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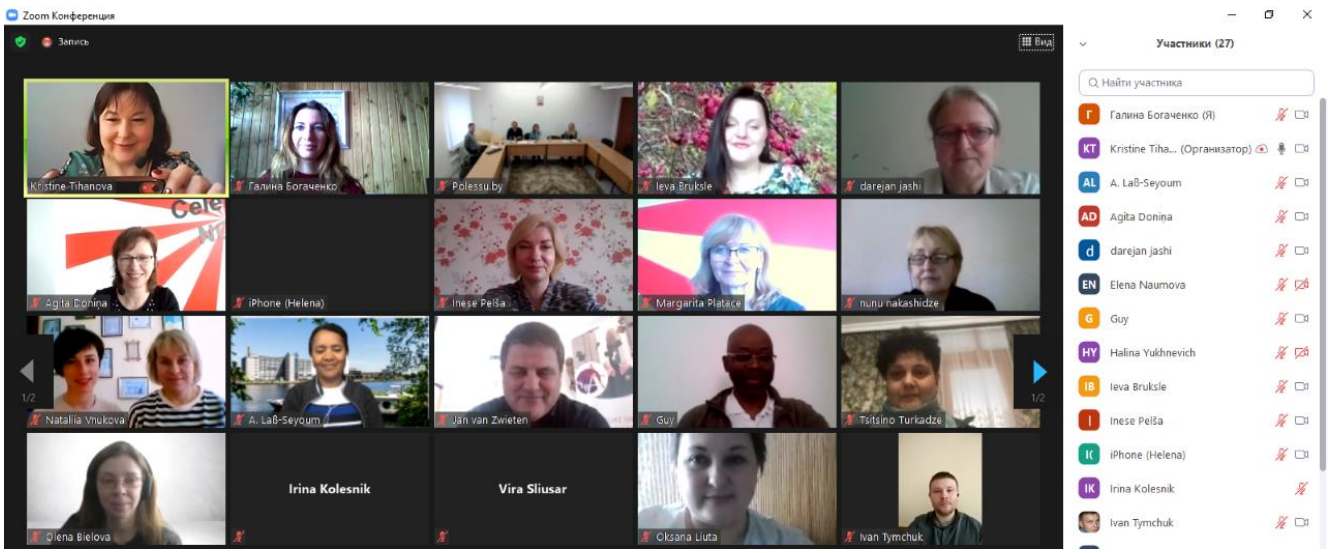
Erasmus+ Capacity Building of Higher Education

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 2

February 2021 - April 2021



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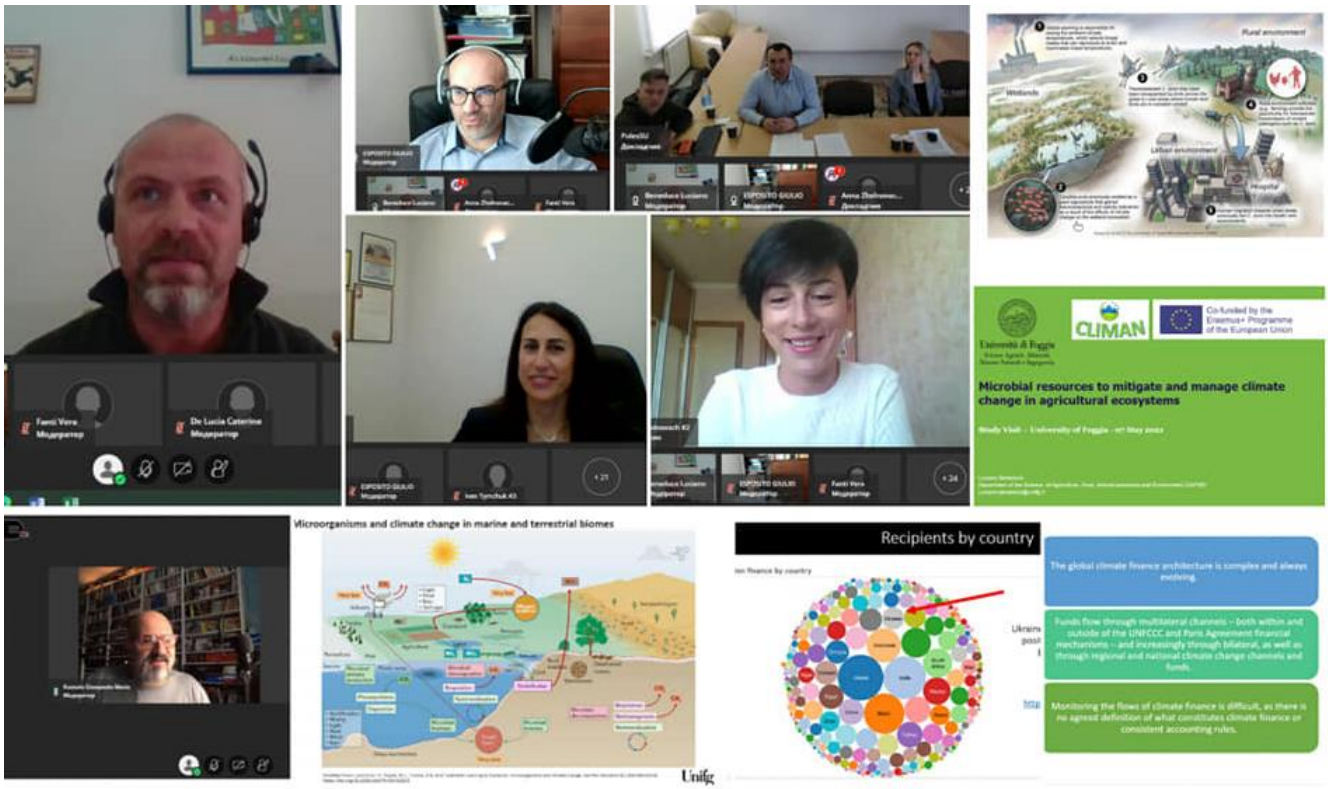
Online Part of Study Visit, organized by University of Foggia



7 May 2021 the Online Part of Study Visit organized by University of Foggia, Italy, took place in the frameworks of CLIMAN project.

The program included the following topics:

- ✓ prof. Gianpaolo M. Ruotolo, Topic : "Production methods and climate harm in international law: a world trading system perspective"
- ✓ prof. Caterina De Lucia, Topic: "The hydrogen economy to mitigate climate change"
- ✓ Prof. Vera Fanti, Topic: "The precautionary principle in the activity of the public administration: the risk management about climate change"
- ✓ Prof. Luciano Beneduce, Topic: "microbial resources to mitigate and manage climate change in agricultural ecosystems"
- ✓ Prof. Edgardo Sica, Topic: "Green finance and climate change mitigation"

A lot of thanks to the organizers of event University of Foggia and to all participants!!!

Online Part of Study Visit, organized by Mykolas Romeris University

27 April 2021 the Online Part of Study Visit organized by Mykolas Romeris University, Lithuania, took place in the frameworks of CLIMAN project.

The study visit's objective is to transfer the scientific knowledge developed at Environmental Management Laboratory related to Climate Change. The invited speakers presented their work related to climate change and synergistically covering a variety of other environmental relevant topics: nature-based solutions, ecosystem services, sustainable development goals and land-use changes.

The broad scientific coverage allowed the participants to better understand the effects of climate change, impacts and mitigation measures at different spatial scales covering different realms (terrestrial and marine).

The program included the following presentations and workshops:

- ✓ Prof. Dr. Inga Žalėnienė - Addressing Sustainable Development Goals at MRU
- ✓ Mykolas Romeris University, Environmental Management Lab
- ✓ Prof. Dr. Paulo Pereira - CLIMAN PI / Scientific work developed at MRU related to climate change
- ✓ Mykolas Romeris University, Environmental Management Lab
  Dr. Miguel Inácio - Climate change mitigation at the coast: the role of nature-based solutions
- ✓ Mykolas Romeris University, Environmental Management Lab
  Dr. Donalda Karnauskaite – Climate change and sustainability indicators: lessons from the Baltic coast
- ✓ Mykolas Romeris University, Environmental Management Lab
  Dr. Eduardo Gomes – Climate change and land-use changes
- ✓ Stockholm University, Sweden
  Dr. Carla Ferreira – Nature-Based Solutions and climate change
- ✓ Mykolas Romeris University, Environmental Management Lab
  Prof. Dr. Paulo Pereira – Climate change in urban areas

The experts made great attention to answering of the numerous questions of the participants of the event.

A lot of thanks to the organizers of event - Mykolas Romeris University and to all participants.

Online Part of Study Visit, organized by Turiba University

14 April 2021 the Online Part of Study Visit organized by Turiba University (Riga, Latvia) took place in the frameworks of CLIMAN project gathering the HEIs representatives from Georgia, Ukraine, Republic of Belarus, as well as Germany, Netherlands, Italy, Lithuania.

During the study visit Turiba University shared the experience of Latvia nd Turiba in the field of prevention of climate change and sustainability, implementation of different initiatives in climate management field, sustainability issues in study programs and processes. As Turiba University is specialising in Business education, the special attention was given to sustainable business, best examples in Latvia.

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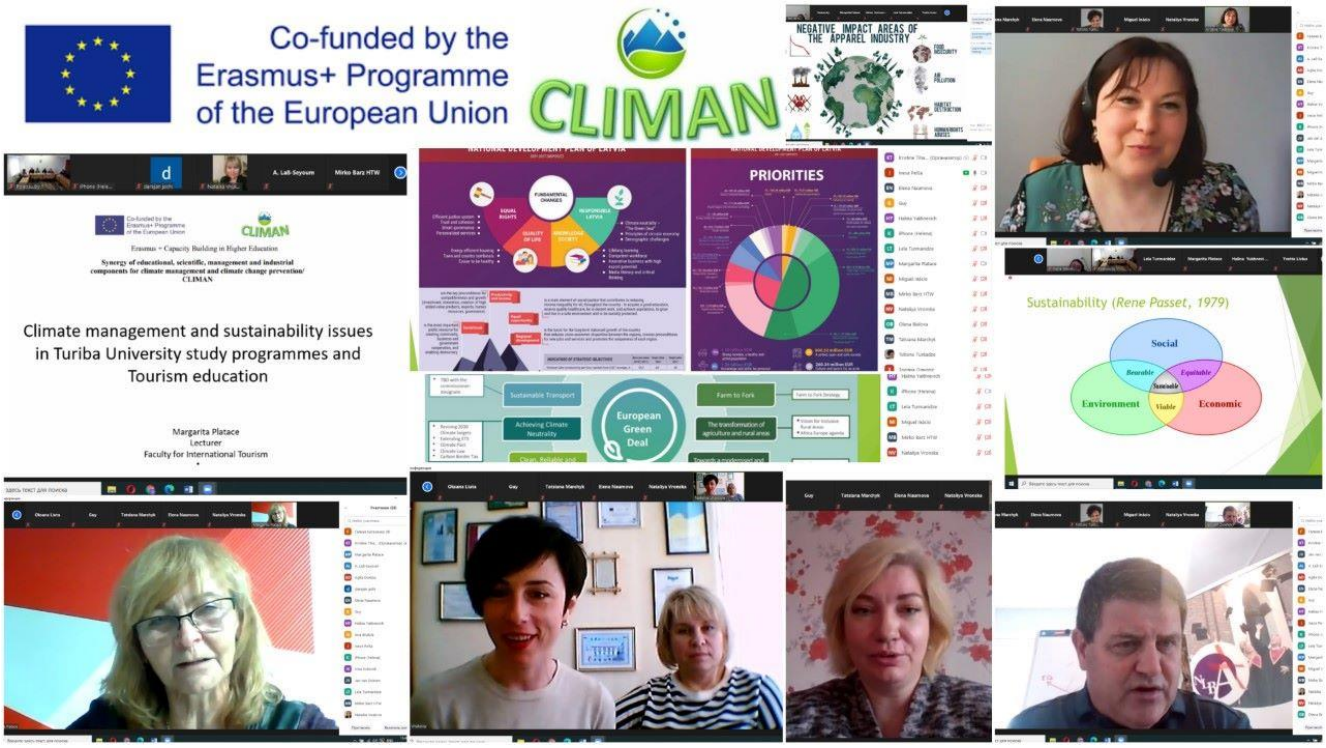

The program included the following:

- ✓ Kristīne Tihanova, Turiba University, CLIMAN project administrator and Agita Doniņa, Turiba University, Dean of the International Tourism faculty, academic leader of the CLIMAN project opened the meeting.
- ✓ "Global challenges and EU politics in climate management and sustainable development. Experience of Latvia." were presented by Inese Pelša, Senior Expert of Ministry of Environment protection and Regional Development, Coordination Department, Strategy and Sustainable Development Division.
- ✓ "Climate management and sustainability issues in Turiba University study programmes and Tourism education" were presented by Margarita Platace, Lecturer of Turiba University.
- ✓ "Climate management initiatives, sustainability and green thinking in
- ✓ business. Examples from Latvia/" were outlined by Ieva Bruksle, Turiba University, Vice-dean of Business administration faculty, expert and lecturer.

The meeting ended with Discussions and Conclusions.

A lot of thanks to the organizers of event - Turiba University and to all participants.

Online Part of Study Visit,

organized by Hochschule für Technik und Wirtschaft Berlin

24 March 2021 the Online Part of Study Visit under the title "Climate protection and energy issues" in the frameworks of ERASMUS+ project CLIMAN was organized by Hochschule für Technik und Wirtschaft Berlin (HTW Berlin) - University of Applied Sciences.

Experience of HTW Berlin - University of Applied Sciences was presented by the leading university scientists, professors and researchers for representatives of partner universities from Ukraine, Belarus and Georgia in the direction of implementation of scientific high-tech climate-oriented research, training of students of Master Degree Programs, Doctoral and Postdoctoral studies; presented various topics that covered both general issues of the main ways of preserving the climate in technical, social and educational aspects, as well as specific highly specialized organizational and technological measures.

✓ Professor M. Bartz in his report "Energy Economics as a Central Challenge to Climate Protection" revealed a system-oriented approach to the use of energy resources of the planet, taking into account their carbon contribution in the context of environmental problems and the global crisis of traditional carbon fossil fuels.

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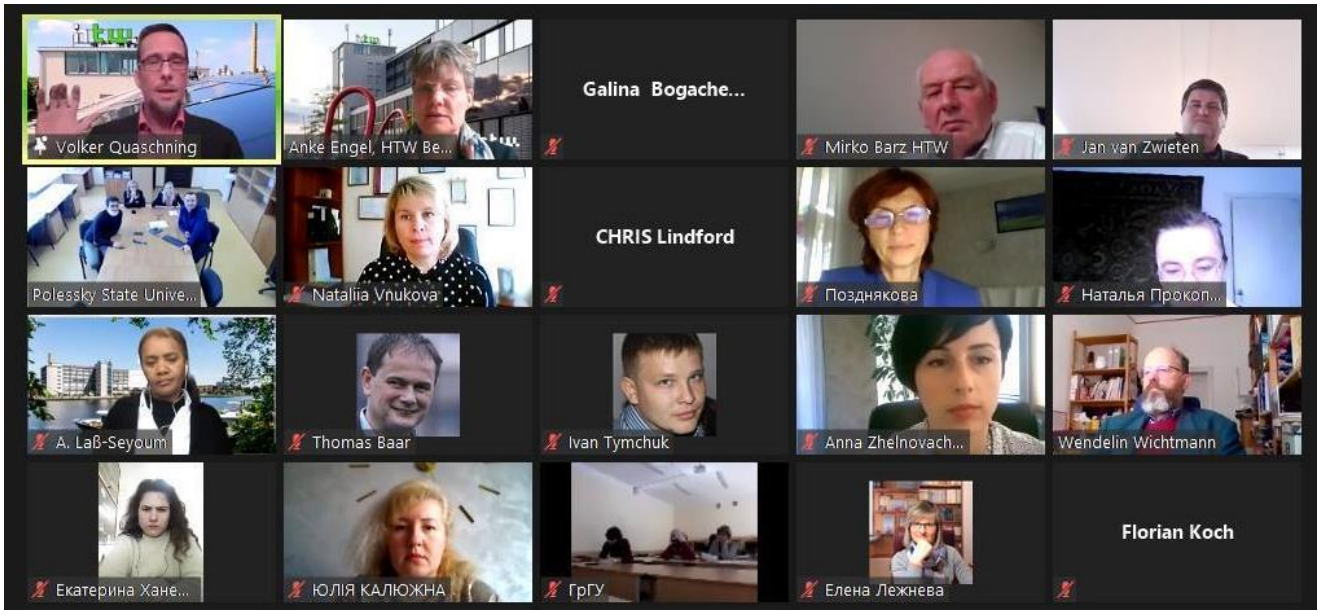

✓ Professor Koch presented the results of his own research on the application of approaches to sustainable development of urban areas in the context of energy saving, improving the organizational structure of environmental, including climate, local governance and stressed the importance of organizing and developing cooperation under the Global Sustainable Development Goals.

✓ Professor Lass-Seium outlined the prospects for the production and use of hydrogen technologies in industry and transport to reduce overall energy consumption and anthropogenic impact on environmental components in the report "Hydrogen technologies - benefits and challenges."

✓ The prospects for using "natural solutions" to stimulate agricultural development in peatlands and swamps to mitigate the effects of climate change were outlined in a report by Dr. Wichtmann of the Institute of Botany and Landscape Ecology at the University of Greifswald.

The presented reports revealed as widely as possible all aspects of the implementation of climate-oriented activities in the world and the experience of Germany, which was very useful for participants from Ukraine, the Republic of Belarus and Georgia.

As a result of a very informative study visit, representatives of Ukraine, Georgia and the Republic of Belarus developed and presented promising measures to protect the climate in their countries and discussed the results to achieve a common position on the abovementioned issues.

Such study visits are very useful for stimulating of both educational and research processes at partner universities, because only on the basis of exchange of international and intersectoral experience in scientific and educational aspects the synergistic effect to solve global problems of mankind can be achieved.

We would like to express our sincere gratitude to the entire HTW Berlin team for the wonderful organization of such a useful and bright event!

In recent decades, environmental problems related to anthropogenic impact on the environment have become increasingly acute and lead to the need for the formation and systematic implementation of environmentally-oriented activities at both national and global levels. Among all global environmental problems, the problem of climate change and, as a consequence, the transformation of ecosystems at all levels has a special place, which highlights the need to study climate-oriented processes and develop approaches to climate change mitigation in organizational, technological, legislative, educational directions, etc.

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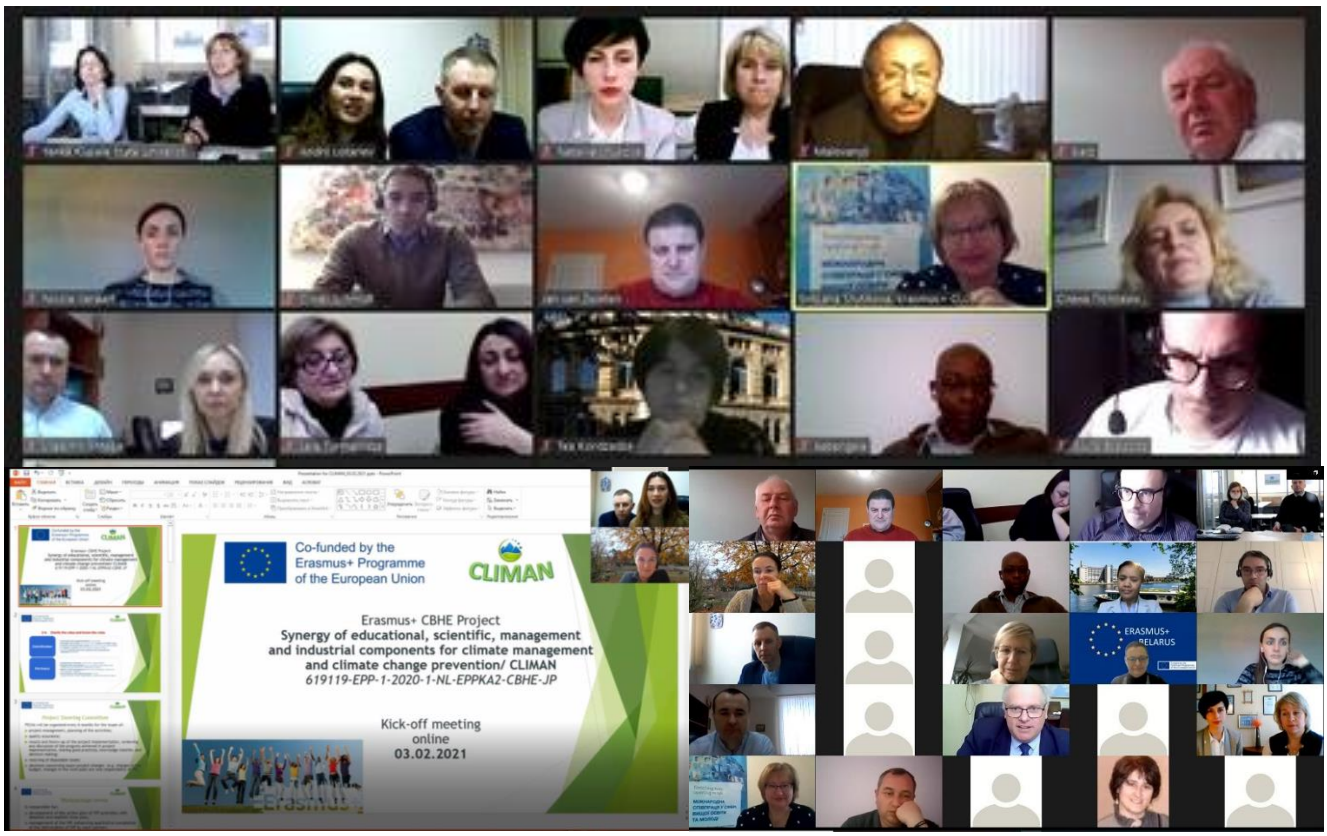
Kick-off Meeting of CLIMAN Project

3 February 2021 the kick-off meeting of the EU Erasmus+ project #CLIMAN "Synergy of educational, scientific, management and industrial components for climate management and climate change prevention" was held online.

Oleh Sharov, General Director of the Directorate of Higher and Adult Education of Ministry of Education and Science of Ukraine; Svitlana Shytikova, director of National Erasmus+ Office in Ukraine; Oksana Minich, director of National Erasmus+ Office of Belarus welcomed the participants and supported during the meeting.



Project goals, indicators and content, as well as management, financial, administrative and quality aspects were presented and discussed. The project partners, among which are Netherlands Business Academy, the Netherlands; KROK University, Ukraine; Foggia University, Italy; University of Applied Sciences, Germany; Mykolas Romeris University, Lithuania; Turiba 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, presented their HEIs/organizations and project teams, learnt more about each other.

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Working meeting on the basis of JLLC «BELSYR»

On February 18, 2021, as part of the development of the Rational Environmental Management and Climate Management profile of an innovative industrial cluster in the field of biotechnology and green economy and the implementation of the European Union program Erasmus + CLIMAN, specialists from PolesSU and the organization of cluster development LLC «Technopark Polessye» visited a responsibility of "Belsyr" (Kalinkovichi, Gomel region).

This enterprise is one of the leading cheese producers in the Republic of Belarus with foreign investments. Cheese at JLLC "BELSYR" is produced using rare biotechnology using original lyophilized and deep-frozen bacterial starter cultures, which allow for a high stability of the technological process and the possibility of obtaining a high-quality product.

The subject of the meeting was the signing of agreements on scientific and technological consulting of the enterprise in the modernization of local treatment facilities, in order to comply with regulatory requirements for environmental safety, taking into account the factors of climate control of the relevant processes.

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ABOUT THE 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*

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;
- Turiba 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.

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.