

AtomPro project: SPbPU international students learned about Rosatom's advanced technologies

Experts from Rusatom International Network and Polytechnic University held an expert meeting within the framework of the AtomPro project for international students of the Institute of Energy on advanced technologies of water treatment, water purification and desalination.



The meeting was attended by students from Afghanistan, Turkey, Egypt, Algeria, China, Nigeria, Cameroon, Kenya, Iraq, Madagascar, Zambia, Ghana, Pakistan, Sudan, Paraguay, Cambodia, and Rwanda. The AtomPro project is aimed at popularizing knowledge about Russian nuclear technologies through a series of expert lectures by representatives of Rosatom State Corporation's businesses with foreign students of core universities.



The meeting covered the key areas of Rosatom's activities in the field of water treatment, desalination and environmental safety.

Anna Belyakova, Senior Manager of the Product Development Department of Rusatom International Network, touched upon several areas of the corporation's work in this area. Modern desalination systems can be integrated with nuclear power plants. This allows to efficiently use their heat and electricity to produce fresh water, making the process more economical. Autonomous desalination plants were also presented, which are especially important for remote regions where access to water is limited.



Representatives of the private institution RIN shared their experience in implementing water treatment technologies at international facilities, emphasizing the importance of water reuse in industry to reduce water consumption. These solutions not only save resources, but also help minimize environmental impact, reducing environmental risks.



Special attention was paid to hybrid desalination technologies that combine evaporation and membrane filtration methods, which increases the reliability and efficiency of the process. At the end of the meeting, an interactive business game was organized for international students. The best team received commemorative prizes.



The expert meeting was part of the developing cooperation between the university and Rosatom aimed at popularizing Russian scientific and engineering thought among international students. Such an alliance in the international arena helps not only to attract students, but also creates a comfortable environment for development and adaptation both in education and in professional careers.

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