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SUSTAINABLE LIVESTOCK PRODUCTION AND ANIMAL WELFARE (SULAWE)

N° 101083023 – SULAWE - ERASMUS-EDU-2022-CBHE

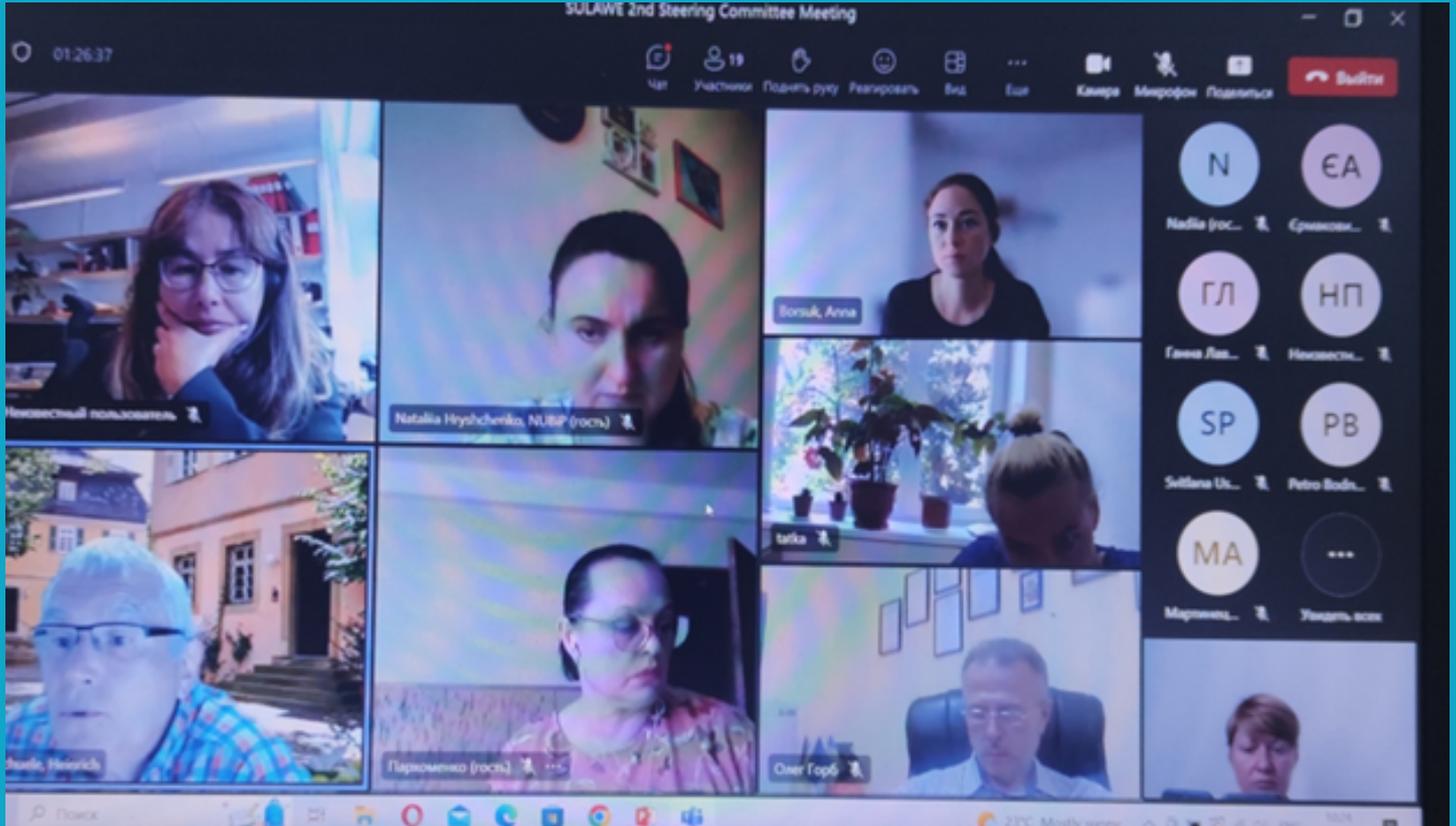
**Capacity Building in the field of Higher Education
(CBHE)**

The project duration: 01.01.2023 - 31.12.2025

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2nd Steering Committee Meeting was held on 8-th of September 2023



All project partners have participated at the meeting. The report on activities implemented in January – August 2023 and the report on ongoing project activities and time plan were presented by Anna Borsuk at the meeting. The short presentations of module description were done by the module leads:

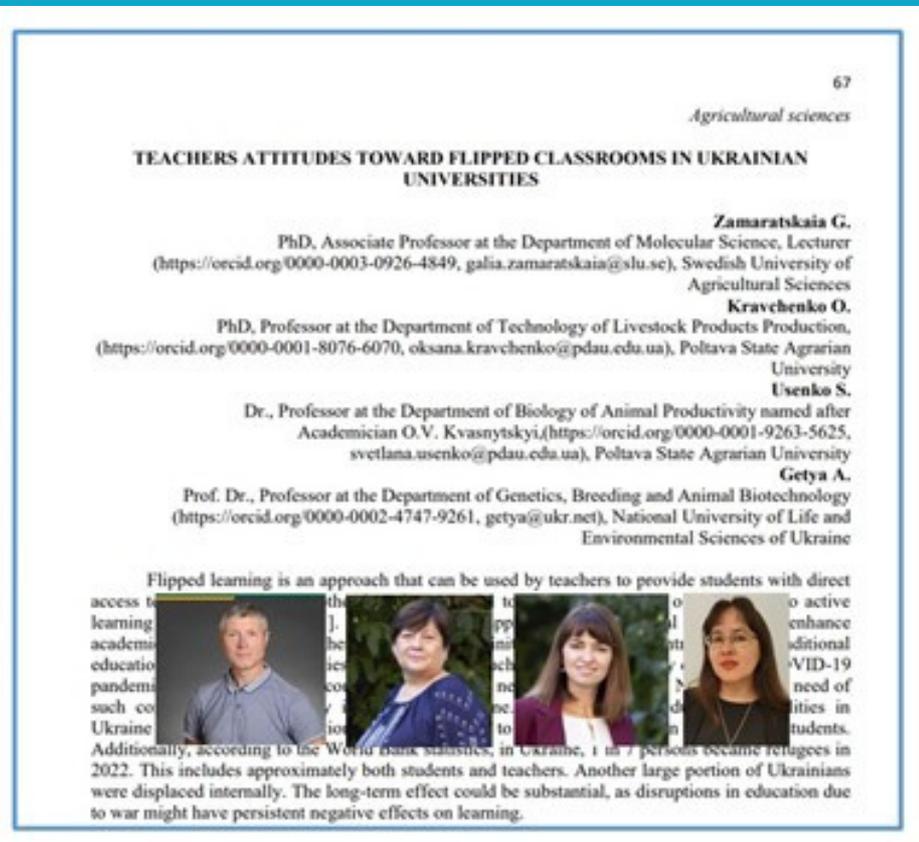
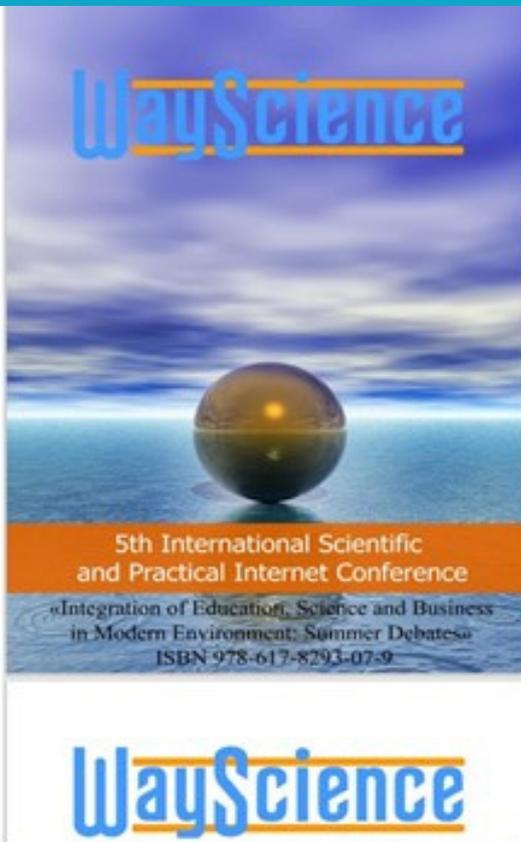
- Module 1 (Nataliia Hryshchenko, Andriy Getya, Marija Klopoci)
- Module 2 (Ihor Dvylyuk, Elina Asbjer)
- Module 3 (Pavlo Vashchenko, Olena Smirnova, Heinrich Schuele)

At the meeting, the following issues were discussed: next steps of module development, teachers trainings, establishment of excellence centres for LLL, organisation of the “Cattle Conference”, Quality assurance and dissemination activities.

SULAWE activities

5th International Scientific and Practical Internet Conference “Integration of Education, Science and Business in Modern Environment: Summer Debates”

The participants of SULAWE project constantly work on the evaluation of new pedagogical approaches and methods. On August 3-4, 2023, the project participants **Andriy Getya** (NUBiP), **Svitlana Usenko** (PDAU), **Oksana Kravchenko** (PDAU) and Galia Zamaratskaia (SLU) participated in the 5th International Scientific and Practical Internet Conference “Integration of Education, Science and Business in Modern Environment: Summer Debates”. They presented the results from a study on the attitudes and existing knowledge about the flipped classroom approach at the National University of Life and Environmental Sciences of Ukraine and Poltava State Agrarian University. The study was financially supported by the Education, Audiovisual and Culture Agency (EACEA), European Commission, under Grant “Sustainable Livestock Production and Animal Welfare (SULAWE)”, number IOI083023 — SULAWE — ERASMUS-EDU-2022-CBHE and the Swedish Institute (SI), Baltic Sea Cooperation, number 01877/2021, Happy Animals for Sustainable Production And Consumption.



The Center for Innovative Technologies of Sustainable Pig Farming of NUBiP of Ukraine holds its first scientific event



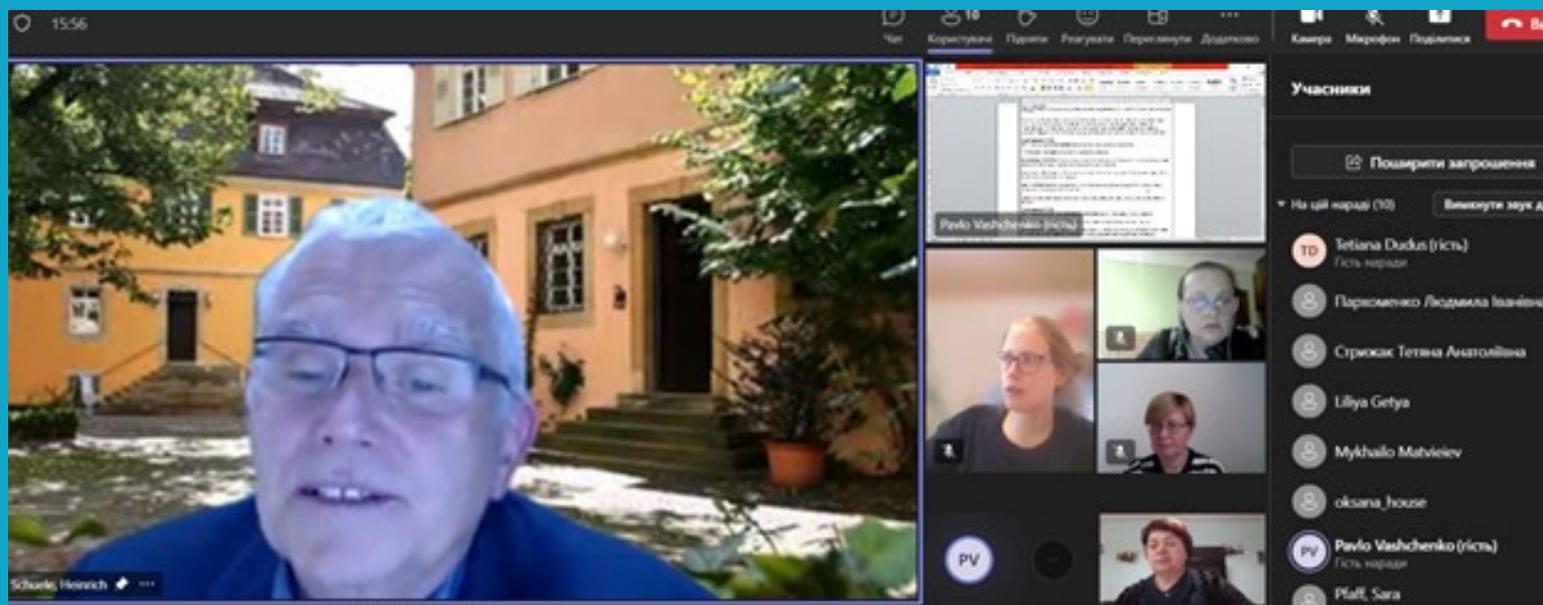
On October 17 2023, the International webinar “ Sustainable Livestock Production and Animal Welfare: Meat Biochemistry in Relation to Animals stress” was held in frame of ERASMUS+ project «Sustainable Livestock Production and Animal Welfare».

The lectures were organized by SLU as a part of Erasmus project, work packages “Capacity building and teachers training”, and “Development of innovative SuLAWe curricula and implementation”, module I, subtopic Livestock production, raw material and final products. The lecturer of the event was a professor at the Swedish University of Agricultural Sciences (Uppsala), a specialist in external cooperation on food quality issues, coordinator of the research schools “Focus on Food and Biomaterials” and “LiFT” (“Future Technologies for Food Production”) **Galiya Zamaratska**.

Close to 100 participants from partner organisations from Ukraine took part in the webinar.

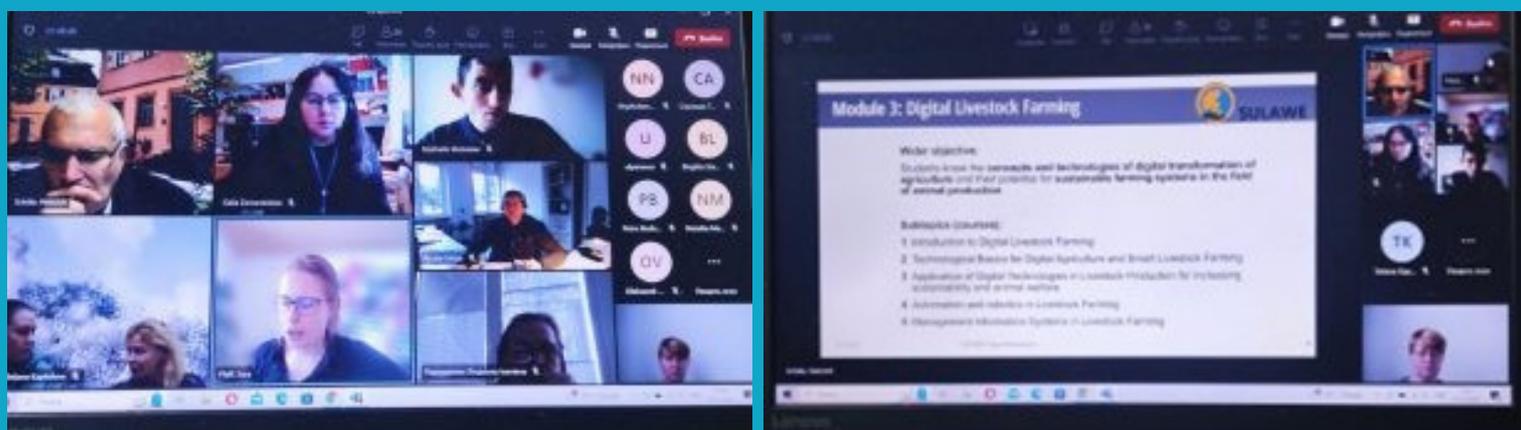
WP2 Meetings of the Working Group of Module 3 “Digital Livestock Farming” (27.09 and 26.10 2023)

Two online meetings were held to discuss the Module description and the next steps regarding development of Module outline and teaching material. Moreover, the planning of further actions was made.



Curriculum Development Workshop (01.12.2023)

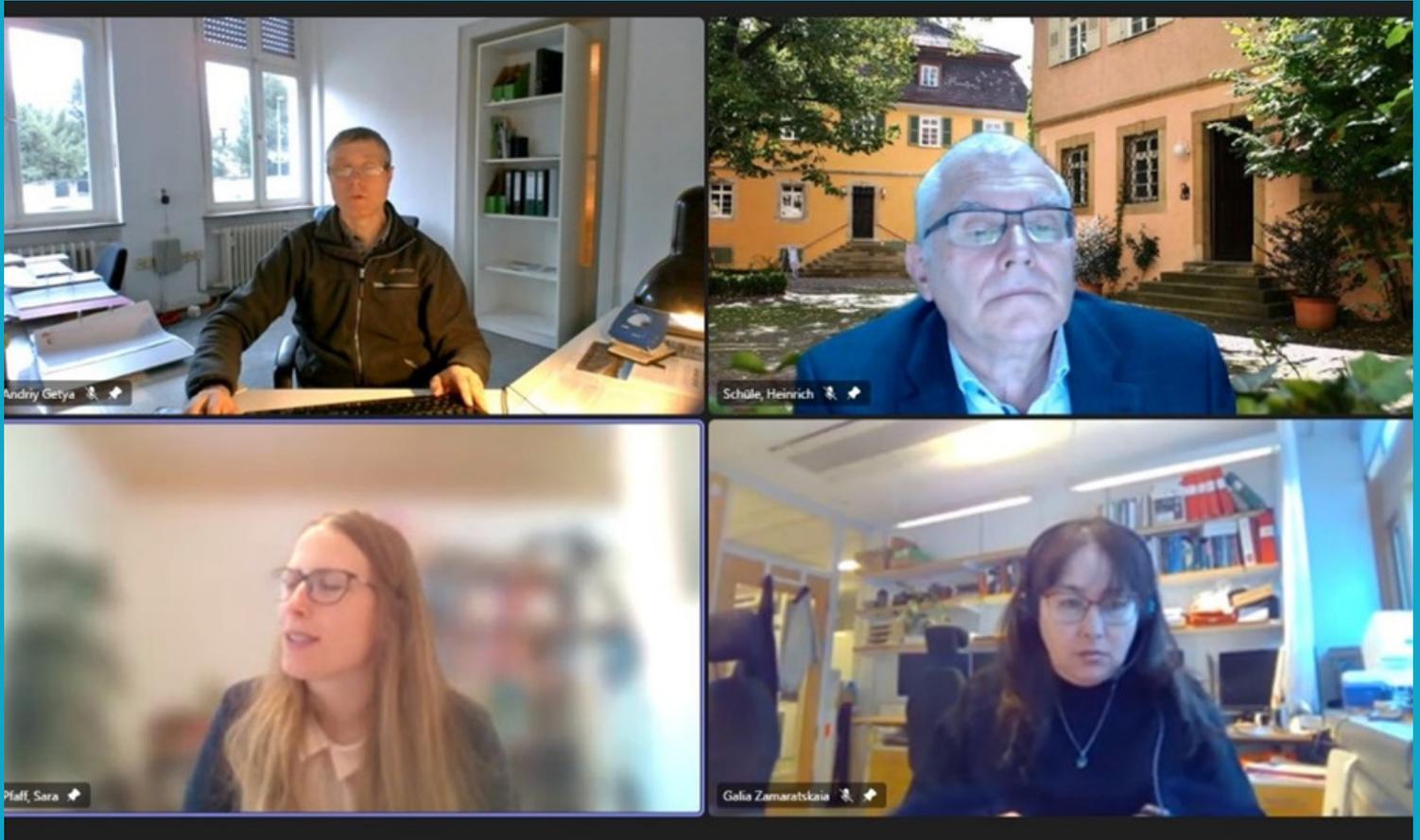
During this meeting, an overview of WP2 was made. Responsible for each module made presentations, familiarized with the successes in the work, provided the necessary information. The planned tasks and objectives for the development of the module were discussed during the workshop too. The result of this meeting was a decision to plan the concrete implementation of all three modules for the fall of 2024.



Teachers training workshop (08.12.2023)

The Teachers training workshop was held online on December 08.2023. Each host university (NGU, SLU, UL) presented a training program for Ukrainian teachers.

After the presentation of the visit programs, the meeting participants had the opportunity to participate in the discussion, ask questions and make their suggestions regarding the training programs.



LLL centers creation

Within the framework of the project, 4 LLL centers were created on the basis of all universities participating in the project.

LLL center on Sustainable Cattle Breeding and Milk Production was created at the S.Z. Gzytsky National University of Veterinary Medicine and Biotechnology of Lviv with the aim of training specialists in the field of sustainable development of cattle breeding and milk production, conducting scientific research, providing consulting services, and conducting outreach work for agricultural producers of medium and small farms, etc.

The main activities of the innovation center are – training, science, consultancy, education and informing.

The expected results of the Center's work are primarily to increase the awareness of farmers and interested parties regarding the effective management of the livestock industry in the context of sustainable animal husbandry. The center plans to become a platform for the exchange of ideas and research, which can contribute to the development of new innovative approaches in the management of dairy cattle and milk production. The center will try to become an attractive platform for investors, will contribute to the sustainable development of rural areas and increase the awareness of consumers.

The location of the Center: Ukraine, Lviv, 79010, str. Pekarska, 50, S.Z. Gzytsky National University of Veterinary Medicine and Biotechnology of Lviv.



The “Innovative Sector of Excellence for Lifelong Learning: Sustainable Poultry Farming”

was established at [Poltava State Agrarian University](#) to provide training in the field of sustainable poultry farming to agricultural production specialists, to conduct scientific research, as well as to provide advisory services in the field of sustainable poultry farming, etc.

The main directions of the Sector’s activities are: expertize, research, advisory, education, information and training.

The expected outcome of the Sectors’s work is the creation of conditions for better integration of innovations into agro-industrial production based on the principles of sustainability, through participation in the implementation of state and regional programs, international, non-governmental and public initiatives for the development of rural areas.

The location of the Center: Ukraine, Poltava, 1/3 Skovorody str., 36003, Poltava State Agrarian University, educational building No. 4, auditorium No. 405.



The Centre for Innovative Sustainable Technologies of Pig Production was established at the Faculty of Animal Husbandry and Aquatic Bioresources of National University of Life and Environmental Sciences as part of the Department of Technologies in Poultry, Pig and Sheep Breeding. It was created on the basis of the decision of the Academic Council of the National University of Life and Environmental Sciences of Ukraine dated 27 September 2023 (Minutes No. 3) and in accordance with the Rector's Order dated 29 September 2023 No. 981

The main activities of the Sector are: expert, research, advisory, educational, informational and educational.

Centre for Innovative Sustainable Technologies of Pig Production, as a platform for the intersection of the interests of modern science, institutions of higher and pre-higher education, research institutes and the production sector. On the basis of the Center, it is planned to conduct educational, scientific, research, practical-production and educational activities with the aim of developing the potential of domestic education and science, as well as strengthening the position of the livestock industry in the field of sustainable development.

The location of the Center: 03041, Kyiv, Heroes of Defence Street, 12-b, Teaching building 7-A, of, 105



Information and knowledge transfer center on sustainable livestock production and animal welfare

Existing Center for Modern Education and Information Technologies of Volodymyr Dahl East Ukrainian National University will performing implementation of Lifelong Learning Center within project SULawe.

The center's tasks will include:

1. Development of training courses and performing master classes on veterinary telemedicine and sustainable livestock farming, precision livestock farming for specialists in the relevant agricultural sector.
2. Organization and performing of trainings, conferences, internships, round tables, webinars for applicants for agricultural specialties, specialists in technology of production and processing of livestock products and veterinary medicine (in the context of the direction of production of the economy and the size of the enterprise, managers and specialists: farms, complexes, family farming).
3. Implementation of new elements of digital education (flipped class)
4. Information and consulting services to the farms of the eastern region of Ukraine on the welfare and welfare of animals, as well as veterinary services.
5. Ensuring the possibility of communication of higher education applicants during the educational process with specialists- practitioners of various institutions and organizations using digital technologies.

Location of the Center: Kyiv, st. John Paul II, d.17

The International «Forum Policy – Business – Science – Education. Sustainable Cattle Farming and Milk Production in Ukraine» (23.11.2023)

On November 23, the International Forum Sustainable Cattle Farming and Milk Production in Ukraine” was held as part of the ERASMUS+ project.

The international forum was aimed at highlighting current issues of sustainable livestock and animal welfare, which are important for understanding current trends in the industry.

Well-known international and Ukrainian experts took part in the discussion, whose speeches focused on specific topics important for farm specialists, managers of various levels, as well as scientists. Interesting plenary and profile sessions were held at the forum, followed by a panel discussion. The event was held with the support of the Ministry of Agrarian Policy and Food of Ukraine, The Association of Milk Producers, The Scientific and Methodological Center for Higher and Pre-Higher Education and Stepan Gzhytskyi National University of Veterinary Medicine and Biotechnologies Lviv. More than 100 Ukrainian and foreign participants took part in the forum.

