



Report

ClimEd online kick-off meeting

Date of meeting	3-4 February 2021
Organizer	University of Helsinki
Host	University of Helsinki
Date of report	8.2.2021
Author	Svyatoslav Tyuryakov, UH
Reviewer	Oleg Shabliy, OSENU

Aims of the meeting

- · To get acquainted and understand key strengths of each partner
- To understand own tasks in the project and roles of other partners
- To learn Erasmus+ rules of project implementation
- To setup ClimEd work and management structures
- To plan ClimEd activities for 2021

The meeting was recorded: <u>Day 1, Day 2</u>. The recording's time codes are indicated for speakers without slides. The meeting was attended by 52 and 38 participants on Day 1 and Day 2, respectively (Annex I).

Day 1

The planned program (Annex II) was fulfilled with one exception: there was no presentation from the Ministry of Education and Science of Ukraine on its activities and role in ClimEd project. On the other hand, potential associated partners joined the meeting with their brief presentations.

Opening and welcome addresses

Svyatoslav Tyuryakov, University of Helsinki, opened the meeting, announced aims of the meeting, presented aims of the project, recalled about the reasons behind the project and the area where the project is going to make change. See the slides.

Oleg Sharov (0.07.35-0.13.10), Director General of the Directorate of Higher Education and Adult Education of the Ministry of Education and Science of Ukraine, welcomed the participants on behalf of the Ministry, noted the importance of Erasmus+ capacity building projects to reforms of higher education in Ukraine, wished for successful achievement of all the planned project results, and assured of support to the project from the side of the Ministry during its implementation and beyond.

Svitlana Shytikova (0.13.30-0.18.50), Head of National Erasmus+ Office in Ukraine, underlined synergy between the ClimEd partners; emphasized the importance of implementing the competence-based approach and of university-business cooperation, so that university graduates could better meet labour market requirements; encouraged to develop courses in English language, as well as teaching staff to teach in English language in order to make students more competitive; recommended to collaborate and plan joint events with relevant Erasmus+ projects, particularly, with CLIMAN project ("Synergy of Educational, Scientific, Management and Industrial Components for Climate Management and Climate Change Prevention" - Lviv Polytechnic National University is partner both in ClimEd and CLIMAN); encouraged Ukrainian partners to count on support of National Erasmus+ Office in Ukraine at all times; and wished good luck to the project.

Presentations by the coordinator

Hanna Lappalainen, Research Coordinator at the Institute for Atmospheric and Earth System Research (INAR), University of Helsinki, and Secretary General of Pan-Eurasian Experiment (PEEX) Programme, presented

INAR's research areas, study programmes, and international collaboration initiatives, particularly, (i) <u>PEEX</u> (Pan-Eurasian Experiment) - a multidisciplinary climate change, air quality, environment and research infrastructure programme focused on the Northern Eurasia and Silk Road regions, and (ii) <u>GlobalSMEAR</u> - aiming to create Global Earth Observatory for filling the observational gap of the atmospheric-ecosystem in situ data. HL suggested that ClimEd partners could use <u>PEEX Science Plan</u> in their teaching and when designing new courses. See the <u>slides</u>.

Laura Riuttanen, Coordinator of Climate University (CU), University of Helsinki, presented Climate University – a very successful Finnish educational project, highly relevant to ClimEd, aiming to grow a new generation with competences to tackle the challenges of climate change and the sustainability crisis. As of December 2020, Climate University provides a set of nine free online courses for universities as part of their curricula (35 ECTS total), as well as for everyone interested to learn about climate change and sustainability. There is also one course for high schools. LR indicated a possibility to collaborate on communication skills course, planned in ClimEd, in view of CU's CLIMATECOMS.NOW course. In case of interest, translation of the CU courses into Ukrainian language could be discussed. Also, copies of course materials in Moodle could be provided. Currently, CU is working on the English versions of "Basics of Meteorology" and "Basics of Climatology", which is another possibility for collaboration. Finally, there is a new Academy of Finland research project "Learning of the competencies of effective climate change mitigation and adaptation in the education system" (ClimComp, 2021-2024) relevant to ClimEd. Internationalization of Climate University is among ClimComp's goals, collaboration with ClimEd can be discussed. See the slides.

Presentations by the national coordinator

Sergiy Stepanenko (0.53.36-1.00.38), Rector of Odessa State Environmental University (OSENU), spoke about the crucial role of climate education in addressing the global challenges of climate change mitigation and adaptation; highlighted urgency of the project, confirmed by the high attention to the project in Ukraine – at the moment of the talk, three Ukrainian universities and one research institute have submitted letters of interest to join the project as associated members; briefly told a story behind ClimEd; mentioned participation of OSENU in PEEX Programme; and emphasized the importance of increasing the level of climate competences of politicians and decision-makers at national, regional and local levels.

Oleg Shabliy, Head of Department of Foreign Relations at OSENU, continued with presenting the University's study programmes, areas of research and international collaboration, and role in ClimEd – national coordinator for Ukrainian part of the consortium, leader of WPs1, 2, and 7. See the <u>slides</u>.

Presentations of ClimEd Work Packages

<u>WP1. Information collection & analysis</u> and <u>WP3. Development of ClimEd Courses</u> – by Inna Khomenko, Odessa State Environmental University (OSENU). In addition to the presentation of WP3 tasks, there was a separate presentation of the <u>portfolio of ClimEd courses</u> planned at partner universities.

<u>WP2. Development of a Research-and-Education Platform</u> and <u>WP4. ClimEd Piloting</u> – by Oleg Shabliy, OSENU. <u>WP5. Staff capacity building</u> – by Valeriya Ovcharuk, OSENU.

<u>WP6. Quality assurance & control</u> and <u>WP7. Dissemination & exploitation of results</u> – by Oleg Shabliy, OSENU <u>WP8. Project management</u> – by Svyatoslav Tyuryakov, University of Helsinki.

Presentations of associated partners

Time left before the break was filled by brief presentations of two potential associated partners - Uman National University of Horticulture (2.18.10-2.22.16) and V.N. Karazin Kharkiv National University, Institute of Environmental Sciences (2.23.58-2.29.26). Both are interested in exchange of climate education experience with ClimEd. The latter suggested a concrete contribution to ClimEd – they could develop MSc and PhD course "Weather and climate: global warming?" and are ready to organize a workshop "Studying climate change with dendrology tools".

Presentations of the consortium members and their roles in ClimEd

University of Rovira i Virgili (URV) was presented by **Enric Aguilar**, Professor, Senior Researcher at the Center for Climate Change (C3), Head of Geography Department; Member of the Expert Team on Education and Training of the WMO Commission for Climatology, which developed a Competency Framework for Provision of Climate Services. See the slides. Highlights:

- Vision of how to train specialists for providing climate services
- Climate services in URV's degrees > creating climate products and co-design of climate services
- URV leads WP3 on development of ClimEd courses

Estonian University of Life Sciences (EMU) was presented by **Siiri Külm** and **Anton Shkaruba** from the Chair of Environmental Protection and Landscape Management of the Institute of Agricultural and Environmental Sciences. See the <u>slides</u>. Highlights:

- MSc programme in Environmental Governance and Adaptation to Climate Change
- Lifelong Learning via Open University offering courses in agriculture, social and behavioural sciences, technology, exact and natural sciences, etc.
- A possibility of joint trainings with Erasmus+ URGENT: Urban Resilience and Adaptation for India and Mongolia: curricula, capacity, ICT and stakeholder collaboration to support green & blue infrastructure and nature-based solutions (2021-2023)
- EMU leads WP6 on quality assurance

Kyiv National University of Construction and Architecture (KNUCA) was presented by **Olena Verenych,** Assoc. prof., Automation and Information Technology Faculty. See the <u>slides</u>. Highlights:

- ClimEd will be implemented mainly at the Department of Labor and Environmental Safety leader in training of specialists in green construction and impact of construction industry on climate change
- Strong internal collaboration between KNUCA faculties planned within ClimEd
- Development and piloting the ClimEd courses relevant for construction industry

O.M. Beketov National University of Urban Economy in Kharkiv (NUUEK) was presented by Yuriy Vergeles, Senior lecturer, Department of Urban Environmental Engineering & Management. See the slides. Highlights:

- Research on urban ecosystems, anthropogenic impacts on hydrological cycle in urban areas, naturebased solutions for adaptation
- MSc Programmes "Urban ecology" and "Environmental Protection Technologies & Environmental Safety", PhD Programme "Environmental Technologies"
- Development and piloting the ClimEd courses relevant for urban management sector

Lviv Polytechnic National University (LPNU) was presented by **Myroslav Malovanyy**, Head of Department of Ecology and Sustainable Environmental Management, Vyacheslav Chornovil Institute of Sustainable Development, and **Oksana Liuta**, Assoc. prof. See the <u>slides</u>. Highlights:

- Research on production of renewable energy, remediation of industrially disturbed lands, absorption of carbon dioxide
- Education in areas of meteorology and climatology, energy saving technologies, rational nature management, environmentally safe production
- Research and educational Laboratory of Renewable Energy Sources within the Department
- Development and piloting the ClimEd courses relevant for energy sector

Bila Tserkva National Agrarian University (BTNAU) was presented by **Tetyana Dyman**, Vice-rector for Educational and International Activities, Professor of the Department of Food Technology, and **Natalia Dyman**, Researcher at the Faculty of Ecology. See the <u>slides</u>. Highlights:

- Strong internal collaboration: Dept. of technologies in crop production and plant protection, Dept. of Information Systems and Technology, International Department, International Educational and Scientific Centre, Institute of Post diploma training.
- University training farm
- Development and piloting the ClimEd courses relevant for agricultural sector

Odessa National Medical University (ONMU) was presented by Tetiana Shablii, Associate Professor of the Department of Obstetrics and Gynaecology. See the <u>slides</u>. Highlights:

- Prioritizing blended and student-centered learning
- Research on climate impacts on pregnancy and reproductive health -> adaptation of the female population of Odessa to climate change
- Development and piloting the ClimEd courses relevant for public healthcare

Ministry of Environmental Protection and Natural Resources (MEPNR) of Ukraine was presented by Olha Skazheniuk from the Department of Climate Policy and Ozone Layer Protection. See the slides. Highlights:

- The involved Department is developing a framework strategy on environmental safety and adaptation to climate change in Ukraine until 2030
- The Ministry will monitor performance of the project stages and provide an expert assessment on how the final project outcomes correspond to the main goals and objectives of government programs and the Concept of State Climate Change Policy for the period until 2030, as well as facilitate their development and implementation

Presentations of associated partners

The missing presentation from the Ministry of Education and Science of Ukraine was replaced by brief presentations of potential associated partners. Professor **Tetiana Nezhlukchenko** (4.44.40-4.47.15) introduced Mikolaiv National Agricultural University, interested in research on adaptation of sheep production and bee-farming to climate change (there exists an appropriate infrastructure).

Anton Shkaruba (4.49.40-4.52.36) introduced the Institute of Ecology of the Carpathians of National Academy of Sciences of Ukraine: based in Lviv, focused on forest adaptation and carbon sequestration, have a PhD programme, interested in ClimEd, good for the purposes of dissemination, could contribute to curricula development and provide their facilities to the project (high-mountain research station), if needed.

Concluding remarks

Svyatoslav Tyuryakov summarized the work done during the day, noted the high level of the partners' expertise and complementarity of that expertise in terms of ClimEd project, as well as excitement about starting this new collaboration. Day 1 was concluded by taking a group photo.

<u>Day 2</u> was all about practical arrangements. Svyatoslav Tyuryakov moderated all sessions, Alexander Mahura, University of Helsinki, moderated the session on rescheduling of WP5 tasks.

Work and management structures

The consortium has set up the ClimEd <u>Steering Committee</u> (SC), each partner appointed their local <u>Project Managers</u> (PMs), with the exception of the Ministry of Education and Science (their SC member and PM yet to be determined). The consortium also agreed on <u>Work Package leaders and co-leaders</u>.

Schedule of project meetings

- 1. Next large project meetings were scheduled for June 2021 (most likely, online) and Nov 2021.
- 2. The consortium decided to hold weekly teleconferences on Wednesdays, from 14:00 to 15:00 (UTC+2 Helsinki, Kyiv, Tallinn). Teleconferences will be taking place in Zoom, Svyatoslav Tyuryakov will be organizing and holding these.

Workplan 2021

Tasks in Work Packages starting before the next Steering Committee meeting (June 2021) were rescheduled to account for 2-month delay with the project start. The official start date of ClimEd according to the Grant

Agreement is 15.11.2020, while the factual start date is 12.01.2021 (date of the 1st work meeting of Ukrainian partners). In due time, Sergej Zilitinkevich, ClimEd coordinator, has requested the Executive Agency to sign the Grant Agreement starting from 15.01.2021. The Agency replied that changing the date is too complicated and asked to keep 15.11.2020 as a starting date.

The rescheduling concerned WP1, WP2, WP5, WP6, WP7, and WP8. In addition, length of each task was carefully re-evaluated and adjusted where needed. The process was organized as joint work with the project's Gantt chart in ClickUp online application. The corrected dates of all tasks will be transferred to ClimEd Team space on Microsoft Teams.

Erasmus+ management principles and rules

Svyatoslav Tyuryakov informed the participants about the Erasmus+ CBHE Grantholder's Meeting, which was held by EACEA in the end of January and included a bilateral meeting with our Project Officer, Belen Enciso, and highlighted a few items, important to keep in mind:

- The project is a joint responsibility of the consortium. Everyone must be integrated in work and be
 aware of what is happening in the project as a whole, not only inside own university. Inside own
 university, all the relevant departments must be involved, e.g. accounting office, foreign relations
 department, etc. This is verified during field monitoring visits by NEO UA.
- Impact is the keyword in Erasmus+ CBHE. Impact is defined as effects of project results on individuals, institutions, education systems, which introduce positive, visible and sustainable change. Impact is what we must be thinking about when implementing any of our project activities. There is a current situation, when climate services in Ukraine are underdeveloped, and the situation must change after 3 years of our project. To make impact is crucial, but also measuring it and communicating to the Executive Agency is equally important it is the first thing the Agency cares about.
- The project application is the baseline for the project implementation. Based on the text and numbers in the description of the project and budget, our application has selected for funding. Changes are possible, but should be done carefully.
- Budget distribution between the partners is not fixed, but has a certain degree of flexibility. This is a message from EACEA and our Project Officer. Budget shares of individual partners are an estimate corresponding to the situation, when all the costs are incurred strictly according to the budget submitted with the application. In reality, this is not possible, because the grant is calculated on the basis of "unit costs" (except for equipment and subcontracting). "Unit costs" are something like a universal average. The reality might differ. Due to their geographical location and depending on the destination, some partners might be systematically spending more on travel in respect to "unit costs", and other partners less. It is the consortium's contractual obligation to complete all the project tasks, including trainings, study visits and meetings. That is why the budget flexibility to avoid, for example, a situation, when some partner can't attend project events due to the lack of funds because of its systematically higher mobility costs in respect to "unit costs".

Svyatoslav Tyuryakov overviewed management of <u>staff costs</u>, <u>travel costs and costs of stay</u>, management of <u>equipment and subcontracting costs</u>, and <u>reporting</u>. The overview was based on EACEA slides.

Partnership Agreement

Draft of the Partnership Agreement was sent to partners shortly before the meeting. At the meeting, partners were particularly encouraged to assess the applicability of Article 7 on reimbursement modalities to practices of their institutions.

Online communication/collaboration platforms

The consortium agreed to use Microsoft Teams as the main platform for internal collaboration and communication within the project. University of Helsinki provides full access to MS Teams functionality to its

staff, people from outside can access free of charge by invitation. ClimEd space in Teams has been already created and during the meeting was demonstrated to participants. Setting it up will continue during February, so that it contains:

- Descriptions and due dates of the project tasks and deliverables (an updated version of the information in the original application)
- Contact details of the project staff
- Information concerning the project meetings and reports
- Project documentation (Grant Agreement, Partnership Agreements, guidelines)
- Templates

Scheduling and tracking of progress will be done in ClickUp app, the possibility of providing access to local project managers at each partner will be explored.

Revised lists of equipment and courses

The consortium agreed to revise the list of equipment after the webinar on equipment procurement that will be organized by NEO UA for Ukrainian beneficiaries in the third decade of February. This time should be also sufficient for finalizing the revision of the lists of ClimEd courses.

Upcoming meetings

- Weekly teleconference: 10 Feb 2021, 14:00-15:00 (UTC+2 Helsinki, Kyiv, Tallinn)
- Plenary and Steering Committee meeting: June 2021, online

Action points

No.	Action	Responsible	Due date
1	Make sure that at each partner involvement of <u>all team</u> <u>members</u> in ClimEd Work Packages is marked in the Google sheet https://docs.google.com/spreadsheets/d/1CCF1FSKW-M2qfjY0qW6KwGX_ketzl_Nz/edit	Local Project Managers	8 Feb
2	Identify Task leaders for each task in WP	WP leaders	10 Feb
3	Contact the Ministry of Education and Science in order to determine their SC member and PM	Sergiy Stepanenko	10 Feb
4	To check and correct as needed the titles of tasks and deliverables (jointly by UH and OSENU)	Svyatoslav Tyuryakov	19 Feb
5	To update Logical Framework Matrix by including quantitative indicators, because EACEA requires numbers to assess impact (jointly by UH and OSENU)	Svyatoslav Tyuryakov	19 Feb
6	Finalize setting up the ClimEd Team on Microsoft Teams	Svyatoslav Tyuryakov	19 Feb
7	Send invitations to all project participants to join ClimEd Team on Microsoft Teams	Svyatoslav Tyuryakov	19 Feb
8	Discuss with partners and sign Partnership Agreement	Svyatoslav Tyuryakov, Local Project Managers	26 Feb
9	Revise the lists of equipment and courses	Local Project Managers	26 Feb

	Meeting ID 61489865805	Topic ClimEd Kick-off Meeting	Start Time 3.2.2021 9:45	End Time 3.2.2021 16:12
		User Email svyatoslav.tyuryakov@helsinki.fi	Duration (Minutes) 387	Participants 53
No.	Name (Original Name)	User Email	Total Duration (Minutes)	Guest
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	Valeriya Ovcharuk (Валерія			
4	Анатоліївна Овчарук)	valeriya.ovcharuk@gmail.com	384	Yes
5	Inna Khomenko	innchom.ik@gmail.com	378	Yes
6	Prokofiev Oleg	dean-met@odeku.edu.ua	227	Yes
7	Oleg Shabliy	foreign-relations@osenu.org.ua	380	Yes
8	Oleg Tarabrin	tarabrinoleg@gmail.com	383	Yes
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13	садівництва)	unuh1844@gmail.com	85	Yes
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41	Ivan Tymchuk (Іван Тимчук)	ivan.s.tymchuk@lpnu.ua	387	Yes
42	Oksana Liuta	oksana.lyuta@gmail.com	262	Yes
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50	Tetyana Dyman	tetyanadyman@gmail.com	145	Yes
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51	Володичев)	volodichev93@gmail.com	78	Yes
	Tetiana Nezhlukchenko			
52	(Нежлукченко)	nataly12154@gmail.com	58	Yes

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No.	Name (Original Name)	User Email	Total Duration (Minutes)	Guest
1	Vira Sliusar	vira.t.sliusar@lpnu.ua	311	Yes
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4	Oleg Shabliy	foreign-relations@osenu.org.ua	321	Yes
5	Tetyana Dyman	tetyanadyman@gmail.com	323	Yes

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7	Olena Verenych	verenych@ukr.net	320	Yes
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11	Enric Aguilar	enric.aguilar@urv.cat	100	Yes
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13	Alexander Mahura	alexander.mahura@helsinki.fi	315	Yes
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18	Myroslav Malovanyy	myroslav.mal@gmail.com	312	Yes
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19	Попович)		254	Yes
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22	Artem Gontscharenko	hosting.pat@gmail.com	312	Yes
23	Tetiana Shabliy	t_shabliy@hotmail.com	311	Yes
24	O. Bonkovski	bonkovski@gmail.com	311	Yes
25	Oksana Liuta	oksana.lyuta@gmail.com	178	Yes
26	Olga Khandogina	ol.khandogina@gmail.com	58	Yes
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28	Nataliia Papakina	papakinans@ukr.net	308	Yes
29	Nadiya Maksymenko	maksymenko@karazin.ua	9	Yes
30	Anton Shkaruba	anton@mespom.eu	168	Yes
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3 Feb 2021

10:00	Welcome and aims of the project
	Sergej Zilitinkevich/Svyatoslav Tyuryakov (University of Helsinki)
10:10	Welcome address
	Oleg Sharov, Director General of the Directorate of Higher Education and Adult Education
10:20	Keynote address
	Svitlana Shytikova, Head of National Erasmus+ Office in Ukraine
10:30	Research and education at the Institute for Atmospheric and Earth System Research (INAR)
	Hanna Lappalainen (University of Helsinki)
10:50	Climate University: Teaching and learning for sustainable future
	Laura Riuttanen (University of Helsinki)
11:10	About Odessa State Environmental University and origins of ClimEd
	Sergiy Stepanenko (Odessa State Environmental University)
11:25	5-minute break
11:30	WP1. Information collection and analysis
	Inna Khomenko (Odessa State Environmental University)
11:40	WP3. Development of ClimEd Courses
	Inna Khomenko (Odessa State Environmental University)
11:55	WP2. Development of a Research-and-Education Platform
	Oleg Shabliy (Odessa State Environmental University)
12:05	WP4. ClimEd Piloting
	Oleg Shabliy (Odessa State Environmental University)
12:15	WP5. Staff capacity building
10.05	Valeriya Ovcharuk (Odessa State Environmental University)
12:25	WP6. Quality assurance and control
42.25	Oleg Shabliy (Odessa State Environmental University)
12:35	WP7. Dissemination and exploitation of results
42.45	Oleg Shabliy (Odessa State Environmental University)
12:45	WP8. Project management
12.50	Svyatoslav Tyuryakov (University of Helsinki)
12:50	Lunch University of Device i Viveili in ClimEd
13:50	University of Rovira i Virgili in ClimEd
14.05	Enric Aguilar
14:05	Estonian University of Life Sciences (EMU) in ClimEd
14.20	Anton Shkaruba, Siiri Külm
14:20	Kyiv National University of Construction and Architecture in ClimEd Olena Voloshkina, Olena Verenych
14.25	O.M. Beketov National University of Urban Economy in Kharkiv in ClimEd
14:35	·
14:50	Yuriy Vergeles Lviv Polytechnic National University in ClimEd
14.30	Myroslav Malovanyy, Oksana Liuta
15:05	5-minute break
15:10	Bila Tserkva National Agrarian University in ClimEd
13.10	Tetyana Dyman
15:25	Odessa National Medical University in ClimEd
13.23	Tetiana Shablii
15:40	Ministry of Education and Science of Ukraine in ClimEd
13.40	Kateryna Suprun
15:50	Ministry of Environmental Protection and Natural Resources of Ukraine in ClimEd
15.50	Olha Skazheniuk
	Ollid Skazifellidik

16:00	Concluding remarks	
16:15	End of the meeting	1

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10:00	Collaboration and communication within ClimEd	
	 Setting up the project's work and management structures 	
10:25	Project activities	
	Workplan for 2021	
	 Schedule of upcoming meetings and trainings 	
11:00	Erasmus+ management principles and rules	
	Institutional commitment	
	Staff costs, travel costs and costs of stay	
	Equipment and subcontracting costs	
	• Changes	
	Reporting	
	Monitorings and audits	
12:30	Lunch	
13:30	Collaboration and communication within ClimEd	
	Partnership agreement	
	Online communication/collaboration platforms	
14:45	Project activities	
	Revised lists of courses	
	Revised lists of equipment	
15:45	Concluding remarks	
16:00	End of the meeting	