolic dimension of traditional textiles throughout a person's life journey – from birth to rites of passage. The brochure adopts a narrative and accessible approach, combining documentary description with visual presentation of samples and traditional motifs.

In parallel, two scientific articles were published, analyzing the relationship between aesthetics, technology, and sustainability in the context of traditional textiles, as well as aspects concerning the enhancement of processing and decoration techniques through digital technologies. The project was represented at professional conferences, including an international event dedicated to cultural heritage, held on September 18–19, titled “The Cultural Heritage of Yesterday – Implications for the Development of Tomorrow's Society.” Participation is also planned for the InfoInvent 2025 invention fair on December 3–5, where a poster will present the current research directions and preliminary prototypes.

This stage laid the groundwork for systematic research on the national textile heritage, providing a solid platform for future initiatives aimed at reconfiguring and promoting traditional craftsmanship in a contemporary vision. The results obtained so far reflect a strong commitment to preserving cultural identity and integrating it into creative, sustainable, and innovative processes, in the context of the Republic of Moldova's European integration.

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