

Strengthening Knowledge Management for Greater Development Effectiveness in the Near East, North Africa, Central Asia and Europe



SKiM 2021 Steering Committee Meeting

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IFAD Consolidated Programme Implementation Unit (CPIU IFAD)

15th December 2021, International Center for Agricultural Research in the Dry Areas (ICARDA)











Summary of 2021 KM Activities



PARTICIPANTS

Research Institute of Field Crops "Selectia"



State Agrarian University of Moldova

Institute for Development and Social Initiatives (IDIS) "Viitorul"

IFAD Consolidated Programme Implementation Unit (CPIU IFAD)



For participating and conducting activities within the Project











Research Institute of Field Crops "Selectia"

Public Institution – Selectia Research Institute of Field Crops is one of the leading centers in the field of crop science and agriculture in the Republic of Moldova

Selectia Research Institute of Field Crops was founded in Balti in January 1944 in former USSR under the initial name Selectia - Experimental Station of SSR Moldova.

In 1956 on the base of this Station in Balti and the section of Crop Science which belonged to the Academy of Science of Moldova the Moldavian Research Institute in Agriculture was founded.

In 1961 the institute was transformed in the Moldavian Research Institute for Crop Breeding, Seed Production and Technology of Field Crops. In 1972 it was transformed in the Research Institute of Field Crops.

During the whole period of activity (during 75 years) in the SRIFC "Selectia" 357 varieties and hybrids were bred, including 163 varieties and hybrids registered in Moldova and abroad.





State Agrarian University of Moldova

The State Agrarian University of Moldova has trained over 55 thousand specialists, including 2 211 as masters in agriculture, engineering, and economic sciences.

Currently, over 4,000 students are studying at the State Agrarian University of Moldova in 6 faculties comprising 25 specialties in the first cycle, 22 specialties in the second cycle, and 24 scientific specialties in the third cycle.

The institution has a valuable intellectual potential and a rich infrastructure for teaching activities, scientific research, and provides students with good quality social, cultural, and sports services.

The results of scientific research conducted in the fields of horticulture, viticulture, poultry, agricultural engineering, sanitary-veterinary, food safety, pharmaceuticals, etc., contained in a large number of monographs, manuals, scientific articles, patents, have been largely implemented in production - by developing new plant varieties and hybrids, by creating crossbreeds of birds and animals, by developing technologies in plant culture and animal husbandry.





Institute for Development and Social Initiatives (IDIS) "Viitorul"

IDIS is an independent think tank, established in 1993 as a research and advocacy think tank, incorporated by Moldovan laws on non-for-profit and NGOs.

IDIS is combining social, political and economic research with solid advocacy components.

Institute consists from a number of cluster-fields (economics, taxation, decentralization, foreign policy, regional development, social and educational policy), where teams of dedicated experts conduct research, train or advocate for policy changes, with outstanding knowledge and expertise.

Training and Technical support to the Local and Regional Governments in Moldova, in municipal services delivery, access to budgetary information (open public budgets), creating labor and social opportunities to the people in need from the rural areas.





IFAD Consolidated Programme Implementation Unit

The International Fund for Agricultural Development, the specialized agency of the United Nations, founded in 1977 as a multilateral international financial body.

The objectives of the International Fund for the Development of Agriculture are to provide financial assistance for the development of rural areas, in order to eradicate poverty and ensure food security in underdeveloped countries.

IFAD Consolidated Programme Implementation Unit (CPIU IFAD) was created by the Government of the Republic of Moldova for the implementation of IFAD programmes, after the accession of the Republic of Moldova to the International Agricultural Development Fund in 1996.

The components of the IFAD Programmes are implemented in accordance with the procedures established and approved by the IFAD in agreement with the Government of the Republic of Moldova.

Proposed 2021 KM Developments and Initiatives



GOALS

- > Establish online interaction between Institute students farmers entrepreneurs researchers
- Showcase the applicability of the Conservation Agriculture System in Moldova
- Disseminate the result, lessons learned and best practices in agriculture to a wider audience

OUTCOME

- Website update for SAUM
- > Publication on Scaling readiness of the Conservation Agriculture System
- > Country Source book elaboration by the Institute for Development and Social Initiatives (IDIS) "Viitorul"

IMPACT

- ➤ A pleasant interactions with a user-friendly website that deliver a qualitative and intuitive experience for all users
- Knowledge sharing on synthesis of the findings and recommendations of CAS in Moldova
- Exchanging knowledge between different participants from Moldova, Morocco and Sudan on topics like best practices in agriculture, empowering women and youth in business, and the knowledge management in the Republic of Moldova

Summary of 2021 KM Activities



- National Technical Committee (online meeting 16th February 2021)
- Brainstorming on knowledge products and collaborations
- Communications with the representatives from SKiM about IFAD projects in Moldova and exploring synergies with SKiM project
- National Technical Committee (online meeting June 2021)
- Scaling Readiness of Conservation Agriculture System (CAS) in Moldova study
- Knowledge and Innovation Transfer through Technology Transfer Offices (TTOs) training
- Country Source Book "The Republic of Moldova promoting agriculture, women empowerment, youth, knowledge management, and best practices through Learning route"
- > Other type of informal interactions: calls, meetings, virtual, reminders, discussions











Knowledge and Innovation Transfer through Technology Transfer Offices (TTOs):

Enhancement of cooperation & collaboration among academic/research organizations (and private profit/non-profit sector to strengthen socio-economic development efforts.

Location: CIHEAM Bari 21-24 September 2021

During a 3 daily sessions the participants assisted to:

- traditional lectures on the different functions of the Technology Transfer Office services,
- simulation activities where were presented the basics of Technology Transfer Office role, organization and functions;
- three main pillars of the Technology Transfer Offices activities using an interactive session where the participants shared their ideas.



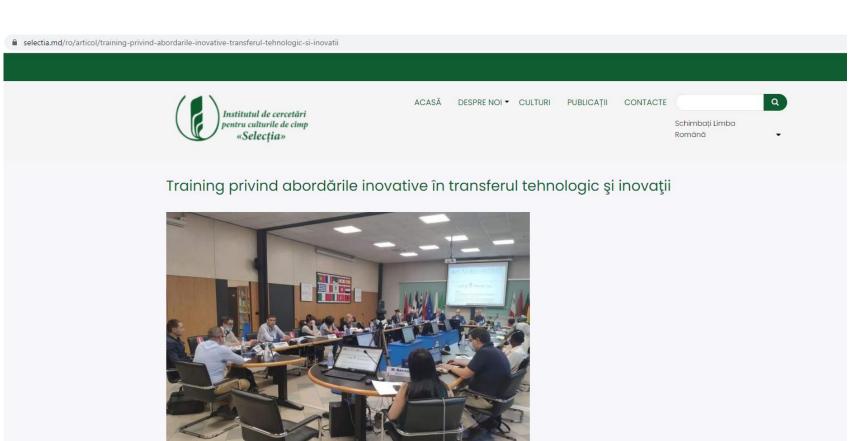
Rurac Mihail - PhD in agronomy, associate professor at the Faculty of Agronomy **Zbanca Andrei** - PhD in economics, associate professor at the Faculty of Economics

The training program was an interesting and consistent one, which included topics of interest for increasing the skills and abilities in the educational and extension process. The most applicable in their opinion for SAUM:

Introduction to Technology Transfer Offices's first pillar: Entrepreneurship support (start-ups and spin-off)The goal of a technology transfer office was to encourage technology transfer, innovation, and entrepreneurship. For a public university, those goals must also be aligned with the university's mission as a teaching and reabout the collaboration between universities, research centers and the industry that is increasingly perceived as a vehicle to enhance innovation through knowledge exchange.

Introduction to TTO's third pillar: Intellectual property's management The intersection between intellectual property (IP) management and technology transfer offices (TTOs) in the context of universities in order to understand how TTOs manage IP. IP management is an important issue, as it both enables and restricts the utilization of research results and influences the competitiveness of technology-based search institution. Experiences will be shared by start-up.





Doi cercetători științifici de la Institutul de Cercetări pentru Culturile de Câmp "Selecția", alături de alți experți din țara noastră, au participat în perioada 21-23 septembrie la un training internațional desfășurat la Bari, Italia.

Scopul instruirii a fost de a contribui la sporirea cooperării și colaborării dintre mediul academic sau instituțiile de cercetare și sectorul privat pentru consolidarea



SCALING READINESS OF THE CONSERVATION AGRICULTURE SYSTEM IN MOLDOVA



The IFAD-funded 'Scaling Readiness of Conservation Agriculture System (CAS) in Moldova' study, conducted in collaboration with SKiM project staff and national experts on conservation agriculture in Moldova, in close cooperation with the Consolidated IFAD Programme Implementation Unit in Moldova (CPIU IFAD), SAUM and Selectia analyzed over 1000 CAS-related resources in the country.

Authors: Murat Sartas, Boris Boincean, Mihail Rurac, and Akmal Akhramkhanov



SCALING READINESS OF THE CONSERVATION AGRICULTURE SYSTEM IN MOLDOVA



It compared Moldova to countries with similar agricultural, economic, and social systems and identified 140 different evidence sources that inform the study.

CPIU IFAD disseminated the information on the <u>website</u>

And arranged all the detail for the translations in Romanian and Russian of the publication



SELECTIA RESEARCH INSTITUTE OF FIELD CROPS RECEIVED SEED MATERIAL FROM INTERNATIONAL NURSERIES

- With the support of ICARDA, Selectia have added to their collection 90 varieties of winter wheat seeds.
- The collection has been replenished with the following winter legumes crops:

Chickpeas -72 varieties

Beans- 60 varieties

Lentils- 460 varieties

Lathyrus – 50 varieties

- The seeds were sown this autumn (2021), in small test plots with an area of 1m2.
- The results of the level of their productivity and the main agro-biological indicators will be evaluated in 2022 studied in comparison with one of the national standards for winter wheat variety



Field work and its documentation for the benefit of farmers, photo file creation





Seminars on CA





Seminars on CA

In 2021, with the support of ICARDA, 2 seminars were held with farmers from different localities of the country.

31 farmers had the opportunity to get acquainted with long-term field experiments, Selectia RIFC which includes long-term experiments on the study of different crop rotations, fertilizer systems, irrigation, tillage, including ecological and conservation agriculture.

The use of photo and video materials on our <u>website</u> and <u>Facebook</u> page contributes to the dissemination of information about the events and new scientific achievements of the Institute online. This allows you to provide access to information to everyone.



SAUM website

BEFORE AFTER









ISTORII DE SUCCES

IGOR IVANOV - POMICULTOR

Acest video a fost lansat în cadrul proiectului
"Consolidarea managementului cunoștințelor pentru o mai mare eficacitate a dezvoltării în Orientul Apropiat, Africa de Nord, Asia Centrală și Europa

2021 KM Activities Benefits



Improve Communication

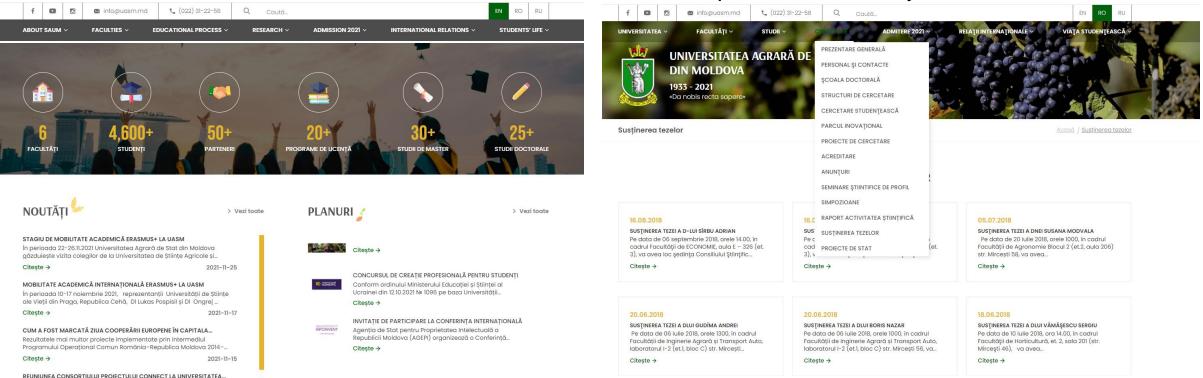
Improve The Brand Image

Better Learning Experience

Interactive Website

În perioada 07-13.11.2021, Universitatea Brusov din Yerevan, Armenia a fost

Broadcast Information and Updates Seamlessly



This new website provides a quick and easy way of communicating and disseminate information between all the interested parties. It is always accessible and it shows all the SAUM scientific results and achievements. It is a new way to promote the knowledge to the social public, to attract and build up collaboration relations in the field of education and research.



On-line library

The integration of the library into the global information space is closely linked to the development of international cooperation with the Food and Agriculture Organization (FAO) of the UN, which contributes to the efficient management of agricultural information and the application of new tools and information technologies in the library.



On-line register LibUnivCatalog

The shared catalog of the participating university libraries within the Tempus project "Modern information services for quality studies"







Welcome to IRAS SAUM!

IRAS SAUM is the Institutional Repository in Agricultural Sciences of the State Agrarian University of Moldova that collects, preserves and provides access to articles published in the scientific journals, annals, conference and workshop papers, doctoral theses, educational materials created by academic community. IRAS is included in OpenDOAR, ROAR and DuraSpace Registry.

Communities in DSpace

Select a community to browse its collections.

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- · Facultatea Agronomie
- · Facultatea Cadastru și Drept
- Facultatea Economie
- · Facultatea Horticultură
- · Facultatea Inginerie Agrară și Transport Auto
- Medicină veterinară
- Școala doctorală

Recently Added

Research of CO2 emissions in the Republic of Moldova and in soils under different field crops Cojocaru, Olesea; Filipciuc, Vladimir; Rozloga, Iurii; Boaghe, Lilia (2021)

The research object of this study is the agricultural soils of the Republic of Moldova. From an economic point of view, they are attributed to the field of phytotechnics and soil resources in the agricultural economic ...

<u>Urbanization effects on land use changes within Chisinau urban agglomeration. Case study - Stauceni commune</u>

Sîrbu, Rodica; Cujbă, Vadim (2020)

This article evaluates the effects of urbanization on the land use within Chisinau agglomeration. The research carried out regarding situation in Stauceni commune confirms that the peri-urban area undergoes a period of ...

The use of some preparations with beneficial microorganisms in cuniculture

Purpose of the research: evaluation of the impact of Streptomyces levoris CNMN-Ac-01 biomass and probiotic EM-1® on the microbiota of the gastrointestinal tract, growth and development of domestic rabbits.



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Institutional Repository in Agricultural Science

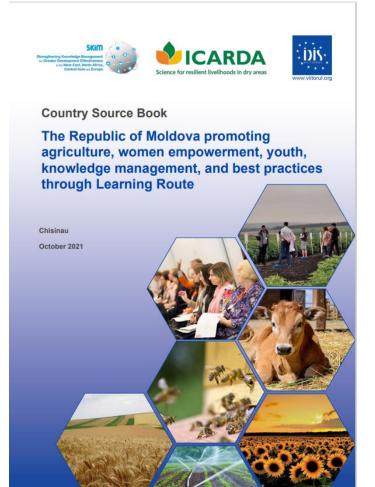
Collects, preserves and provides access to:

- articles published in the scientific journals, annals,
- conference and workshop papers,
- doctoral theses,
- educational materials created by academic community



Country Source Book

"The Republic of Moldova promoting agriculture, women empowerment, youth, knowledge management, and best practices through Learning route"



The best practices from the Republic of Moldova related to agriculture, women empowerment, youth and knowledge management was published and disseminated through this sourcebook based on **five** case studies, in order to contribute towards raising awareness in the Republic of Moldova on the importance of knowledge management as an asset for rural development, through peer-learning, knowledge sharing, and cooperation.

A group of 18 university professors from Morocco and Sudan visited the Republic of Moldova between October 11-17, 2021

16 participant from R. of Moldova

Summary of 2021 KM Activities



Maps of the Republic of Moldova with the main points from the Learning Route



Case study 1. Women's empowerment and best practices sharing; Anthology of female success stories / knowledge management practices

Case study 2. Youth and knowledge management. Open innovations with Smart Caffe at the State Agricultural University of Moldova, Chisinau

Case study 3. Agriculture. Developing new field crop varieties, producing foundation seed, developing environmentallyfriendly technologies, developing new, sustainable agricultural systems. Visit of the experimental fields of "Selectia" Research Institute of Field Crops (Balti)

Case study 4. Women empowerment. IFAD beneficiary. "La Prisaca" – Beekeeping hut, apitherapy, honey collection and processing hall, honey extraction centrifuge, greenhouse

Case study 5. Women empowerment. IFAD beneficiary. The cattle farm at Untesti, Ungheni

2021 KM Activities Feedback



Beside the opportunity to visit Moldova and meet representatives from the various national and local stakeholders, we have really acquired valuable knowledge, experience and best practices in the fields of Agriculture, Forestry, business development and women empowerment.

Ibrahim Rahamtalla

Natural Resources and Adaptation Manager IFAD Livestock Marketing and Resilience Programme Kosti, Sudan

I thank you very much for organizing the learning route in your beautiful country Moldova. It was both rich and fun. The complementary diversity of the different axes that we explored during the program is for me the first richness of the workshop. A second interest consists in knowing your experience in promoting the agricultural sector through the involvement of your institution IDIS and the establishment of a support program, such as the IFAD program. A third richness is the meeting of a multidisciplinary team from several countries which is interested in promoting and enhancing the agricultural sector.

Pr. Ait El Kadi Kenza

Department of Cartography-Photogrammetry School of Geomatic sciences et Surveying. IAV Hassan II





A fost dat startul activității "Traseul învățării" care face parte din proiectul "Consolidarea managementului cunoașterii pentru o mai mare eficacitate a dezvoltării în Orientul Apropiat, Africa de Nord, Asia Centrală și Europa (SKIM)", implementat de către International Center for Agricultural Research in the Dry Areas - ICARDA și finantat de către International Fund for

Republica Moldova este reprezentată de IDIS "Viitorul", UCIP IFAD Moldova, Universitatea Agrară de Stat din Moldova, Institutul de Cercetări pentru Culturile de Câmp "Selecția"

În cadrul proiectului colaborează diverși parteneri internaționali, precum CIHEAM-Bari, PROCASUR, Virginia Tech, (NARS), guverne și servicii de extensie agricolă din Moldova, Maroc și Sudan.

http://www.ucipifad.md/.../o-delegatie-din-maroc-si.../

#ucipifadmoldova #learningroute #sharingknowledge

Agricultural Development (IFAD)













UCIP IFAD Moldova

Published by Ucip Ifad ○ · 15 October · ③

*Agenda "Traseul învățării" / Ziua III / Rezina / Soroca

La Prisacă International Center for Agricultural Research in the Dry Areas - ICARDA

International Fund for Agricultural Development (IFAD)... See more









Carolina Ungureanu is with Maria Procopciuc. 14 October - 😚

Participans enjoy the Learning route in Rezina and Soroca, Illrd day IDIS "Viitorul"

La Prisacă

International Center for Agricultural Research in the Dry Areas - ICARDA International Fund for Agricultural Development (IFAD)

#idis #ucipifadmoldova #learningroute #sharingknowledge









Carolina Ungureanu is with Maria Procopciuc. 16 October · ❸

Traseul invatarii, ziua a IV

IDIS "Viitorul"

International Center for Agricultural Research in the Dry Areas - ICARDA International Fund for Agricultural Development (IFAD)

#idis #learningroute #sharingknowledge





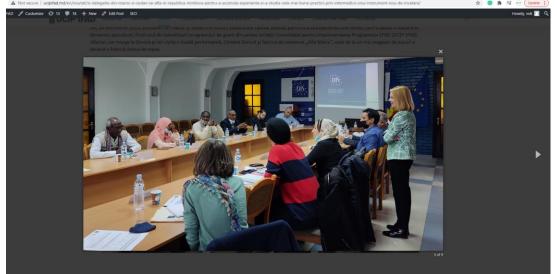
Carolina Ungureanu is with Maria Procopciuc.

The Republic of Moldova promoting agriculture, women empowerment, youth knowledge management and best practices through Learning Route, day V IDIS "Viitorul"

International Center for Agricultural Research in the Dry Areas - ICARDA International Fund for Agricultural Development (IFAD)

#idis #learningroute #knowledgemanagement







Print version

viitorul.org/en/content/delegation-morocco-and-sudan-republic-moldova-gain-experience-and-study-best-practices

A Maria Procopciuc

← Back to

A delegation from Morocco and Sudan is in the Republic of Moldova to gain experience and study best practices through a new learning tool

SDIC MANIS COURT

A group of 18 university professors from Morocco and Sudan is visiting the Republic of Moldova between October 11-17, 2021. They participate in the "Learning Route" to learn about best practices in agriculture, empowering women and youth in business, and the knowledge management in the Republic of Moldova. Learning Routes were introduced as a key method of knowledge management and learning. Learning routes are a means of exchanging knowledge between different participants and countries. IDIS Viltorul used the Procasur Corporation Learning Route Methodology (PROCASUR), which was recognized, reproduced, expanded, and institutionalized over the years.

The activity is part of "Strengthening Knowledge Management for Greater Development Effectiveness in the Near East, North Africa, Central Asia and Europe (SKIM)" Project led by the International Center for Agricultural Research in the Dry Areas (ICARDA) and funded by International Fund for Agricultural Development (IFAD).

Various international partners, such as CIHEAM-Bari, PROCASUR, Virginia Tech as well as National Agricultural Research Systems (NARS), national governments, and agricultural extension services in Moldova, Morocco, and Sudan, are collaborating within the project.

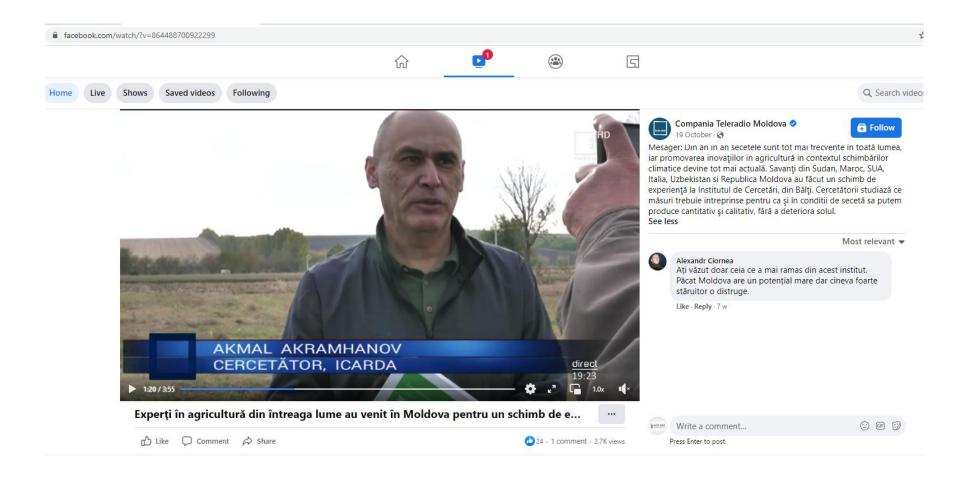
Representing the Republic of Moldova in the project is the Institute for Development and Social Initiatives (IDIS) "Viltorul", the Consolidated Unit for the Implementation of IFAD Programs (UCIP IFAD), the State Agrarian University of Moldova, the Research Institute for Field Crops "Selectia" from Bâlti.





2021 KM Mass media





2021 KM Activities Collaborations





<u>Network of Smart Caffe</u> is a platform for generating, developing and commercializing innovative ideas through entrepreneurial rout (start-ups) or in collaboration with companies (open innovation).

It brings students, researchers, entrepreneurs, SMEs, solution and service providers, users into co-creative environment, cross different perspectives and deepen understanding about complex interactions between technologies and market; and thereby substantially increase the likelihood for both high potential start-ups and successful open innovations.

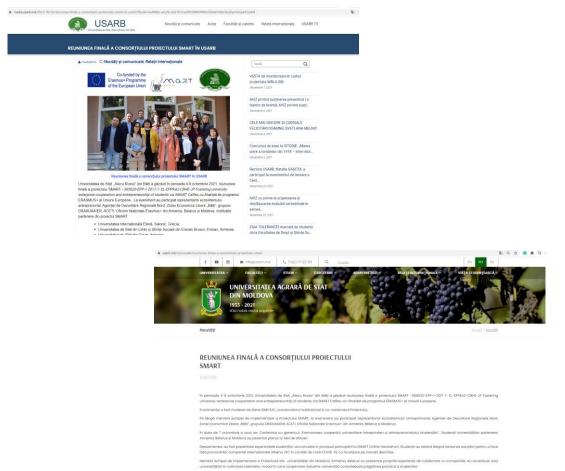




2021 KM Activities Collaborations



During 4-8 October 2021, final meeting of the SMART project – Fostering university-enterprise cooperation and entrepreneurship of students via SMART Caffes, co-financed by the ERASMUS + EU



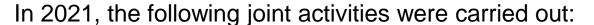
The event was attended by representatives of the entrepreneurial ecosystem, the Northern Regional Development Agency, the Balti Free Economic Zone, the DRÄXLMAIER group, ACETI, the Erasmus + National Offices in Armenia, Belarus, and Moldova, the SMART project partner institutions:

- Hellenic International University, Thessaloniki, Greece;
- Yerevan State University of Languages and Social Sciences Brusov, Yerevan, Armenia;
- Gavar State University, Armenia;
- Gomel University of Commerce and Economics of Consumer Cooperation, Belarus;
- Alecu Russo State University of Balti;
- Academy of Economic Studies of Moldova, Chisinau, Moldova;
- State Agrarian University of Moldova;
- NGO "Impulse".

2021 KM Activities **Collaborations**







- training students, masters and farmers in a public lesson organized by the ICCC "Selection" jointly with USARB and scientists in Germany
- joint participation in a seminar organized on the Conservation Agriculture in Tiraspol with the participation of farmers
- online participation in the International Scientific Conference dedicated to the 90th anniversary of the Moscow Institute of Agrochemistry, Russia









SKIM

Strengthening Knowledge Management for Greater Development Effectiveness in the Near East, North Africa, Central Asia and Europe



Thank You









