

Summary of the Activity and Results Obtained in the Sub-Programme in 2024
Strengthening the Resilience, Competitiveness, and Sustainability of the Economy of the
Republic of Moldova in the Context of the Accession Process to the European Union
Subprogram code 030101

The research conducted within this subprogram has contributed to the development of an integrated methodological framework that enables the evaluation of economic resilience across various dimensions and sectors, the analysis of competitiveness and sustainability, and the provision of useful tools and practical solutions for strengthening the national economy.

The main results obtained and implemented, taking into account the established objectives, are as follows:

- An integrated theoretical framework was developed, including: the economic resilience assessment system, based on the correlation of macro and microeconomic indicators; the concept of sustainable financing and the sustainable agriculture model, with resilience parameters adapted to the agricultural sector; as well as the methodological framework for assessing the competitiveness of enterprises, based on a coherent system of principles, variables, and relationships that ensure their applicability in research and practice.
- Studies of best practices in sustainable financing and sustainable agriculture, along with national empirical analyses, have contributed to the identification of optimal adaptation and implementation mechanisms for Moldova. The research highlighted the level of preparedness and motivation of the population for a sustainable economic transition and formulated concrete proposals for promoting the green and circular economy.
- Models, measurement methods, and relevant indicator systems were developed for monitoring the national economy and for comparing it with EU trends. These contribute to the transfer of best practices and the strengthening of economic resilience, competitiveness, and the transition towards a sustainable economy.
- New methodologies were developed, such as the methodology for assessing the competitiveness of enterprises at the sectoral and regional levels based on the Enterprise Competitiveness Index (ECI), and the methodology for assessing the infrastructure of higher education institutions. Additionally, unit labor costs and real effective exchange rates were estimated. These tools provide a solid methodological basis for performing estimations and rankings, creating profiles, and formulating findings and recommendations on the evolution of the targeted areas to inform public authorities and other stakeholders.
- A model for the implementation of photovoltaic panel projects in public institutions was developed, including a SWOT analysis and feasibility study. This represents a practical example for public institutions and entrepreneurs in the green economy, demonstrating the viability of renewable energy and facilitating the expansion of similar initiatives.

The results have been disseminated through 129 scientific papers published, 5 analytical papers, 6 posters presented at international exhibitions, and 2 scientific works. Visibility has been further enhanced through 11 papers published in journals and volumes indexed in the WoS/Scopus/Springer databases, as well as 42 articles published in specialized journals from abroad and accredited national journals. Visibility and recognition were also highlighted by 2 medals obtained at the European Salon of Creativity and Innovation EUROINVENT 2024 and the "Paul Bran" Award. Furthermore, 6 international scientific conferences and 11 seminars, public launches, round tables, and workshops were organized.

INCE experts provided support in the preparation of analyses and participation in official presentations in Brussels for Cluster 1 – Economic Criterion, by developing and providing the necessary information for the national presentation.