



# NEWSletter

## BUSHROSS – ROUND TABLES AND PARTNER HIGHLIGHTS

**BUSHROSSS INTERNATIONAL ROUND TABLES  
MEET OUR PARTNERS!  
SUMMARY OF IDENTIFIED SKILL GABS**

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# BUSHROSSS INTERNATIONAL ROUND TABLES



On 05.03.2025, The Education and Research Institute of Energetics, Automatics and Energy Saving of the National University of Life and Environmental Sciences of Ukraine hosted an event within the framework of the project BUSHROSSs. The round table was held in a mixed format and brought together more than 50 participants, including representatives of government agencies, scientists, experts and practitioners in the field of energy saving, construction, housing and communal services, applicants for higher education from Ukraine, as well as international participants.

The main purpose of the event was to discuss comprehensive solutions for the renovation of the housing stock, taking into account modern regulatory requirements, technical capabilities and state support tools. The participants shared their experience in implementing energy efficiency measures, discussed the role of international cooperation and attracting funding for the implementation of relevant initiatives.

On 16.06.2025, within the framework of the conference, the International Round Table of the project BUSHROSSs: "Building up skills for home renovation one-stop shops" was held.

The survey participants, including representatives of municipalities, design organizations, higher education institutions, as well as homeowners, unanimously emphasized the need to improve curricula aimed at developing practical skills in the field of housing repair and renovation within the framework of the concept OSS. The participants also made a number of constructive proposals, in particular regarding the revision of the regulatory framework in terms of the requirements for achieving the standard indicators of energy efficiency and comfort during the renovation of buildings damaged as a result of the war.



# THE NATIONAL UNIVERSITY OF LIFE AND ENVIRONMENTAL SCIENCES OF UKRAINE

The National University of Life and Environmental Sciences of Ukraine (NULES) is a leading educational and research institution with IV accreditation level. Its mission is to advance scientific knowledge, train specialists, and contribute to sustainable development through innovative agro- and biotechnologies, energy-saving agricultural practices, environmental management and resource protection.



## SOFIA ENERGY CENTRE



Sofia Energy Centre (SEC) is an independent consulting company supporting the energy transition in Bulgaria and Europe since 1997. It has taken part in more than 50 national and EU projects in the field of energy efficiency and renewable energy, with a strong focus on innovative one-stop-shop (OSS) solutions for building renovation. SEC cooperates with European institutions, international organisations and local authorities, helping them implement energy projects, policies and training activities to advance climate and energy goals.



September | 2025

# Meet our project team from Sofia Energy Centre

## IVANKA PANDELIEVA-DIMOVA



Ivanka Pandelieva-Dimova has more than 25 years of experience in energy efficiency and RES projects elaboration and execution, involving promotion and dissemination activities, being consequently Programme & Administration Coordinator and Project Manager at Sofia Energy Centre, performing operational coordination and management of different SEC projects and activities.

Pandelieva's professional experience record includes the overall project management and coordination of H2020 Rhodoshop Project involving the creation of one-stop-shop in the Rhodope region of Bulgaria; management of SEC activities under H2020 UP-STAIRS project where SEC is supporting the creation of a one-stop-shop for private residential building renovation, focusing on multifamily buildings and the creation of energy communities in the Municipality of Asenovgrad.

## EVELINA STOYKOVA

Evelina Stoykova is an architect with more than 20 years of experience as designer and expert in energy efficiency in buildings. She has also a long record of experience in energy efficiency and RES projects elaboration and execution, involving promotion and dissemination activities, being an expert of Sofia Energy Centre (1999-2003) and consequently project manager, performing operational coordination and administration of different projects and activities.

Stoykova was involved in numerous IEE, Horizon2020, INTERREG, ERASMUS+ and other EU financed projects in the energy field, and in particular LIFE+ Project LIFE22-CET-NS4nZEBs - New Skills for Nearly Zero Energy Buildings EU Energy Poverty Advisory Hub (EPAH), EIE ISEES "Improving the Social Dialogue for Energy Efficient Social Housing", INTERREG „Towards Zero Energy Hospitals in the Balkan Region”, and others.





# Meet our project team from National University of Life and Environmental Sciences of Ukraine

## VICTOR KAPLUN, PROJECT MANAGER, PROFESSOR, DOCTOR OF TECHNICAL SCIENCES



Victor Kaplun has more than 35 years of scientific and pedagogical experience. He teaches disciplines: «Assessment of electrical systems», «Mathematical and simulation modeling of electrical processes networks and systems». Victor Kaplun conducts Research in the field of Integrated energy efficiency management of buildings and engineering networks, development of software and hardware dynamic energy management; Intelligent control systems microenergy systems with polygeneration based on technology Smart Grid. He participated in the implementation of research works «Formation of technological structures of decentralized energy systems in the post-war reconstruction of the infrastructure of territorial communities in the context of combating climate change»

## SVITLANA MAKAREVYCH, SENIOR EXPERT, CANDIDATE OF TECHNICAL SCIENCES, ASSOCIATE

Professor. As expert in the field of autonomous power supply systems with compensated asynchronous machines; Smart Grid dynamic energy management systems. She participated in the implementation of research works «Formation of technological structures of decentralized energy systems in the post-war reconstruction of the infrastructure of territorial communities in the context of combating climate change», "Development of theory structural-parametric synthesis of autonomous systems power supply of rural consumers» and «Development of methods and technical means to increase the reliability and efficiency of rural power



## OLENA SHELIMANOVA, SENIOR EXPERT, CANDIDATE OF TECHNICAL SCIENCES, ASSOCIATE, PROFESSOR



As expert in the field of Improving energy efficiency and stimulating the use of renewable energy in small and medium enterprises, Olena Shelimanova has 28 years of scientific and pedagogical experience at the Department of Heat Power Engineering of NULES of Ukraine. She teaches disciplines: "Energy Saving and Alternative Energy Sources", "Power plant power equipment, "Energy saving in heat technologies". Olena Shelimanova has also 9 years of work as a senior technical specialist of the Institute of Local Development (consultant of the DTEK Energy Efficient Schools Project). She participated in the activities of the USAID Energy Efficient Campus Program (EES) of the District Heating Reform in Ukraine (Head of the NULES Technical Group).

## IEVGEN ANTIPOV, SENIOR EXPERT, CANDIDATE OF TECHNICAL SCIENCE, ASSOCIATE



Professor, the winner of the President of Ukraine grant for young scientists, author of more than 150 scientific works in the field of numerical modeling, and also experimental research of processes of transformation and accumulation of energy in systems of complex power supply of objects of housing and communal and industrial function, including - using of alternative and renewable energy sources. Certified energy auditor, practicing expert in energy efficiency and energy saving, in particular in the «Consulting of enterprises on energy efficiency» (GIZ) program, certified trainer of the «E-ETAR» project, member of the Public Committee at the State Agency for Energy Efficiency and Energy Saving of Ukraine (SAEE), a member of the SAEE appeal commission, a member of the advisory board of the Energy Efficiency Foundation. Completed an international internship within the framework of the project of the National Agency for Energy Conservation of the Republic of Poland and the Fund for Energy Conservation – «E-ETAP».

## VITALII SAVCHENKO, EXPERT, CANDIDATE OF TECHNICAL SCIENCE, ASSOCIATE PROFESSOR

As an expert in the research of magnetic fields and power quality on the efficiency of agrotechnologies – the influence of magnetic fields on biological objects and biogas plant substrates, as well as the effect of power quality on the operation of electric drives in agricultural machinery, aimed at improving productivity, energy efficiency, and environmental sustainability of production.



## MYKOLA NIKOLAIENKO, EXPERT, PHD, ASSOCIATE PROFESSOR



Participation in shaping and advancing the main directions for the development of the safety and quality assurance system for agro-industrial complex products, including research, strategic planning, and implementation of innovative solutions to improve standards and compliance.

Responsibilities: active participation in the preparation of grant applications and the implementation of national and international pro-energy and pro-climate projects. Providing support for the creation of publications and translations, as well as promoting the association's activities across social media platforms.

## Summary of identified skill gabs

Six round tables were organized with the main aim of presenting the project to local stakeholders and receiving their initial reactions and comments on the proposed training subjects and methodology. The events were held in blended formats (in-person and hybrid) and brought together a total of 162 participants from six countries. The discussions highlighted several important outcomes. Stakeholders widely recognized the need for comprehensive training of OSS staff, emphasizing a holistic approach that reviews home renovation as an integrated process with multifaceted citizen support. Specific topics to be covered by the trainings were also outlined, with priority given to advanced technical solutions, organisational and administrative issues, national legal and regulatory frameworks, as well as funding options and programs. The proposed training modes, such as digital training and a modular system, were validated as both appropriate and useful. Furthermore, stakeholders suggested additional topics to be included in the training programs, such as citizen energy communities, smart readiness indicators (SRIs), building energy management, renewable energy technologies like solar thermal, PV, and heat pumps, building trusted partnerships with local contractors and service providers (including contractors, ESCOs, and funding bodies), quality control and assurance systems, and effective communication and dissemination strategies on how to best engage citizens and promote OSS services.

