

## Newsletter 9 / July – September 2024

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 9 July – September 2024**

In this issue you will find news and updates of all partners:

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### **Sustainability Training at Università di Foggia, Italy**



On 1-7 September 2024 Sustainability Training in frameworks of the project Synergy of educational, scientific, management and industrial components for climate management and climate change prevention/ [#CLIMAN](#) took place at Università di Foggia, Italy.

Partners had an incredible week filled with insightful sessions, engaging workshops, and productive discussions.

We kicked off with consultations for universities, followed by a warm welcome from host Giulio Esposito and project coordinator Jan van Zwieten. Sustainability trainer Oliver Schmidt set the stage for the week's program. The day concluded with an interactive Q&A session.

The next day focused on the sustainability goals as strategic tools, presented by Oliver Schmidt. We then delved into developing and implementing joint sustainability strategies. Prof. Dr.-Ing. Mirko Barz led a session on "Sustainable Bioenergy." The afternoon featured self-study and group work, supported by our EU experts, alongside consultations for universities. We wrapped up with a Q&A session.

On another day, Ieva Bruskle shared valuable insights on creating sustainable and climate-focused business solutions. Oliver Schmidt continued with a discussion on sustainable education and funding structures. We also had a workshop on building networks and leveraging synergies. The day included more self-study and group work, with additional consultations and a Q&A session.



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Presentations from Georgian and Ukrainian universities on sustainability concepts were followed by feedback from our EU experts. Prof. Laß-Seyoum discussed the prospects and challenges of hydrogen as a sector coupling element. The afternoon was dedicated to self-study and group work, with continued consultations and a Q&A session.

The final day featured cultural and networking activities in the morning, providing a great opportunity to connect and reflect. The afternoon was focused on finalizing strategies with expert support and concluded with final remarks and the closing of the training.

### **Student mobility at HTW Berlin (Berlin, Germany)**



On July 8, 2024, the two-week mobility for students of the Erasmus+ KA2 project "Synergy of educational, scientific, managerial and industrial components for climate management and climate change prevention"/CLIMAN at HTW Berlin, Berlin University of Applied Sciences, Germany, began.

On the first day, there was an introductory meeting for students, which was joined by members of the project organizing committee, who are holding management meetings in parallel. Professor Mirko Barz introduced the participants, and Vice President for

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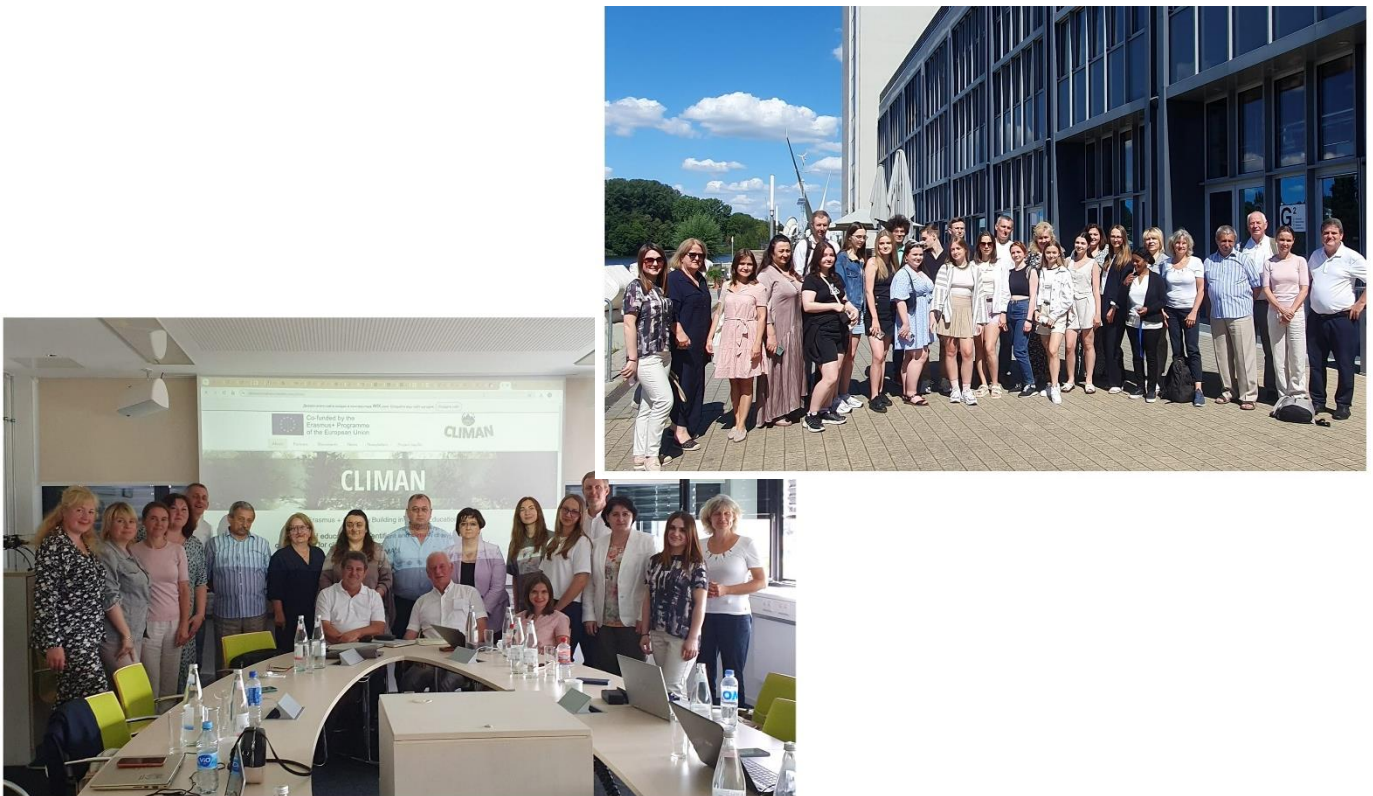
Research Stephanie Molthagen-Schnering gave a presentation about HTW University Berlin.

During the first week, students study hydrogen and its role in renewable energy and experiment with hydrogen technologies in a hands-on way.

Many thanks to HTW-Berlin, to Prof.Mirko Barz for the perfect organization of the mobility!

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### **Project Steering Committee Meeting at HTW Berlin (Berlin, Germany)**



On 8-9 July 2024 Project Steering Committee Meeting in frameworks of the project Synergy of educational, scientific, management and industrial components for climate management and climate change prevention/ [#CLIMAN](#) took place at HTW Berlin - Hochschule für Technik und Wirtschaft Berlin, Germany. After the Welcome words by HTW Administration, Prof.Dr.Stefanie Molthagen-Schnöring, Vice President Reserach, Prof.Barz and Prof.Lass-Seyoum greeted the participants, introduced the course program for the students. Tour to visit the HTW Campus and the Laboratories for Renewable Energy Technologies was organized. Noteworthy to mention, that these activities were organized for both university staff and for students, who came for 2 week mobility program. After the welcome part, the series of management workshops was organized for steering committee of CLIMAN. Upcoming visits, documentation and reporting was discussed. The partners presented the achieved results and enjoyed networking.

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Many thanks to HTW-Berlin, to Prof. Mirko Barz for the perfect organization of the event!

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#### **Invitation to participate in the Ukraine Nature Network's online meeting, held on 11th of September 2024**



Dear colleague,

We are pleased to invite you to the first online meeting of the Ukrainian Nature Network, which will take place on 11 September 2024.

The Research and Transfer Centre “Sustainable Development and Climate Change Management” at the Hamburg University of Applied Sciences is launching the project “Ukraine Nature Network: Platform to document and disseminate information on environment and nature conservation initiatives in Ukraine in the context of the war.” This is supported by the German Federal Environmental Foundation (Deutsche Bundesstiftung Umwelt).

Apart from its role as an information hub, Ukraine Nature Network will also facilitate collaboration among environmental NGOs, government agencies, academic institutions, and the private sector. By sharing resources and information, these entities can maximise their impact on conservation and restoration efforts.

The key themes and focus of the project are:

- Matters related to soil (including agriculture);
- Forests and forests conservation;
- Waste management;

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- Energy production/saving

Organizations that are working within the listed topics are welcome to join the Ukraine Nature Network and attend the first online meeting. Participation in the network is free of charge. It offers the members the following advantages:

- Access to information on current projects and initiatives in Ukraine in the field of environment, especially water, soil, forests, and waste management to be used by universities, NGOs, foundations, the private sector etc.
- Access to information on project calls, support to events and other funding opportunities
- Possibilities to get in touch with organizations in many countries interested in working in Ukraine on environmental issues

Colleagues interested in attending the online meeting, to be held on 11th of September 2024 online (10 am -11 am CET) please register via the QR-code.

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*News from partners*

### **KROK University**

#### **Students mobility to MRU (Lithuania)**



On September 2 - 6, 2024, "KROK" University students commenced their educational visit to Lithuania as part of the Erasmus+ KA2 project "Synergy of Educational, Scientific, Managerial, and Industrial Components for Climate Management and Climate Change Prevention" / CLIMAN at Mykolas Romeris University. The first week of the program was rich and informative, focusing on climate change and the role of stakeholders in mitigation strategies.

The educational program included lectures, seminars, and field research conducted by leading professors and scientists from various countries. The first

day began with registration and an official introduction, followed by the inaugural lecture

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by Professor Paulo Pereira on "Climate Change: A Global Issue." This lecture served as the foundation for subsequent discussions and practical sessions.

Particular emphasis was placed on seminars addressing climate change in coastal and urban areas, including issues related to adaptation and mitigation of climate change impacts.

The first week of training in Lithuania proved to be not only an intellectually enriching experience but also an excellent start for future collaboration and research in the field of sustainable development and climate management.

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### **Dissemination of information about #CLIMAN project at 12th International Week at Mykolas Romeris University (Lithuania)**



On 17-21 June 2024, Halyna Bohachenko, Director of International Projects Office of KROK University and member of Coordinator Team of CLIMAN, participated at 12th International Week at Mykolas Romeris University within Erasmus+ KA 171 project and disseminated information about [#CLIMAN](#) project.

This year, 27 foreign partner institutions from 19 countries (Spain, Poland, Germany, Latvia, Czech Republic, France, Croatia, Portugal, Slovakia, Greece, Bulgaria, Nigeria, Taiwan, Malaysia, Kenya, Ukraine, Australia, Vietnam and Lebanon) have come to MRU. The participants gathered in Vilnius not only to learn the experience of MRU in international mobility, partnerships, research, innovation and staff services, but also to share with each other the experience of organising and managing the change in the last years, to discuss good examples and opportunities for cooperation and the key priorities of the Erasmus+ programme.

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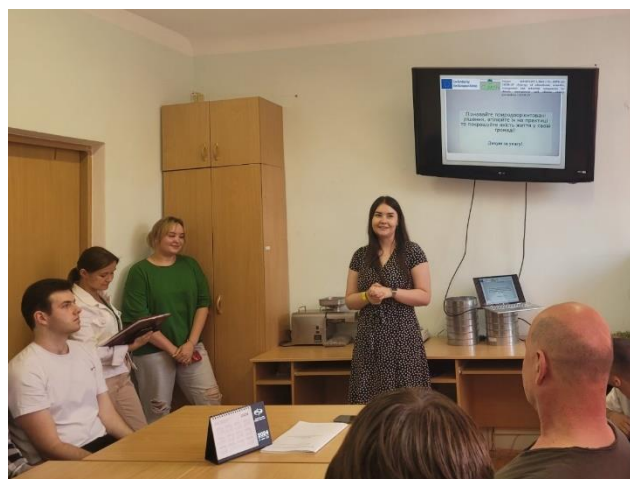
During the week Halyna Bohachenko also met Kristina Skrebūnė, Senior manager at the Projects Office of MRU, project manager of CLIMAN. Together they discussed current state of the project implementation, upcoming events as well as future cooperation opportunities.

Many thanks to Mykolas Romeris University for the excellent organization and highly productive week!

*News from partners*

### **West Ukrainian National University**

#### **Lecture «Nature-based solutions - a model of natural ecosystems» in WUNU within the project CLIMAN**



On the basis of the Educational and Research Institute of Innovation, Nature Management and Infrastructure WUNU, the Climate Management Centre hosted a lecture on Nature-based solutions - a model of natural ecosystems, delivered by PhD, Associate Professor Uliana Tkach. The event brought together students of the institute, scientists, stakeholders and everyone interested in sustainable development and environmental protection within the framework of the Erasmus+ project «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).

Director of the Educational and Research Institute of Innovation, Nature Management and Infrastructure Vasyl Brych, Head of the International Relations Department Yuliia Voytyshyn, and CLIMAN Project Coordinator at WUNU Olena Borysiak also made welcoming remarks.

The lecturer spoke about innovative approaches to natural resource management that help reduce the negative impact of humans on ecosystems and promote their restoration. Specific examples from around the world were discussed, demonstrating the

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successful implementation of nature-based solutions in urban and agricultural areas, water resources and other areas. The lecture provoked a lively discussion among the audience and inspired new environmental initiatives.

As a result of the lecture on Nature-based solutions - a model of natural ecosystems, the participants discussed the results obtained, which included: gaining new knowledge about nature-based solutions and their importance for ecosystem conservation and sustainable development; motivating students to implement environmental initiatives in their communities and organisations; sharing ideas and experiences on successful environmental projects that will improve practices in their professional activities; obtaining practical recommendations and examples of implementing nature-based solutions.

These results will help to promote environmentally responsible practices and support sustainable development in various areas of society.

### **Ecological campaign for the Day of Environmental Protection in Ternopil**



The Sugar Industry and Water Treatment Plant of SATER Joint-Stock Company with the assistance of the Ternopil City Council contributed to the improvement of the ecosystem of the Ternopil Pond, namely, almost 200 kg of chlorella paste. This method of water purification is one of the most effective. Chlorella contains nutrients that help cleanse the pond. The introduction of chlorella paste into the pond will have a positive effect on the ecosystem: improving water quality; reducing algae blooms; aeration and increasing oxygen content; biological filtration; and increasing biodiversity. The

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introduction of chlorella can help increase the diversity of plankton in a pond, which has a positive effect on the food chain and the overall sustainability of the ecosystem.

«SCUKORPROMVODONALADKA» is a partner of the Climate Management Centre of the West Ukrainian National University, established within the framework of the project 619119-EPP-1-2020-1-NL-EPPKA2-CBHE-JP «Synergy of educational, scientific, management and industrial components for climate management and climate change prevention» / CLIMAN (Erasmus+ Programme, Neighbourhood, Development and International Cooperation Instrument, Objective CA2: Capacity building in higher education).

The aim of the project is to help universities in Georgia and Ukraine become centres for the development of climate management research to accelerate integration into the global climate market and implement global climate regulation requirements by implementing best European practices in climate change mitigation, adaptation and mitigation.

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*News from partners*

### HTW Berlin

#### **International student training on the topic of “Sustainable Energy”**

18 students from CLIMAN partner universities in Georgia and Ukraine visited the HTW Berlin from July 7th to July 21st, 2024 to take part in the international student training on the topic of “Sustainable Energy” as part of the Erasmus+ CBHE Project “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)



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Parallel to the student training, the project steering committee meeting (PSCM) was held at the HTW Berlin including the partner from the EU HEI's and the Georgian and Ukrainian Partner Universities.



During the PSCM information on project updates and news, presentation of final reports of the project partner KhNAHU, KROK, WUNU, LPNU, ATSU and BSU as well as analysis and discussion of the final report by WP owners and the coordinator team was provided.

During the student training, the thematic focus was on the production and use of green hydrogen, the implementation of the Sustainable Development Goals (SDGs) at the local level and the sustainable use of bioenergy.





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The training program included theoretical courses to introduce the subject areas, practical laboratory exercises to deepen the knowledge imparted and specialist excursions to companies and research institutions in the Berlin area.



Group exercises by the students in workshop format showed the possibilities of implementing sustainable energy supply solutions in their countries of origin and were discussed together and solutions for implementation were developed.



Lectures on the topic of hydrogen were given by Prof. Asnakech Laß-Seyoum, on the topic of SDG by Prof. Florian Koch and on the topic of bioenergy by Prof. Mirko



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Barz. In addition, German students and research assistants from the HTW Berlin were integrated into the training program.



The conclusion and highlight of the training program was an excursion visit the Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB) in Potsdam Bornim, where the participant certificates were also handed out.

The success of the summer school program is reflected in the results of the course evaluations carried out by the students. Both the courses and the lecturers were rated as excellent by the students without exception.