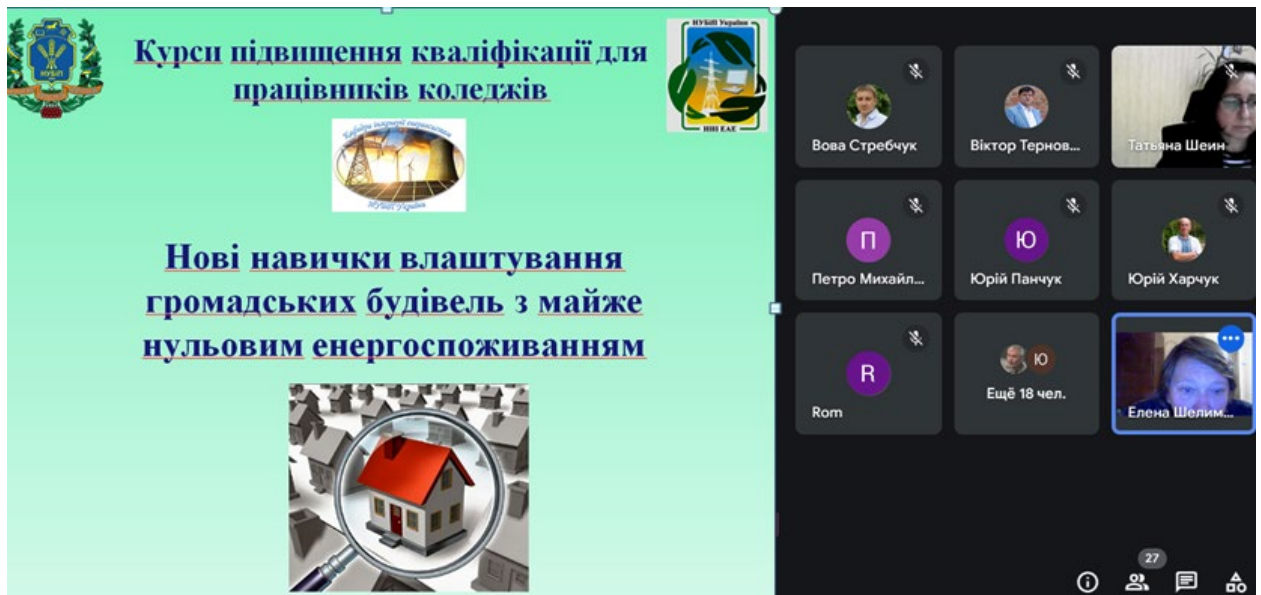


The issue of updating and improving the energy efficiency of residential buildings becomes especially relevant in the modern realities of Ukraine, when, under difficult conditions, it is necessary to maintain normalized microclimate parameters both in residential buildings and in the premises of educational institutions.

Within the framework of advanced training courses at the Institute of Energy, Automation and Energy Saving of the National University of Life and Environmental Sciences of Ukraine, college teachers improved their knowledge of energy efficiency in buildings.

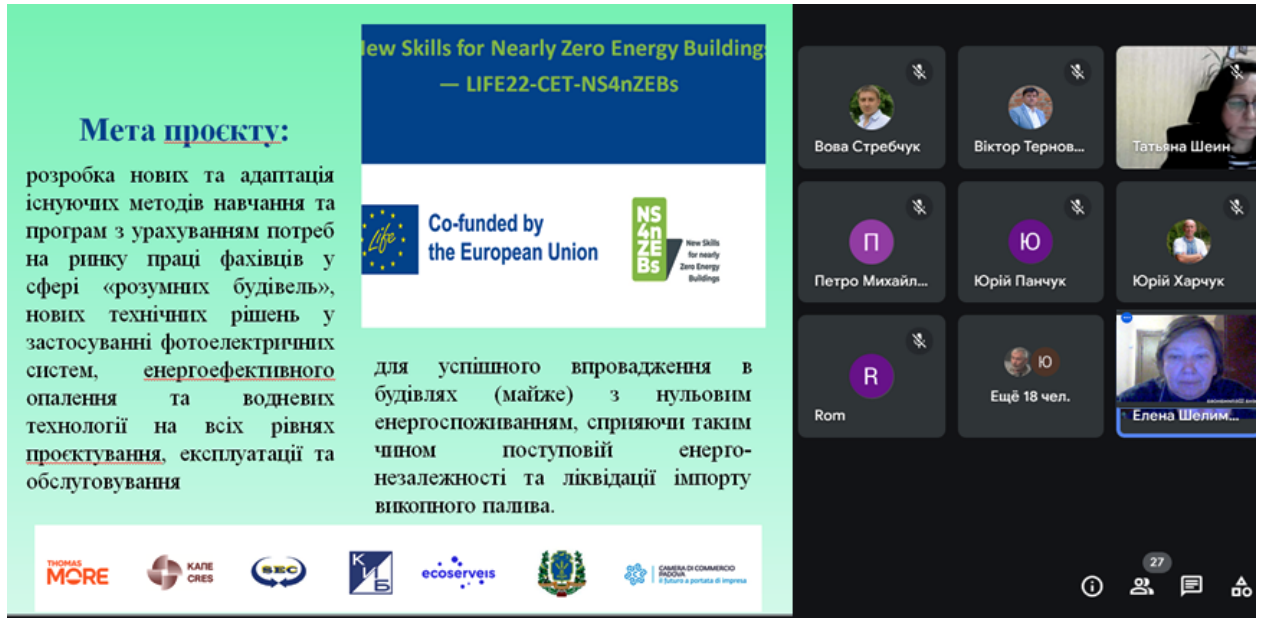


"New Skills in the Arrangement of Public Buildings with Almost Zero Energy Consumption" was conducted by *Olena Shelimanova*, Associate Professor of the Department of Power System Engineering.

In the report, accompanied by the presentation material, she presented the main provisions of the **Project. LIFE22-CET-NS4nZEBs - New Skills for Nearly Zero Energy Buildings**. The implementation of which was attended by the staff of the Institute.

The project aims to increase the number of qualified specialists in the field of energy systems based on renewable energy sources (RES) in buildings. The implementation of its tasks will allow national vocational education providers to

update methods and training programs in the field of energy supply of buildings, promoting the introduction of technologies with almost Zero Energy Consumption. After all, this will be an important step in reducing the country's dependence on fossil fuel imports and ensuring energy independence.



The image shows a Zoom meeting interface. On the left, a presentation slide is displayed. The slide has a blue header with the text "New Skills for Nearly Zero Energy Building — LIFE22-CET-NS4nZEBs". Below the header, there is a logo for the European Union and the text "Co-funded by the European Union". The slide also features the "NS4nZEBs" logo and the text "New Skills for nearly Zero Energy Buildings". The main content of the slide is in Ukrainian. The title is "Мета проєкту:" (Project Goal:). The text describes the development of new and adaptation of existing training methods and programs, taking into account the needs of the market of specialists in the field of "smart buildings", new technical solutions in the application of photovoltaic systems, energy-efficient heating and water technologies at all levels of design, operation and maintenance. The goal is to successfully introduce (almost) zero energy consumption buildings, promoting such a gradual energy independence and liquidation of fossil fuel imports. At the bottom of the slide, there are logos for THOMAS MORE, KAPE CRES, BSC, KMB, ecoserveis, and CAMERA DI COMMERCIO PUGLIA. On the right side of the Zoom window, there is a grid of participants. The participants are: Вова Стребчук, Віктор Тернов..., Татьяна Шейн, Петро Михайл..., Юрій Панчук, Юрій Харчук, and Елена Шелим... There is also a "Rom" participant and a group of "Ещё 18 чел." (18 more people). The Zoom interface shows 27 participants in total.

The participants of the courses also received practical recommendations on the implementation of energy efficiency principles in educational institutions and public buildings, as well as learned about modern trends in the field of energy audit and management.

Along the way, *Olena Shelimanova* invited college teachers to take part in the national training, which will be held next fall within the framework of the Project. This event will be a unique platform for exchanging experience and getting acquainted with new approaches to creating energy-efficient buildings.