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SUSTAINABLE LIVESTOCK PRODUCTION AND ANIMAL WELFARE (SULAWE)

№ 101083023 – SULAWE - ERASMUS-EDU-2022-CBHE

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Study visits to European universities dedicated to the LLL Centers creation and the development of training materials for their work

Study visit to the University of Nürtingen-Geislingen (Germany), from July 1 to 09, 2024



During this visit, Ukrainian specialists improved their qualifications and gained additional knowledge that they will need to develop training materials for LLL Centers in the field of "Digitalization in Animal Husbandry".



The project participants visited the HFWU research farm, listened to the presentation by Sara Pfaff 'DiWenkLa, focus on approaches to lifelong learning/LLL. Agricultural Education in Baden-Württemberg', after which everyone had the opportunity to exchange views on higher education and lifelong learning in Germany. They visited DEULA Baden-Württemberg and got acquainted with the DEULA training centre, where Marco Riley made a presentation and conducted a tour. Johannes Fuchs' presentation "Approaches to Lifelong Learning and the Business Game" was very useful, after which the participants had the opportunity to play the game themselves. The delegation members visited the Baden-Württemberg Agricultural Centre (LAZBW), where they visited the cattle location. They also had the opportunity to visit Energiepark Hahnennest GmbH Co.KG, a company that is engaged in renewable energy sources using mixed sludge, and the TREBER-HOF family farm in Felbach, whose business has roots in many generations. The farm offers a children's programme: 'From Egg to Chicken', "From Cob to Bread", "From Apple to Juice". The Ukrainian experts visited the Education and Knowledge Centre (EKC) of the Boxberg State Institute of Pig Production, where Eva Maria Hertz gave a tour of the stables at the most important areas of LSZ. The visit ended with a discussion on the development of LLL courses, an evaluation of the study tour and the presentation of certificates.



Study Visit to the University of Ljubljana (Slovenia) from 11 to 21 August 2024



Thanks to this visit, Ukrainian professors and members of associations were able to learn about the personality of Slovenian agriculture, the mechanisms of cooperation between farmers and the state, and the programmes of financing producers. The programme included several visits to farms in Slovenia. The programme participants visited the Krskopolje pig breeding farm and learnt about the way pigs are kept and the possibilities of meat processing directly on the farm. Slovenian communication expert Karmen Erjaveč conducted a training on Lifelong Learning and the Importance of Communication in Studying Animal Husbandry. The training was also dedicated to agricultural education in Slovenia and knowledge transfer. Ukrainian teachers not only studied the experience of Slovenian specialists, but also shared their own achievements. Thus, representatives of universities spoke about their curricula for LLL Centres, which were developed within the framework of the project.

As part of the visit, the programme participants visited the Faculty of Animal Husbandry of the University of Ljubljana, the Laboratory for Research and Knowledge Transfer, the Laboratory for Genetics, the Laboratory for Feed, Milk and Livestock Quality Research, as well as the experimental farms of the University and the Logatec Research Farm (breeding sheep and dairy goats). A very interesting lecture by Professor Mojca Simčič was devoted to the best practices related to the conservation of indigenous animal breeds (animal genetic resources) and small ruminant breeding programmes. At the end of the study visit programme, all participants received certificates.



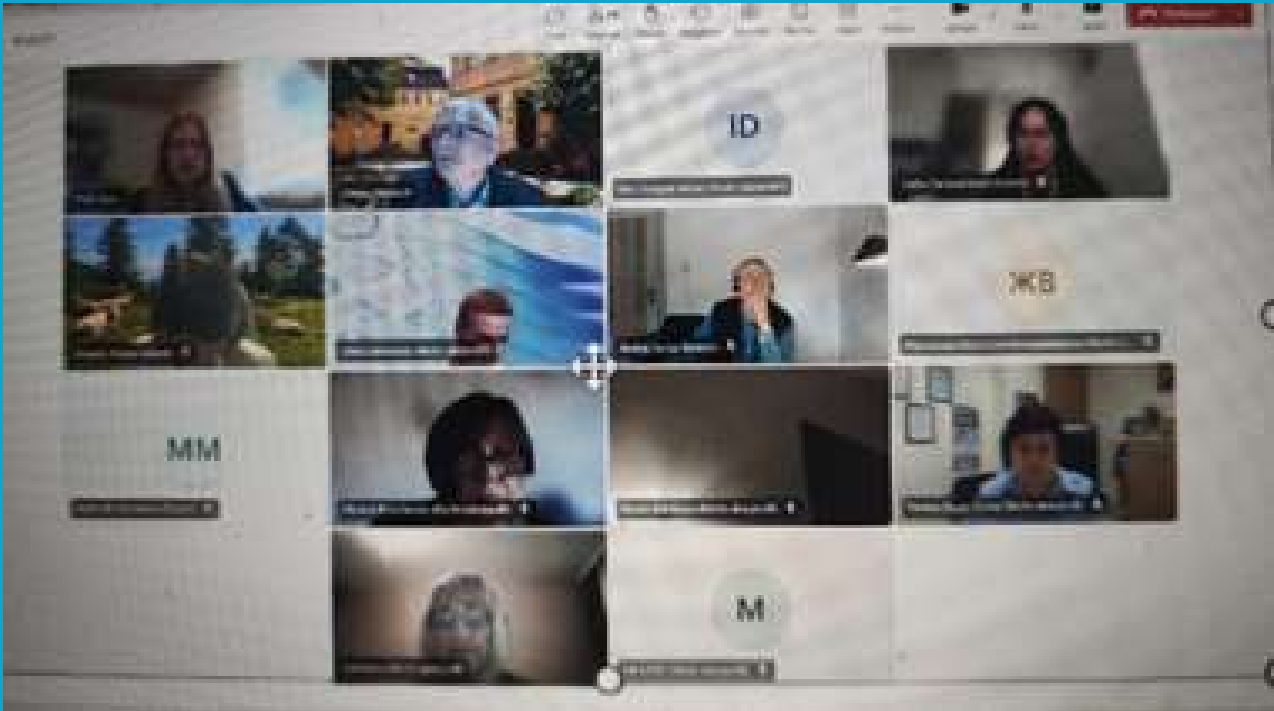
Study visit to the Swedish University of Agricultural Sciences (SLU), from 02 to 12 September 2024



The training was dedicated to the development of courses for LLL Centres in the area of Animal Welfare. The programme consisted of two blocks: a general pedagogical block and a block on animal welfare. Cecilia Almlov gave an overview of professional development at SLU, and also talked about e-learning, approaches to its organisation, advantages and disadvantages. Alexandra Durso conducted a training on 'What does social constructivism look like in the context of e-learning'. During the training period, they talked about keeping and breeding piglets, castration and immunocastration of boars, research conducted on chickens and their impact on the behaviour and health of adult chickens, egg production of chickens, etc. They discussed the introduction of artificial intelligence in higher education, its opportunities, benefits and challenges for teachers and students. As part of the programme, a study visit to a family pig farm in Västerås was organised. The farm is a medium-sized family farm located in central Sweden. According to the rating, it is among the top ten. It has piglets, adult pigs and fattening animals. Swedish animal welfare regulations are the most demanding in the EU. Thanks to the study visit to SLU, Ukrainian specialists gained an interesting experience that they will pass on to their colleagues and students.



2 Forth online Steering Committee Meeting of the project

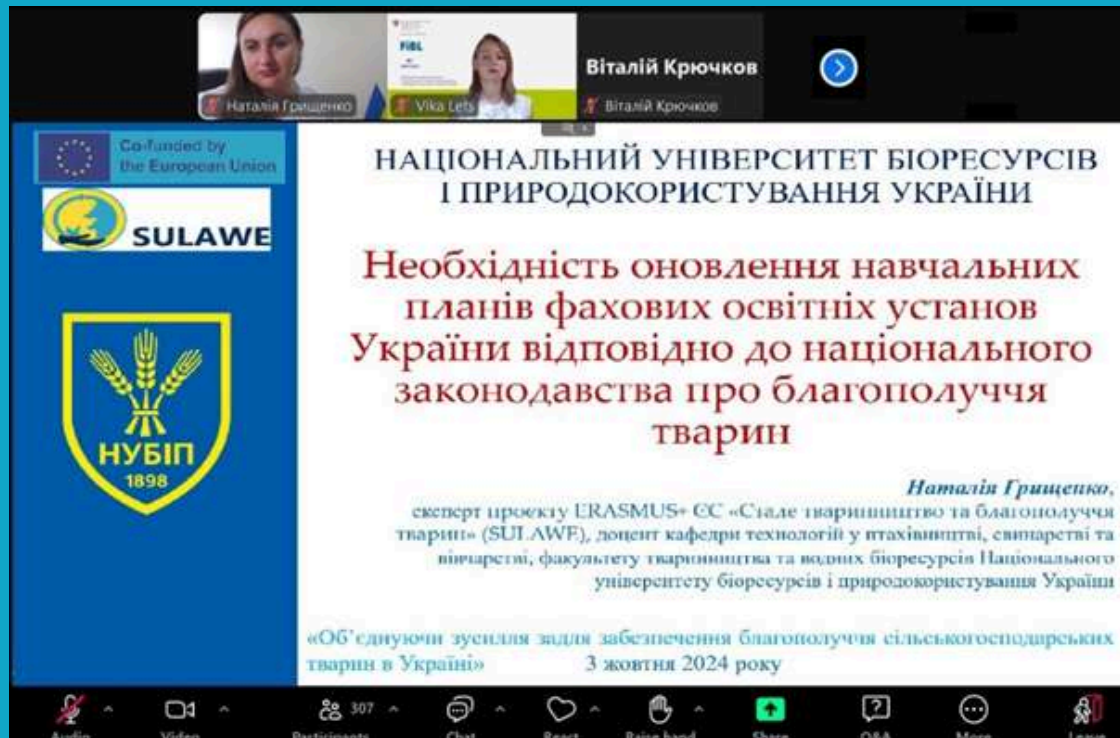


On 20 September 2024, the 4th online project Steering Committee Meeting took place, attended by representatives of all partner universities and the external evaluator Rossica Betcheva. Sara Pfaff presented the Report on activities implemented in February 2024 - September 2024 and the Report on current project activities and timeline. Short presentations on the current state of implementation in the curriculum for each module were made by the partners: Andriy Getya (NUBiP) Module 1, Ihor Dvyluk (LNUHMB) Module 2, Olena Smirnova (PDAU) Module 3. Anastasiia Zhukovska presented a report on the experience of study tours. Other issues discussed included the status of student mobility, the upcoming poultry conference, the current state of preparation of the electronic manual, and others.

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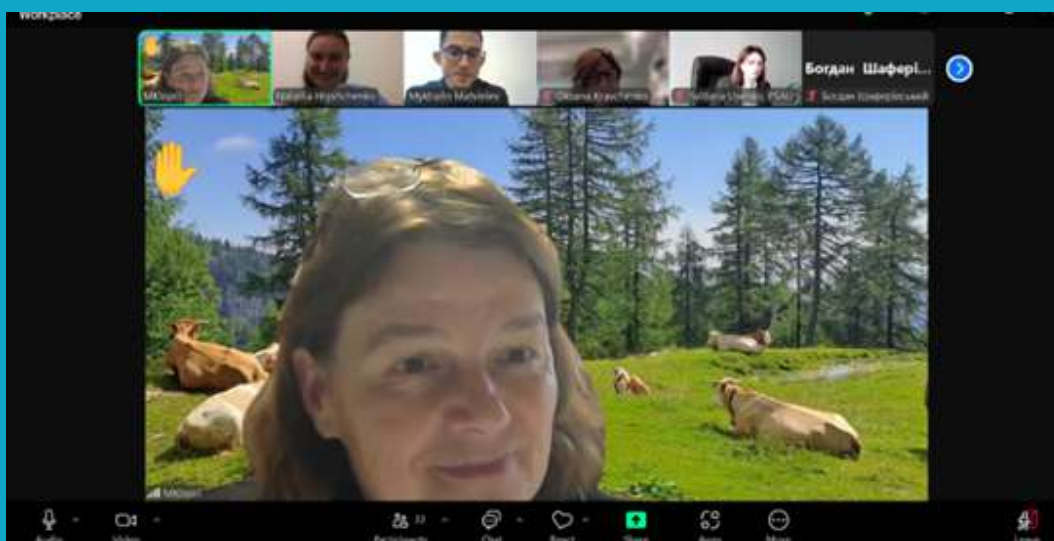
SULawe activity

We cooperate with partner projects in Ukraine



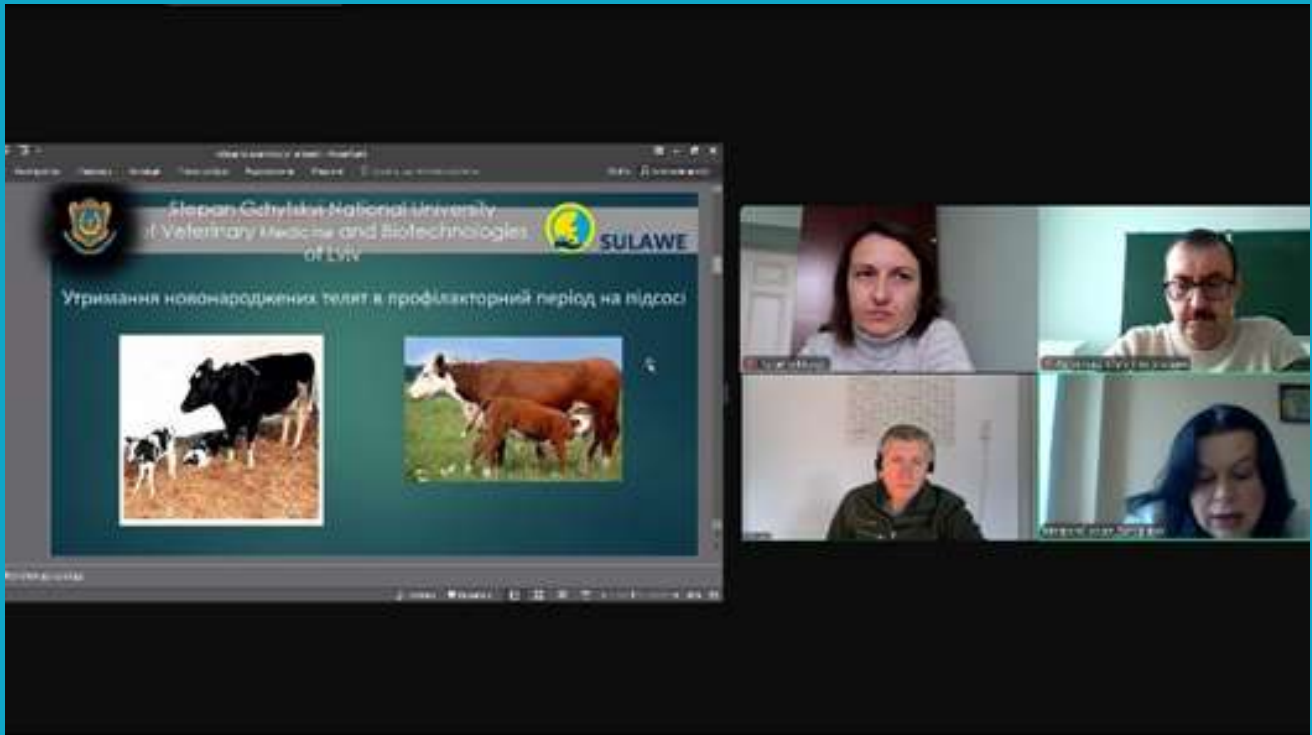
On 2-3 of October, the online conference "Joining forces to ensure the welfare of farm animals in Ukraine" was held. The event was aimed at raising awareness of the importance of harmonising national legislation on farm animal welfare in line with EU requirements and implementing animal welfare requirements during the keeping, slaughter and transport of farm animals. In total, the conference was attended by representatives of international projects such as SAFOSO, QFTP, EU4SaferFood, SULawe, as well as employees of professional unions and associations, the Ministry of Agrarian Policy and the State Service of Ukraine for Food Safety and Consumer Protection

The cycle of open lectures within the SULawe project has begun



On 25 October 2024, as part of the SULawe project, an open lecture was held by Mykhailo Matveiev, Senior Lecturer at the Department of Milk and Meat Production Technologies, on the subject of Digital Livestock Production: 'Precision technologies in animal husbandry' for 2nd year Master's degree students - "Technology of production and processing of livestock products". The lecture was attended by teachers of NUBiP, from partner universities from Ukraine and abroad.

We are strengthening cooperation between national universities within international projects



Within the framework of the international project SULAWE, an online seminar was held on 28.II.2024, organised by LNUVMB named after S.Z. Hzhyskyi together with the SMC HPHE on the topic 'Innovative technologies for rising young cattle – the key to a successful dairy business'. The event was aimed at familiarising participants with the following topics: optimal conditions for keeping calves, taking into account their welfare, effective feeding strategies; introduction to modern technologies for raising young cattle, preventive measures to avoid diseases, vaccination, treatment and care strategies for sick calves and introduction to the principles of sustainable development in dairy farming

Sharing our experience of organising sustainable livestock production



As part of the implementation of the international project SULawe, a webinar was held on 11.12.2024, organised by LNUVMB named after S.Z. Gzhytskyi together with the SMC HPHE on the topic 'Management of technological processes and automated accounting systems in sustainable dairy farming'. The purpose of the event was to familiarise the participants with a wide range of issues related to animal productivity accounting to ensure herd management and organisation of the breeding process. The webinar participants learnt about: legal regulation of animal performance accounting in Ukraine; modern automated dairy management systems; digital technologies for animal husbandry accounting and the use of accounting information to make informed management decisions aimed at improving the efficiency and profitability of the dairy business.

Assessment of the sustainability of Ukrainian farms. Presentation of the results of the RISE programme in Ukraine



As part of the SULAWE project, the Bern University of Applied Sciences (BFH-HAFL) organised training for university professors on the possibilities of using the RISE (Response-inducing sustainability evaluation) programme. The training lasted almost a year (from March to November 2024). The training participants learnt to apply the theoretical knowledge gained by assessing real-life livestock farms of different species and capacity. On 18 December 2024, the final meeting was held where the training participants presented the results of the assessment. The speakers provided a detailed description of the farms using the RISE method and suggested ways to improve the weaknesses in their operations.

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International online conference 'Politics - Business - Science - Education: Sustainable Poultry Production in Ukraine'



On 17 October 2024, as part of the SULAWE project, the International Online Conference 'Politics - Business - Science - Education: Sustainable Poultry Production in Ukraine' was held at Poltava State Agrarian University. The event was supported by the Poltava Regional Military Administration, Ukrainian Corporation for Industrial Meat Production Tvarynprom, SMC HPHE, NUBiP of Ukraine, LNUVMB and Volodymyr Dahl East Ukrainian National University. The event was attended by more than 109 people from 6 countries (Ukraine, Germany, Sweden, Slovenia, Denmark, Uganda, Bulgaria, and the United Kingdom). The conference programme consisted of 3 sessions: The main session, 'Legal framework and requirements for the poultry industry on the way to Ukraine's accession to the European Union' and 'Transformation of the Ukrainian poultry industry towards sustainable development and welfare', as well as a panel discussion with recognised international and Ukrainian experts who discussed specific issues that are important for farm specialists, managers of different levels and scientists. Overall, the conference was held at a high level in a businesslike and friendly atmosphere.