



BIOART
SOCIETY

DISSEMINATION STRATEGY

Version 2.0

ERASMUS+ CLUVEX Project Number 101111959

Work Package 5
Deliverable 5.1

26 June 2026



Co-funded by
the European Union



CLUVEX



CLIMATE
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This document is the final version (June 2026) of the Dissemination Strategy. It summarises the overall communication and dissemination approach of the CLUVEX project, including its objectives, target groups, communication aims, dissemination levels, methods, channels, planned activities, digital outreach, events, reporting procedures, and monitoring indicators.

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1. PROJECT OVERVIEW

The main objective of this **Dissemination Strategy** is to **raise public awareness of the virtual exchange concept developed during the CLUVEX project for the international academic community.**

The PLAN is an important part of every Erasmus + project in order to make sure that the project development and its results are handy for every relevant stakeholder and target audience.

CLUVEX Main Aim is to bridge students from European and Eastern Neighbourhood universities and to engage them with climate competences, e.g., ideas of adaptation and mitigation to climate change and the green agenda, together with interdisciplinary/ green/ soft skills.

CLUVEX Main Activity - Virtual Exchange (VE) is the interactive online courses or workshops, including traditional educational materials in a way that students, professors, and teaching assistants will work together in small groups. The VE will take place in small groups discussing specific topics of climate change and sustainability.

CLUVEX Foundation, Implementation and Networking

The project builds on atmospheric sciences research and an existing virtual online platform called “Climate University” developed and hosted by the University of Helsinki (coordinator). The Climate University (CU) has been piloted since 2018 in 25 higher education institutions in Finland. VE activities will be integrated into interactive Climate University higher education e-courses involving 2500 higher education participants during the 3 - year project lifetime.

In addition to university partners of the project, the art & science partner BioArt Society will introduce artistic perspectives on how contemporary art aims to contribute to the public climate change discourse in the form of VE lectures and creative exercises.

The project will be implemented on a 50% basis so that half of the participants come from universities of Denmark and Finland e.g., European universities, and the other half from universities in Ukraine and Armenia (as Neighbourhood East countries). All the partners bring their technical tools together with pedagogical expertise for designing new VE interaction between students. The project will use its networks like Una Europa, an alliance of 11 European universities, World Meteorological Organization’s Global Campus initiative, in Europe and Neighbourhood East to attract other participants on a diverse basis.

Major Outcome is nurturing the generation of young Climate Messengers competent in building climate awareness and sustainability strategies in their home organisations and future work life. Thus, the VE cooperation complements the ongoing physical mobility opportunities in the field of climate change research, and the ensemble of political decisions and issues, where Neighbourhood East has an especially important role in a global scale and new Climate Messengers could be much-needed expertise in labour markets.

Main Objectives

(1) to bridge and bring together students from European and Neighbourhood East countries universities and engage them with climate competences and soft skills;

- (2) to develop and design a new, tailored Virtual Exchange concept for climate education and training;
- (3) to educate new facilitators and moderators with climate competencies and soft skills for VE;
- (4) to educate university students to act as Climate Messengers in society;
- (5) to upscale and distribute information on Virtual Exchange as a powerful tool to bring students together from across wide geographical distances.

2. PROJECT TARGET GROUPS, IMPACT AND TGS

Short-term effect of the project is involving a wide spectrum of students in acquiring the unique knowledge and skills for sustainable development and design regional, sectoral and local climate adaptation programs at **the CLUVEX partner universities in Finland, Denmark and in Ukraine, Armenia**. At the first phase of dissemination, the university students and university lecturers and professors at the CLUVEX partner universities and countries are the primary target group. The Climate University at UH is already a competence centre in climate online education for regional sustainable development. However, the VE concept enables and facilitates the way for wide upscaling. The virtual exchange component will optimise the “doorstep” of the Climate University education and will attract more new students at the Partner’s universities and in their countries from various geographical regions. The Partner universities are leading universities in their countries and CLUVEX is an asset to consolidate a new format of on-line climate education.

Mid- and Long-term effects of the project are implemented by the specific dissemination and upscaling activities. The aim of the medium impact is to disseminate the VE concept to wider networks and forums and facilitate the steps towards the wider use of VE methods when implementing climate actions.

The academic and scientific communities are the major direct target group of the project. Climate specialists, **Climate Messengers**, will be in high demand in a few years as those programs inevitably will become mandatory by national standards. Virtual exchange addressed communication skills (communication over different cultural, geographical etc. interfaces) together with the climate competences are much needed for implementing the global climate actions. CLUVEX Virtual Exchange – Climate University concept is aimed to be one aimed at to be the most important priorities at the participating universities is education aimed at developing XXI century competences, designing new activities adequate to the challenges of time, focusing on the needs of the community and initiating innovations in the field of education, especially implementing new digital forms of education and encouraging the Universities students, researches and teachers in Finland, Denmark and in Ukraine and Armenia to engage with their colleagues in EU and the world. Therefore, VE is considered as a prominent mechanism to foster the development of green literacy as a soft skill in the XXI century, international cooperation and digital transformation of the mobility practices.

Direct or indirect beneficiaries of the project can be grouped into the following target groups:

- 1. University 2,500 students at the partner universities /other universities /national academic networks:**
 - ✓ To attract students to participate VE – Climate university courses
 - ✓ Website, Call-for-VE courses, adverts in universities media(s) for students, tailored advertisement at the partners' universities Bachelor / Masters / Doctoral Programs.
- 2. Teaching staff, practicing experts, VE facilitators at the partner universities**
 - ✓ To attract the teachers and other staff to participate the VE staff training
 - ✓ Website, Call-for-VE courses, adverts in universities media(s) for students
- 3. Partner universities' PR offices and departments, student media, bloggers and/or influencers**
 - ✓ To distribute and advertise the VE-Climate University Concept for the further dissemination
 - ✓ Promotional materials such as brochures, flyers
- 4. Partners' collaboration networks**
 - ✓ To distribute and advertise the VE-Climate University Concept for the further upscaling
 - ✓ Promotional materials such as brochures, flyers, photos, CLUVEX Guidebook
- 5. Wider international research community**
 - ✓ To disseminate the VE-Climate University Concept for the wide use
 - ✓ Presentations in international science conferences and other forums
- 6. General audience**
 - ✓ To increase general awareness
 - ✓ Website, Social media networks (Twitter, Facebook, LinkedIn).

3. DISSEMINATION PLAN OVERVIEW

The aim of the CLUVEX Dissemination is to ensure the visibility of the project and ERASMUS PLUS, to disseminate the project results and outcomes to a wider audience, and to raise awareness – at local, regional, national and transnational level. CLUVEX key messages will focus on the benefits from project results.

Work Package Number	WP5	Lead Beneficiary	4. YSU
Work Package Name	Dissemination, Visibility and Sustainability		
Start Month	1	End Month	36
Objectives			
▪ to ensure visibility and promotion of the CLUVEX project ▪ to get public feedbacks (interviews for social media, university website, radio) ▪ to raise awareness on climate education and climate ▪ to promote Virtual Exchange programmes and the Climate University			
Description			
T5.1 Developing the project dissemination strategy and materials: Dissemination strategy is prepared, reviewed and approved by the CLUVEX consortium partners. It covers dissemination activities to reach various target groups: students (wide range students and natural sciences students), teaching staff, practicing experts, VE facilitators, university management, volunteers, applicants, parents, partners and citizens. Dissemination materials are designed and produced. T5.2 Setting up and maintaining online representation of the project for wider audience (webpage, profiles on social media networks): The CLUVEX logo, motto, hashtag, images or concepts (brand-book) are generated and approved to establish a clear identity of the project. CLUVEX webpages are created on the consortium partners' websites and updated regularly. CLUVEX social media profiles are created and updated regularly. Press kits for a wider media range include press-releases, photos, brand-book, audio. T5.3 Developing the project sustainability strategy: Sustainability strategy is written, reviewed and approved by the CLUVEX consortium partners. It includes scenarios for multiplication of the project's activities, guidelines on its development beyond the lifetime of the project.			

4. CLUVEX COMMUNICATION AIMS

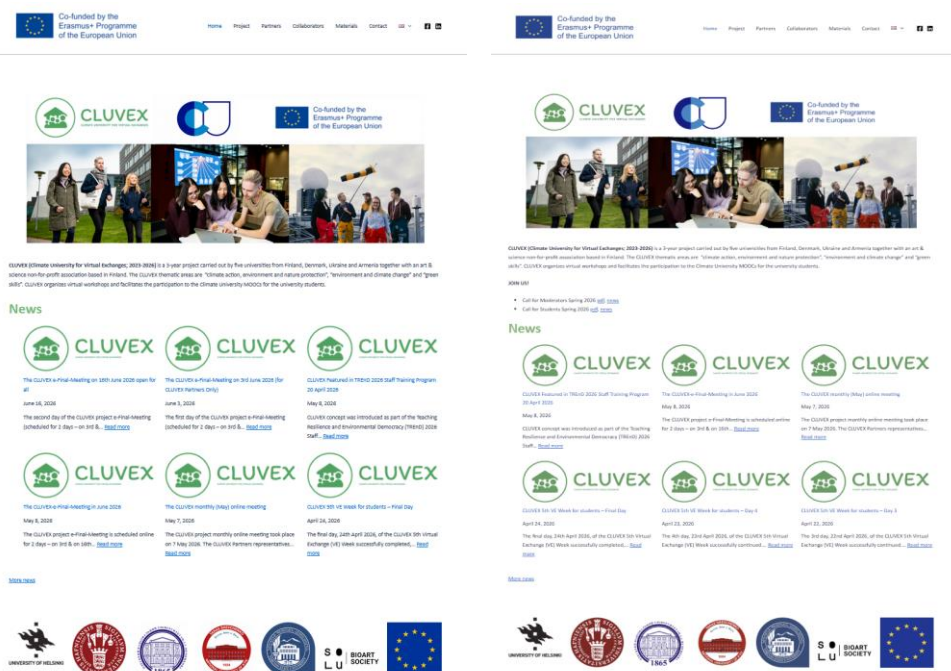
CLUVEX project aims to maximise the outreach of the project, ensuring that information and resources are easily searchable and accessible and by actively seeking a wider audience, through both online and in person engagement opportunities. Project website will serve as the central distribution point for communication and interaction activities. Project results will be disseminated via partners' collaborating networks, existing local and international platforms, including social media. All partners are well established and recognizable organisations within their communities and professional and academic networks.

The already established communication channels of each partner will be utilised to amplify and multiply the reach of messages. Consortium partners approve the dissemination strategy which includes a plan for upscaling of the project's activities, guidelines on its development beyond the lifetime of the project.

Design and produce dissemination materials. CLUVEX will make a clear identity of the CLUVEX project via generating the logo, motto, hashtag, images or concepts (brand book), CLUVEX webpage on the consortium partners' websites and to be updated regularly.

Project communication e-platform

- ✓ establish and update CLUVEX project website (<https://www.atm.helsinki.fi/cluvex>) with contributions and
 - ✓ establish Google Drive Document platform the share and file the project documents between project partners
- relevant materials from all Beneficiaries/ Partners involved.



Project meetings

✓ organise periodic monthly meetings (online) of the Steering Committee, WP leaders, and Advisory Boards (experts and students) as well as CLUVEX kick-off, mid-term and final meetings (face-to-face or hybrid/online depending on pandemic situation and plans).

5. THE LEVELS OF DISSEMINATION

The CLUVEX project will aim at three levels of dissemination:

- a) **AWARENESS RISING** - mainly involves delivering the main message of the project in relation to its aim and objectives (information days, open door days, printed and electronic promotional material - logos, leaflets, posters, roll up, notebooks, folders, pencils, bags etc), web portal;
- b) **UNDERSTANDING** - requires providing of more detailed information on the project purposes and methods: electronic and printed brochures, electronic material on web site, EU good practice reports, thematic workshops, final conference, etc;
- c) **ACTION/PARTICIPATION** - involvement in each of these three stages provides the basis for dissemination for action, where the project outputs are presented.

The dissemination strategy that will be followed in the project will ensure that the appropriate and most effective methods of dissemination and communication will be used for each target group, considering the special characteristics and needs. In accordance with best European Union practice and direct experiences in the dissemination of project activities, a sustainable model of dissemination will be consisted of following deliverable for different target audiences:

1. Mailing lists (e-brochures, e-leaflets, e-mails on project progress);
 - cluvex-list@helsinki.fi (established) – for members of all CLUVEX Partners/ Teams
 - cluvex-sab@helsinki.fi (established) – for CLUVEX student Advisory Board (SAB)
2. Information days, open door days, and thematic workshops;
3. CLUVEX project public website (<https://www.atm.helsinki.fi/cluvex>);
4. Articles and news published on the CLUVEX website;
5. Articles about the project results published in Erasmus+ newsletters;
6. Project materials (brochures, leaflets, reports, publications, etc – all relevant materials available from https://www.atm.helsinki.fi/cluvex/?page_id=119);
 - CLUVEX proposal – Description of Work ([pdf](#))
 - CLUVEX project stages in workflow for Virtual Exchanges ([png](#))
 - CLUVEX Virtual Exchange Weeks for students ([black-white-jpg](#); [color-jpg](#)) ([jpg](#))

- Virtual Exchange Week – Earned Bonuses for Students ([jpg](#))
- CLUVEX logo with white background ([png](#))
- CLUVEX leaflet in English-Ukrainian ([pdf](#)); front page ([pdf](#)), ([jpg](#)); back page ([pdf](#)), ([jpg](#))
- CLUVEX leaflet in English-Armenian ([pdf](#)); front page ([pdf](#)), ([jpg](#)); back page ([pdf](#)), ([jpg](#))
- CLUVEX banner in English ([pdf](#)), ([jpg](#))
- CLUVEX banner in Ukrainian ([pdf](#)), ([jpg](#))
- CLUVEX banner in Armenian ([pdf](#)), ([jpg](#))
- CLUVEX poster in English ([pdf](#)), ([jpg](#))
- CLUVEX poster in Ukrainian ([pdf](#)), ([jpg](#))
- CLUVEX poster in Armenian ([pdf](#)), ([jpg](#))
- CLUVEX leaflet ([pdf](#))
- CLUVEX project general overview (slides, [pdf](#))
- CLUVEX project overview, 2023, ver1 (poster, [pdf](#))
- CLUVEX project overview, 2024, ver2 (poster, [pdf](#))
- CLUVEX project overview, 2025, ver3 (poster, [pdf](#))
- Virtual Exchange Week – apply now ([pdf](#))
- 1st Virtual Exchange Week for students (14-18 October 2024): [videoclip1](#), [videoclip2](#)
- CLUVEX certificates for students (main collage: [pdf](#), [jpg](#)), [collage1](#), [collage2](#), [collage3](#)
- Call for Moderators: Autumn 2024 (only from CLUVEX Partners), Spring 2025 ([pdf](#)), Autumn 2025 ([pdf](#)), Winter 2026 ([pdf](#)), Spring 2026 ([pdf](#))
- Call for Students: Autumn 2024 ([pdf](#)), Spring 2025 ([pdf](#)), Autumn 2025 ([pdf](#)), Winter 2026 ([pdf](#)), Spring 2026 ([pdf](#))
- Summaries of VE Weeks: [Autumn 2024](#), [Spring 2025](#), [Autumn 2025](#), [Winter 2026](#), [Spring 2026](#)
- etc.

7. Meetings with policymakers and key actors;

8. Customized trainings /awareness raising events offered to the university staff, students, and other specialized staff.

6. COMMUNICATION METHODS AND CHANNELS

Communication channel	Means of communication	Audience
Electronic and on-line communication channels This communication channel is suitable for fulfilment of all communication plan specific objectives as it offers widely accessible and free to use tools that can reach Target group representatives situated in a considerable distance from the area of the factual implementation of the project. The communication channel suggests the use of a purposefully developed communication tools but integration of suitable information in already existing means of communication	<u>Internet website</u> (*) A project website will be created and will accommodate general information about the project itself, the partnership and will ensure access to all project deliverables. (*) Website will provide accurate and timely information about the scheduled project events and will offer the necessary pre-conditions for participation from all interested parties according to the type of a particular event; When appropriate the partners will also publish news and updates about the project on their websites; <u>Social media channels</u> (*) Social media profiles (a Facebook page/group) will be created where despite information about the topic of project news about its progress, deliverables and others relevant materials could be timely shared. Additionally, through creating events on Facebook, the project partners will be able to invite and inform diverse type of potential participants. The social media pages could be easily linked to the website of the project; additionally, a reference with the official social media profiles of each partner institution and other stakeholders could be established. <u>E-mails and on-line newsletters</u> (*) targeted e-mails could be used with the purpose of informing wider audience about the project and drawing their attention to achievements/ deliverables that might be interested; (*) e-News releases shall be published regularly for informing the representatives of all target groups regarding the achieved results and the project progress;	The type of the communication channel and the wide spectrum of the publicized information make it suitable for communicating with the representatives of all TGs

	<u>E-materials</u> (*) Electronic and on-line based materials could be used for spreading information about the project or introducing particular deliverable to the wider audience. Such e-materials may include project deliverables	
Printed materials This communication channel is suitable for fulfilment of communications objectives mainly related to awareness and transparency. The channel offers more audience related information and is considered to be effective in terms of motivation of factual use of the project deliverables.	The project context and activities suggest several options for communication means within this channel that could be efficiently used: <u>Printed events materials:</u> In accordance with the typology of the organized events, all project partners can and shall suggest and include structured information about the project, printed deliverables and well-visualized materials. This means that each partner shall provide as part of the training kits of the organized events (if and when appropriate): - Project introduction or presentation; - Reference to the project web-site; - Visualized materials; - Stickers for equipment visualization; <u>Brochures</u> The brochure types of printed materials are useful as they provide summarized information appropriate in terms of time limits. In some cases they could be used by more than one person and therefore are cost-effective tool for communication.	Representatives of all TGs
Events This communication channel is suitable for fostering use, adoption and capitalization of project deliverables while they ensure conditions for direct communication with target groups and additional discussions and presentations for	<u>Information events</u> In order the personal relations with the target groups to be strengthened purposeful events shall be organized under the form of awareness raising conferences/ events. In the framework of CLUVEX Project, each partner shall organise awareness events with, at least 30 participants, in total during the 1st year: (*) institutional awareness-raising events are aimed at presenting the project concept, background and rationale to various TGs Those events shall bring the attention of all the target groups of the project, which shall be a good base for further cooperation with them during the	Representatives of various TGs

better understanding of project/ deliverables specifics	implementation phase of the activities planned. (*) final dissemination conferences shall be the closing public events for the project and shall present the project achievement to the stakeholder communities. Besides that, those final events will have the purpose to provide space for brainstorming and mapping of the main continuation activities.	
Direct communication This communication channel is suitable for convincing target groups regarding the effectiveness of the project implementation or its results while in the framework of a dialogue the TG can express their concerns and receive adequate answers.	The project goals and achievements could be communicated to the potentially interested parties and participants via verbal communication during: - Project events; - In-house presentations and workshops; - Meetings with strategical partners and contractors; - Press conferences and other events with medias	Representatives of TGs

Identifying channels

In order to reach out the above audiences, CLUVEX will use a number of channels and will cooperate with other relevant national and international organizations, programmes and projects sharing similar objectives.

Some examples of possible communication channels are given below, classified into two lists according to the size of the audience (European Commission, 2012). The CLUVEX project contains a mixture of them to effectively communicate the project results.

Examples of non-media communication	Examples of media communication
- Dialogues, face-to-face conversation - Group discourses - Conferences - Round tables - Meetings - Workshops - Open days - Telephone calls - e-mail information service (questions	- Newspapers and magazines - Press releases - Newsletters - Manuals - Brochures, booklets, flyers - Letters - Radio - Television - Video

- and answer)
- Policy brief

- Posters
- Website
- Social media

7. COMMUNICATION AND DISSEMINATION ACTIVITIES

The CLUVEX Dissemination Activities are aimed to support the project management team in ensuring that all communication efforts help to achieve the project goals and the target change, and they are well coordinated and effective.

The communication activities are designed as a combination of methods for sharing information with different communities, partners and other stakeholders aimed at achieving maximum efficiency and publicity of the project, provision of relevant information at all levels as well as encouragement of usage of the project deliverables.

Communication start-up activities:

Implementation period: months 1-3 of the project.

Start-up Activities include the development of a Project Dissemination strategy and Action plan including a Project Logo.

Dissemination refers to promoting the project and its results to a multitude of audiences, including the media and the public; and possibly engaging in a two-way exchange as well as the process of making the results and deliverables of a project available to the stakeholders and to the wider audience. Dissemination is essential for take-up, and take-up is crucial for the success of the project and for the sustainability of its outputs in the long term.

CLUVEX Dissemination Strategy shall rely on following types of activities:

1. Activities specifically designed for informing about the project and its objectives. They will be maximally utilized as occasions for distribution of information about the project, as well as for raising awareness on the outlined issues under the project.
2. Activities specifically designed for describing results and making project deliverables and results ready for use.

All CLUVEX events will be open to mass media representatives and active Internet-based promotion will also be used to increase the number of beneficiaries.

8. DIGITAL ACTIVITIES

Implementation period: From the beginning of the project – on-going.

The digital presentation of CLUVEX is decisive for wide and efficient communication and dissemination of the project message, results and deliverables.

The digital communication activities of the project will include the development of a project Website as well as a Facebook Group/Page.

Promotional materials:

Implementation period: from the 12th month of the project

The project promotional materials will include e-News releases

Each partner shall develop and distribute at least 3 e-News releases on the main results and achievements of the project. The partners shall disseminate the e-news releases to their own academic, research and administrative staff as well as to members, learners and trainers, business partners, etc.

The news agencies, freelance journalists, media centres and other stakeholders shall also be contacted. The e-News release shall be also downloadable on the project Website.

9. EVENTS

Event No	Participant	Description				
		Name	Type	Area	Location	Duration (days)
E1.1	UH, OSENU, TSNUK, YSU, UCPH, BioArt	CLUVEX project kick-off-meeting	Meeting / workshop	Initiation the project realisation, detailed discussions and distribution of roles/ responsibilities/ contributions among the CLUVEX Partners/ Universities	Helsinki, Finland	2
E1.2	UH, ONU, TSNUK, YSU, UCPH, BioArt	CLUVEX project mid-term meeting	Meeting / workshop	Status/progress reporting and discussions (proposing/taking measures) on achieving goals, objectives, realisation of WP's (on development, training, implementation, dissemination) tasks, deliverables, milestones; project's sustainability	Helsinki, Finland	2

				strategy		
E1.3	UH, ONU, TSNUK, YSU, UCPH, BioArt	CLUVEX project final meeting	Meeting / workshop	Overview of the CLUVEX project results for the consortium members and VE trained staff	online/ virtual	2
E3.1.	TSNUK, UH, ONU, YSU, UCPH, BioArt	Virtual Exchange Trainings (for teachers, facilitators, administrators, IT-staff) in WP-3 on Staff Training	A series of trainings in online/hybrid mode (at each CLUVEX University the participants are meeting at the same location)	Training and skills on Virtual Exchange setting-up and integration into curricula, climate literacy for Climate Messengers, digital co-creation for Earth science students	online/ virtual	3
E4.1	UCPH, UH, ONU, TSNUK, YSU, BioArt	VE Introductory Meetings (for students) in WP-4 on Implementation for VE	A series (5) of Virtual Exchange Weeks online for students of the CLUVEX Universities as well as Europe and and Neighborhood countries	Knowledge transfer of climate on-line education to students	online/ virtual	5

10. ACTION PLAN AND DISSEMINATION TO COVER ALL MAJOR PROJECT AREAS

Deliverable D1.1 – CLUVEX project e-platform

Deliverable Number	D1.1	Lead Beneficiary	1. UH
Deliverable Name	CLUVEX project e-platform		
Type	DEC — Websites, patent filings, videos, etc	Dissemination Level	PU - Public
Due Date (month)	2	Work Package No	WP1
Description			
Website (public and intranet) in English will be made in collaboration with WP5			

Deliverable D1.2 – Project meetings and reports, financial and contractual tasks

Deliverable Number	D1.2	Lead Beneficiary	1. UH
Deliverable Name	Project meetings and reports, financial and contractual tasks		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	36	Work Package No	WP1
Description			
Minutes of kick-off, midterm and final meetings (English), project reports, Consortium Agreement			
Due date: periodic M06, M12, M18, M26, M34, M36			

Deliverable D1.3 – CLUVEX Monitoring Strategy & Quality Assurance Plan and Reports on quality assurance

Deliverable Number	D1.3	Lead Beneficiary	1. UH
Deliverable Name	CLUVEX Monitoring Strategy & Quality Assurance Plan and Reports on quality assurance		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	36	Work Package No	WP1
Description			
QA Plan and measures determined in the Monitoring & QA Plan with regular updates			

Deliverable D2.1 – Virtual Exchange Guidebook (VEG)

Deliverable Number	D2.1	Lead Beneficiary	2. ONU/OSENU ¹
Deliverable Name	Virtual Exchange Guidebook (VEG)		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	6	Work Package No	WP2

Description

Format: digital (pdf) Language: EN, Partners national Volume: at least 20 pages

Deliverable D2.2 – Climate Literacy Guidebook (CLG)

Deliverable Number	D2.2	Lead Beneficiary	2. ONU/OSENU
Deliverable Name	Climate Literacy Guidebook (CLG)		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	9	Work Package No	WP2

Description

Format: digital (pdf) Language: EN, Partners national Volume: at least 20 pages

Deliverable D2.3 – Climate Messenger Code of Conduct (CMC)

Deliverable Number	D2.3	Lead Beneficiary	2. ONU/OSENU
Deliverable Name	Climate Messenger Code of Conduct (CMC)		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	9	Work Package No	WP2

Description

Format: digital (pdf) Language: EN, Partners national Volume: at least 20 pages

Deliverable D2.4 – Training programs/ syllabi

Deliverable Number	D2.4	Lead Beneficiary	2. ONU/OSENU
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¹ In 2024, OSENU was merged by ONU, and since autumn 2024, ONU has been participating in the project.

Deliverable Name	Training programs/ syllabi		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	12	Work Package No	WP2

Description
Online, EN

Deliverable D2.5 – e-Living Annex to the Virtual Exchange Guidebook

Deliverable Number	D2.5	Lead Beneficiary	2. ONU/OSENU
Deliverable Name	e-Living Annex to the Virtual Exchange Guidebook		
Type	DEM — Demonstrator, pilot, prototype	Dissemination Level	PU - Public
Due Date (month)	18	Work Package No	WP2

Description
Online, EN

Deliverable D3.1 – Set of online tutorials/ recordings for the CLUVEX trainings and course modules

Deliverable Number	D3.1	Lead Beneficiary	3. TSNUK
Deliverable Name	Set of online tutorials/ recordings for the CLUVEX trainings and course modules		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	18	Work Package No	WP3

Description
Online, EN

Deliverable D3.2 – Online tutorial on soft-skills development and digital didactics for VE learning

Deliverable Number	D3.2	Lead Beneficiary	3. TSNUK
Deliverable Name	Online tutorial on soft-skills development and digital didactics for VE learning		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	24	Work Package No	WP3

Description
Electronic format, EN/ Partners languages, 20 pages

Deliverable D4.1 – Initial test of the Climate University’s pilot course

Deliverable Number	D4.1	Lead Beneficiary	1. UH
Deliverable Name	Initial test of the Climate University’s pilot course		
Type	DEM — Demonstrator, pilot, prototype	Dissemination Level	PU - Public
Due Date (month)	18	Work Package No	WP4

Description
a unit of measurement: number of students participated passed the online course(s) and tailored VE exercises having “Climate Messenger” certificate

Deliverable D4.2 – Participation of CLUVEX partner universities’ students to VE & Climate University course

Deliverable Number	D4.2	Lead Beneficiary	2. ONU/OSENU
Deliverable Name	Participation of CLUVEX partner universities’ students to VE & Climate University course		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	30	Work Package No	WP4

Description
a unit of measurement: number of students participated passed the online course(s) and tailored VE exercises having “Climate Messenger” certificate

Deliverable D4.3 – CLUVEX best VE practices

Deliverable Number	D4.3	Lead Beneficiary	5. UCPH
Deliverable Name	CLUVEX best VE practices		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	36	Work Package No	WP4

Description

Description e.g., number of countries, networks involved

Deliverable D5.1 – Dissemination strategy (public and internal) with Brand-book and dissemination materials as an annex

Deliverable Number	D5.1	Lead Beneficiary	2. ONU/OSENU
Deliverable Name	Dissemination strategy (public and internal) with Brandbook and dissemination materials as an annex		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	36	Work Package No	WP5

Description

Dissemination Strategy Format: online (pdf), available on the Internal Communication e- Platform Brandbook is annex to the Dissemination Strategy, includes logo, colour scheme, templates Language: English, volume: at least 15 pages (Strategy) + links to templates, presentations, logo, etc Dissemination Materials Format digital: info posters, banners, visual imagery, audio (interviews, jingle, ringtone) physical (analogue): badges, T-shirts, hoodies, notebooks, pens, etc. Language: EN/ Partners languages

Deliverable D5.2 – Sustainability strategy

Deliverable Number	D5.2	Lead Beneficiary	4. YSU
Deliverable Name	Sustainability strategy		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	33	Work Package No	WP5

Description

Format: digital (pdf) Language: English Volume: at least 30 pages

11. REPORTING OF THE ACTIVITIES

Report Number	End of Project month
1	Month 6
2	Month 12
3	Month 18
4	Month 24
5	Month 30
6	Month 36

Assessment of Dissemination Activities will be based on the Dissemination Reports and Project indicators addressed

12. MONITORING OF DISSEMINATION ACTIVITIES AND INDICATORS

The communication indicators, which are easily identifiable and put into numbers, will be regularly monitored and assessed.

In this respect, the following data will be collected:

1. How many participants were there at the events?
2. How many promotional materials were delivered, and to which target audience(s)?
3. How many media (all types of media) advertisements/communications have been performed?
4. How many measures for interaction with the expert public (articles, scientific conferences, etc.) have been performed?
5. How many journalists participated at the events?
6. How many articles have been published?

WP Leader: Yerevan State University (YSU), Republic of Armenia

Dissemination activities aim to communicate project activities, outcomes, and results among the project partners, but more importantly, to the target population and the general public. Additionally, through planned activities of dissemination, exploitation, and awareness-raising, we will ensure that the potential of the activities and public awareness about the CLUVEX are maximised, and that the results are used during and beyond the lifetime of the project.

The WP leader – YSU is responsible for updating different channels; however, as the whole consortium participates in the activities, all partners are responsible for:

- Sending necessary information/reports/updates that need to be disseminated as listed in the table below.
- Initiate promotion of the project through participation in media, TV, Radio events

- Share and promote, activities results, newsletters among their contacts via e-mails, HEIs' websites, and social media channels.
- Follow EACEA guidelines for dissemination material (e.g., logos etc)
- Follow EACEA guidelines for the dissemination of project results through the Agency's platform (e.g., beneficiary space)

13. ANNEXES

1. CLUVEX Brandbook
2. Digital Dissemination Materials

Annex 1: CLUVEX Brandbook

This Brandbook provides the visual identity and communication guidelines for the CLUVEX project. The purpose of this document is to provide a unified visual identity system for all CLUVEX dissemination and communication activities. The guidelines support coherent presentation of the project across reports, social media, and public outreach activities.

The CLUVEX visual identity reflects the project's scientific, collaborative, and international character. The visual system combines clarity, accessibility, and recognisability across dissemination materials.

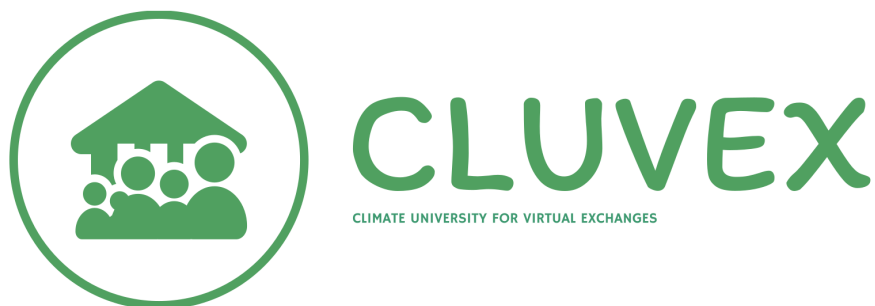
This Brandbook supports coherent dissemination and communication throughout the CLUVEX project lifecycle. The document provides practical guidance for all consortium partners and contributes to consistent project visibility across dissemination channels.

Logo Usage

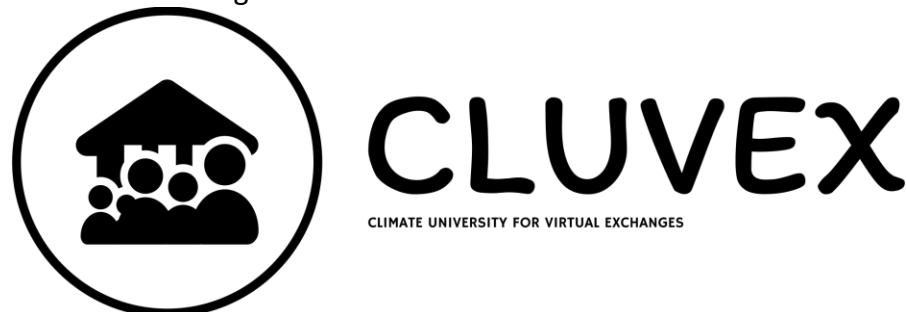
The official CLUVEX logo shall be used in all project dissemination and communication materials. The following principles apply:

- Do not distort the logo.
- Maintain sufficient clear space around the logo.
- Use high-contrast backgrounds.
- Do not alter logo colours or typography.

The following logos have been designed and approved.



CLUVEX colour logo



CLUVEX logo (black on transparent background)



CLUVEX

CLIMATE UNIVERSITY FOR VIRTUAL EXCHANGES

CLUVEX logo (black on white background)



CLUVEX

CLIMATE UNIVERSITY FOR VIRTUAL EXCHANGES

CLUVEX logo (colour on transparent background)



CLUVEX

CLIMATE UNIVERSITY FOR VIRTUAL EXCHANGES

CLUVEX logo (white on black background)



CLUVEX

CLIMATE UNIVERSITY FOR VIRTUAL EXCHANGES

CLUVEX logo (white on transparent background)

In addition, the following favicons have been designed and approved.



CLUVEX website black favicon



CLUVEX website green favicon

The Partners agreed to use the following logo versions.



Logo Versions



Primary

CLUVEX

Wordmark Only



Icon

Colours



Primary

Hex #50A060
RGB rgb(80,160,96)
CMYK 50 0 40 37
Pantone 16-6339



Secondary

Hex #3d9970
RGB rgb(61,153,112)
CMYK 60 0 27 40
Pantone 16-5930



Accent

Hex #50A060
RGB rgb(80,160,96)
CMYK 50 0 40 37
Pantone 16-6339

Background

Hex #FFFFFF
RGB rgb(255,255,255)
CMYK 0 0 0 0
Pantone 11-0601

Typography

Primary
Itim Regular

Aa Bb Cc

Made by LOGO.com

All dissemination materials shall comply with Erasmus+ and European Union visibility requirements. The EU emblem and the funding acknowledgement statement shall be displayed in all official project outputs.



Recommended disclaimer:

“Funded by the European Union. Views and opinions expressed are however, those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.”

Partners' Logos

Partner logos shall be displayed consistently across dissemination materials. Equal visibility should be ensured for all consortium members. The placement of partner logos should remain consistent in presentations, reports, event materials, and website communication.



Other visuals to be used in dissemination materials



Accessibility

The consortium is encouraged to apply accessible communication practices, including readable contrast levels, clear typography, and alternative text in national languages if possible.

Templates

The designed official CLUVEX templates shall be used for reporting in the deliverables.

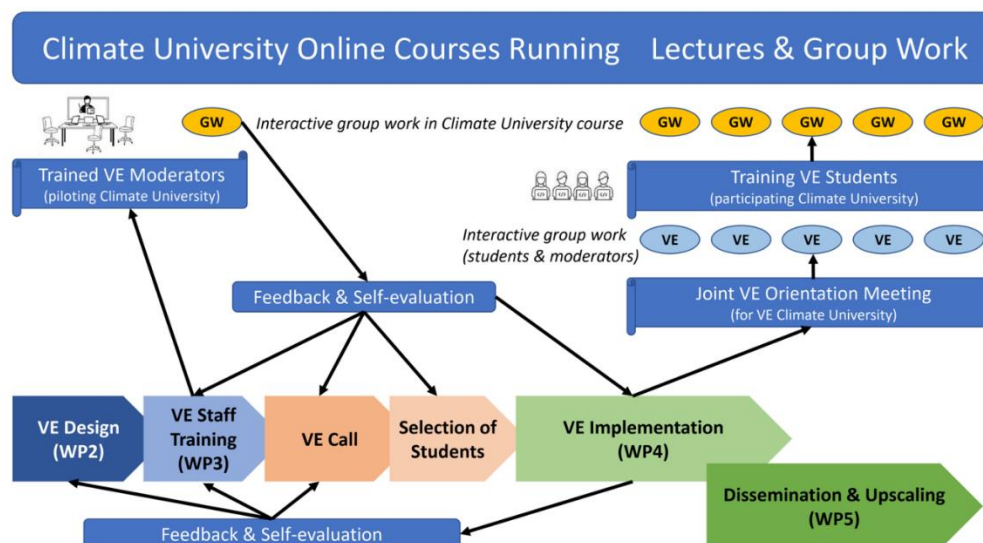
 Title of the Report/Deliverable INSERT FIGURE/PHOTO Subtitle of the Report Version #.0 ERASMUS+ CLUVEX Project Number 101111959 Work Package 0# Deliverable #.# DD Month Year  Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.	This document is the # version (DD Month Year) of the Title of the report/deliverable & Subtitle of the report/deliverable. It summarises the ... add text here ... The document has been written and updated by the CLUVEX teams of the University of Helsinki (UH, Finland), University of Copenhagen (UCPH, Denmark), Odessa I.I. Mechnikov National University (ONU, Ukraine), Taras Shevchenko National University of Kyiv (TSNUK, Ukraine), Yerevan State University (YSU, Armenia), and the Bioart Society, Finland. Lead Editors (1st version): Name Surname, Affiliation & Name Surname, Affiliation Contributors to this document: University of Helsinki, Institute for Atmospheric and Earth System Research (UH-INAR) Hanna Lappalainen, Alexander Mahura, Laura Riittanen, Julia Karhumaa, Aleksi Vauhkonen, Sini Backström, Mikko Kulmala, Alla Borisova, ??? Odessa I.I. Mechnikov National University (ONU) Inna Khomenko, Valeriya Ochcharuk, Natalia Kriuchkova, Natallia Bulat, ??? Taras Shevchenko National University of Kyiv (TSNUK) Olga Shevchenko, Andrii Gozhlyk, Sergii Zapototskyi, Sergiy Snizhko, ??? Yerevan State University (YSU) Alexander Markarov, Arsen Aprozan, Hasmik Movsesyan, Karen Chazaryan, ??? University of Copenhagen (UCPH) Alexander Baklanov, Roman Nuterman, Maher Sahyoun, Lukas Hjelmer, ??? Bioart Society Yvonne Billimore, Elisä Suvanto, ??? 1																
Table of Contents Contents <table><tr><td>1. INTRODUCTION</td><td>3</td></tr><tr><td>2. Title of the chapter</td><td>3</td></tr><tr><td>2.1. Sub-chapter title</td><td>3</td></tr><tr><td>2.2. Sub-chapter title</td><td>3</td></tr><tr><td>3. Title of chapter</td><td>3</td></tr><tr><td>3.1. Sub-chapter title</td><td>3</td></tr><tr><td>3.2. Sub-chapter title</td><td>3</td></tr><tr><td>4. Conclusion</td><td>3</td></tr></table> 2	1. INTRODUCTION	3	2. Title of the chapter	3	2.1. Sub-chapter title	3	2.2. Sub-chapter title	3	3. Title of chapter	3	3.1. Sub-chapter title	3	3.2. Sub-chapter title	3	4. Conclusion	3	1. INTRODUCTION The ... add text here ... 2. Title of the chapter 2.1. Sub-chapter title The ... add text here ... 2.2. Sub-chapter title The ... add text here ... 3. Title of chapter 3.1. Sub-chapter title The ... add text here ... 3.2. Sub-chapter title The ... add text here ... 4. Conclusion The ... add text here ... 3
1. INTRODUCTION	3																
2. Title of the chapter	3																
2.1. Sub-chapter title	3																
2.2. Sub-chapter title	3																
3. Title of chapter	3																
3.1. Sub-chapter title	3																
3.2. Sub-chapter title	3																
4. Conclusion	3																

Annex 2: Digital Dissemination Materials

Using the agreed brand assets, the partners developed the following dissemination project materials. See also CLUVEX materials at: https://www.atm.helsinki.fi/cluvex/?page_id=119

(*) CLUVEX project stages in workflow for Virtual Exchanges (VE):

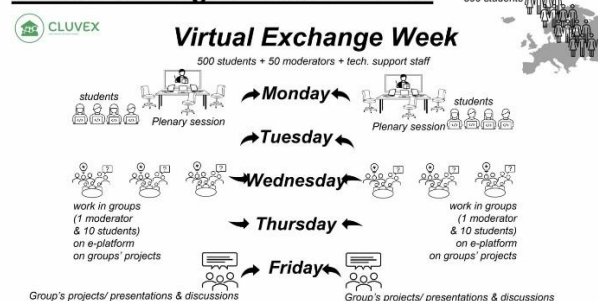
<https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2023/11/CLUVEX-lecture-and-group-work.png>



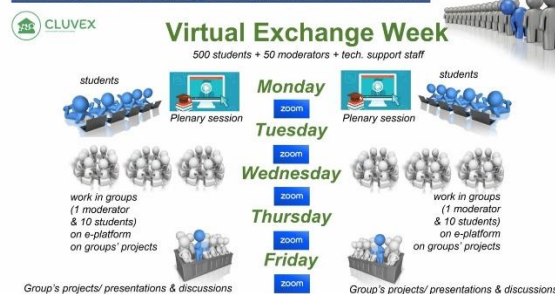
(*) CLUVEX Virtual Exchange Weeks for students (black-white; colour) – available at:

https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2025/01/CLUVEX_VEWeek_bw-scaled.jpg (black and white) and https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2025/01/CLUVEX_VEWeek_color-scaled.jpg (colour)

Virtual Exchange Call for students



Virtual Exchange Call for students



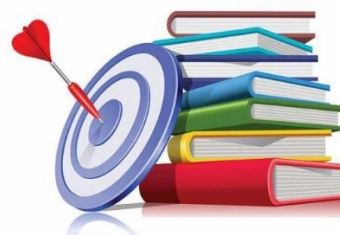
(*) Virtual Exchange Week – Earned Bonuses for Students – available at:
https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2025/01/CLUVEX_VEWeek_Earned-Bonuses-for-Students-scaled.jpg

VE Week – Earned Bonuses for Students



Students awarded the following:

- 1 ECTS credit by University of Helsinki
- CLUVEX Certificate
- Status of Climate Messenger
- Welcome to Climate University Online Courses



(*) CLUVEX leaflet

CLUVEX leaflet in English-Ukrainian – available at: https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2025/02/CLUVEX_Leaflet_EN_UA_Optimized.pdf
 front page ([pdf](#)), ([jpg](#)); back page ([pdf](#)), ([jpg](#))



CLUVEX leaflet in English-Armenian – available at: https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2026/06/CLUVEX_Leaflet_EN_AM_Optimized.pdf
 front page ([pdf](#)), ([jpg](#)); back page ([pdf](#)), ([jpg](#))



(*) CLUVEX Banner

CLUVEX banner in English
([pdf](#)), ([jpg](#))

CLUVEX banner in Ukrainian
([pdf](#)), ([jpg](#))

CLUVEX banner in Armenian
([pdf](#)), ([jpg](#))



(*) CLUVEX Poster



CLUVEX poster in English
([pdf](#)), ([jpg](#))



CLUVEX poster in Ukrainian
([pdf](#)), ([jpg](#))



CLUVEX poster in Armenian
([pdf](#)), ([jpg](#))

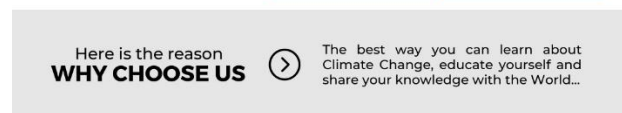


(*) CLUVEX leaflet ([pdf](#))

CLUVEX leaflet – front page



CLUVEX leaflet – back page



<https://www.atm.helsinki.fi/cluvex/>

Funded by the European Union



(*) CLUVEX project general overview – available at: https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2023/11/CLUVEX_general.pdf



Climate University for Virtual Exchanges – CLUVEX – EU Programme Erasmus+



Co-funded by the
European Union

CLUVEX

CLIMATE
UNIVERSITY

CLUVEX: General Aim

- to bridge students from European and Neighborhood East universities
- to engage students with climate competences and green agenda together with interdisciplinary, green and soft skills
- to educate 500 students in 1 Virtual Exchange (VE) Week (5 VE Weeks in total)
- to educate altogether 2500 students as Climate Messengers in 3 years



Co-funded by the
European Union

CLUVEX

CLIMATE
UNIVERSITY

CLUVEX: Climate University Online Courses

Students (BSc, MSc, PhD, PostDocs) who participated in CLUVEX VE Weeks and became the **Climate Messengers** are encouraged to take the Climate University online courses



Co-funded by the
European Union

CLUVEX

CLIMATE
UNIVERSITY



CLUVEX: Basic Info & Partners/ Teams

Action Type: Virtual Exchanges in Higher Education and Youth
Key Action: Learning Mobility of Individuals
Project Number: 101111959
EU Grant: 474.359 €
Project duration: 1 Jul 2023 – 30 Jun 2026
Coordinator: Dr. Hanna K. Lappalainen, hanna.k.lappalainen@helsinki.fi
University of Helsinki, Institute for Atmospheric and Earth System Research
Website: <https://www.atm.helsinki.fi/cluvex>
Partners:

- UH – University of Helsinki, Finland
- OSENU – Odessa State Environmental University, Ukraine
- TSNUK – Taras Shevchenko National University of Kyiv, Ukraine
- YSU – Yerevan State University, Armenia
- UCPh – University of Copenhagen, Denmark
- BioArt – Bioart Society, Finland



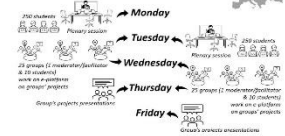
CLUVEX: Virtual Exchange (VE) Calls & Weeks

MAIN ACTIVITY

- Announce 5 VE Calls and organize interactive online workshops/ trainings called “VE Weeks” (1 credit point) in 2024-2026
- VE Weeks will take place in Zoom with plenary session(s) and small groups discussing specific topics of climate change e.g., exercises
- Small groups are guided by educated CLUVEX moderators/ facilitators



Virtual Exchange Week



Co-funded by the
European Union

CLUVEX

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UNIVERSITY

CLUVEX: Dissemination, Upscaling, Networking

Dissemination and Upscaling

- International Assoc. of Meteorological Education & Sciences
- Air Pollution in the Arctic: Climate, Environment and Societies
- WMO Network of Regional Training Centers
- Pan-Eurasian Experiment
- Digital Belt and Road Program
- Copenhagen Science City



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European Union

CLUVEX

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International Network

- UNA Europa
- UArctic Network of Universities
- Nordic University Teachers Network
- Climate University Network in Finland
- Black Sea Universities Network
- INTENSE International Doctoral School Network

(*) CLUVEX project overview (last version) – available at:

https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2025/11/poster_CLUVEXUNAVEX_ACCC-FASN-2025_vd1.pdf



H.K. LAPPALAINEN, A. MAHURA, J. KARHUMAA,
A. VAUHKONEN, S. BÄCKSTRÖM, L. RIUTTANEN
& ERASMUS+ CLUVEX AND UnaVEx TEAMS

In sumup, Partners from Europe (Belgium, Denmark, Finland, Italy), Africa (South Africa, Kenya, Democratic Republic of Congo), Armenia, and Ukraine, plus, 16 Associated Members/Partners

CLUVEX & UNAVEX VES AS A TOOL FOR EDUCATION OF YOUNG GENERATION

Contacts: [hanna.k.lappalainen\(at\)helsinki.fi](mailto:hanna.k.lappalainen(at)helsinki.fi) & [laura.riuttanen\(at\)helsinki.fi](mailto:laura.riuttanen(at)helsinki.fi)

<https://www.atm.helsinki.fi/cluvex> <https://www.atm.helsinki.fi/unavex> <https://climateuniversity.fi>

Climate Messengers | Global Sustainability Advocates | Online Learning



JOIN US ! IF YOU WOULD LIKE

- ✓ to educate yourself as a Virtual Exchange (VE) moderator
- ✓ to participate in the development of the methods and concept of VE
- ✓ to participate in VE as a student and become a **Messenger** or an **Advocate**



Online Learning - the Future of Education?

- Concept of traditional education is changing (COVID-19 !)
- Being physically present in classroom isn't the only learning option anymore - not with the rise of the internet and new technologies, at least
- Online learning - access to a quality education whenever and wherever you want, as long as you can get online
- Challenges of distance learning can be little interaction!
- Virtual Exchange (VE) is a tool to increase interaction in distance education!

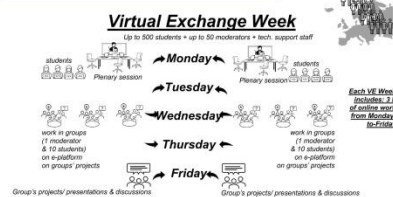


General Aims: CLUVEX & UnaVEx

- to design Virtual Exchange (VE) concept for climate change & for sustainability education
- to bridge students from European, Neighborhood East, and African universities;
- to engage and educate students with competencies in climate and green agenda together with interdisciplinary, green and soft skills & sustainability
- to train moderators for climate change & for sustainability education
- to educate up to 500 students in each 1 VE Week (5 VE Weeks in total, per project)
- to educate altogether 2500 & 2500 students as the "Climate Messengers" & the "Global Sustainability Advocates" in 3 years
- to upscale VE concept to various networks and partnerships internationally



Virtual Exchange Call for Students



CLUVEX & UnaVEx Virtual Exchanges



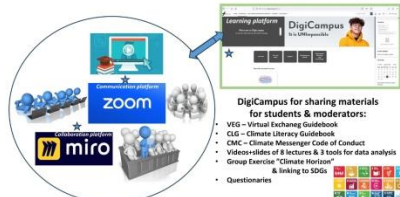
CLUVEX

1st VE Week
(14-18 Oct 2024)
2nd VE Week
(12-16 May 2025)
3rd VE Week
(6-10 Oct 2025)
4th VE Week
(23-27 Feb 2026)
5th VE Week
(20-24 Apr 2026)

UnaVEx

1st VE Week
(24 Feb - 28 Mar 2025)
2nd VE Week
(13 Nov - 11 Dec 2025)

Learning + Communication + Collaboration Platforms



Students (Participants of VE Weeks) Awarded:

- 1 & 1 ECTS credits issued by University of Helsinki / Open University
- CLUVEX & UnaVEx Certificate
- Status of Climate Messenger & Global Sustainability Advocate
- Welcome to Online Courses of Climate University & Una Europa and Climate University

Welcome to Climate University (CU) Online Courses

Students (BSc, MSc, PhD, PostDocs) who participated in CLUVEX VE Weeks and became the Climate Messengers

are also encouraged to take the Climate University online courses



Welcome to Una Europa & CU Online Courses

Students (BSc, MSc, PhD, PostDocs) who participated in UnaVEx VE Weeks and became the Global Sustainability Advocates

are also encouraged to take the Una Europa & CU online courses

Building on the Una Europa Micro-credential in Sustainability



This work is supported by the EU funded Erasmus+ projects: CLUVEX (No 101111959) and UnaVEx (No101139159).

(*) 1st Virtual Exchange Week for students (14-18 October 2024)

Videoclip 1 - https://drive.google.com/file/d/1AQ15_r6K_vurnis6pHQ6Sb9IL7QyH8Vq/view

Videoclip 2 - <https://drive.google.com/file/d/153YMRH93hICH5OBs2Pbpvfm8gnwjDxk/view>

(*) Calls for Moderators

Call for Moderators: Autumn 2024 (only from CLUVEX Partners), Spring 2025 ([pdf](#)), Autumn 2025 ([pdf](#)), Winter 2026 ([pdf](#)), Spring 2026 ([pdf](#))

For example: Spring 2026 – available at: https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2026/03/Announcement_Spring_2026_5th_VEWeek-for-moderators.pdf



Join the Moderators' Training Program for CLUVEX VIRTUAL EXCHANGE (VE) WEEK

The University of Helsinki coordinates the EU Erasmus+ project "Climate University for Virtual Exchanges" (CLUVEX; 2023-2026; <https://www.atm.helsinki.fi/cluvex>), as a part of Climate University (CU) at the University of Helsinki. CLUVEX organizes an interactive online VE Week (with 3 h per day) on Climate Change and Sustainability Science topics for students from European and Eastern European universities mainly from Finland, Denmark, Ukraine, and Armenia.

The next CLUVEX VE Week is organized in online sessions (3 h per day) during 20-24 April 2026, starting at 14:00 PM (Helsinki time, UTC+3). During the VE Week, we will introduce and discuss the latest scientific knowledge on climate change from multidisciplinary perspectives, from natural and social sciences and the arts. VE Weeks are organized in Zoom with up to 500 students. The daily online meetings consist of a series of lectures, demonstrations of the tools for climate related data analysis, discussions and workshoping on individual and collaborative Climate Horizon exercises in small groups of up to 10 students and a designated moderator. The moderator's central role is to facilitate and guide the international and interdisciplinary interactions, workshoping, and learning online in small groups.

Participating in training for moderators & acting as moderators during VE Week as you will:

- get an internship certificate related to your studies;
- get 3 ECTS credits, issued by the Open University at the University of Helsinki;
- get a possibility to attend online the Climate University selected courses;
- hone your online interaction, pedagogy and language skills in international environment;
- increase your contacts with the CLUVEX network and universities.

Moderators' Trainings online events (all starting at 14:00 EET/Helsinki time) in Zoom:

TR1 – 30 Mar 2026 – Intro. to CLUVEX project, day-by-day programme, DigiCampus

TR2 – 8 Apr 2026 – Intro. to Climate Horizon exercise, web-based tools for climate data analysis

TR3 – 13 Apr 2026 – Orientation for the 5th VE Week, questions/ answers

The training includes these 3 online events & independent study of materials in DigiCampus area for moderators.

Register for trainings here: <https://elomake.helsinki.fi/omakeet/139443/omake.html>

Registration deadline is 27 March 2026

After filling in the application form, you will receive email instructions on joining the VE Week/ course on the [DigiCampus](#) online learning platform.

More information about Virtual Exchange: <https://www.atm.helsinki.fi/cluvex>

Contact person: [julia.karhumaa\[at\]helsinki.fi](mailto:julia.karhumaa[at]helsinki.fi)

Programme of the Virtual Exchange Week

All times are given in EET (i.e., in Finnish time)

◆ 1st Day: 20 April 2026 (14:00 – 17:00, 3h online)

14:00 – Welcoming words from the Hosts
Introduction into CLUVEX project & Virtual Exchange (Hanna K. Lappalainen, UH)
L8: Towards Sustainable Future Utopia (Antti Rajala, UH)
L5: Impacts of Climate Change and Future Outlook (Hasmik Movsesyan, YSU)
L2: Climate Change, Disasters, Carbon Neutrality and UN SDGs (Alexander Baklanov, UCPH)
L7: Artistic Res. & Critical Thinking at Intersection of Art, Science & Society (Yvonne Billimore, BioArt)
Introduction into Climate Horizon exercise (Julia Karhumaa, Laura Riittanen, UH)
15:45 – Breaking students into groups & Introduction round in groups & pre-task sharing (1+ hour)
17:00 – End of the day

◆ 2nd Day: 21 April 2026 (14:00 – 17:00, 3h online)

14:00 – L1: Navigating Planetary Boundaries: Blueprint for Sustainable Future (Inna Khomenko, ONU)
L3: Climate Change Impact on Water Resources (Sergiy Snizhko & Olga Shevchenko, TSNUK)
L4: Nature Hazards – Floods (Valeriya Ovcharuk, ONU)
Tool for Environment and Data Visualization | Past & Present | (Alexander Mahura, UH)
Detailed Introduction into Climate Horizon exercise (Julia Karhumaa, Laura Riittanen, UH)
15:30 – Breaking into same groups & working with tool and individual Climate Horizon (1.5 hour)
17:00 – End of the day

◆ 3rd Day: 22 April 2026 (14:00 – 17:00, 3h online)

14:00 – L6: Climate Change: Mitigation and Adaptation Strategies (Hasmik Movsesyan, YSU)
Tool for Socio-Economic Drivers of Climate Change | Past & Future | (Stefan Fronzek, SYKE)
Detailed Introduction into Climate Horizon exercise (Julia Karhumaa, Laura Riittanen, UH)
14:30 – Breaking into same small groups & working with tool and individual Climate Horizon (2.5 hour)
17:00 – End of the day

◆ 4th Day: 23 April 2026 (14:00 – 17:00, 3h online)

14:00 – Tool for Climate Scenarios | Future | (Risto Makkonen, FM/UH)
Detailed Introduction into Climate Horizon exercise (Julia Karhumaa, Laura Riittanen, UH)
14:30 – Breaking into same groups & working with tool and individual Climate Horizon & discussing and drafting collaborative Climate Horizon (2.5 hour)
17:00 – End of the day

◆ 5th Day: 24 April 2026 (14:00 – 17:00, 3h online)

14:00 – Breaking into same small groups & working/ finalizing collaborative Climate Horizon (2 hour)
16:00 – Summary by Hosts, demonstration for all groups the collaborative Climate Horizon exercises
Questionnaire with feedback about VE Week
Reminders about Climate University online courses & reports in DigiCampus & ECTS credits
Wrap up & closing the VE Week
17:00 – End of the day | End of the Virtual Exchange Week for students



(*) Calls for Students

Call for Students: Autumn 2024 ([pdf](#)), Spring 2025 ([pdf](#)), Autumn 2025 ([pdf](#)), Winter 2026 ([pdf](#)), Spring 2026 ([pdf](#))

For example: Spring 2026 – available at: https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2026/03/Announcement_Spring_2026_5th_VEWeek-for-students.pdf



ANNOUNCEMENT: VIRTUAL EXCHANGE WEEK (VE Week) FOR STUDENTS

CLUVEX VIRTUAL EXCHANGE (1 ECTS) 20–24 April 2026

Climate University for Virtual Exchanges (CLUVEX;) is an international multidisciplinary online course. CLUVEX introduces and discusses the latest scientific knowledge on climate change from multidisciplinary perspectives: natural sciences, social sciences and the arts.

The virtual exchange (VE) is a great opportunity to experiment interacting in an international environment - especially if you have considered applying for a traditional student exchange. Participating in the VE Week does not require an advanced knowledge base in natural sciences. More important is to be interested in climate change-related issues and workshoping in an international team. The VE Week is open to students of all fields coming from Europe and Neighbourhood East countries.

During the virtual exchange, you will work in small international groups of like-minded students (up to 10 students + 1 moderator). A central part of the virtual exchange is a *Climate Horizon* exercise, framed by interdisciplinary and intercultural discussions on climate change. You will work online on the exercise individually and in your groups. CLUVEX welcomes students from learning institutions in the Europe and Neighbourhood East countries.

WHEN: 20–24 April 2026, from 14:00 to 17:00 (EET, Helsinki time)

PLACE: Online in Zoom

COMPLETION METHOD: online participation on each day (3h per day) and a final report.

AWARD: 1 ECTS credit issued by the University of Helsinki & Climate Messenger Certificate issued by the CLUVEX project.

Register here:

<https://olomake.helsinki.fi/olomake/139463/fo-make.html>

REGISTRATION DEADLINE: 10 April 2026

VE WEEK: course code ATM398 at the University of Helsinki

WHO CAN APPLY: BSc, MSc, PhD, PostDoc students

MAX CAPACITY: up to 500 students

LANGUAGE: English

COST: no fee

MORE INFORMATION:

<https://www.atm.helsinki.fi/cluvex>

CONTACT INFORMATION:

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Yerevan State University (YSU), Armenia:

[a.aproyan\[at\]ysu.am](mailto:a.aproyan[at]ysu.am)



Programme of the Virtual Exchange Week

All times are given in EET (i.e., in Finnish time)

1st Day: 20 April 2026 (14:00 – 17:00, 3h online)

14:00 – Welcoming words from the Hosts

Introduction into CLUVEX project & Virtual Exchange (Hanna K. Lappalainen, UH)

L8: Towards Sustainable Future Utopia (Antti Rajala, UH)

L5: Impacts of Climate Change and Future Outlook (Hasmik Movsesyan, YSU)

L2: Climate Change, Disasters, Carbon Neutrality and UN SDGs (Aleksander Baklanov, UCPH)

L7: Artistic Res. & Critical Thinking at Intersection of Art, Science & Society (Yvonne Billmore, BioArt)

Introduction into Climate Horizon exercise (Julia Karhumaa, Laura Riittanen, UH)

15:45 – Breaking students into groups & introduction round in groups & pre-task sharing (1+ hour)

17:00 – End of the day

2nd Day: 21 April 2026 (14:00 – 17:00, 3h online)

14:00 – L1: Navigating Planetary Boundaries: Blueprint for Sustainable Future (Inna Khomenko, ONU)

L3: Climate Change Impact on Water Resources (Sergiy Snizhko & Olga Shevchenko, TSNUK)

L4: Nature Hazards – Floods (Valeriya Ovcharuk, ONU)

Tool for Environment and Data Visualization | Past & Present | (Alexander Mahura, UH)

Detailed Introduction into Climate Horizon exercise (Julia Karhumaa, Laura Riittanen, UH)

15:30 – Breaking into same groups & working with tool and individual Climate Horizon (1.5 hour)

17:00 – End of the day

3rd Day: 22 April 2026 (14:00 – 17:00, 3h online)

14:00 – L6: Climate Change: Mitigation and Adaptation Strategies (Hasmik Movsesyan, YSU)

Tool for Socio-Economic Drivers of Climate Change | Past & Future | (Stefan Fronzek, SYKE)

Detailed Introduction into Climate Horizon exercise (Julia Karhumaa, Laura Riittanen, UH)

14:30 – Breaking into same small groups & working with tool and individual Climate Horizon (2.5 hour)

17:00 – End of the day

4th Day: 23 April 2026 (14:00 – 17:00, 3h online)

14:00 – Tool for Climate Scenarios | Future | (Risto Mäkelä, FM/IIH)

Detailed Introduction into Climate Horizon exercise (Julia Karhumaa, Laura Riittanen, UH)

14:30 – Breaking into same groups & working with tool and individual Climate Horizon & discussing and drafting collaborative Climate Horizon (2.5 hour)

17:00 – End of the day

5th Day: 24 April 2026 (14:00 – 17:00, 3h online)

14:00 – Breaking into same small groups & working/ finalizing collaborative Climate Horizon (2 hour)

16:00 – Summary by Hosts, demonstration for all groups the collaborative Climate Horizon exercises

Questionnaire with feedback about VE Week

Reminders about Climate University online courses & reports in DigiCampus & ECTS credits

Wrap up & closing the VE Week

17:00 – End of the day | End of the Virtual Exchange Week for students



(*) Virtual Exchange Weeks for students – available at: https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2026/05/CLUVEX_Tr1_Programme_5thVEWeek_vf1.pdf

(slides in rows of two, from the left to the right)



CLimate Uiversity for VIRTUAL EXchanges – CLUVEX –

CLUVEX: Virtual Exchange Weeks for Students

by CLUVEX Teams



CLUVEX: Basic Info & Partners/ Teams

Action Type: Virtual Exchanges in Higher Education and Youth

Key Action: Learning Mobility of Individuals

Project #: 101111959

EU Grant: 474.359 €

Duration: 1 Jul 2023 – 30 Jun 2026

Coordinator: Dr. Hanna K. Lappalainen, hanna.k.lappalainen@helsinki.fi

University of Helsinki, UH-INAR

<https://www.atm.helsinki.fi/cluvex>

Website:

Partners:

- UH – University of Helsinki, Finland
- OSENU – Odessa State Environmental University, Ukraine
- TSNUK – Taras Shevchenko National University of Kyiv, Ukraine
- YSU – Yerevan State University, Armenia
- UCPH – University of Copenhagen, Denmark
- BioArt – Bioart Society, Finland



Outline:

- CLUVEX project: Basic info & Partners/Teams & Staff & Aim
- Online Learning – Future of Education?
- CLUVEX stages in workflow for VEs & Dissemination, Upscaling, Networking
- Virtual Exchange (VE) Week for students – approach
- Outlined programme – Days 1-5 (Mon-Fri)
- Preparatory materials (VEG, CLG, CMC) – pre-task
- Lectures (1-8)
- Tools (1-3)
- Work in groups on “Climate Horizon” Exercise
- Learning outcomes
- Earned bonuses for students
- Welcome to Climate University Online Courses
- What you will earn/ have



CLUVEX: Project Staff Members



Full list of CLUVEX participants: https://www.atm.helsinki.fi/cluvex/?page_id=45



CLUVEX: General Aim

- to bridge students from European and Neighborhood East universities;
- to engage students with climate competences and green agenda together with interdisciplinary, green and soft skills;
- to educate 500 students in 1 Virtual Exchange (VE) Week (5 VE Weeks in total)
- to educate altogether 2500 students as Climate Messengers in 3 years



Co-funded by the
European Union



Online Learning - the Future of Education?

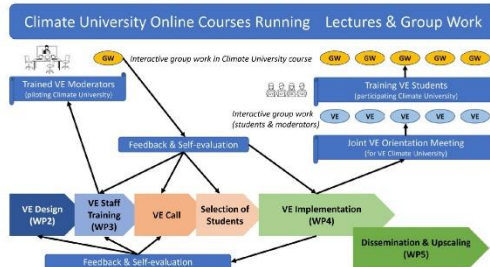
- Concept of traditional education is changing (COVID-19 !)
- Being physically present in classroom isn't the only learning option anymore - not with the rise of the internet and new technologies, at least.
- Online learning - access to a quality education whenever and wherever you want, as long as you can get online
- Challenges of distance learning can be little interaction!
- Virtual Exchange is a tool to increase interaction in distance education!



Co-funded by the
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CLUVEX stages in workflow for VEs



Co-funded by the
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CLUVEX Dissemination, Upscaling, Networking

Dissemination and Upscaling

- International Assoc. of Meteorological Education & Sciences
- Air Pollution in the Arctic: Climate, Environment and Societies
- WMO Network of Regional Training Centers
- Pan-Eurasian Experiment
- Digital Belt and Road Program
- Copenhagen Science City



CLUVEX
VIRTUAL
EXCHANGE



International Network

- UNA Europa
- Arctic Network of Universities
- Nordic University Teachers Network
- Climate University Network in Finland
- Black Sea Universities Network
- INTENSE International Doctoral School Network

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Welcome to act as a CLUVEX Moderator

The VEs organized by CLUVEX project (led by Univ Helsinki) are currently the largest EU VEs project in their field offer a **unique opportunity to learn about remote working and teaching in an international environment, and for e.g. doing training work at "Master of Teaching" or on "English language"**.

- During CLUVEX VE Weeks for students - joint sessions with up to 500 students from all CLUVEX Partners' universities and collaborating universities, where networking and interactions in small groups of up to 10 students, plus 1 moderator, will take place.
- Moderators' central role is ONLINE to support and motivate international and interdisciplinary interactions, discussions, and learning in small groups of students.



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CLUVEX: Calls for VE Weeks for students

Main Activity

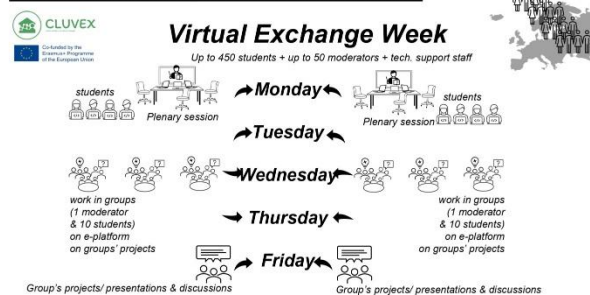
- To announce 5 VE Calls & organize interactive online trainings called "VE Weeks-for-students" (1 ECTS credit point) in 2024-2026.
- To carry out the VE Weeks online in Zoom with plenary sessions (lectures and demo of tools for analysis of climate related data)+ work in small groups of students discussing specific topics of climate change and working on Individual and Collaborative "Climate Horizon" exercise.
- Small groups in Zoom break-out-rooms are guided by educated CLUVEX moderators
- 1st VE Week: 14-18 Oct 2024 - completed
- 2nd VE Week: 12-16 May 2025 - completed
- 3rd VE Week: 6-10 Oct 2025 - completed
- 4th VE Week: 23-27 Feb 2026 - completed
- 5th VE Week: 20-24 Apr 2026



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European Union

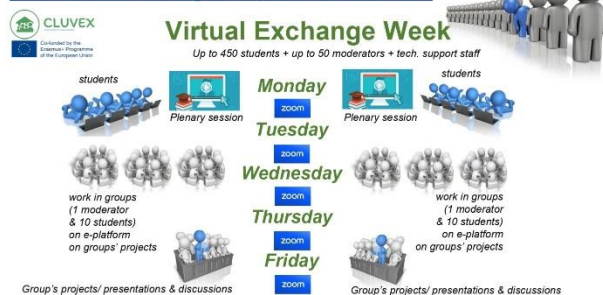


Virtual Exchange Call for students



Group's projects/ presentations & discussions

Virtual Exchange Call for students



Group's projects/ presentations & discussions

Group's projects/ presentations & discussions

VE Week for Students – Outlined Programme



Programme of the Virtual Exchange Week
All times are given in EST (i.e., in Finnish time)

9th Day: 26 April 2023 (08:00 – 17:00, 3h online)
10:00 – Welcoming words from the hosts
10:30 – Introduction to CLUVEX project & Virtual Exchange Overview (K. Koponen, ONU)
11:00 – "Climate Change: Science, Carbon Neutrality and UN SDGs" (Hansmik Movsesyan, YSU)
12:00 – Impacts of Climate Change and Future Outlook (Hansmik Movsesyan, YSU)
13:00 – Climate Change, Disasters, Carbon Neutrality and UN SDGs (Alexander Baklanov, UCPH)
14:00 – Artistic Research and Critical Thinking at the Intersection of Art, Science & Society (Yvonne Billimore, Bioart Society)
15:00 – Introduction to Climate Resilience and Sustainable Development Goals (Antti Rajala, UH)
16:00 – Welcoming students into groups & introduction to groups & pre-exchange (2h hour)
17:00 – End of the day

10th Day: 27 April 2023 (08:00 – 17:00, 3h online)
10:00 – 11. Navigating Planetary Boundaries: Blueprint for a Sustainable Future (Inna Khomenko, ONU)
11:30 – 12. Climate Change Impact on Water Resources (Sergiy Snizhko & Olga Shevchenko, ONU)
13:00 – Nature Hazards – Floods (Valeriya Ovcharuk, ONU)
14:00 – Impacts of Climate Change and Future Outlook (Hansmik Movsesyan, YSU)
15:00 – Climate Change, Mitigation and Adaptation Strategies (Hansmik Movsesyan, YSU)
16:00 – Artistic Research and Critical Thinking at the Intersection of Art, Science & Society (Yvonne Billimore, Bioart Society)
17:00 – Welcoming students into groups & introduction to groups & pre-exchange (2h hour)
18:00 – End of the day

11th Day: 28 April 2023 (08:00 – 17:00, 3h online)
10:00 – 13. Climate Change Impact on Water Resources (Sergiy Snizhko & Olga Shevchenko, ONU)
11:30 – Nature Hazards – Floods (Valeriya Ovcharuk, ONU)
13:00 – Impacts of Climate Change and Future Outlook (Hansmik Movsesyan, YSU)
14:00 – Climate Change, Mitigation and Adaptation Strategies (Hansmik Movsesyan, YSU)
15:00 – Artistic Research and Critical Thinking at the Intersection of Art, Science & Society (Yvonne Billimore, Bioart Society)
16:00 – Introduction to Climate Resilience and Sustainable Development Goals (Antti Rajala, UH)
17:00 – Welcoming students into groups & introduction to groups & pre-exchange (2h hour)
18:00 – End of the day

12th Day: 29 April 2023 (08:00 – 17:00, 3h online)
10:00 – 14. Climate Change Impact on Water Resources (Sergiy Snizhko & Olga Shevchenko, ONU)
11:30 – Nature Hazards – Floods (Valeriya Ovcharuk, ONU)
13:00 – Impacts of Climate Change and Future Outlook (Hansmik Movsesyan, YSU)
14:00 – Climate Change, Mitigation and Adaptation Strategies (Hansmik Movsesyan, YSU)
15:00 – Artistic Research and Critical Thinking at the Intersection of Art, Science & Society (Yvonne Billimore, Bioart Society)
16:00 – Introduction to Climate Resilience and Sustainable Development Goals (Antti Rajala, UH)
17:00 – Welcoming students into groups & introduction to groups & pre-exchange (2h hour)
18:00 – End of the day

13th Day: 30 April 2023 (08:00 – 17:00, 3h online)
10:00 – 15. Climate Change Impact on Water Resources (Sergiy Snizhko & Olga Shevchenko, ONU)
11:30 – Nature Hazards – Floods (Valeriya Ovcharuk, ONU)
13:00 – Impacts of Climate Change and Future Outlook (Hansmik Movsesyan, YSU)
14:00 – Climate Change, Mitigation and Adaptation Strategies (Hansmik Movsesyan, YSU)
15:00 – Artistic Research and Critical Thinking at the Intersection of Art, Science & Society (Yvonne Billimore, Bioart Society)
16:00 – Introduction to Climate Resilience and Sustainable Development Goals (Antti Rajala, UH)
17:00 – Welcoming students into groups & introduction to groups & pre-exchange (2h hour)
18:00 – End of the day

Preparatory Materials for VE Weeks



Virtual Exchange Guidebook (VEG)
Lessons learnt from the "Climate University for Virtual Exchange" (CLUVEX) project in 2022-2023

Climate Literacy Guidebook (CLG)
Reading materials for students participating in the CLUVEX Virtual Exchange Week

Climate Messenger Code of Conduct (CMC)
Instructions for Virtual Exchange Week participants

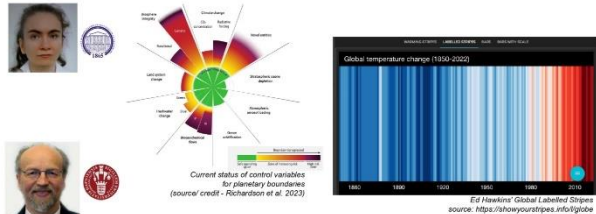
VE Week - Lectures

CLUVEX lectures provide a wider context of the climate change

- Lecture #1: Navigating Planetary Boundaries: Our Blueprint for a Sustainable Future**
Lecturer: Inna Khomenko, Mechnikov Odessa National University (ONU), Ukraine (UA)
- Lecture #2: Climate Change, Disasters, Carbon-neutrality and UN Sustainable Development Goals**
Lecturer: Alexander Baklanov, Niels Bohr Institute, University of Copenhagen (UCPH), Denmark
- Lecture #3: Climate Change Impact on Water Resources**
Lecturers: Sergiy Snizhko & Olga Shevchenko, T.Schevchenko National University of Kyiv (TSNUK), UA
- Lecture #4: Nature Hazards - Floods**
Lecturer: Valeriya Ovcharuk, Mechnikov Odessa National University (ONU), UA
- Lecture #5: Impacts of Climate Change and Future Outlook**
Lecturer: Hansmik Movsesyan, Yerevan State University (YSU), Armenia
- Lecture #6: Climate Change, Mitigation and Adaptation Strategies**
Lecturer: Hansmik Movsesyan, Yerevan State University (YSU), Armenia
- Lecture #7: Artistic Research and Critical Thinking at the Intersection of Art, Science and Society**
Lecturer: Yvonne Billimore, Bioart Society, Finland
- Lecture #8: Towards Sustainable Future Utopia**
Lecturer: Antti Rajala, University of Helsinki (UH), Finland

VE Week – Lectures 1 & 2

Lecture #1: Navigating Planetary Boundaries: Our Blueprint for a Sustainable Future
Inna Khomenko, Mechnikov Odessa National University, Ukraine



Lecture #2: Climate Change, Disasters, Carbon-neutrality and UN Sustainable Development Goals
Alexander Baklanov, Niels Bohr Institute, University of Copenhagen, Denmark

VE Week – Lectures 3 & 4

Lecture #3: Climate Change Impact on Water Resources

Sergiy Snizhko & Olga Shevchenko



Taras Shevchenko National University of Kyiv
Ukraine



Flood occurrence per country (2000-2022)



Lecture #4: Nature Hazards – Floods
Valeriya Ovcharuk
Mechnikov Odessa National University
Ukraine

VE Week – Lectures 5 & 6

Lecture #5: Impacts of Climate Change and Future Outlook

Hansmik Movsesyan
Yerevan State University
Armenia



Lecture #6: Climate Change, Mitigation and Adaptation Strategies



VE Week – Lectures 7 & 8

Lecture #7: Artistic Research and Critical Thinking at the Intersection of Art, Science and Society

The Heavens (photo by Tiff Bovermann)



Yvonne Billimore
Bioart Society
Finland



Antti Rajala
University of Helsinki
Finland



Lecture #8: Towards Sustainable Future Utopia



VE Week - Tools

User-friendly tools to examine regions from local to global scales

Tool #1 | Past & Present | Environment and Data Visualization

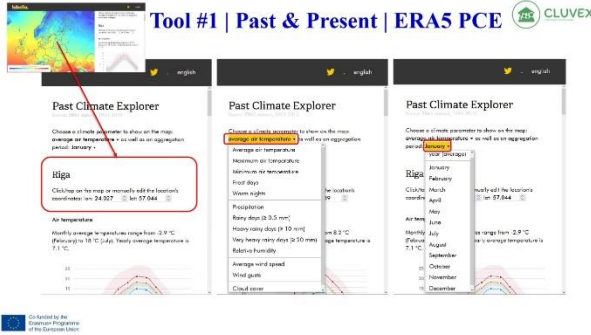
Lecturer: Alexander Mahura, University of Helsinki, Finland
ERA-5 Past Climate Explorer (PCE) tool: <https://era5-lobelia.earth>
• Questions for environment/ climate conditions/ society/ pollution ...

Tool #2 | Past & Future | Socio-Economic Drivers of Climate Change

Lecturer: Stefan Franzek, Finnish Environment Institute, Finland
Shared Socioeconomic Pathways (SSP) Database: <https://tntcat.lisa.ac.at/SSpDb>
Historic Time-Series of Socio-Economic Indicators: <https://data.worldbank.org/indicator>
• Questions for historical/ political/ social/ natural causes that lead into current situation ...

Tool #3 | Future | Climate Scenarios

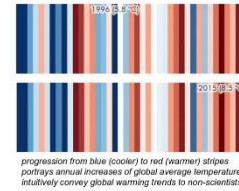
Lecturer: Risto Makkonen, Finnish Meteorological Institute, Finland
IPCC Interactive Atlas: <https://interactive-atlas.ipcc.ch>
• Questions for historical/ political/ social/ natural causes that lead into current situation ...



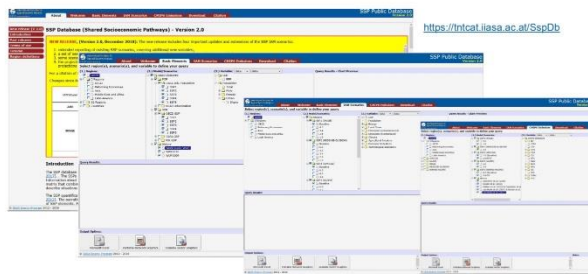
Tool #1 | Application | Riga Air temperature & Warming stripes

Warming stripes (sometimes referred to as climate stripes, climate timelines) are data visualization graphics that use a series of coloured stripes chronologically ordered to visually portray long-term temperature trends

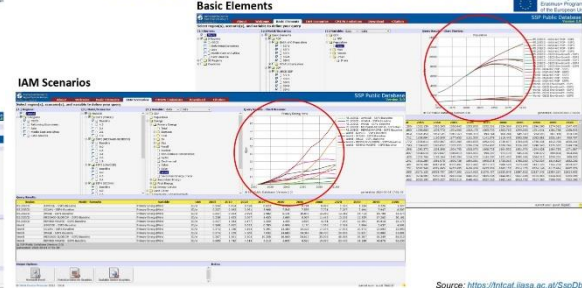
Warming stripes for the extended period 1979-2018 (what's this?):



Tool #2 | Past & Future | Socio-Economic Drivers of Climate Change



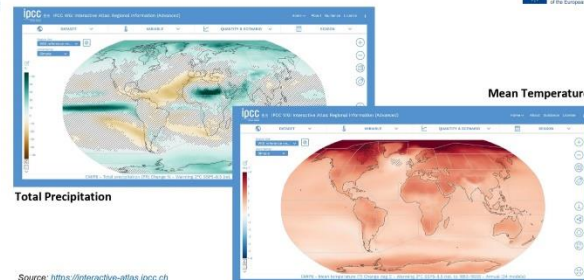
Tool #2 | Shared Socioeconomic Pathways



Tool #3 | Future | IPCC Interactive Atlas

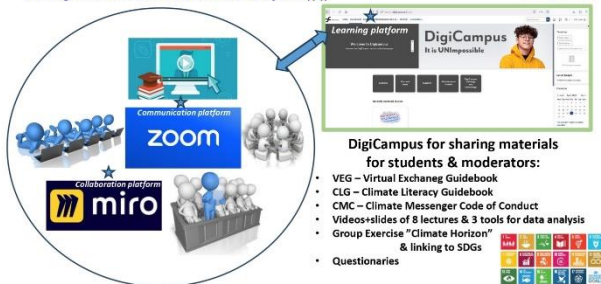


Tool #3 | Future | IPCC Interactive Atlas



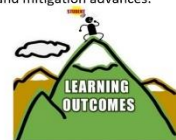
VE Week – Work in Groups on Climate Horizon

Learning + Communication + Collaboration Platforms (★)



VE Week – Learning Outcomes /in Certificate/

- Basics of the atmosphere, biosphere, hydrosphere and anthroposphere interaction and feedbacks.
- Basics of climate change based on latest science: Planetary boundaries concept, Last methodological tools used in observing the Earth System.
- Understanding of the human role from different perspectives like ethical, social, different cultural backgrounds in climate change, adaptation, and mitigation advances.
- Critically reflect owns views on climate change, sustainability, and create new visions.
- Reflect different international and intercultural perspectives on climate change and sustainability.



VE Week – Learning Outcomes /in Certificate/



- Reflect about global versus local challenges in finding adaptation and mitigation solutions.
- Work together in different online working environments.
- Work and be part of an international teams and manage small joint projects.
- Communicate and present their work in English.
- Learning basic study skills such as use of open data, literature search, critical reading and thinking.



VE Week – Earned Bonuses for Students



Students awarded the following:

- 1 ECTS credit by University of Helsinki
- CLUVEX Certificate
- Status of Climate Messenger
- Welcome to Climate University Online Courses



Welcome to Climate University Online Courses



Students (BSc, MSc, PhD, PostDocs) who participated in CLUVEX VE Weeks and became the **Climate Messengers**

are also encouraged to take the Climate University online courses



After moderators' training & self-education, you will:

- get the necessary credits from the University of Helsinki (3 ECTS),
- get an internship certificate related to your studies,
- try pedagogy and language skills in a national small group,
- learn technical remote working and interaction skills that you will need when you move into working life,
- increase your network with the organizing universities,
- have a unique experience that broadens your world view.

Next is tutorial by Aleksa Vauhkonen (UH)



Looking forward to see you at
the Virtual Exchange Week for Students



(*) CLUVEX&UNAVEX&CLIMED presentation at EGU-2025, Vienna, Austria – available at:

https://www.atm.helsinki.fi/cluvex/wp-content/uploads/2025/05/EGU2025_Fri0205_LAPPALAINEN.pdf

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Virtual Exchanges and Climate Education as a Tool for European Partnership Development for SDGs

by **Hanna K. Lappalainen¹**, **Alexander Mahura¹**, **Julia Karhumaa¹**, **Laura Riittanen¹**, **Aleksi Vauhkonen¹**, **Svyatoslav Tyuryakov^{1,2}**, **Valeriya Ovcharuk¹**, and the Erasmus+ CLUVEX, UnaVex and ClimEd projects teams*

Session EOS2.5 "From real-world data and perception to climate change education: A call to action" EGU-2025, 2 May 2025, Vienna, Austria

1- University of Helsinki, Helsinki, Finland
2- Ukrainian Meteorological Institute, Kyiv, Ukraine

* <https://meetingorganizer.copernicus.org/EGU25/EGU25-15778.html>



Erasmus+ ongoing projects with Virtual Exchanges (VEs):

- ❖ CLUVEX – Climate University for Virtual Exchanges (2023-2026) <https://www.atm.helsinki.fi/cluvex>
- ❖ UnaVex – Una Europe for Virtual Exchanges for Sustainability (2024-2027) <https://www.atm.helsinki.fi/unavex>
- ❖ ClimEd – Multilevel Local, Nation- and Regionwide Education and Training in Climate Services, Climate Change Adaptation and Mitigation (2020-2026) <http://climmed.network>

These projects are coordinated by the University of Helsinki



Partners of the Projects / Consortia:

CLUVEX project Partners (budget: 474.359 €)



UnaVEX project Partners (budget: 499.878 €)



ClimEd project Partners (budget: 893.692 €)



In sumup, Partners from Europe (Belgium, Denmark, Estonia, Finland, Italy, Spain), Africa (South Africa, Kenya, Democratic Republic of Congo), Armenia, and Ukraine incl. 2 Ministries of Ukraine plus, 16 Associated Partners



Online Learning - the Future of Education?

- Concept of traditional education is changing (COVID-19 I)
- Being physically present in classroom isn't the only learning option anymore - not with the rise of the internet and new technologies, at least
- Online learning - access to a quality education whenever and wherever you want, as long as you can get online
- **Challenges of distance learning can be little interaction!**
- **Virtual Exchange (VE) is a tool to increase interaction in distance education!**



General Aims: CLUVEX & UnaVEX

- to design Virtual Exchange (VE) concept for **climate change** & for **sustainability** education
- to bridge students from **European, Neighborhood East, and African** universities;
- to engage and educate students with competencies in **climate and green agenda together with interdisciplinary, green and soft skills & sustainability**
- to train moderators for climate change & for **sustainability** education
- to educate up to 500 students in each 1 VE Week (5 VE Weeks in total, per project)
- to educate altogether **2500 & 2500** students as the "Climate Messengers" & the "Global Sustainability Advocates" in 3 years
- to upscale VE concept to various networks and partnerships internationally



Welcome to act as a Moderator

The VEs organized by the CLUVEX & UnaVEX projects (led by Univ Helsinki) are currently the largest EU VEs projects in their field **offer a unique opportunity to learn about remote working and teaching in an international environment.**

Moderators' central role is ONLINE to support and motivate international and interdisciplinary interactions, discussions, and learning in small groups of students.

- Moderators will**
- get the necessary ECTS credits from the University of Helsinki/ Open University,
 - get a certificate related to studies and moderator's activities,
 - try pedagogy and language skills in international small groups of students,
 - learn technical remote working and interaction skills needed in the working life,
 - increase personal network with the organizing/hosting/collaborating universities,
 - have a unique experience that broadens world view.



Calls for Virtual Exchange (VE) Weeks for Students

Main Activity

- To announce 5 + 5 VE Calls and organize and carry out online in Zoom the interactive trainings called "VE Weeks-for-students" in 2024-2026
- **CLUVEX: VE Week program includes:** attendance of plenary sessions (lectures on climate related topics and demo of tools for visualization and analysis of climate related data) + online work (in break-out-rooms) in small groups of students (guided by educated CLUVEX moderators) discussing specific topics of climate change + working on Individual and Collaborative "Climate Horizon" exercise.
- **UnaVEX: VE Week program includes:** attendance of inspiring guest speakers and discussions on different perspectives on sustainability (sustainable development as a concept and in politics, ecological, social, economic, cultural sustainability) + online work online in small group of students with peers and moderators (guided by educated UnaVEX moderators) discussing and developing a collaborative, **Sustainability-themed Action Task** + self-studying the "Introduction to sustainability" online course.

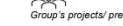
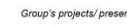
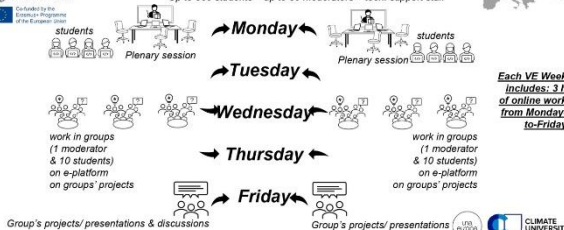


Virtual Exchange Call for Students

Up to 500 students

Virtual Exchange Week

Up to 500 students + up to 50 moderators + tech. support staff



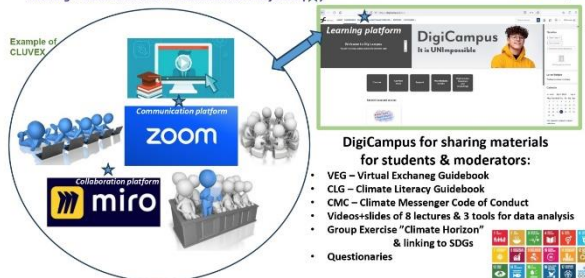
1st CLUVEX & UnaVEX Virtual Exchange Weeks

Lecturers and Guest Speakers



VE Week – Work in Groups on Climate Horizon

Learning + Communication + Collaboration Platforms (★)



VE Week – Earned Bonuses for

CLUVEX & UnaVEx Students



Students awarded the following:

- 1 & 1(+3) ECTS credits by University of Helsinki/ Open University
- CLUVEX & UnaVEx Certificate
- Status of Climate Messenger & Global Sustainability Advocate
- Welcome to Online Courses of Climate University & Una Europa and Climate University



Welcome to Climate University Online Courses

Students (BSc, MSc, PhD, PostDocs) who participated in CLUVEX VE Weeks and became the Climate Messengers

are also encouraged to take the Climate University online courses



Welcome to Una Europa & Climate University Online Courses

Students (BSc, MSc, PhD, PostDocs) who participated in UnaVEx VE Weeks and became the Global Sustainability Advocates are also encouraged to take the Una Europa & Climate University online courses



ClimEd ClimEd Trainings – Approach in VEs

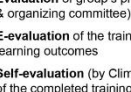
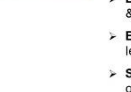


- Development programme with specific focus of training
- Announcement of the training & opening web-page (at <http://climEd.network/events/climEd-trainings>)
- Web-applications/ evaluation/ informing & assigning successful applicants to groups/ granting access to Moodle system
- Training event (lectures, home-work-assignments as group's projects, presentations/ defences) lecturing materials (slides & videos) are asap publicly available at web-page of the training
- Evaluation of group's presentations (by lecturers & organizing committee) & awarding certificates
- E-evaluation of the training & of own (participants) learning outcomes
- Self-evaluation (by ClimEd project) of the completed training



Building on the Una Europa Micro-credential in Sustainability

<https://www.una-europa.eu/study/microcredential-sustainability/programme-information>



Covid19: Online vs. Onsite/ Hybrid



Because covid19 pandemic, the originally planned face-to-face trainings were required to be converted into online trainings

- Online lecturing
- Home-work-assignments (HWAs) as groups' projects
- Final oral presentations (projects' defences) of HWAs with evaluation and feedbacks, discussions, and awarding certificates (corresponding to ECTS credits)

Moving to face-to-face or onsite events (and combining also with online participation) – hybrid

- Lecturing (combined onsite & online teaching)
- Work in groups (onsite vs. online groups OR mixture of online/onsite participants in groups)
- Final oral presentations of work done in groups with evaluation and feedbacks, discussions, and awarding certificates (corresponding to ECTS credits)



Spain & Estonia - ClimEd Trainings 4-7 in 2024-2025



<https://peerishq.home.blog/2025/02/17/96-climEd-training/>



ClimEd Trainings, LOs, Groups, Participants

Tr#1 : Competence-Based Approach to Curriculum Development for Climate Education (10 LOs)

12 Groups – 46

(19 April – 12 May 2021) / Online – **completed**

Tr#2 : Adaptation of the Competency Framework for Climate Services to conditions of Ukraine (5 LOs)

12 Groups – 56

(29 June – 26 August 2021) / Online – **completed**

Tr#3 : Digital tools and datasets for climate change education (12 LOs)

12 Groups – 45

(26 October – 12 November 2021) / Online – **completed**

Tr#4 : Learning courses' development in climate services considering needs of different users (7 LOs)

12 Groups – 50 persons

(6-10 May 2024) / Onsite-Hybrid (Spain) – **completed**

Tr#5 : Applying different technologies of blended/on-line learning in education (5 LOs)

8 Groups – 34 persons

(30 Sep – 4 Oct 2024) / Onsite-Hybrid (Estonia) – **completed**

Tr#6 : Mastering technologies of massive open on-line courses development for general public (6 LOs)

15 Groups – 58 persons

(10-14 Feb 2025) / Onsite-Hybrid (Estonia) – **completed**

Tr#7 : Skills to use climatic information and services for climate-dependent branches of economy (9 LOs)

16 Groups – 79 persons

(7-11 Apr 2025) / Onsite-Hybrid (Spain) – **completed**



Acknowledgements

- To all guest speakers, lecturers, moderators – for their professionalism, enthusiasm and commitment to the trainings & To all organizers and hosts of the CLUVEX, UnaVEx and ClimEd training events
- To all colleagues/ participants of the Erasmus+ CLUVEX, UnaVEx and ClimEd projects teams: Markarov, Karen Chazaryan, Yvonne Billimore, Elisa Suvanto, Pritta Puhto, Alexander Baklanov, Roman Nuterman, Maher Sahyoun, Oleh Shabli, Sergiy Slaparenko, Anna-Sina Simisalo, Melissa Piatti, Francesco Maria Spampinato, Ana Beaven, Alessia Marchi, Francesca Pimi, Kaiten Pipe, Julie Metta, Arnelien Cosmans, Alison Dunne, Jan Van Ongevalle, Laure Van Hoecke, Lee-Ann Modley, Isaac Rampedi, Anisa Khan, Solomon Derese, Justus Muiranyi, Anne Kamau, Margaret Jesang Hutchinson, Raphael Tahimanga Muamba, Cush Ngongo, Gode Bola, Lisette Bonso, Felly Ngandu, Emmanuel Tsadok Mihana, Kalev Sepp, Voitha Kaskovich, Veijo Kabin, Anton Shkaruba, Tetyana Kryvomaz, Jon Xavier Olano, Eric Aguilar, Anna Boqai, Manola Brunet, Gisella Cebrían, Iryna Bashmakova, Yuri Rastkevych, Marek Frankowicz, Inna Osadchuk, and Markku Kulmala
- This work was supported by the EU funded Erasmus+ projects: via CLUVEX (No 101111959), via UnaVEx (No101139159), via ClimEd (No 619285-EPP-1-2020-1-FI-EPPKA2-CBHE-JP).
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