

Newsletter 1 / November 2020 - January 2021

Erasmus+ Capacity Building of Higher Education
**Synergy of educational, scientific, management and industrial components
for climate management and climate change prevention/ CLIMAN**
619119-EPP-1-2020-1-NL-EPPKA2-CBHE-JP

NEWSLETTER 1

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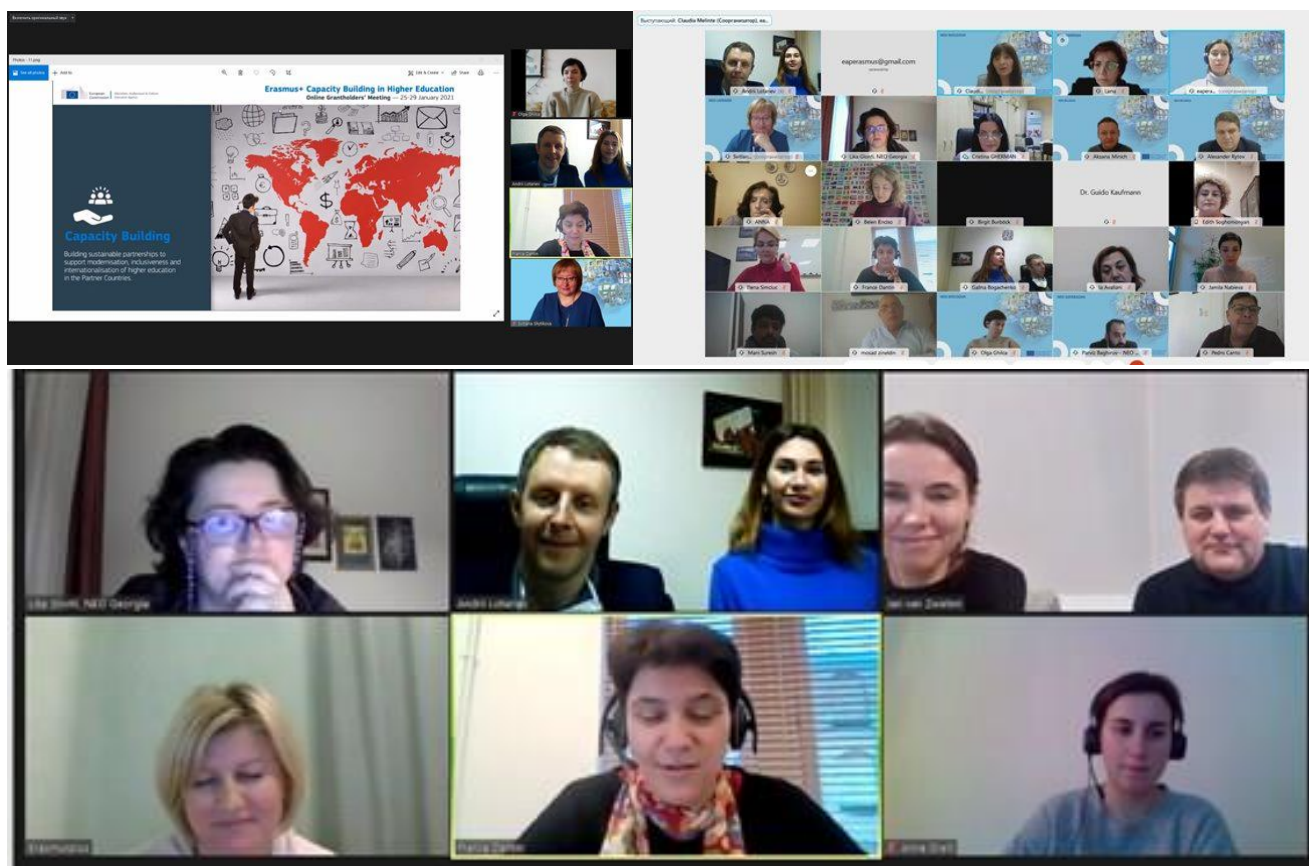


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NLBA and KROK participated in the Grantholders meeting of the European Union Erasmus + Program



On January 25-29, 2021, series of presentations and workshops on the rules of implementation of CBHE projects, meetings of the project teams with Project Officers of the Education, Audiovisual and Culture EC Executive Agency (EACEA), with participation of representatives of the EU Directorate Generals, the EU Delegations in the partner countries, the Erasmus + National Offices and the National Erasmus + Agencies took place.

Issues of the current state and future perspectives for capacity building in higher education, the role and responsibilities of higher education institutions, the implementation, monitoring and financial management of CBHE projects, as well as project management during the COVID-19 pandemic were discussed on the first day of the event. On the second day, 7 regional workshops, as well as a plenary session on studying of the impact of CBHE projects, monitoring and assessment of the impact of EU development policy was discussed. During 3-5 days, e-Booths were presented. 12 parallel sections of networking and exchange of best practices took place.

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Meeting of the winning team of the 2020 project CLIMAN with EACEA Project Officers was carried out. Jan van Zwieten, rector of NLBA, Yvette Livius, Manager of NLBA, Andrii Lotariiev, Head of International Office at KROK, Halyna Bohachenko, Project Manager of KROK participated at the meeting with the Officer, discussed project issues.

The participants received recommendations, obtained information and practical skills on new rules and features of Erasmus + KA2: Capacity Building in Higher Education (CBHE) projects, as well as established new links with representatives of offices and agencies in order to further maintain a successful level of implementation of EU Erasmus + programs.

Presentation of CLIMAN at Online Training Seminar “Fundraising. Writing Projects. Successful Cases”

On October 6-7, 2020, an online training seminar «FUNDRAISING. WRITING PROJECTS. SUCCESSFUL CASES» took place.

Andrii Lotariiev, Head of International Office of «KROK» University presented the project “Synergy of educational, scientific, management and industrial components for climate management and climate change prevention/ CLIMAN”.



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The event was organized by the National Erasmus + Office in Ukraine, Sumy National Agrarian University and National Contact Point Horizon 2020. The educational opportunities of the EU programs Erasmus +, Horizon Europe, Green Deal and other opportunities for fundraising in the field of education were presented there.

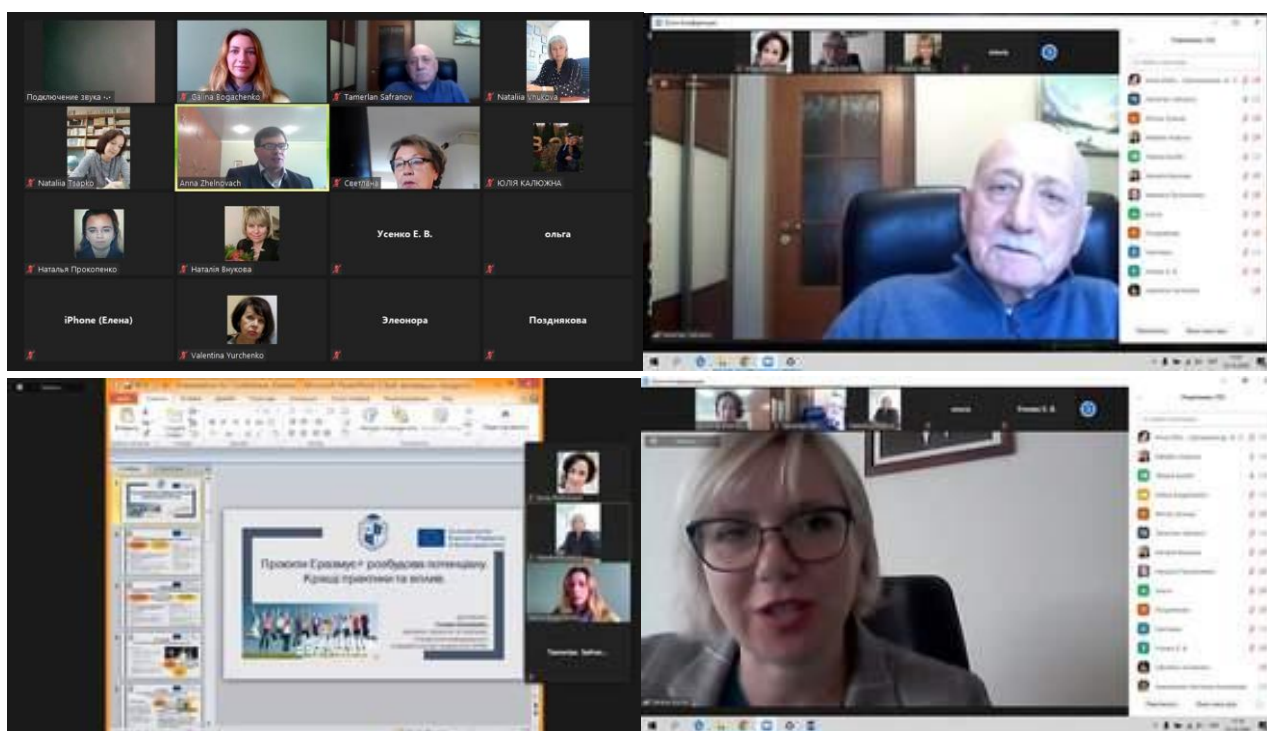
Discussion of INTERADIS during Erasmus Days



On 16 October 2020 the Online Conference “From EANET to INTERADIS. Best Practices. Impact.”, dedicated to #ErasmusDays, was organized by KROK University.

At the meeting the partners of EANET, MEDIATS, INTERADIS, CLIMAN and COOPERA discussed the influence of Erasmus+ projects on their life and career. "Tempus project EANET was the best that happened to me during the last 10 years, besides family issues", "Once Erasmus - always Erasmus", "Friendship and Sustainability are the most important issues of the projects", "Thanks to EANET experience we received 4 more projects", "FRIENDSHIP -ДРУЖБА - FREUNDSCHAFT"- these were the key sayings.

Presentation of CLIMAN at V All-Ukrainian scientific-methodical conference «Modern aspects of organizational and methodological support of the environmental component of professional training»



On October 22, 2020, the V All-Ukrainian scientific-methodical conference «Modern aspects of organizational and methodological support of the environmental component of professional training» was held online on Zoom platform, dedicated to the 90th anniversary of Kharkiv National Automobile and Highway University.

In general, the conference was attended by representatives of higher education institutions of Ukraine and the Republic of Belarus. Topics and reports presented at the conference focused on the peculiarities of the educational process in higher educational institutions in the conditions of the spread of COVID-19, the specifics of teaching and content of individual disciplines, as well as the impact of international cooperation and international projects to improve training of specialists in higher education institutions.

The following reports were also presented at the plenary session of the conference:

✓ **Nataliia Vnukova, Head of the Department of Ecology of Kharkiv National Automobile and Highway University, Professor, presented CLIMAN project** and also made a report on the topic of the

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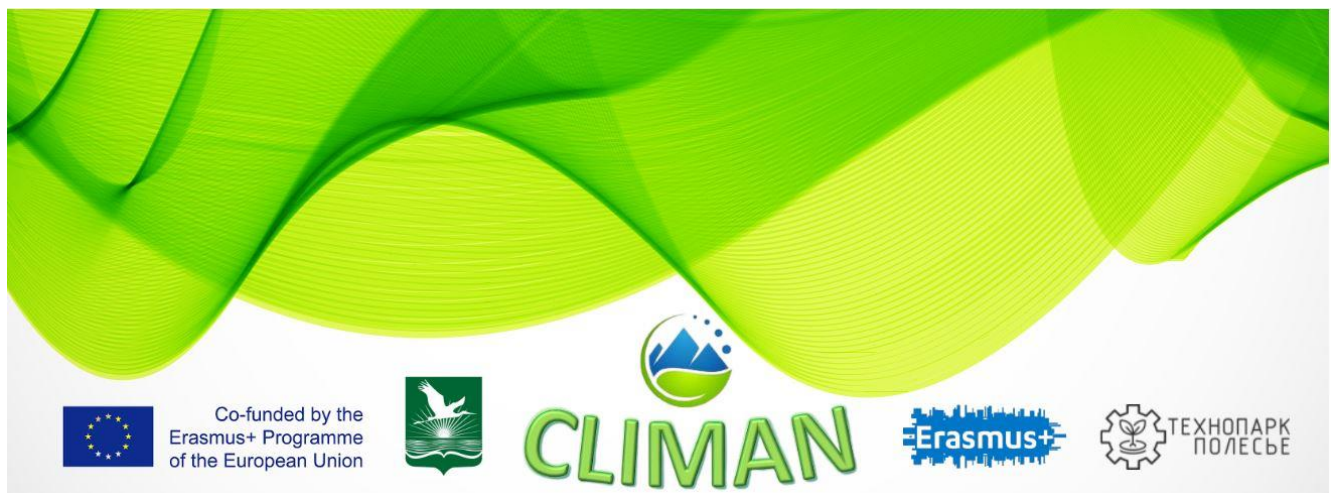
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report – «Educational and Methodological Principles in the Structure of Modern National Environmental Education».

✓ **Halyna Bohachenko, Project Manager of International Office at «KROK» University, made a report on «Erasmus + Projects. Capacity building of higher education. Best practices and influence» and presented the projects of «KROK» University** EANET, MEDIATS, CLIMAN, INTERADIS, COOPERA, the way of their preparation and implementation.

✓ **Tatiana Buchyk, Dean of the Faculty of Economics and Finance of Palesie State University (Republic of Belarus), Associate Professor, the topic of the report – «Organization of the Educational Process at Palesie State University Under Special Epidemiological Conditions»;**

✓ **Nataliia Tsapko, Senior Researcher of the Laboratory of Wastewater and Industrial Water, Head of the Department of International Relations and Scientific and Technical Information of the Research Institution «Ukrainian Research Institute of Environmental Problems», Associate Professor, topic of the report – «Features of Accreditation of Educational and Scientific Programs for Applicants Third Level of Higher Education of Research Institutions and Institutions of Higher Education».**



Environmental safety and climate management at Polessky State University

Scientific and educational direction "Environmental safety and climate management" is actively developing at Polessky State University and in related structures. Thus, with the participation of PolesSU, the subject of innovation infrastructure, the scientific and technological park LLC Technopark Polessye (Technopark), was created. In 2018, Technopark, together with other organizations, on the

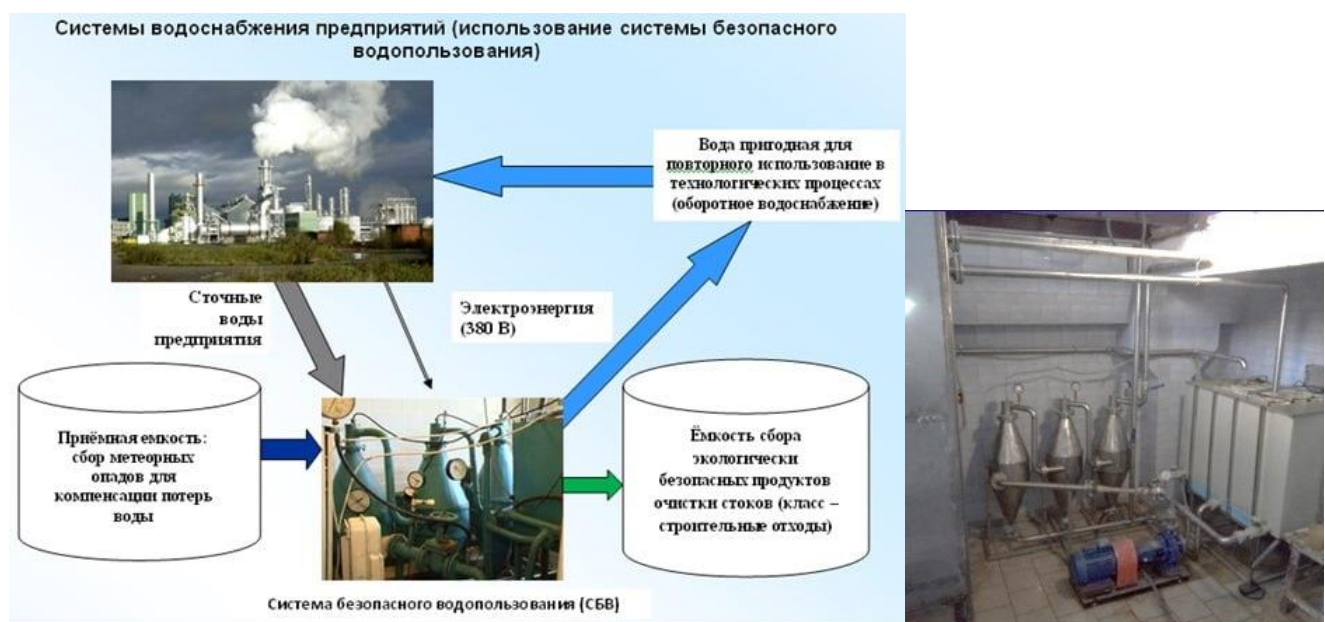
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basis of an agreement on joint activities, established an innovative and industrial cluster in the field of biotechnology and green economy. At the moment, in addition to Technopark Polesye LLC, the cluster also includes other organizations, including manufacturing, processing and scientific enterprises, farms, as well as 3 joint ventures. One of the sectors of the Climate Management and Environmental Sustainability cluster implements the main environmental sustainable development goals (SDGs).

Together with the Zaporozhye National University (Ukraine), an international scientific laboratory "Engineering Ecology" was created with a key area of activity - the development of water purification and air disinfection systems (including counteracting the spread of epidemics).

The branch laboratory "Innovative technologies in the agro-industrial complex" (state customer - the Ministry of Agriculture and Food of the Republic of Belarus) operates on the basis of biotechnology and engineering faculties with a practice-oriented sector for creating technological systems for recycling natural resources.



At the Faculty of Engineering, an educational and scientific laboratory "Engineering Center" (practical support of projects of students and teachers, including a university startup event "Pinsk Invest Weekend") and a research laboratory "Ecoengineering and Information Technologies" were created. Work is underway with UNDP Belarus to open an information technology platform on the basis of PolesSU and Technopark for the purpose of developing business and social infrastructure in the territories affected by the Chernobyl accident, including the Pripjat Polesye region. The platform should integrate the engineering center for the development and / or adaptation of technologies when building a business in the territories affected by the Chernobyl nuclear power plant, including with the creation of environmental safety management systems for municipal and industrial facilities.

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At the same time, Polesky State University became a participant in the international project on climate management "Synergy of educational, scientific, administrative and industrial components for climate management and climate change mitigation", which won in the call for Proposals of the European Union's Erasmus + Programme. The project involves 12 universities from Italy, Germany, Ukraine, Georgia, Lithuania, Latvia, Belarus. The overall goal of the project is to help the universities of Georgia, the Republic of Belarus and Ukraine become centers for the development of research in the field of climate management to accelerate integration into the global climate market. Within the framework of the project, PolesSU will take measures to improve the quality of education by updating student training programs, including the development of interdisciplinary training modules. Separately, it is necessary to note the formation on the basis of PolesSU and Technopark of a climate control center for the prevention, adaptation and mitigation of the consequences of climate change.

Summarizing, we can state that PolesSU conducts research in the following areas:

- eco-energy efficient systems for recycling natural resources in production processes and climate management;
- design, construction, installation, adjustment and operation of water treatment equipment, including wastewater treatment;
- software information and analytical products to support rational environmental management;
- production of systems for disinfection of aqueous solutions and air to counteract the spread of epidemics.

Using the organizational capabilities of the Science and Technology Park LLC Technopark Polesye, over the past 3 years, about 15 contracts have been executed to ensure the rational use of natural resources by municipal and industrial facilities (meat processing plants, dairies, fish processing, utilities). The introduction of the scientific results of the scientists of PolesSU made it possible to significantly improve the environmental safety of business entities and positively influence the consequences of climate change.

Working visit to the factory cleaning equipment group of companies unitary enterprise "polymerconstruction»

18 December 2020 in the framework of the development profile "environmental and climate management" innovative industrial cluster in the field of biotechnology and the green economy, the Dean of the faculty of engineering of Polesky state University Shtepa V.N. visited the factory cleaning equipment UE Polymerconstruction in Vitebsk.

The main activities of the group of companies, founded in 2001, are the development, production and implementation of modern technologies and equipment at water supply and wastewater disposal facilities in cities, small settlements and industrial enterprises. The group of companies UE "Polymerkonstruktsiya" includes: UE "Polymerkonstruktsiya" - a plant of water treatment equipment;

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LLC "ZapadVodStroy" (design, contract construction works, installation and commissioning, service, drilling); LLC "Ekovodstroy" (general representative office on the territory of the Russian Federation). As a result of the meetings with the management of the enterprise and technological specialists, familiarization with the production and design capacities, a number of directions were developed for potential interaction in the segments of adaptation and detailing of the know-how elements created in the international scientific laboratory "Engineering Ecology" and ESL "Engineering Center" PolesSU.



At the same time, the capabilities of the subject of the innovation infrastructure of the scientific and technological park LLC Technopark Polesye will be used with active cooperation with students of engineering and other faculties of the university.



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ABOUT THE PROJECT

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Project duration: 15.11.2020-14.11.2023

Project Coordinator: Netherlands Business Academy, the Netherlands.

Project Co-Coordinator: KROK University.

Partners:

- Foggia University, Italy;
- University of Applied Sciences, Germany;
- Mykolas Romeris University, Lithuania;
- Turība University, Latvia;
- Kharkiv National Automobile and Highway University, Ukraine;
- Lviv Polytechnic National University, Ukraine;
- Akaki Tsereteli State University Kutaisi, Georgia;
- Batumi Shota Rustaveli State University, Georgia;
- Polessky State University, Belarus;
- Yanka Kupala State University of Grodno, Belarus;
- Hultgren Nachhaltigkeitsberatung UG, Germany.

Project goals and objectives:

The aim of the project is to help the universities of Georgia, the Republic of Belarus and Ukraine to become centers for the development of research of climate management to accelerate integration into the global climate market and to meet global climate regulation requirements by acquiring best European practices in the field of climate change prevention, adaptation and mitigation.

The specific objectives of the project are as follows:

1. Update the existing master degree programs by developing an interdisciplinary training module "Climate Management".
2. Establish consulting Climate Management Centers at partner universities and ensure their sustainable development.
3. Facilitate the development and strengthening of institutional capacity of partner universities aiming to develop recommendations for the industrial, transport, energy, tourism sectors and local authorities in the sphere of climate change prevention, adaptation and mitigation.

Expected results:

- Updated Master Degree Program by means of development and implementation of Training Module "Climate Management".
- Trained staff.
- Consulting Centers of Climate Management are established at partner universities.
- Developed "roadmap" of cooperation between the industrial, transport, agricultural and tourism sectors and local authorities on the implementation of climate management policy.
- Qualified climate managers.

The Project is co-funded by the Erasmus+ Program of the European Union.

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