



2nd Scientific Conference for Students

During the period **10-11 April, 2025**, the **STEAM Center** within the *Faculty of Economics, Engineering and Applied Sciences* of the Cahul State University "Bogdan Petriceicu Hașdeu" hosted the second edition of the **Student Conference** entitled **"STEAM DEVELOPMENT OF LOCAL BUSINESSES"**. The event represented a valuable platform for dialogue and exchange of ideas between students, teachers and professionals from various fields, aiming to promote scientific research among young people and encourage the application of STEAM principles in the sustainable development of local businesses.



The participants – students from various study programs – presented scientific papers focused on current topics, grouped around three essential pillars: sustainable economic growth, social impact and environmental responsibility. These topics were approached from a multidisciplinary perspective, reflecting the complexity and relevance of the STEAM field in the context of regional development.

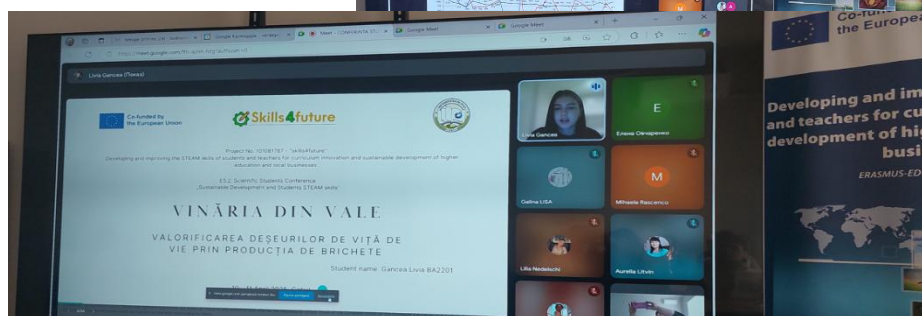
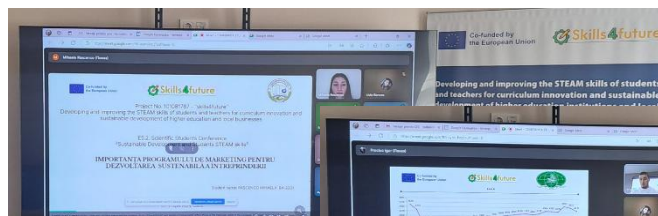


Skills4future project

ERASMUS-EDU-2022-CBHE-
STRAND-2

*Developing and improving the
STEAM skills of students and
teachers for curriculum*

**Cahul State University
"Bogdan Petriceicu
Hașdeu" from Cahul
Republic of Moldova**



2nd ROUND OF DEFENSE OF STUDENTS' LICENSE THESES



The main purpose of the event was to evaluate the technical, analytical knowledge and critical understanding capacity demonstrated by students in their final year, in relation to the contemporary dynamics of ecosystems, societies and economies. The aim was to verify how they manage to integrate the theoretical knowledge acquired during university studies with the complex and interconnected realities of today's world.

On MARCH 21, 2025, as part of the STEAM Discovery Week, the Business Plan Competition took place, in which students from the Faculty of Economics, Engineering and Applied Sciences also participated, an event hosted by the Technical University of Moldova. 4 business plans were presented during the competition:

Team Leader I — GANCEA Livia presented the business plan «Recycling of grapevine waste by producing briquettes in the company card of SRL «Vinăria din Vale», developed by students of the Business and Administration study program, year III.

Team Leader II — BRÎNZÎ Cătălina presented the business plan «Tiroliana Cahul», developed by students of the Business and Administration study program, year II.

Team Leader III — LUNGU Daniel presented the business plan «StudentFit: Healthy,

STEAM DISCOVERY WEEK



Balanced and Convenient Food for Students and Young Adults», developed by students of the Engineering and Management in the Food Industry study program, year III.

Team Leader IV — CARANFIL Olivia presented the business plan «Silver car wash» developed by the students of the Engineering and Management in the Machine Building Industry study program, 3rd year.



DIGITAL AND GREEN WEEK



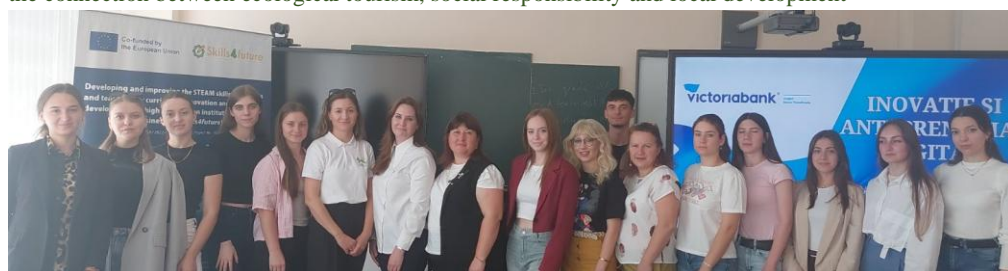
On September 15-22, 2025, the STEAM Center hosted a series of activities within the Digital and Green Week. The event included two main sessions. The first took place on September 15 and addressed current trends in the field of Business 4.0, focusing on the impact of digitalization and automation in the agri-food and livestock sectors. Domnica

Căpăține provided concrete examples from the activity of the “Bacii Sudului” Zootechnical Cluster and Ana Căpraru, owner of the La Cotihana Rest Area, approached from the perspective of the managed business, the development of the practical and sustainable perspective of the circular economy and the skills necessary for the transition to a green economy, came up with examples of sustainable practices implemented

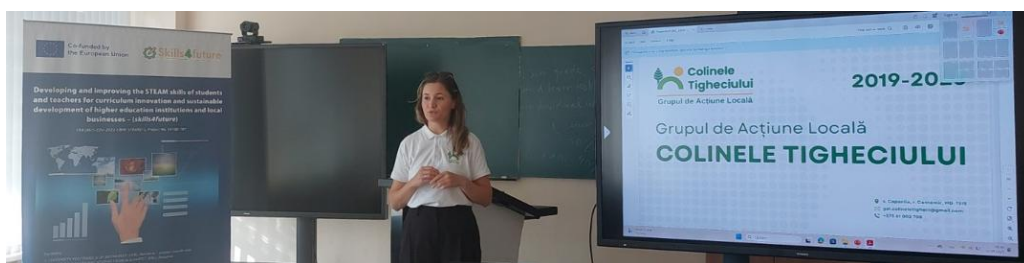
within their own enterprise (waste reduction, use of local materials), the importance of training green skills among young entrepreneurs,



the connection between ecological tourism, social responsibility and local development



The second session, held on September 22, aimed to explore the concept of applied intelligence for social purposes – that is, using knowledge, skills, and innovation to create sustainable solutions to community problems, presented by Rima Stăvilă, Director of the Colinele Tigheciului Local Action Group Association, and explored the practical dimension of digital innovation and entrepreneurship, especially in the context of developing and involving young people in digital transformation projects at the local level, presented by Lilia Garaz, Regional Director for the South Zone at Victoriabank.



Both sessions made a valuable contribution to achieving the project objectives, providing students with direct access to practical expertise from the economic and associative environment. The event promoted an applied learning framework, focused on developing key skills for the future: innovation, critical thinking, digitalization and social responsibility.

The events highlighted the importance of transversal skills and opened a new perspective on how students can become agents of school.

3rd and 4th FOLLOW-UP WORKSHOP

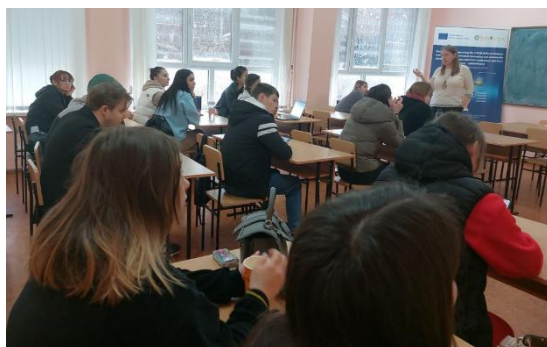


Developing STEAM Competencies for Students of the Bachelor's Degree Program in Business and Administration. During the FOLLOW-UP workshop, participants had the opportunity to meet with Mr. Cojocaru Lilian, Regional Manager for the Southern Region of the Republic of Moldova from OTP Bank. Mr. Cojocaru presented an overview of the role of banking institutions in supporting local economic development, emphasizing the importance of collaboration between academia and the financial sector in training future generations of specialists. Mr. Cojocaru also encouraged students to actively engage in training projects and internships in the banking field, emphasizing OTP Bank's openness to educational collaborations and joint initiatives with higher education institutions.



The second guest at the workshop was the Project Manager of the Cahul City Hall – Ms. Nedelcu Ana, who presented the main strategic directions of local development and ongoing initiatives, carried out through national and international funded projects. Ms. Nedelcu highlighted the efforts of the local public administration to support the sustainable development of the municipality by attracting external funds, inter-institutional

partnerships and active community involvement. There was also a broad picture of how the local public administration collaborates with external partners, including from the European Union, to implement projects that contribute to the modernization of the infrastructure, economic development and improvement of the quality of life in the municipality, as well as the commitment of the Cahul City Hall to support educational initiatives and create an environment favorable to the professional integration of young people in the community.



MULTIPLICATION EVENT ON THE DEVELOPMENT OF STEAM COMPETENCES

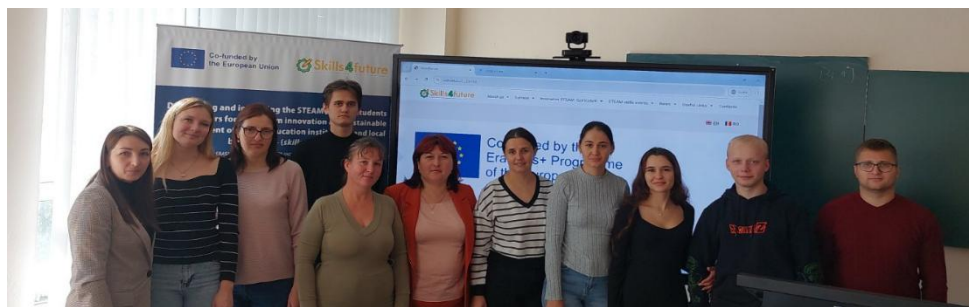
On April 7, 2025, the STEAM Center hosted the Multiplication Event on the Development of STEAM Competencies: with the theme "Developing STEAM Competencies: Aligning the Curriculum with Local Development Needs for Sustainable Social Growth". The purpose of the event was to promote and disseminate the project results, as well as raise awareness of the importance of STEAM education in addressing the challenges faced by local communities. The event also aimed to build and strengthen a collaboration network at the local and national levels, which would sustainably support the implementation and subsequent capitalization of the results obtained within the project. During the session, Ms. Glinjanu Ana, specialist at the National Social Insurance House of the Republic of Moldova, Cahul territorial subdivision. In her presentation, she provided essential information on the legal basis regulating the registration of economic agents on the CNAS platform, as well as the methods of managing their profile. Ms. Cravcenco Galina also complemented the discussions with useful information regarding the economic and fiscal responsibility of local businesses, while also highlighting the current problems entrepreneurs face in the digital reporting process. Her intervention brought to the forefront the administrative and technological challenges of the business environment, emphasizing the need for institutional support and continuous training to strengthen entrepreneurial capacities at the local level.



3rd and 4th

OUTREACH SESSIONS

EXPLOITATION WORKSHOP



On October 22, 2024 and February 18, 2025, the third and fourth information sessions, organized as part of the institutional dissemination activities, took place. The main objective of these sessions was to share the University's experience on the measures taken to modernize the curriculum of the "Administration and Business" program by integrating STEAM elements, as well as to develop applied discussions on the importance of STEAM skills in the training of future specialists. At the same time, the ways in which these skills support modern companies to align with the values of sustainability and the transformations specific to Industry 4.0 were analyzed.



On **10 October 2025** and **10 November 2025**, two exploitation workshops were held. The aim of these workshops was to facilitate the use of good practices and project results, contributing to the development of complex skills essential for the future of work in the context of Business 4.0. The events brought together representatives from academia, industry, and the private sector, creating a dynamic framework for exchanging ideas, identifying best practices, and initiating potential future collaborations. Discussions also focused on new governance and management systems for sustainable higher education institutions, highlighting the integration of innovation, research, and education with the evolving needs of modern business.



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