

Context

Main objective of the project	Innovation
Project Title	Promoting active citizenship through innovative geoparticipatory methods to tackle wicked-environmental problems
Project Acronym	EduChange 2.0
Project Start Date (yyyy-mm-dd)	2020-09-01
Project Total Duration	36 months
Project End Date (yyyy-mm-dd)	2023-08-31
National Agency of the Applicant Organisation	CZ01 Dům zahraniční spolupráce (DZS) Centre for International Cooperation in Education
Language used to fill in the form	English

For further details about the available Erasmus+ National Agencies, please consult the following page:

<https://ec.europa.eu/programmes/erasmus-plus/contact>

Project Summary

Please provide a short summary of your project. Please recall that this section (or part of it) may be used by the European Commission, Executive Agency or National Agencies in their publications. It will also feed the Erasmus+ Project Results Platform.

Be concise and clear and mention at least the following elements: context/background of project; objectives of your project; number and profile of participants; description of activities; methodology to be used in carrying out the project; a short description of the results and impact envisaged and finally the potential longer term benefits. The summary will be publicly available in case your project is awarded.

In view of further publication on the Erasmus+ Project Results Platform, please also be aware that a comprehensive public summary of project results will be requested at report stage(s). Final payment provisions in the contract will be linked to the availability of such summary.

Man-made Climate change has been more visible than at any time before. From bush fires in Australia to rising ocean temperatures and melting the North-pole sea ice. Surveys conducted among high school students in Amsterdam showed that most youngsters are now convinced that Climate change is actually occurring and caused by humans. However, young people vary widely in their opinions about the severity of the effects of Climate change, and many think that Climate change is more a problem for other places and for the far future. Our project builds upon our experience from EduChange project, where we observed that students in teacher education used a lot of mobile and web tools, and other means of ICT (e.g. Geographical information systems and derived software) to create their own teaching activities about climate change. We plan to continue our collaboration promoting active citizenship through innovative geoparticipatory methods/tools to tackle the environmental issues. This proposal also introduces a new partner to our team - Finish start-up company Seppo who is creating a new kind of pedagogy that combines social learning and versatile ways of using mobile technology. Via the strategic partnership, we will foster our abilities and skills in creating geoparticipatory mapping platforms and usage of gamification mobile app platform, that will be made available to our students for their awareness-raising campaigns.

The key objectives of the project are:

- 1) use approaches of active citizenship, gamification and geoparticipation to help our students to become the agents of change, regarding the climate change issues
- 2) teach students about climate change effects related to wicked problems and how to teach/communicate it in a way that sets people up for action (through blended mobility within interdisciplinary and multinational ECTS course),
- 3) assess and frame the potential of playful and geoparticipatory approaches in education
- 4) help students to develop and apply playful and geoparticipatory activities for high school students, university students and general public
- 5) bring scientists with different background and representatives of edutainment start-up together in order to boost research in the field of playful and geoparticipatory methodologies in higher education and Climate change education
- 6) to disseminate and exploit unique project result in the field of playful and geoparticipatory activities to a wider audience.
- 7) improve students skills and allow them to realise their own projects with keeping the project values in mind (Environmental ethics, ecological citizenship, digital literacy and critical

approaches)

All participating students will take part in blended learning activities (virtual telecollaborative parts (mainly before the Springschool) and physical mobility at the Springschool) and, as a result, it is expected that the project will educate and train 24 students per year (72 in total) to become specialists in using geoparticipatory tools and gamification in Climate change education.

Besides, at least nine academic staff members and one representative of Seppo company will form an international and interdisciplinary group striving to derive new approaches, playful learning methodologies and knowledge in the mentioned fields.

The EduChange 2.0 project results are expected:

1. The innovation of the participating institutions' curricula by the development of Annual EduChange 2.0 courses (ECTS credit-rated).
2. EduChange 2.0 learning and teaching materials (handbooks, manuals, guides, e-learning, virtual lectures, telecollaboration, multimedia etc.)
3. Research results (papers, conference appearances, posters etc.)
4. Popular-scientific articles about the EduChange 2.0
5. For each year of the cycle, Interactive StoryMap will be created
6. Students' actions/events for school students, university classmates and/or general public described in template worksheet
7. Infrastructure for educational material
8. Conference proceedings

The main outcome of the project is a unique annual EduChange 2.0 interdisciplinary and international programme producing educated experts in the fields of Climate change education, geoparticipation, participatory mapping within the context of playful methodologies in these fields.

Applicant Organisation

Organisation ID	Legal name	Country
E10208271	UNIVERZITA PALACKEHO V OLOMOUCI	Czech Republic

Partner Organisations

No	Organisation ID	Legal name	Country
1	E10209443	UNIVERSITEIT UTRECHT	Netherlands
2	E10209399	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU	Norway
3	E10209037	UNIVERSITA TA MALTA	Malta
4	E10229379	Lentävä Liitutaulu	Finland

Project Budget Summary

Budget Items	Grant
Project Management and Implementation	54.000,00 EUR
Transnational Project Meetings	17.825,00 EUR
Intellectual Outputs	37.146,00 EUR
Multiplier Events	26.500,00 EUR
Learning, Teaching, Training Activities	64.330,00 EUR
Total Grant	199.801,00 EUR

Transnational Projects Meetings

ID	Meeting Title	No. of Participants	Grant
1	Kick off meeting	8	4.600,00 EUR
2	2nd Transnational Meeting	8	4.600,00 EUR
3	3rd Transnational Meeting	8	4.600,00 EUR
4	Evaluation and Wrap-up meeting	7	4.025,00 EUR
Total			17.825,00 EUR

Intellectual Outputs

ID	Output Title	Category of Staff	No. of Working Days	Grant
O4	EduChange 2.0 - Climate change public outreach methodology and events	Teachers/Trainers/Researchers/Youth workers	20	3.780,00 EUR
O3	EduChange 2.0 Educational games	Teachers/Trainers/Researchers/Youth workers	12	2.268,00 EUR
O1	EduChange 2.0 Manuals including a website with edu-platform	Teachers/Trainers/Researchers/Youth workers	96	18.144,00 EUR
O2	EduChange 2.0 Scientific, Educational and Popularisation Papers	Teachers/Trainers/Researchers/Youth workers	40	7.560,00 EUR
O3	EduChange 2.0 Educational games	Technicians	15	2.430,00 EUR
O1	EduChange 2.0 Manuals including a website with edu-platform	Technicians	19	2.478,00 EUR
O2	EduChange 2.0 Scientific, Educational and Popularisation Papers	Technicians	3	486,00 EUR
Total			205	37.146,00 EUR

Multiplier Events

ID	Event Title	Country of Venue	Local Participants	Foreign Participants	Grant
E5	Educhange 2.0 Final conference	Czech Republic	55	15	8.500,00 EUR
E1	Multiplier Event Utrecht Students	Netherlands	45	0	4.500,00 EUR
E2	Multiplier Event Olomouc Students	Czech Republic	45	0	4.500,00 EUR
E3	Multiplier Event Malta Students	Malta	45	0	4.500,00 EUR
E4	Multiplier Event Trondheim Students	Norway	45	0	4.500,00 EUR
Total			235	15	26.500,00 EUR

Learning, Teaching, Training Activities

ID	Activity Type	Travel Grant	Grant for Exceptional Costs for Expensive Travel	Individual Support Grant	Linguistic Support Grant	Grant
C1	Blended mobility of higher education students	4.950,00 EUR	0,00 EUR	7.308,00 EUR	0,00 EUR	12.258,00 EUR
C2	Blended mobility of higher education students	6.480,00 EUR	0,00 EUR	7.308,00 EUR	0,00 EUR	13.788,00 EUR
C3	Blended mobility of higher education students	6.480,00 EUR	0,00 EUR	7.308,00 EUR	0,00 EUR	13.788,00 EUR
C4	Intensive programmes for teaching staff	1.925,00 EUR	0,00 EUR	5.194,00 EUR	0,00 EUR	7.119,00 EUR
C5	Intensive programmes for teaching staff	2.710,00 EUR	0,00 EUR	5.936,00 EUR	0,00 EUR	8.646,00 EUR
C6	Intensive programmes for teaching staff	2.795,00 EUR	0,00 EUR	5.936,00 EUR	0,00 EUR	8.731,00 EUR
Total		25.340,00 EUR	0,00 EUR	38.990,00 EUR	0,00 EUR	64.330,00 EUR

Budget per Participating Organisation

Organisation	Country of Organisation	Grant
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic	57.223,00 EUR
UNIVERSITEIT UTRECHT (E10209443, NL)	Netherlands	43.132,00 EUR
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Norway	42.502,00 EUR
UNIVERSITA TA MALTA (E10209037, MT)	Malta	38.134,00 EUR
Lentävä Liitutaulu (E10229379, FI)	Finland	18.810,00 EUR

Budget Details per Participating Organisations (UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ))

Budget Items	Grant
Project Management and Implementation	18.000,00 EUR

Budget Items	Grant
Transnational Project Meetings	5.175,00 EUR
Intellectual Outputs	6.774,00 EUR
Multiplier Events	13.000,00 EUR
Learning, Teaching, Training Activities	14.274,00 EUR
Total Grant	57.223,00 EUR

Budget Details per Participating Organisations (UNIVERSITEIT UTRECHT (E10209443, NL))

Budget Items	Grant
Project Management and Implementation	9.000,00 EUR
Transnational Project Meetings	1.150,00 EUR
Intellectual Outputs	10.122,00 EUR
Multiplier Events	4.500,00 EUR
Learning, Teaching, Training Activities	18.360,00 EUR
Total Grant	43.132,00 EUR

Budget Details per Participating Organisations (NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO))

Budget Items	Grant
Project Management and Implementation	9.000,00 EUR
Transnational Project Meetings	4.600,00 EUR
Intellectual Outputs	10.122,00 EUR
Multiplier Events	4.500,00 EUR
Learning, Teaching, Training Activities	14.280,00 EUR
Total Grant	42.502,00 EUR

Budget Details per Participating Organisations (UNIVERSITA TA MALTA (E10209037, MT))

Budget Items	Grant
Project Management and Implementation	9.000,00 EUR
Transnational Project Meetings	4.600,00 EUR
Intellectual Outputs	5.754,00 EUR
Multiplier Events	4.500,00 EUR
Learning, Teaching, Training Activities	14.280,00 EUR
Total Grant	38.134,00 EUR

Budget Details per Participating Organisations (Lentävä Liitutaulu (E10229379, FI))

Budget Items	Grant
Project Management and Implementation	9.000,00 EUR
Transnational Project Meetings	2.300,00 EUR
Intellectual Outputs	4.374,00 EUR
Learning, Teaching, Training Activities	3.136,00 EUR
Total Grant	18.810,00 EUR

Timetable

Note that Transnational Project Meetings, Intellectual Outputs, Multiplier Events and Learning, Teaching and Training activities will be listed in this table automatically once you have created them in the dedicated section of the form.

ID	Activity Type	Starting Period	Description
1	Transnational Projects Meeting	09-2020	Kick off meeting
2	Intellectual Output	09-2020	EduChange 2.0 Manuals including a website with edu-platform
3	Intellectual Output	09-2020	EduChange 2.0 Scientific, Educational and Popularisation Papers
4	Intellectual Output	09-2020	EduChange 2.0 Educational games
5	Intellectual Output	09-2020	EduChange 2.0 - Climate change public outreach methodology and events
6	Blended mobility of higher education students	02-2021	1st EduChange Springschool
7	Intensive programmes for teaching staff	02-2021	1st EduChange Springschool - teachers
8	Multiplier Event	03-2021	Multiplier Event Utrecht Students
9	Multiplier Event	03-2021	Multiplier Event Olomouc Students
10	Multiplier Event	03-2021	Multiplier Event Malta Students
11	Multiplier Event	03-2021	Multiplier Event Trondheim Students
12	Transnational Projects Meeting	09-2021	2nd Transnational Meeting
13	Blended mobility of higher education students	02-2022	2nd EduChange Springschool
14	Intensive programmes for teaching staff	02-2022	2nd EduChange Springschool - teachers
15	Transnational Projects Meeting	09-2022	3rd Transnational Meeting
16	Blended mobility of higher education students	02-2023	3rd EduChange Springschool

ID	Activity Type	Starting Period	Description
17	Intensive programmes for teaching staff	02-2023	3rd EduChange Springschool - teachers
18	Transnational Projects Meeting	06-2023	Evaluation and Wrap-up meeting
19	Multiplier Event	06-2023	Educhange 2.0 Final conference

Participating Organisations

Please note that the Organisation ID has replaced the PIC as the unique identifier for the organisation to apply for Erasmus+ and European Solidarity Corps actions managed by National Agencies. Organisations that have a PIC and have previously applied for funding in these programmes through the National Agencies have been assigned an Organisation ID automatically. Please use the Erasmus+ and European Solidarity Corps platform to check an Organisation ID, update information linked to it or register a new organisation: <https://webgate.ec.europa.eu/erasmus-esc/organisation-registration>

Applicant Organisation

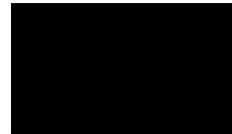
Organisation ID	E10208271
Legal name	UNIVERZITA PALACKEHO V OLOMOUCI
Legal name (national language)	UP
National ID (if applicable)	61989592
Address	KRIZKOVSKÉHO 8
Country	Czech Republic
Postal Code	771 47

City OLOMOUC

Website www.upol.cz

Telephone

Fax



Profile

Type of Organisation

Higher education institution (tertiary level)

Is the organisation a public body?

Yes

Is the organisation a non-profit?

Yes

Accreditation

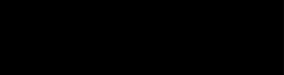
Accreditation Type	Accreditation Reference
Erasmus Charter for Higher Education	CZ OLOMOUC01

Associated Persons

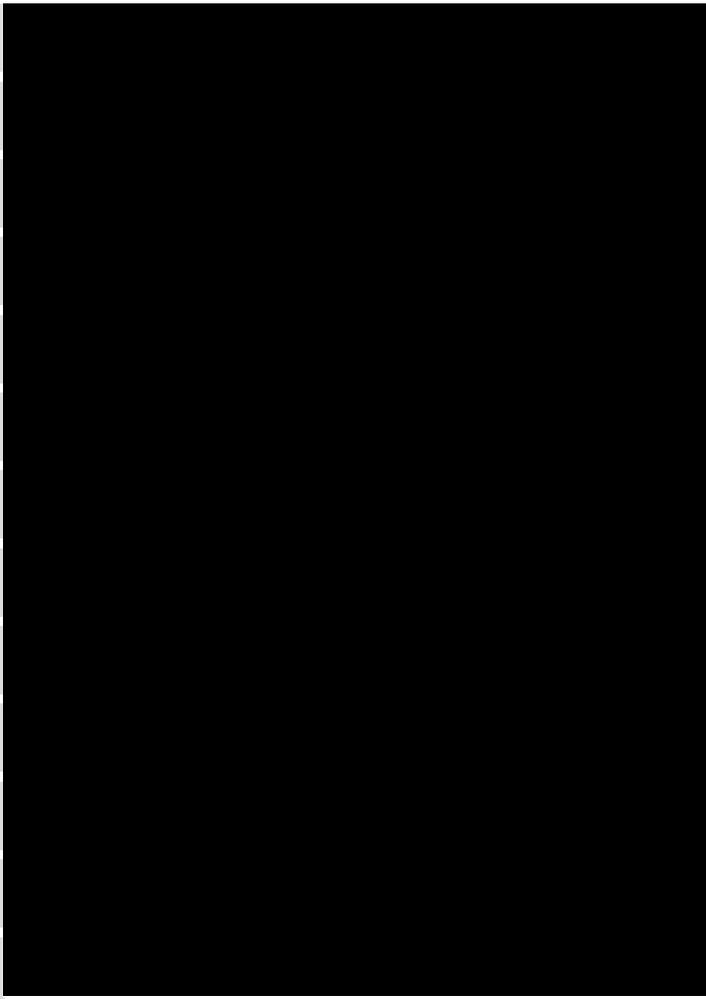
Please provide information about this organisation's legal representative and contact persons for the project. Legal representative is the person authorised to sign legally binding documents on behalf of the organisation, while the contact persons are people who will be managing the project.

One of the contact persons must be designated as 'preferred contact'. This person will be contacted by the National Agency if there are questions about the project or the organisation, and in case the project is selected they will receive access to project management and reporting tools.

Legal Representative (UNIVERZITA PALACKEHO V OLOMOUCI)

Title	Prof.
Gender	Male
First Name	Jaroslav
Family Name	Miller
Department	Rectorate
Position	Rector
Email	
Telephone	
Preferred Contact	No
If the address is different from the one of the organisation	No

Contact Person (UNIVERZITA PALACKEHO V OLOMOUCI)

Title	
Gender	
First Name	
Family Name	
Department	
Position	
Email	
Telephone	
Preferred Contact	
If the address is different from the one of the organisation	
Address	
Country	
Postal Code	

City

Olomouc

Background and Experience

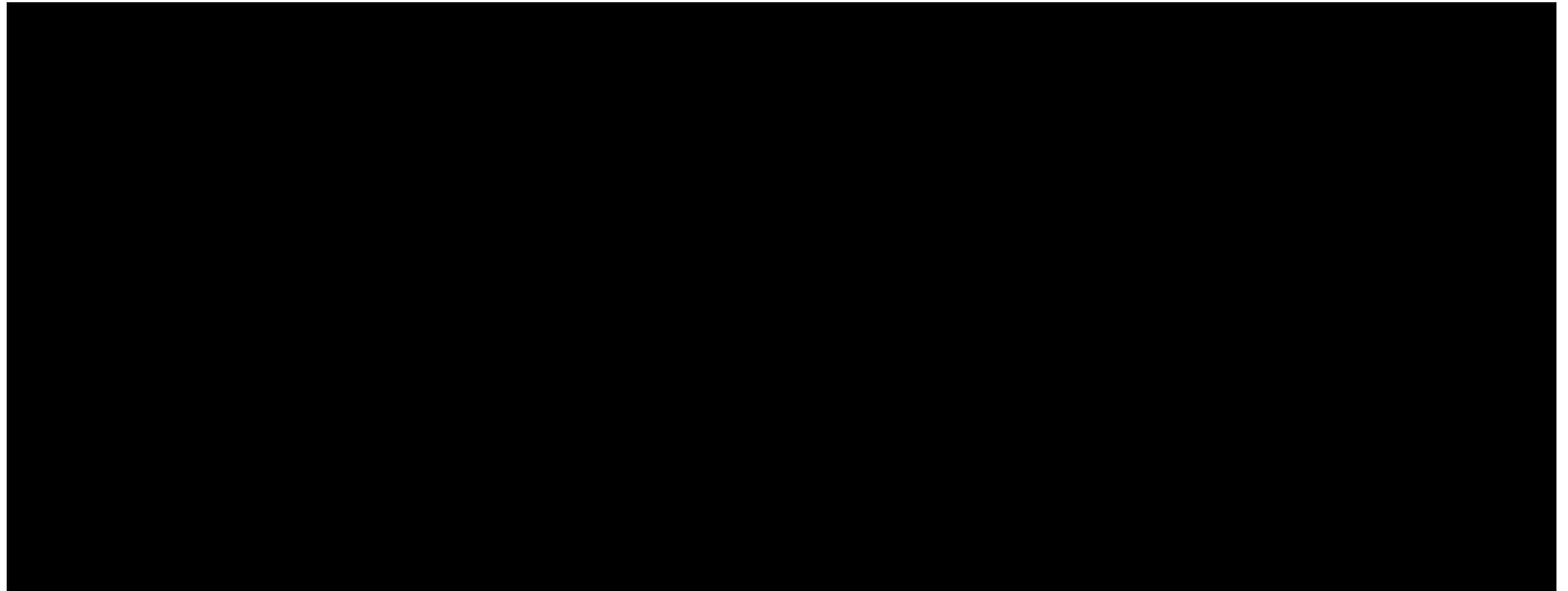
Please briefly present the organisation/group (e.g. its type, scope of work, areas of activity and if applicable, approximate number of paid/unpaid staff, learners and members of the group)

Palacký University is the second oldest public university in the Czech Republic. The University has about 20.000 students and over 1800 teaching staff organized into eight faculties. Palacký University participates in many international programmes of cooperation in education and research. It has nearly 300 Erasmus partner institutions in 27 European countries and more than 55 bilateral cooperation agreements with universities around the world. Palacký University offers all levels of higher education following the Bologna process (i.e. bachelor's, master's, and doctoral studies) in more than three hundred degrees programmes and their combinations. Palacký University has been listed in most of the prestigious international rankings: Academic Ranking of World Universities (ARWU) 2019 - 501–600 place, QS World University Rankings 2020 - 601–650 place, The Times Higher Education World University Rankings (THE) 2020 – 601–800 place, U.S. News Best Global Universities Ranking (2019) – 519 place or The Center for World University Rankings CWUR (2019–2020) – 572. place. Palacký University is one of the best evaluated Czech universities today. In the last few years, Palacký University has built and opened a number of top research institutes of international importance. Haná Regional Centre for Biotechnological and Agricultural Research, the Regional Centre of Advanced Technologies and Materials, the Project BIOMEDREG (Biomedicine for regional development and human resources), the new Research and Educational Centre of the Faculty of Education and others, the university has not only increased its scientific output but also developed applied research and strengthened collaboration with the corporate sector. The university also has its own Project Service, Science and Technology Park, and Business Incubator which aids budding entrepreneurs, including students.

What are the activities and experience of the organisation in the areas relevant for this project? What are the skills and/or expertise of key persons involved in this project?

Department of Development and Environmental Studies was the first department of development (later development and environmental) studies in Central Europe. Prior to 2007, we were part of the department of geography. Department's international reputation is underlined by rich collaboration within Europe as well as outside of the continent. The department is very active in international cooperation (e.g. student and staff exchanges with about 25 universities within the Erasmus+ program). In 2013 the Department earned a prestigious EADI accreditation (IAC/EADI Accreditation – The International Accreditation Council for Global Development Studies and Research) for its International Development Studies master's program delivered in the Czech language. In 2017 the new Erasmus Mundus Joint Master Degree of International Development Studies will be opened (first EMJMD in the Czech Republic with Czech university as a leading partner). In the same year (2017) the department was awarded the grant 2017-1-CZ01-KA203-035519 titled "Making knowledge together - addressing climate change through innovative place-based education and blended learning" (EduChange), and this proposal is a direct follow-up of the project.

The department is responsible for the management of the project, coordination of the multipliers event, end final conference. The key elements of our speciality are interdisciplinary and internationalization. Key persons involved in the project have expertise in: participatory/community mapping, spatial and spatial-temporal analyses, environmental science, urban planning research, urban modelling, socio-economic geography, cartography etc. As the UPOL is the leading organization, it will be represented by 3 key persons (other universities will be represented by 2 people each).



Has the organisation participated in a European Union granted project in the 3 years preceding this application?

Yes

Please indicate:

EU Programme	Year	Project Identification or Contract Number	Applicant/Beneficiary Name
Erasmus Mundus	2018	599182-EPP-1-2018-1-ATEPPKA1-JMDMOB	Paris-Lodron-Universität Salzburg
Erasmus +	2017	2017-1-CZ01-KA203-035519	Palacký University Olomouc
Erasmus +	2017	2017-1-CZ01-KA202-035560	Palacký University Olomouc
Erasmus +	2019	2019-1-CZ01-KA203-061379	Palacký University Olomouc
Erasmus +	2019	2019-1-CZ01-KA203-061374	Moravian Business College Olomouc

Partner Organisations

Organisation ID	E10209443
Legal name	UNIVERSITEIT UTRECHT
Legal name (national language)	UU

Address	HEIDELBERGLAAN 8
Country	Netherlands
Postal Code	3584 CS
City	UTRECHT
Website	www.uu.nl
Telephone	
Fax	

Profile

Type of Organisation

Higher education institution (tertiary level)

Is the organisation a public body?

Yes

Is the organisation a non-profit?

Yes

Accreditation

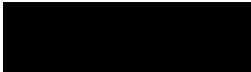
Accreditation Type	Accreditation Reference
Erasmus Charter for Higher Education	NL UTRECHT01

Associated Persons

Please provide information about this organisation's legal representative and contact persons for the project. Legal representative is the person authorised to sign legally binding documents on behalf of the organisation, while the contact persons are people who will be managing the project.

One of the contact persons must be designated as 'preferred contact'. This person will be contacted by the National Agency if there are questions about the project or the organisation, and in case the project is selected they will receive access to project management and reporting tools.

Legal Representative (UNIVERSITEIT UTRECHT)

Title	Prof.
Gender	Male
First Name	Henk
Family Name	Kummeling
Department	Rectorate
Position	Rector
Email	
Telephone	
Preferred Contact	No
If the address is different from the one of the organisation	No

Contact Person (UNIVERSITEIT UTRECHT)

Title

Gender

First Name

Family Name

Department

Position

Email

Telephone

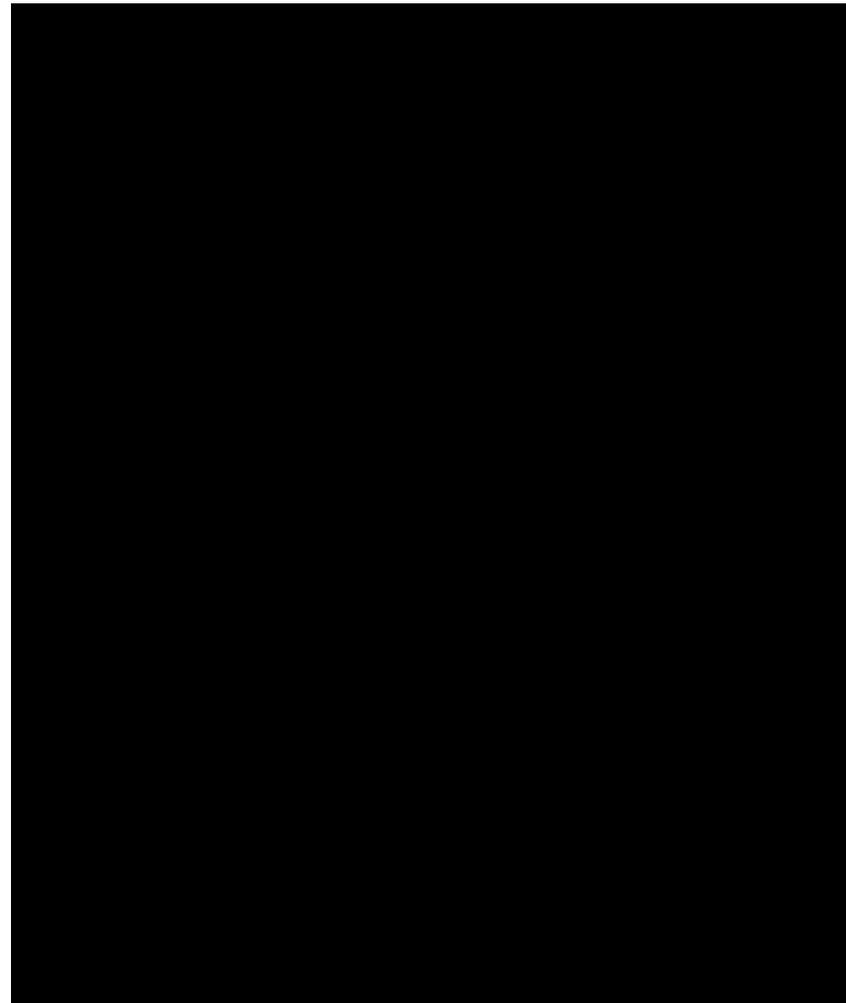
Preferred Contact

If the address is different from the one of the organisation

Address

Country

Postal Code



City

Utrecht

Background and Experience

Please briefly present the organisation/group (e.g. its type, scope of work, areas of activity and if applicable, approximate number of paid/unpaid staff, learners and members of the group).

Established in 1636, Utrecht University has evolved into a leading modern research university with a growing international reputation, known for its innovative cross-disciplinary research and high-quality education. Utrecht University has great ambitions for its teaching quality and study success rates. This also applies to its clear research profiles which are centred on four themes: Sustainability, Life Sciences, Dynamics of Youth, and Institutions. Utrecht University plays a prominent role in our society and contributes to finding the answers to topical and future societal issues. The Shanghai Ranking ranks Utrecht University as 1st in the Netherlands and 49th in the world (2019). The Times Higher Education Ranking places the university at number 75. The university has also been ranked as 42nd worldwide by the Taiwan Ranking. This ranking also places Utrecht University ahead of all other Dutch universities. With nearly 30,000 students and 8,500 employees divided over 7 faculties, Utrecht University spans the entire spectrum of academic research and education. There are 49 bachelor's programmes and 147 master's programmes available. Among these, there are six English-taught bachelor's programmes and more than 90 English-taught master's programmes. The university counts 12 Nobel Prize laureates and 19 Spinoza Prize laureates as part of the alumni and faculty.

The Faculty of Geosciences has approximately 600 employees and educates some 2600 students. Education and research are being conducted in four separate departments, one of which is the Department of Human Geography and Planning. The department of Human Geography and Planning focuses on sustainability, cities, health, migration, and development of (geography) education

What are the activities and experience of the organisation in the areas relevant for this project? What are the skills and/or expertise of key persons involved in this project? Please explain how the organisation brings an essential added value to the project.

Innovation in teaching is one of the main focus points Utrecht University mentioned in its Strategic Plan for 2016-2020. Utrecht University sees blended learning as an important innovation in education. Expertise in blended learning is combined in its Educate IT programme - stimulating innovation in teaching and furthering faculty development. Teachers are well facilitated to use blended learning. They can get both support in practical & technical issues and in more pedagogical issues concerning the ways to use blended learning to increase the learning outcomes of students. Since 2013 the Faculty of Geosciences had done several pilots & projects with blended learning, from small clips to entire e-modules. This expertise will be used in the project.

Fieldwork is seen as the core activity of bachelor degree programmes of the Faculty of Geosciences. During the bachelor students will leave the classroom and go out of doors for both short (day) activities and residential international field courses. These field trips take different forms, from teacher-led "Cook's tours" to fieldwork to student-led bike tours.

Furthermore, in the Utrecht University Strategy for 2025 Climate change and open science are identified as global challenges and challenges for higher education. UU is aiming that in 2025 the Sustainable Development Goals will form an integral part of our education, research, impact and operational management. All of this is in alignment with our project proposal.

Has the organisation participated in a European Union granted project in the 3 years preceding this application?

Yes

Please indicate:

EU Programme	Year	Project Identification or Contract Number	Applicant/Beneficiary Name
Horizon 2020	2017	Grant agreement ID: 730243	UNIVERSITY OF DURHAM

Partner Organisations

Organisation ID	E10209399
Legal name	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU
Legal name (national language)	NTNU
National ID (if applicable)	974767880
Address	HOGSKOLERINGEN 1
Country	Norway
P.O. Box	000
Postal Code	7491

City TRONDHEIM

Website www.ntnu.no

Telephone [REDACTED]

Fax [REDACTED]

Profile

Type of Organisation

Higher education institution (tertiary level)

Is the organisation a public body?

Yes

Is the organisation a non-profit?

Yes

Accreditation

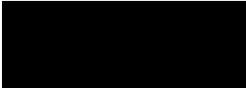
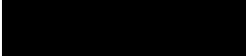
Accreditation Type	Accreditation Reference
Erasmus Charter for Higher Education	N TRONDHE01

Associated Persons

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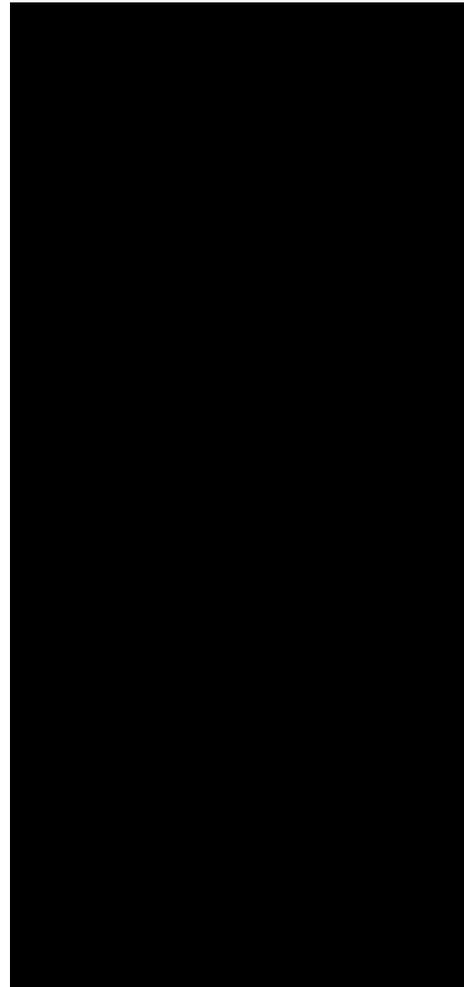
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Legal Representative (NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU)

Title	Prof
Gender	Female
First Name	Anne
Family Name	Borg
Department	Rectorate
Position	Rector
Email	
Telephone	
Preferred Contact	No
If the address is different from the one of the organisation	No

Contact Person (NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU)

Title
Gender
First Name
Family Name
Department
Position
Email
Telephone
Preferred Contact
If the address is different from the one of the organisation
Address
Country
Postal Code



City

Trondheim

Background and Experience

Please briefly present the organisation/group (e.g. its type, scope of work, areas of activity and if applicable, approximate number of paid/unpaid staff, learners and members of the group).

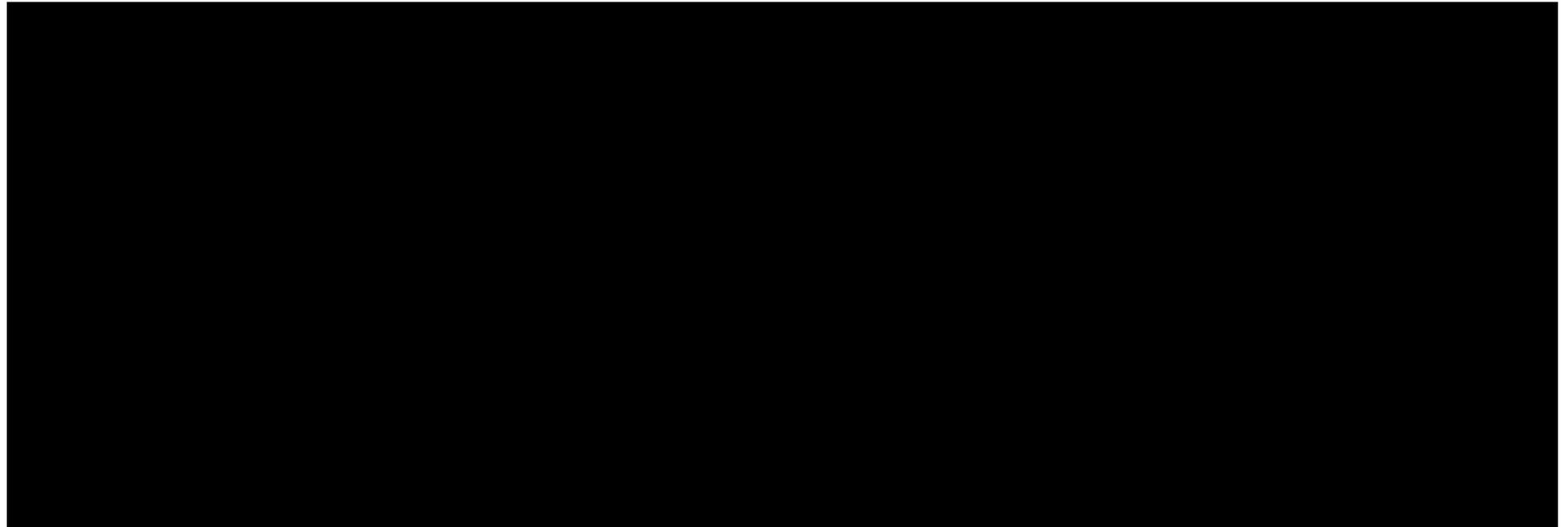
The Norwegian University of Science and Technology (NTNU), situated in Trondheim, Gjøvik and Ålesund, is Norway's largest university, with about 40,000 students and 7,000 employees. NTNU's Department of Teacher Education (ILU) comprises Norway's largest academic environment within teacher education and educational research. The department offers practical training and profession-oriented bachelor, master and PhD degree programmes; and a broad portfolio of in-service education options for teachers and school administrators. The department educates teachers within a wide range of school and vocational subjects for grades 1 -13. Their practice- and profession-oriented programmes provide a solid foundation for future careers and life-long learning. ILU's skilled teacher educators conduct research and development work geared towards schools, classrooms and workplaces. The purpose of the research is to further develop schools' overall knowledge, approaches and skills with regard to learning, teaching and collaboration, and to contribute to developing national and international knowledge about learning and education from a lifelong perspective. The faculty offers large scientific potential in terms of well-known researchers in mathematics and science education. We cooperate with a lot of the primary and secondary schools in Trondheim, and the surroundings of the city. This cooperation partly involves students' mandatory practice work arrangements, and research and innovation projects in different disciplines (e.g. ICT and learning, entrepreneurship in education, inquiry-based learning), especially connected to science and mathematics.

NTNU is a multi-disciplinary university with a strong profile in science and technology, and a focus on programs of professional study. Therewith, NTNU contributes to competitive Norwegian business and industry sectors as well as supports a capable public sector through collaboration in new practices, processes and products. Three specific trends will be important for NTNU in the strategy period until 2025: more intense competition, strengthened interaction with society, and willingness to change (NTNU, Strategy 2018-2025: Knowledge for a better world). NTNU wants to prioritize innovative and exploratory learning processes of high quality, grounded in research-based knowledge about learning. NTNU has a long tradition of learning through real tasks and problem-based learning. This closely relates to the university's understanding of the community assignment and its special responsibility for interdisciplinary skills. Two of the core tasks for initial teacher education at NTNU are 1) Develop research-based teaching materials and learning resources for school and teacher education, 2) Educate teachers that stimulate students to engage in development and innovation work (NTNU, Department of Teacher Education, Strategy 2018-2025: Knowledge for a better school and teacher education, p.12). Thus, the aims of the project fit very well into the strategies of our university, at all levels.

What are the activities and experience of the organisation in the areas relevant for this project? What are the skills and/or expertise of key persons involved in this project? Please explain how the organisation brings an essential added value to the project.

Department of Teacher Education (ILU), comprises of more than 20 scientists from a broad field of educational subject disciplines. Our competence involves teaching experience, practice, educational research competence for HE and school level, as well as subject content knowledge from the different natural science disciplines and different parts of the wide field of pedagogy. The mathematics and science research groups within ILU have participated in a number of nationally/internationally esteemed research projects. NTNU has excellent connections to the national mathematics and science centres, the National Center for Science Recruitment, local networks and the regional school authorities, and is a partner of the ICSE consortium.

Department of Geography was established in 1974. Research and education cover a broad range of fields across human and physical geography, with further links to other disciplines. The research and education cover some of the most pressing concerns in the Norwegian, European and global contexts, such as climate change, migration, sustainable natural resource use, inequality, disaster resilience, local and national development, global business networks, and innovation in the industry. The research group «Geographies of climate change effects» has the broadest anchoring in the department when it comes to the number of involved researchers. The group was established in 2006 and it includes both physical and human geographers. Its research focuses on the links between the physical and social world to understand what makes individuals and communities vulnerable or resilient to climate-induced natural hazards and how to enhance communities' ability to adapt to the changing physical and social conditions. The effects of climate change vary geographically, and a central aim of the group has been to assess and map the geography of exposure to climate change effects and the geography of local communities capacities to cope with the increased intensity and frequency of extreme events caused by climate change.



Has the organisation participated in a European Union granted project in the 3 years preceding this application?

Yes

Please indicate:

EU Programme	Year	Project Identification or Contract Number	Applicant/Beneficiary Name
Erasmus+, Strategic Partnership for Higher Education	2019	2019-1-DE01-KA203-005046	International Centre for STEM Education (ICSE), University of Education in Freiburg, Germany.
Easmus+ Strategic Partnership for school education	2019	2019-1-PT01-KA201-060821	Agrupamento Escolas D. Carlos I, in Sintra, Portugal
Horizont 2020	2019	Grant Agreement No. 824260	Norwegian University of Science and Technology (NTNU)

Partner Organisations

Organisation ID	E10209037
Legal name	UNIVERSITA TA MALTA
Legal name (national language)	UOM
National ID (if applicable)	952479
Address	University Campus, Tal-Qroqq
Country	Malta
Postal Code	2080
City	MSIDA
Website	www.um.edu.mt
Telephone	
Fax	

Profile

Type of Organisation

Higher education institution (tertiary level)

Is the organisation a public body?

Yes

Is the organisation a non-profit?

Yes

Accreditation

Accreditation Type	Accreditation Reference
Erasmus Charter for Higher Education	MT MALTA01

Associated Persons

Please provide information about this organisation's legal representative and contact persons for the project. Legal representative is the person authorised to sign legally binding documents on behalf of the organisation, while the contact persons are people who will be managing the project.

One of the contact persons must be designated as 'preferred contact'. This person will be contacted by the National Agency if there are questions about the project or the organisation, and in case the project is selected they will receive access to project management and reporting tools.

Legal Representative (UNIVERSITA TA MALTA)

Title	Prof.
Gender	Male
First Name	Alfred
Family Name	Vella
Department	Rectorate
Position	Rector
Email	
Telephone	
Preferred Contact	No
If the address is different from the one of the organisation	No

Contact Person (UNIVERSITA TA MALTA)

Title

Gender

First Name

Family Name

Department

Position

Email

Telephone

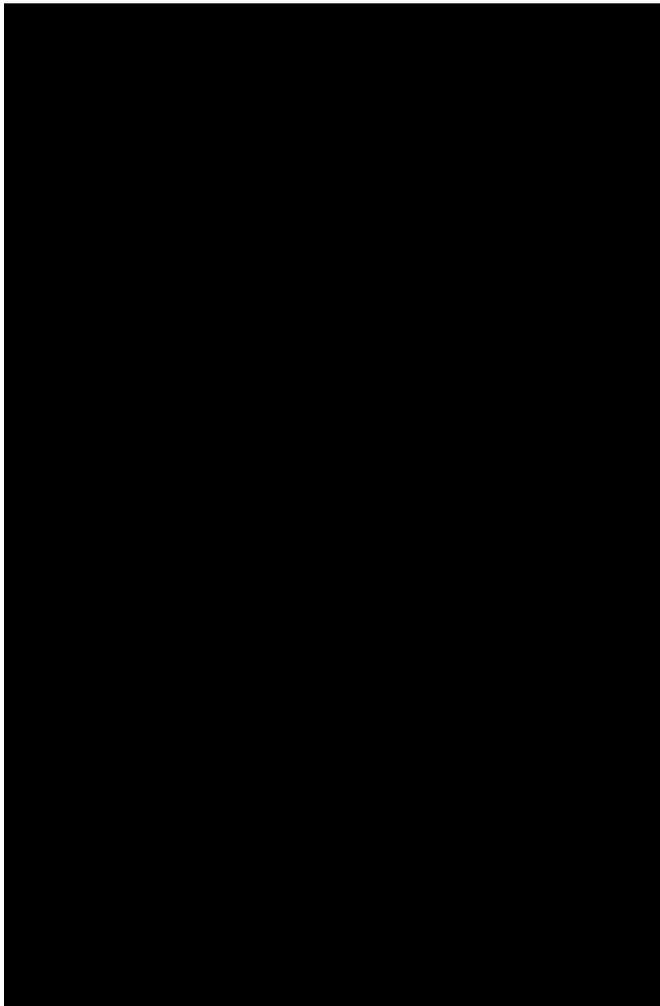
Preferred Contact

If the address is different from the one of the organisation

Address

Country

Postal Code



City

Msida

Background and Experience

Please briefly present the organisation/group (e.g. its type, scope of work, areas of activity and if applicable, approximate number of paid/unpaid staff, learners and members of the group).

The University of Malta traces its origins to the founding of the Collegium Melitense by the Jesuits in 1592. The College was raised to University status by Grand Master Manoel Pinto de Fonseca in 1769. Situated at Msida, it is the highest teaching institution of the State by which it is mainly financed and is open to all those who have the requisite qualifications. Over the past few years, the University has reviewed its structures in order to be in line with the Bologna process. Conscious of its public role, the University strives to create courses which are relevant and timely in response to the national, regional and international needs. The supreme governing bodies of the University are the Council and the Senate. There are over 11,000 students including over 1000 foreign/exchange students from over 90 different countries, following full-time or part-time degree and diploma courses. The University has been involved as coordinator and partner in numerous EU-funded projects under various Programmes including FP5/6/7, Lifelong Learning Programme, Culture 2000, Tempus, Erasmus+ and various other international and regional programmes and initiatives. The University is also represented in a number of European and international University networks and groups. The University of Malta is ranked 601 in World University Rankings by Times Higher Education

What are the activities and experience of the organisation in the areas relevant for this project? What are the skills and/or expertise of key persons involved in this project? Please explain how the organisation brings an essential added value to the project.

Centre for Environmental Education and Research (CEER) was set up at the Faculty of Education in 2004. Its role is to promote environmental education and research in the Euro-Med region by seeking to catalyse change towards a sustainable society. It endeavours to offer opportunities for environmental education to empower citizens to actively participate in environmental decision-making fora and in initiatives that promote a good quality of life for all. CEER offers a hub that co-ordinates environmental education initiatives, increases the opportunity for environmental education research, makes scientific and technological research results more accessible and facilitates resource transfer and capacity building in Malta and the Euro-Med region. [REDACTED]

Has the organisation participated in a European Union granted project in the 3 years preceding this application?

Yes

Please indicate:

EU Programme	Year	Project Identification or Contract Number	Applicant/Beneficiary Name
Erasmus +	2019	2019 - 1- PT01 - KA201 - 060830	Universidade de Aveiro (Portugal)

Partner Organisations

Organisation ID	E10229379
Legal name	Lentävä Liitutaulu
Legal name (national language)	Lentävä Liitutaulu Ltd
Address	Lapinlahdenkatu 16, building 15C
Country	Finland
Postal Code	00180
City	Helsinki
Website	

Telephone



Profile

Type of Organisation

Small and medium sized enterprise

Is the organisation a public body?

No

Is the organisation a non-profit?

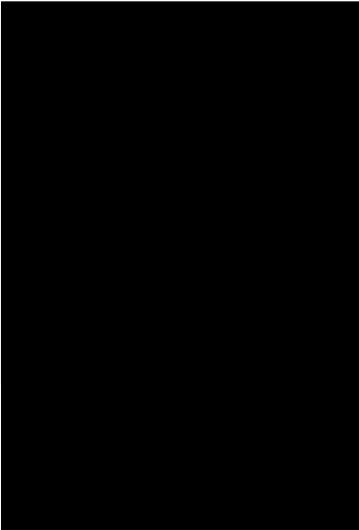
No

Associated Persons

Please provide information about this organisation's legal representative and contact persons for the project. Legal representative is the person authorised to sign legally binding documents on behalf of the organisation, while the contact persons are people who will be managing the project.

One of the contact persons must be designated as 'preferred contact'. This person will be contacted by the National Agency if there are questions about the project or the organisation, and in case the project is selected they will receive access to project management and reporting tools.

Legal Representative (Lentävä Liitutaulu)

Title	
Gender	
First Name	
Family Name	
Position	
Email	
Telephone	
Preferred Contact	No
If the address is different from the one of the organisation	No

Contact Person (Lentävä Liitutaulu)

Title

Gender

First Name

Family Name

Position

Email

Telephone

Preferred Contact

If the address is different from the one of the organisation



Background and Experience

Please briefly present the organisation/group (e.g. its type, scope of work, areas of activity and if applicable, approximate number of paid/unpaid staff, learners and members of the group).

Lentävä Liitutaulu is a Finnish company that promotes new ways to motivate students with game-based learning and pedagogical use of mobile technology. The company has developed an innovative teaching tool Seppo (in the proposal we call it therefore just Seppo). Seppo is a unique tool that helps teachers to gamify their lesson plans. With Seppo, a teacher can easily turn any neighbourhood to a pedagogical playground. Seppo combines gamification, social learning, digital storytelling and physical movement. Gamification motivates students and allows them to apply theory into practice. Increased engagement makes learning more efficient and leads to better learning results.

Seppo provides the teacher and students with the freedom to use their creativity. It can be used for any school subject at any school level. Having users on four continents proves that Seppo inspires teachers and students around the world and it can be localised to suit different environments and curricula. Apart from teachers, there are organizations such as WWF, The Red Cross and The Houses of Parliament (UK), which have gamified their existing educational materials with Seppo.

The teacher creates the Seppo game and the exercises from scratch or by using materials from the vast content library. Students then login into the game on their mobile devices (one tablet or smartphone per team). The teacher monitors the game giving students personalized feedback and points. All the students' answers and creations are saved in a digital archive. That way the best ideas or trickier exercises can be reviewed together with the class after the game.

Seppo games allow students to practice 21st-century skills such as creative problem solving and digital storytelling: the exercises can be answered to by video, audio, text and photos. Games are also a great way of adding light exercise to school days instead of having students sit down in their desks all day.

Seppo supports social learning. Seppo games are not played on a pre-designed program but instead designed by live human beings. Games are steered by a teacher who can communicate with the players in real-time. Students can also design their own games. Seppo games implement informal learning methods into formal learning settings.

Seppo games can be played indoors or outdoors. Outdoor games can be played on a live GPS map where exercises will only open at a certain location. The exercises can be linked to the authentic environment students are in: exploring nature in a park or art in a museum, learning about history or mathematics by visiting historical buildings and measuring things. The tasks can also encourage students to interview people or search for information in the real world. In indoor games, the gameboard is an image or photograph and the exercises can be completed in the classroom.

From the beginning, Lentävä Liitutaulu has strongly emphasized the pedagogical perspective and learning outcome. Gamification helps to engage students and make learning more efficient. The magic of games creates a reality where new rules apply: students can try and fail in a safe environment. Mobile technology allows gamification to be used easily outside the classroom in authentic environments.

Seppo games are designed to help people of all ages to experience the joy of learning. The concept has been developed with world-renowned Finnish pedagogical experts (e.g. from the University of Helsinki). The city of Helsinki is a forerunner of high-quality pedagogy in basic education and it has procured Seppo for every single teacher to support the city's digital strategy that sees the entire city as a learning environment. The use of Seppo isn't limited to technologically advanced countries but has gained a lot of users from emerging markets such as India and Brazil as well. It has users in 50 countries, which proves the innovation is highly scalable and meets very wide global needs. Seppo is also being used for training teachers. In Brazil, The Ayrton Senna Institute selected Seppo as a trusted partner. The institute trains 80 000 Brazilian teachers a year.

Seppo was certified by Kokoa Education Standard™ that evaluates educational solutions from a pedagogical point of view emphasising 21st skills and teacher and students benefits. According to Kokoa Seppo helps solve the global health issue of children sitting too much during the school day. In 2018 Seppo was highly commended by the jury in the BETT Awards in London. Second-year in a row Seppo was shortlisted as a Bett Awards finalist for the year 2019. Seppo was also chosen as one of the 100 most inspiring educational innovations in the world by HundrED Org, being one of the few innovations that were selected two years in a row. Seppo won the GESS Award 2017 for the Best solution to promote health and fitness in the classroom, in Dubai.

What are the activities and experience of the organisation in the areas relevant for this project? What are the skills and/or expertise of key persons involved in this project? Please explain how the organisation brings an essential added value to the project.

During the latest years, Lentävä Liitutaulu has been involved in several projects related to environmental issues and sustainability.

In 2017-18 Lentävä Liitutaulu coordinated a project called Far out. Far out was Finland's National Agency for Education financed program which turns pupils in primary education into scientists and researchers. The goal was to create new, multidisciplinary learning models. The models were created by designing and doing environmental research projects, where pupils use different technological instruments and measurements and gamification as part of the research processes. The company had a major role in providing the technology and training the teachers to implement gamification methods into their teaching.

In 2019 Lentävä Liitutaulu was chosen to co-create a pedagogical game to teach the circular economy for primary school children. The game was produced together with the Helsinki recycle centre. Currently, the company is producing two games for Bee'ah School of Environment. The games will be used in the workshops that are conducted in the UAE. Also in this project, the company has partnered with the Helsinki Recycle Center.

Lentävä Liitutaulu team members have strong expertise in gamification. The team consists of ten professionals from different fields. In this project, Seppo's gamification specialist will offer expertise in game-based mobile learning and how to use Seppo platform effectively.

Has the organisation participated in a European Union granted project in the 3 years preceding this application?

No

Project Description

Priorities and Topics

Please select the most relevant horizontal or sectoral priority according to the objectives of your project.

HE: Fostering civic engagement

If relevant, please select up to two additional priorities according to the objectives of your project.

HORIZONTAL: Environmental and climate goals

HORIZONTAL: Common values, civic engagement and participation

Please comment on your choice of priorities.

We have selected fostering civic engagement as the most relevant priority for our project because we as a team strongly believe in promoting civic and social responsibility among students and us-academics. The project strives to engage the students in Climate change awareness-raising via gamification and geoparticipatory tools. Furthermore, we aim to develop competencies that are needed to play an active role in society and to stimulate (large-scale) sustainable development. In our activities, we combine new ICT technologies, Climate change and active/responsible citizenship. Students will empower themselves and create activities for their target group (whether it will be local students, the general public or their classmates), that will allow the participants to climb up the Ladder of Participation (Arnstein, 1969). Our aim is to transform both our students and their participants into self-aware citizens that know that mitigating and adapting to climate change can also start locally and with small changes. The transformative experience moves them from non-participation and tokenism closer towards the citizen control and to become agents of change.

By running the project, we will tackle the environmental and climate goals following the UN SDGs. Moreover, the project activities foster the importance of common values and encourage civic engagement by placing students into an active role within their communities.

Please select up to three topics addressed by your project.

Environment and climate change

Civic engagement / responsible citizenship

ICT - new technologies - digital competences

Project Description

Please explain the context and the objectives of your project as well as the needs and target groups to be addressed. Why should this project be carried out transnationally?

Man-made Climate change has been more visible than at any time before. From bush fires in Australia to rising ocean temperatures and melting the North-pole sea ice, yet scepticism about human involvement in climate change is still strong. Surveys conducted among high school students in Amsterdam by ██████████ showed that most youngsters are now convinced that Climate change is actually occurring and caused by humans. However, young people vary widely in their opinions about the severity of the effects of Climate change, and many think that Climate change is more a problem for other places and for the far future. In our successful Erasmus+ strategic partnership (2017-2020) titled "EduChange - Making Knowledge Together - Addressing Climate Change through Innovative Place-Based Education and Blended Learning - 2017-1-CZ01-KA203-035519" students developed a whole range of teaching activities to overcome the manifold psychological effects to prevent people from taking action (distancing, cognitive dissonance, lack of solidarity, ..). As young people seem increasingly aware of the severity of climate change, we want to assist them in making change happen. We will use geoparticipatory and game-based methods for this, as we discovered that.

Our project builds upon our experience from EduChange project, where we observed that students in teacher education used a lot of mobile and web tools, and other means of ICT (e.g. Geographical information systems and derived software) to create their own teaching activities about climate change. We plan to continue our collaboration promoting active citizenship through innovative geoparticipatory methods/tools to tackle the environmental issues. Via the strategic partnership, we will foster our abilities and skills in creating geoparticipatory mapping platforms and usage of gamification mobile app platform (such as Seppo or Kahoot), that will be made available to our students for their awareness-raising campaigns.

The importance of making young people agents of change is evident, not only because climate change asks for mitigation and adaptation, but also because of a tendency to become fatalistic. Information about climate change in the media is often dramatic, which causes young people to become fatalistic (██████████). Besides this, schoolbooks often show a fixed future (██████████). This gives students the idea that they have no influence on the future. The question is: How can teachers let their students investigate possible, probable and preferable futures of their own living environment? We need a pedagogy of hope (██████████) so that more students can become agents of change who can and want to contribute to the design of the climate change adaptation solutions, system transformation and carbon footprint reduction and in the same time contribute with data to scientists and policymakers in the spirit of the citizen science.

In order to allow our students to increase the impact of their activities, we decided to team up with Finish start-up Seppo, which is developing a mobile-based gamification tool for education, as we believe that gamification motivates students and gets them engaged in the topic at hand, sparking the joy of learning. Based on the latest market research report titled "Global Gamification Market Size, Share, Development, Growth and Demand Forecast to 2022 published by P&S Market Research, the global gamification market is expected to touch \$22,913.0 million by 2022, and we see enormous potential in this teaching approach which will give our students a serious advantage in their future careers.

This project aims to promote active citizenship through innovative geoparticipatory methods to tackle environmental problems. We work in an interdisciplinary team together with a gamification start-up company in order to use modern methods of informal teaching (gamification and playful education) in Climate change education. Specifically, the project tackles the issue of active citizenship and participation by allowing students to develop their own educational/popularisation activities to raise awareness, and let people think about solutions for mitigating and adapting to the local impacts of Climate change in their environment (school, neighbourhood, city, community - it will be up to students to decide about their specific target group). The game-based learning and geoparticipatory approaches transform traditional means of higher education classes into innovative, creative learning environments in which all participants (teachers and students) will be engaged in solving real-world issues through gaming or participatory actions/events.

What results are expected during the project and on its completion?

The EduChange 2.0 project results are expected:

1. The innovation of the participating institutions' curricula by the development of Annual EduChange 2.0 courses (ECTS credit-rated; 1 course per participating university per year).
2. EduChange 2.0 learning and teaching materials (handbooks, manuals, guides, e-learning, virtual lectures, telecollaboration, multimedia etc.; as necessary)
3. Research results (papers, conference appearances, posters as necessary)
4. Popular-scientific articles (15 articles, i.e. 3 per partner organisation) about the EduChange 2.0
5. For each year of the cycle, Interactive StoryMap will be created (at least 3 in total)
6. Students' actions/events for school students, university classmates and/or general public described in template worksheet (8 events/year - total at least 24 events)
7. Infrastructure for educational material (1 e-learning platform)
8. Conference proceedings (1 final conference proceedings)

The main outcome of the project is a unique annual EduChange 2.0 interdisciplinary and international programme producing educated experts in the fields of Climate change education, geoparticipation, participatory mapping within the context of playful methodologies in these fields (Intellectual Output 1, IO1).

All participating students will take part in blended learning activities (virtual telecollaborative parts (mainly before the Springschool) and physical mobility at the Springschool) and, as a result, it is expected that the project will educate and train 24 students per year (72 in total) to become specialists in using geoparticipatory tools and gamification in Climate change education. Besides, at least nine academic staff members and one representative of Seppo company will form an international and interdisciplinary group striving to derive new approaches, playful learning methodologies and knowledge in the mentioned fields. The participants involved in the EduChange 2.0 will be supported by interactive learning (and teaching) materials from the previous project (EduChange), which will be updated in the light of EduChange 2.0 topics and new tools - geoparticipative web platforms and gamification app (IO3). Moreover, students will learn to adopt game methodologies, for which the brand new learning and teaching material will be created (see IO1). Research outputs (IO2) will underline the current advances of Climate change education and gamification use in higher education as regards the playful potential of gamification to awaken awareness and participation as part of broader climate change education and education for sustainable development. Above mentioned actions will result in students outreach event (8 events every year - 24 in total), which will be available to anyone with no limitations. It is important to note that all of the materials and outputs created during EduChange 2.0 will be available in open-access format (if applicable).

In what way is the project innovative and/or complementary to other projects already carried out by the participating organisations?

The project's innovative character is its holistic approach to teaching about Climate change and incorporation of gamification tools and geoparticipatory mobile/web platforms to include citizens in the events/projects. We combine experiences from several recent innovations in teaching, such as geoparticipation, place-based education, game-based learning, flipped learning and blended learning. The degree to which these different innovations are applied (and in what combinations) in the 'local' outreach events/projects may differ and so the partners (and the participants) will learn about the effectiveness of these combinations. The combination of knowledge and expertise learnt during the common Springschool and the local activities organised in national teams for local schools, university students or even the general public will be unique. At the end of the project cycle (one year), students will need to organise (with our support) a multiplier event and share their experience with local projects, what they learnt about trying to include citizen groups in climate change education through participatory projects on mitigation and adaptation. This will improve their professional skills as teachers and educators, but also their wider communication and social skills - skills that rank high on lists of graduate attributes, employability skills or 21st-century skills. Besides skills needed for employment, we will stress the active citizenship approach, that is needed for sustainable development too.

The innovative dimension of EduChange 2.0 is that it explores Climate Change from a wicked problem perspective. Our previous EduChange project focused on climate change-related water issues. During the project, it became very clear that such issues are more complex than they appear to be and generating action to combat climate change will entail even more complex solutions. The development of knowledge, skills and attitudes that explore Climate Change issues from a wicked problem perspective will be the target of the Springschool and focus of action of the partners' rich experiences on the matter. The red-line of the EduChange 2.0 project is Climate change education and gamification. Innovativeness lies in how we approach the Springschool and in the combination of partners that possess rich experiences with climate change-related water issues - water management in the Netherlands, rapid water disasters and droughts in the Czech Republic, and fresh-water issues (drought and fresh-water management) in Malta. The partners' respective expertise will be woven by the Norwegian partner with a strong educational background in the field of geography and Finish partner experience in the development of gamification mobile app. To date (and to our best knowledge), no other project (except our previous EduChange) dealing with Climate change focusing on water issues was carried out in the EU with regards to the education of young people.

The project furthermore builds on experiences from elements of several other small and large educational projects funded by the partner institutions (such as GEO GO - Game-based approach to field course funded from the Norwegian Agency for Digital Learning in Higher Education (2017-18), and Game-based approach to field course using multimedia narratives funded from NTNU (2016-17)), former Erasmus + projects (Field-based learning: multidisciplinary mobile mapping methods - 2014-17; Making knowledge together - addressing climate change through innovative place-based education and blended learning - 2017-20; Spatial and economic science in higher education - addressing the playful potential of simulation games - 2019-20). The personal links, interconnections and common ground and research help this project to be stronger and better prepared for the dissemination of results via various networks of involved staff.

In summary, EduChange 2.0 offers:

- 1) change agents - students who feel that they can make a difference by setting up geoparticipatory projects
- 2) unique multidisciplinary encounter (geography, science education, geoinformatics, environmental studies, development studies, pedagogy, education for sustainable development)
- 3) interactive learning and teaching methods (workshops, educational games, worksheets) under the supervision of experts
- 4) interactive modern learning and teaching material (video, story maps, geo-games), fit for education in the digital and blended era
- 5) inclusion of either secondary schools, local community, student associations
- 6) a way to create knowledge together and to strengthen the embeddedness of the university in its local surroundings.
- 7) tangible products such as: map applications, a compendium of worksheets and educational games (pedagogically oriented), conference proceedings (extended abstracts + external

keynote contribution), and finally scientific papers and reports (unique combination of methods needs to be spread to the wider (scientific) audience

How did you choose the project partners and what will they bring to the project? Does it involve organisations that have never previously been involved in a Strategic Partnerships project?

Four out of five partners were involved in the grant 2017-1-CZ01-KA203-035519 titled "Making knowledge together - addressing climate change through innovative place-based education and blended learning" (EduChange), and this proposal is a direct follow-up of the project. All project partners have long-standing experience with the education of students in geography, science education, geoinformatics, environmental science; at both levels - some at the secondary and some at the tertiary level. Furthermore, they share the experience with climate change education, water education and education for sustainable development too. They all share a deep interest in and experience with developing and implementing educational innovations. Moreover, they, each in their own ways, are involved in thinking about the place of geographical knowledge in society: whether it is the development of participatory GIS, reflections on popular geographical knowledges circulating in society, or how climate change and water affects people's daily life (lack of water, seawater management level, rapid floods, desalination, torrential rains, etc.).

Higher Education partners have strong ties to UPOL (for example through prior research and teaching activities and Erasmus exchanges - [REDACTED] were involved in Erasmus+ project (2014-1-UK01-KA203-001642) with the University of Malta). In Trondheim, August 2016 the three partners (NTNU, UPOL, UU) formed a consortium to continuously work with innovations of geography education across European educational systems. In this consortium, each partner brings in their own expertise. NTNU brings the knowledge from the field of innovations in education as well as blended learning - mainly via short educlips and using multimedia maps for domestic field trips, UU has a tradition with flipping the classroom and with innovating fieldwork. Within the Faculty of Geosciences, there is also deep knowledge about climate change and effects of seawater rise on urban development, UPOL is focused mainly on multimedia and participatory mapping and GeoGames, combined with environmental studies and sustainable development. UM represents a team member with specific experience in teacher education and their added value in the team is both the interdisciplinarity of their scope and the location as Malta is one of the most water-stressed countries in the world and the most highly-stressed for indigenous water sources in the EU. Representatives of UPOL, NTNU and UU met for the first in 2016 at the workshop titled "Games-based approach to field courses through the use of multimedia narratives" funded by NTNU Teaching Excellence Centre, although there were individual mobilities among the partners long before the first group meeting. From this meeting common project titled "Spillbasert tilnærming til feltkurs ved bruk av multimedia-narrativer - GEO GO" was established and funded by the Norwegian Agency for Digital Learning in Higher Education in 2016.

This proposal also introduces a new partner to our team - Finish start-up company Seppo who is creating a new kind of pedagogy that combines social learning and versatile ways of using mobile technology. Seppo was established by [REDACTED] who has a long experience in teaching and counselling. He has a passion for teaching and social learning. He has been working as a teacher for twenty years in the Kallio Upper Secondary school in Helsinki, Finland. Riku has been involved in many ICT related projects both in the city and national level in co-operation with the National Board of Education. We believe that adding Seppo will help us to cross the divide between academia and the everyday life of our students and the general public.

How will the tasks and responsibilities be distributed among the partners?

During the initial Kick-Off Meeting in Olomouc, working groups will be established, following already working cooperation from the previous EduChange project. Essentially, there will be two working groups formed from four participating staff members (one from each university). The first working group will be composed of all four key persons and will be dealing mainly with conceptual issues of the project (i.e. administration, project framework, learning methodologies, etc.); the second working group will be responsible for technical issues (i.e. learning material preparation, particular field course activities, local educational activities, etc.). Nevertheless, both working groups will be closely cooperating and it is supposed that the individual roles of each project staff member will merge/be switched when needed. In each group members will have their tasks allocated equally and will share the responsibility accordingly.

Participants

Please briefly describe how you will select and involve participants in the different activities of your project.

Annual course EduChange (ECTS credit-rated; 1 course per participating university per year) will be organised and students participating in this course will be involved in both the field course and local activities finalised with multiplier event and the end of each year cycle. If more students than places available will apply, the CV and motivation letter will be used to evaluate the applicants and to select the most optimal participants. The organisers strive for diversity and will make sure any student can apply for the course. The course will be promoted among students of involved departments and beyond.

In case of problems with the recruitment of participants, another partner will replenish the required number of the students with its own students provided that both partners are focused on the same field of study. Therefore, there will be two substitutes from each institution ready to join the team in any of the activities.

Some specific criteria can be applied locally according to the university curriculum or students' requirements.

Participants with fewer opportunities: does your project involve participants facing situations that make their participation more difficult?

No

Preparation

Please describe what will be done in preparation by your organisation/group and by your partners/group before the actual project activities take place, e.g. administrative arrangements, communication about the activities, selection of the persons, coaches, involvement of stakeholders, etc.

The project is built as a follow-up a successful Erasmus+ strategic partnership (2017-2020) titled “EduChange - Making Knowledge Together - Addressing Climate Change through Innovative Place-Based Education and Blended Learning - 2017-1-CZ01-KA203-035519”. The team already knows each other over three years and except the new Finish partner, we have been collaborating together also outside of the Erasmus+ project. Therefore we have already established regular Skype-based communication and built links between project partners. The initial Kick-Off Partnership Meeting will at first establish priorities and develop the timelines for implementing the innovation of the project and first Springschool that will take place at UPOL, Olomouc. Early meetings will also allow us to build rapport between partners. The preparation phase continues throughout the project and is woven together with implementation in an ongoing process.

Preparation framework is consisting of:

- preparatory phase of the project (initial Kick-Off Partnership Meeting) - the mutual introduction of all the staff members, identification of the key issues needed to be solved prior first course event, the final distribution of duties among the partners' institutions, working groups formation
- Introduction of new Finish partner and their experience with gamification
- editorial plan of curricula materials (handbooks, manuals and guides, leaflets, project presentations etc.)
- the creation of a mailing list and Skype conference groups
- web design - brainstorming about the website functions and appearance
- timetable justification
- setting-up an evaluation mechanism
- administrative arrangements (partnership agreements, budgetary matters, organizational issues)
- detailed planning with local high schools involved in the project
- e-learning platform preparations

Management

Funds for Project Management and Implementation

Funds for 'Project Management and Implementation' are provided to all Strategic Partnerships based on the number of participating organisations and duration of the project. The purpose of these funds is to cover diverse expenses that any project may incur, such as planning, communication between partners, small scale project materials, virtual cooperation, local project activities, promotion, dissemination and other similar activities not covered by other types of funding. A partnership may receive a maximum of 2750 EUR of 'Project Management and Implementation cost' per month

Organisation Role	Grant per organisation and per month	Number of Organisations	Grant
Applicant Organisation	500,00 EUR	1	18.000,00 EUR
Partner Organisation	250,00 EUR	4	36.000,00 EUR
Total		5	54.000,00 EUR

Please provide detailed information about the project activities that you will carry out with the support of the grant requested under the item 'Project Management and Implementation'

The Project Management and Implementation will support the successful functioning of the Strategic Partnership throughout the whole three years of the project lifespan. The grant will support the day-to-day planning of the programme, management of project finances, and communication between all sides, all of which will be led by UPOL. UPOL will also be responsible for monitoring progress in relation to targets, identifying obstacles to achieving schedules and leading on implementing and necessary conflict resolution. All the partners will use the funds for project management and implementation according to the funding rules and with the previous consultation with UPOL.

Transnational Project Meetings

Transnational project meetings: how often do you plan to meet, who will participate in those meetings, where will they take place and what will be the goal?

Four Transnational Project Meeting - Strategic Project Meetings (1x kick-off, 2x regular, and 1x pre-conference/final) - are planned to establish and justify priorities and develop the timelines for implementing the innovation of the Educhange 2.0 project. During these events, organisational issues, administrative arrangements, timetable, progress in curricula materials, intellectual outputs and others will be checked and discussed. Transnational project meetings are crucial for proper project goals implementation. All the staff members will be present at these meetings. There will be four Strategic Partnership member meetings (all lasting 2 days) in total during the project lifespan.

The first three meetings (ID1, ID2 and ID3) will be held in Utrecht - which is the city with the best location regarding all the other partner cities. None of the partners will need to change flight and some may even use a train to get to Utrecht. Based on the experience from previous EduChange project (also focused on Climate change) we aim to 1) decrease the number of travel needed and motivate members of the team to reduce flying (in accordance with a European Strategy for low-emission mobility) if possible. The last Transnational Project Meeting (ID4) will take place before the Final Conference in Olomouc (E5). The Meetings ID1-ID3 will take place at the beginning of the academic year (September-October), while ID4 will take place in June.

An Initial Project Meeting (ID1) of the Strategic Partnership organisers will take place in September 2020, to establish detailed priorities for the project. All project partners will attend, in order to consolidate rapport, clarify institutional needs and develop detailed implementation and dissemination plans. The main focus of this meeting is the annual project programme, held in the rotating locations (as regards the Springschools C1-C3). Responsibilities for work will be clarified in the initial meeting. Moreover, a detailed plan for the IO1 (EduChange 2.0 Manuals) will be discussed and set during this initial meeting. A further Strategic Project Meetings (ID2 and 3) will take place in September 2021 and 2022, at which priorities for action for the annual cycle will be discussed and planned. This meeting will also be used to review and plan key outputs, focusing upon the best method of analysing results, and disseminating these to stakeholders. The Final Project Meeting (ID4) is planned in June 2023 will be used to summarise all the activities of the EduChange 2.0 and final report preparation, project evaluation, and future possibilities for follow-ups, sustainability and results dissemination. The Final Project meeting serves also as a preparation for the Final Conference (E5). After each meeting, a regular (monthly or more frequent) VoIP-based communication will continue with the remit of monitoring and evaluating successes and deliverables and feeding back into future planning. This ongoing communication is essential because the programme seeks an inbuilt progression in project activities, and is deliberately self-reflexive in order to maximise the output.

Transnational Project Meetings Summary

Please specify the funds requested to organise the planned Transnational Project Meetings.

ID	Leading Organisation	Meeting Title	Country of Venue	Starting Period	No. of Participants	Grant
1	UNIVERSITEIT UTRECHT (E10209443, NL)	Kick off meeting	Netherlands	09-2020	8	4.600,00 EUR
2	UNIVERSITEIT UTRECHT (E10209443, NL)	2nd Transnational Meeting	Netherlands	09-2021	8	4.600,00 EUR
3	UNIVERSITEIT UTRECHT (E10209443, NL)	3rd Transnational Meeting	Netherlands	09-2022	8	4.600,00 EUR
4	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Evaluation and Wrap-up meeting	Czech Republic	06-2023	7	4.025,00 EUR
Total					31	17.825,00 EUR

Transnational Project Meetings Details 1

Meeting Title

Kick off meeting

Leading Organisation

UNIVERSITEIT UTRECHT (E10209443, NL)

Starting Period

09-2020

Country of Venue

Netherlands

Transnational Project Meetings Groups

 To estimate the distances between places, please use the European Commission's [distance calculator](#)

Id	Sending Organisation	Country of the Sending Organisation	No. of Participants	Distance Band	Grant per Participant	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Norway	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
2	UNIVERSITA TA MALTA (E10209037, MT)	Malta	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
3	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic	3	100 - 1999 km	575,00 EUR	1.725,00 EUR
4	Lentävä Liitutaulu (E10229379, FI)	Finland	1	100 - 1999 km	575,00 EUR	575,00 EUR
Total						4.600,00 EUR

Transnational Project Meetings Details 2

Meeting Title

2nd Transnational Meeting

Leading Organisation

UNIVERSITEIT UTRECHT (E10209443, NL)

Starting Period

09-2021

Country of Venue

Netherlands

Transnational Project Meetings Groups

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Id	Sending Organisation	Country of the Sending Organisation	No. of Participants	Distance Band	Grant per Participant	Grant
1	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic	3	100 - 1999 km	575,00 EUR	1.725,00 EUR
2	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Norway	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	Malta	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
4	Lentävä Liitutaulu (E10229379, FI)	Finland	1	100 - 1999 km	575,00 EUR	575,00 EUR
Total						4.600,00 EUR

Transnational Project Meetings Details 3

Meeting Title

3rd Transnational Meeting

Leading Organisation

UNIVERSITEIT UTRECHT (E10209443, NL)

Starting Period

09-2022

Country of Venue

Netherlands

Transnational Project Meetings Groups

 To estimate the distances between places, please use the European Commission's [distance calculator](#)

Id	Sending Organisation	Country of the Sending Organisation	No. of Participants	Distance Band	Grant per Participant	Grant
1	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic	3	100 - 1999 km	575,00 EUR	1.725,00 EUR
2	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Norway	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	Malta	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
4	Lentävä Liitutaulu (E10229379, FI)	Finland	1	100 - 1999 km	575,00 EUR	575,00 EUR
Total						4.600,00 EUR

Transnational Project Meetings Details 4

Meeting Title

Evaluation and Wrap-up meeting

Leading Organisation

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Starting Period

06-2023

Country of Venue

Czech Republic

Transnational Project Meetings Groups

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Id	Sending Organisation	Country of the Sending Organisation	No. of Participants	Distance Band	Grant per Participant	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Norway	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
2	UNIVERSITEIT UTRECHT (E10209443, NL)	Netherlands	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	Malta	2	100 - 1999 km	575,00 EUR	1.150,00 EUR
4	Lentävä Liitutaulu (E10229379, FI)	Finland	1	100 - 1999 km	575,00 EUR	575,00 EUR
Total						4.025,00 EUR

Project Management

How will you ensure proper budget control and time management in your project?

Budgeted expenditure will be controlled by a nominated financial administrator at the Project Service of UPOL. Funds will be electronically transferred to partners' subjects to the timing of budget lines. The project management is responsible for the regular supervision of the budget; the responsible persons for each of the project partners will approve all planned expenses in advance. The partners will establish separate accounting and dedicated accounts for the project. The applicant will have the possibility to check on this account at any given moment. All financial operations will be done in accordance with the rules of financing of the ERASMUS+ program.

Regular communication will be maintained between partners, and UPOL as the lead partner will be responsible for ensuring that partners keep to timelines in relation to different deliverables. All of the participating project partners have sufficient skills, knowledge, and competencies needed for successful completion of all the activities of the project and the successful implementation of all of its objectives.

VOIP communication tools (e.g. Skype), common university OwnCloud (following the European GDPR directive) and/or project management software (such as the Slack, or similar) will help the time management and general project management processes within the team and the project. All the managerial procedures will be fully transparent and accessible to all partners.

How will the progress, quality and achievement of project activities be monitored? Please describe the qualitative and quantitative indicators you will use. Please give information about the involved staff, as well as the timing and frequency of the monitoring activities.

There will be ongoing monitoring and evaluation throughout the EduChange 2.0 project. During the project, any problems that occur will be referred to an immediate virtual meeting (VoIP bases, e.g. Skype). At the Strategic Project Meetings (or during the activities where all key staff members are present) all partners will discuss and identify solutions to obstacles, and risks to delivery. UPOL will have the role of a project coordinator and leading partner, each activity during the project will be monitored by UPOL staff involved in this project. The quality of students will be ensured by selection criteria (CV, motivation letter, personal interviews). The selection process is designed to ensure the optimal mix of students' skills (professional and language) needed for the EduChange 2.0 courses. The evaluation of each output will be performed immediately after the particular activity by the project team. The stress will be put on the effectiveness of Springschools, students' local outreach events/projects, quality of our teaching materials and approaches. Every partner is obliged to monitor and evaluate all activities for which is responsible. Evaluation data will be fed back to the leading partner and will be used to justify the project content.

Indicators will be checked regularly (annually), where applicable, such as:

1. The innovation of the participating institutions' curricula by the development of Annual EduChange 2.0 courses (ECTS credit-rated; 1 course per participating university per year).
2. EduChange 2.0 learning and teaching materials (handbooks, manuals, guides, e-learning, virtual lectures, telecollaboration, multimedia etc.; as necessary)
3. Research results (papers, conference appearances, posters as necessary)
4. Popular-scientific articles (15 articles, i.e. 3 per partner organisation) about the EduChange 2.0
5. For each year of the cycle, Interactive StoryMap will be created (at least 3 in total)
6. Students' actions/events for school students, university classmates and/or general public described in template worksheet (8 events/year - total at least 24 events)
7. Infrastructure for educational material (1 e-learning platform + StoryMaps mentioned in point 5)
8. Conference proceedings (1 final conference proceedings)

How will you evaluate to which extent the project reached its results and objectives? What indicators will you use to measure the quality of the project's results?

Evaluation data will be fed back to the leading partner and will be used to justify the project content. It will be used to improve staff/students training and learning performance, which will lead to the individual growth of competences. Evaluation of the results will be presented to the wide public (via the website and other media) and will be included in the final report and presented at the Final Conference (E5) Achievements of the project will be controlled by the project management. At the beginning of the project, all the necessary indicators (quantitative and qualitative) will be defined.

Nevertheless, indicators for project success might be as follows:

(i) Quantitative:

1. The innovation of the participating institutions' curricula by the development of Annual EduChange 2.0 courses (ECTS credit-rated; 1 course per participating university per year).
2. EduChange 2.0 learning and teaching materials (handbooks, manuals, guides, e-learning, virtual lectures, telecollaboration, multimedia etc.; as necessary)
3. Research results (papers, conference appearances, posters as necessary)
4. Popular-scientific articles (15 articles, i.e. 3 per partner organisation) about the EduChange 2.0
5. For each year of the cycle, Interactive StoryMap will be created (at least 3 in total)
6. Students' actions/events for school students, university classmates and/or general public described in template worksheet (8 events/year - total at least 24 events)
7. Infrastructure for educational material (1 e-learning platform)
8. Conference proceedings (1 final conference proceedings)

(ii) Qualitative

- Improved skills in geoparticipation and active citizenship
- Trained and experienced students and staff
- Improvement of the methods concerning the geoinformatics/geography, gamification, science education, Climate change education, (geo)participatory approaches
- Improvement of the students' skills in the sense of acquired knowledge and skills, working in teams, decision making, playful methodologies, creativity, innovation, use of IT in education,
- Enhancement of cooperation between participating institutions
- Self-experiences with outreach and awareness-raising campings.

What are your plans for handling risks which could happen during the project (e.g. delays, budget, conflicts, etc.)?

The governance of the project will be set up in the initial Strategic Partnership meeting in Utrecht. All the potential conflicts and problems will be solved at the Strategic Partnership Meetings or during the activities (Springschool). Any urgent matter will be addressed via virtual meetings. The project activities are taking place relatively often, therefore it is possible to handle project risks personally on a regular basis. Regular monitoring (every 6 months) of the progress of the project, output control, a time schedule and financial limits will eliminate all major risks. The experienced project team will take care of a proper observance of the activities plan. All partners will discuss risks to delivery and identify solutions to obstacles. The key persons in the project will ensure that any kind of potential risk will be managed immediately in order to avoid discrepancies between partners.

Selection of the students will ensure appropriate composition of participants. A strong appeal will be made to the students' initial motivation to be part of a unique international and interdisciplinary team and their motivation to be active before and after the Springschool, especially in creating the local outreach events/projects. Nevertheless, each institution will have two substitutes ready to join the team in any of the activities. In case of problems with recruitment of participants, other partners will replenish the required number of the students with its own students. Following the timetable will be ensured by UPOL Project Service in collaboration with [REDACTED]. Risks created by changes in personnel during the project implementation will be eliminated by the selection of adequately skilled persons.

the project has formed the technical infrastructure that allows handling complex situations like the current COVID-19 virus, by using virtual meetings, VR excursions, and work on several online platforms.

The other risks and their mitigation options are described in a contingency plan table in the Annexes part.

Implementation

Please explain how will the project activities lead to the achievement of the project objectives and delivery of the planned results.

The key objectives of the project are:

- 1) use approaches of active citizenship, citizen science, gamification and geoparticipation to help our students to become the agents of change, regarding climate change issues
- 2) teach students about climate change effects related to wicked problems and how to teach/communicate it in a way that sets people up for action (through blended mobility within interdisciplinary and multinational ECTS course),
- 3) assess and frame the potential of playful and geoparticipatory approaches in education
- 4) help students to develop and apply playful and geoparticipatory activities for high school students, university students and general public
- 5) bring scientists with different background and representatives of edutainment start-up together in order to boost research in the field of playful and geoparticipatory methodologies in higher education and Climate change education
- 6) to disseminate and exploit unique project result in the field of playful and geoparticipatory activities to a wider audience.
- 7) improve students skills and allow them to realise their own projects with keeping the project values in mind (Environmental ethics, ecological citizenship, digital literacy and critical approaches)

Achievement of above-mentioned objectives is essentially connected with the project activities:

- a) blended mobility of higher education students (Springschool with virtual meetings before and after the event), where students are taught about Climate change effects, advances in geoparticipatory approaches and novelty in gamification. This is done both by virtual (using the telecollaborative environment and its tools (Skype, MS Teams, Zoom, etc.) and physical mobility (active participation at the Springschool). This is a central feature of the project with the ECTS credit-rated course. This activity will lead to the achievement of the objective 1), 2), and 3)
- b) transnational project meetings and multiplier events (Strategic Project Meetings and Final Conference), where all involved participants will help to further develop and playtest the activities for their own multiplier's events regarding the Climate change. Moreover, these activities also aim at the creation of materials that will be presented and disseminated to the wider audience. These activities are essential to achieving the objective 4), and 5).
- c) local multiplier events in four participating universities will allow students to deploy their own activities, realise them and then present the results to the wider public. As the students' activities might be of different nature (technologically, methodologically, etc.), we aim to afford as much freedom for creativity as possible while guiding them methodologically and technically. These activities are crucial for achieving the objective 3) and 6).

Detailed description (including timing, particular tasks, numbers, places, methodologies) of all activities are provided elsewhere in the proposal. An overview scheme of the EduChange 2.0 project main activities can be found in the Annex part of this proposal. The implementation phase will support the successful functioning of the Strategic Partnership throughout the whole three years of the project. The grant will support the day-to-day planning of the programme, management of the project finances, and communication between all sides, and other activities, which will secure the delivery of planned results

How will you communicate and cooperate with your partners?

Cooperation and communication between project partners will take place in a mix of real and virtual contexts. A regular series of VoIP-based meetings (e.g. Skype) will be established to deliver the programme. An e-mail will be the default method outside of VoIP sessions. In addition, a project website, virtual telecollaborative environment (Skype, MS Teams, Zoom, etc.), and social media will allow participants to share ideas. The contact (key) persons will communicate on a regular basis in order to organise people from their institutions. Ongoing communication is essential because the Educhange 2.0 programme seeks an inbuilt progression in all activities, and is deliberately self-reflexive in order to maximise output. In crafting out this proposal, as well as in the predecessor project, the team has already worked in the modes mentioned above and as such has developed a habitus of both efficient and meaningful communication. Besides electronic communication, physical mobility meetings are inevitable. There will be several opportunities per project year cycle to meet personally - 1) Strategic Project Meetings - as a Transnational Project Meetings, 2) Springschools, 3) common conference and other scientific meetings. The project events, besides their original objectives, will also serve as a platform for the project team discussions/evaluation of previous progress.

Intellectual Outputs

Do you plan to include Intellectual Outputs in your project?

Yes

In case you plan to include Intellectual Outputs please describe them here.

Intellectual Outputs Summary

ID	Leading Organisation	Output Title	Starting Period	Grant
O1	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	EduChange 2.0 Manuals including a website with edu-platform	09-2020	20.622,00 EUR
O2	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	EduChange 2.0 Scientific, Educational and Popularisation Papers	09-2020	8.046,00 EUR
O3	Lentävä Liitutaulu (E10229379, FI)	EduChange 2.0 Educational games	09-2020	4.698,00 EUR
O4	UNIVERSITEIT UTRECHT (E10209443, NL)	EduChange 2.0 - Climate change public outreach methodology and events	09-2020	3.780,00 EUR
Total				37.146,00 EUR

Output Title O1

Output Title	EduChange 2.0 Manuals including a website with edu-platform
Output Type	Learning / teaching / training material – Manual / handbook / guidance material
Start Date (yyyy-mm-dd)	2020-09-01
End Date (yyyy-mm-dd)	2023-08-31

Output Description (including: needs analysis, target groups, elements of innovation, expected impact and transferability potential)

This output represents the main pedagogical/curricular material of the project - EduChange 2.0 - Promoting active citizenship through innovative geoparticipatory methods to tackle wicked-environmental problems. The IO1 includes the project year cycle, where students will experience distant/online teaching, field-based Springschool as well as their own activities and multipliers events. Created manuals (and other teaching materials, such as handbooks, presentations, guidance materials, etc.) will provide the students with an overview of innovative active citizenship, geoparticipatory and gamification methods to teach about Climate change. The manuals will be available to the students at the Springschools (C1-C3), as well as any time afterwards via the e-learning part of the project webpage.

Please describe the division of work, the tasks leading to the production of the intellectual output and the applied methodology

This output is the resulting professional teaching and learning materials coming from the project activities. It will emerge from the real deployment of methods used in project Springschool, learning and teaching activities, overall experience, scientific results and best practices. As this output is one of the most formal and crucial, it is important to perform the following tasks (responsibilities in brackets):

- methodology concept preparation (all partners)
- literature review (all partners)
- selection of teaching, geoparticipatory and gamification methods addressing project aims the most (all partners)
- video tutorials of gamification methods (Seppo)
- video tutorials of geoparticipatory, active citizenship and wicked environmental problems issues/methods (UPOL)
- staff crosswise proofreading (all partners)
- dissemination (all partners)

This IO1 will be realised mainly before and during the EduChange 2.0 Springschool. All the responsibilities/duties for the methodology will be divided by the leader of the activity (UPOL) based on team discussions. All the partners will carry the same amount of tasks in order to distribute the overall workload. EduChange 2.0 methodology will require the greatest amount of working days from each partner due to its high importance as the main curricula output of the project.

Leading Organisation	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)
Media	Interactive Resource Paper Brochures

	Publications
	Text
	Video
	Website
	Dataset
	Other
Participating Organisations	Lentävä Liitutaulu (E10229379, FI) NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) UNIVERSITA TA MALTA (E10209037, MT) UNIVERSITEIT UTRECHT (E10209443, NL)
Languages	English

Intellectual Output Budget

Please specify the staff resources which you need to produce the Intellectual Output.

Id	Organisation	Managers	Teachers/Trainers/Researchers	Technicians	Administrative Support Staff	Grant
1	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	0,00 EUR	3.288,00 EUR	1.020,00 EUR	0,00 EUR	4.308,00 EUR
2	Lentävä Liitutaulu (E10229379, FI)	0,00 EUR	0,00 EUR	1.458,00 EUR	0,00 EUR	1.458,00 EUR
3	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	0,00 EUR	5.784,00 EUR	0,00 EUR	0,00 EUR	5.784,00 EUR
4	UNIVERSITA TA MALTA (E10209037, MT)	0,00 EUR	3.288,00 EUR	0,00 EUR	0,00 EUR	3.288,00 EUR
5	UNIVERSITEIT UTRECHT (E10209443, NL)	0,00 EUR	5.784,00 EUR	0,00 EUR	0,00 EUR	5.784,00 EUR
Total		0,00 EUR	18.144,00 EUR	2.478,00 EUR	0,00 EUR	20.622,00 EUR

Intellectual Output Budget Details E10208271

Organisation	Country of the Organisation
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	24	10	0	34
Grant per Day	0,00 EUR	137,00 EUR	102,00 EUR	0,00 EUR	
Grant	0,00 EUR	3.288,00 EUR	1.020,00 EUR	0,00 EUR	4.308,00 EUR

Intellectual Output Budget Details E10229379

Organisation	Country of the Organisation
Lentävä Liitutaulu (E10229379, FI)	Finland

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	0	9	0	9
Grant per Day	0,00 EUR	0,00 EUR	162,00 EUR	0,00 EUR	
Grant	0,00 EUR	0,00 EUR	1.458,00 EUR	0,00 EUR	1.458,00 EUR

Intellectual Output Budget Details E10209399

Organisation

Country of the Organisation

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

Norway

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	24	0	0	24
Grant per Day	0,00 EUR	241,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	5.784,00 EUR	0,00 EUR	0,00 EUR	5.784,00 EUR

Intellectual Output Budget Details E10209037

Organisation

Country of the Organisation

UNIVERSITA TA MALTA (E10209037, MT)

Malta

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	24	0	0	24
Grant per Day	0,00 EUR	137,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	3.288,00 EUR	0,00 EUR	0,00 EUR	3.288,00 EUR

Intellectual Output Budget Details E10209443

Organisation	Country of the Organisation
UNIVERSITEIT UTRECHT (E10209443, NL)	Netherlands

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	24	0	0	24
Grant per Day	0,00 EUR	241,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	5.784,00 EUR	0,00 EUR	0,00 EUR	5.784,00 EUR

Output Title O2

Output Title	EduChange 2.0 Scientific, Educational and Popularisation Papers
Output Type	Studies / analysis – Research study / report
Start Date (yyyy-mm-dd)	2020-09-01
End Date (yyyy-mm-dd)	2023-08-31

Output Description (including: needs analysis, target groups, elements of innovation, expected impact and transferability potential)

This intellectual output supports the activity carried out during the activities C1-C3 (Springschools) as well as during other parts of the project. As the proposed project - EduChange 2.0 - contains activities that lead to significant innovative methodologies in the education about Climate change and usage of geoparticipatory and gamification methods as a proxy to active citizenship, the novelty of the EduChange 2.0 should then be exploited by as many relevant stakeholders as possible. It is intended to publish papers indexed in academic databases, as well as popular or educational papers from teachers community or general public too. Scientific papers are dedicated to the audience from academia, and research domains and it is hoped that it will help to create a snowball effect in terms of future extended cooperation in the field of EduChange 2.0 project and in the field of active citizenship. This could also lead to new funding and research opportunities, from which the educational institutions will benefit. The educational paper is meant to be scientific-popular articles serving as a promoting material for lower education teachers and students. This will also significantly help the EduChange 2.0 to be recognised by professionals and the wider public. During the project, all staff members will take every opportunity to express factual and personal experiences of the EduChange 2.0 to develop young people's/scholar's interest in this type of educational activity. In other words, active participation in various conferences is a part of this IO as well.

Please describe the division of work, the tasks leading to the production of the intellectual output and the applied methodology

In order to fulfil above-mentioned, it is important to follow these methodological steps:

- Initial brainstorming about possible topics to be investigated
- Formation of working sub-groups from the staff members (based on common topics/interests)
- Define research questions
- Collect data (especially during the Springschools), with respect to research ethics
- Apply qualitative and quantitative methods for data analysis
- Interpretation of results
- Writing scientific, educational and popular papers
- Internal reviews of the manuscripts
- Discussion and finalisation of the papers
- Potential presentation on conferences

This process is not entirely applicable to popular articles, which will be written continuously during the project lifespan, and will cover “smaller” topics and aspects from the EduChange 2.0, and could be written/presented in the national languages, sometimes written or co-written also by students. This intellectual output will be carried out during the whole project. It is expected that all partners will work on these outputs equally, which will be coordinated by UPOL.

Leading Organisation

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Media

Broadcast
Oral
Press
Publications
Radio
Social Media
Television
Video
Website
Other

Participating Organisations

Lentävä Liitutaulu (E10229379, FI) NORGES TEKNISK-NATURVITENSKAPELIGE
UNIVERSITET NTNU (E10209399, NO) UNIVERSITA TA MALTA (E10209037, MT)
UNIVERSITEIT UTRECHT (E10209443, NL)

Languages

Czech Dutch English Finnish Norwegian Maltese

Intellectual Output Budget

Please specify the staff resources which you need to produce the Intellectual Output.

Id	Organisation	Managers	Teachers/Trainers/Researchers	Technicians	Administrative Support Staff	Grant
1	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	0,00 EUR	1.370,00 EUR	0,00 EUR	0,00 EUR	1.370,00 EUR
2	Lentävä Liitutaulu (E10229379, FI)	0,00 EUR	0,00 EUR	486,00 EUR	0,00 EUR	486,00 EUR
3	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	0,00 EUR	2.410,00 EUR	0,00 EUR	0,00 EUR	2.410,00 EUR
4	UNIVERSITA TA MALTA (E10209037, MT)	0,00 EUR	1.370,00 EUR	0,00 EUR	0,00 EUR	1.370,00 EUR
5	UNIVERSITEIT UTRECHT (E10209443, NL)	0,00 EUR	2.410,00 EUR	0,00 EUR	0,00 EUR	2.410,00 EUR
Total		0,00 EUR	7.560,00 EUR	486,00 EUR	0,00 EUR	8.046,00 EUR

Intellectual Output Budget Details E10208271

Organisation	Country of the Organisation
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	10	0	0	10
Grant per Day	0,00 EUR	137,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	1.370,00 EUR	0,00 EUR	0,00 EUR	1.370,00 EUR

Intellectual Output Budget Details E10229379

Organisation	Country of the Organisation
Lentävä Liitutaulu (E10229379, FI)	Finland

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	0	3	0	3
Grant per Day	0,00 EUR	0,00 EUR	162,00 EUR	0,00 EUR	
Grant	0,00 EUR	0,00 EUR	486,00 EUR	0,00 EUR	486,00 EUR

Intellectual Output Budget Details E10209399

Organisation

Country of the Organisation

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

Norway

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	10	0	0	10
Grant per Day	0,00 EUR	241,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	2.410,00 EUR	0,00 EUR	0,00 EUR	2.410,00 EUR

Intellectual Output Budget Details E10209037

Organisation

Country of the Organisation

UNIVERSITA TA MALTA (E10209037, MT)

Malta

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	10	0	0	10
Grant per Day	0,00 EUR	137,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	1.370,00 EUR	0,00 EUR	0,00 EUR	1.370,00 EUR

Intellectual Output Budget Details E10209443

Organisation	Country of the Organisation
UNIVERSITEIT UTRECHT (E10209443, NL)	Netherlands

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	10	0	0	10
Grant per Day	0,00 EUR	241,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	2.410,00 EUR	0,00 EUR	0,00 EUR	2.410,00 EUR

Output Title O3

Output Title	EduChange 2.0 Educational games
Output Type	Learning / teaching / training material – Educational game
Start Date (yyyy-mm-dd)	2020-09-01
End Date (yyyy-mm-dd)	2023-08-31
Output Description (including: needs analysis, target groups, elements of innovation, expected impact and transferability potential)	
<p>Many educators are wondering how to get learners more motivated about their subject(s). It can be hard to maintain one's own motivation when faced with a room full of students bored out of their minds. By using Seppo (gamification app and tool), the teachers (in our case students to be teachers) can create games that are suited to their own students. Game-based learning helps to empower students. In a game, players carry the responsibility for their actions. They have to make a number of important decisions, for example, should they score points by completing quick, easy tasks, or aim for bigger, more challenging tasks that would score them more points? Collaboration is a crucial part of Seppo games. When learners solve tasks as a team, they can utilise the knowledge and strengths of individual team members and come up with solutions together. Achieving a common goal fosters team spirit, which continues to live on even after the game has finished. Games encourage the players to try out new things and to take risks. In a game, it's okay if you don't know how to do something straight away because failing and learning from it are a part of the game. You can use the positive experiences for your advantage, but 'failures' can be explained by pointing out that it was just a game. These days students are used to interacting via technology in their everyday life. It, therefore, makes all the sense to harness tablets and smartphones for learning. In gamified learning, students can show their knowledge in a number of ways.</p> <p>With our collaboration with Lentävä Liitutaulu, we expect our students to learn how to gamify their lessons, how to use gamification app Seppo (which licences will be available from Lentävä Liitutaulu) and how to use and evaluate its deployment in their classes. The knowledge gained via this IO will be used by students in their projects and multipliers events (E1-E4). The output of this IO will be a set of games about climate change created in Seppo platform freely available for teachers but as well as the general public to be used as needed.</p>	
Please describe the division of work, the tasks leading to the production of the intellectual output and the applied methodology	
<p>EduChange 2.0 Educational games (IO3) will be coordinated by our partner from the business - Lentävä Liitutaulu - the producer of Gamification app Seppo. The HE partners will be responsible for the context of gamification app and its games, but Lentävä Liitutaulu will play the role of an expert in the field of gamification.</p>	
Leading Organisation	Lentävä Liitutaulu (E10229379, FI)
Media	Console game Website
Participating Organisations	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) UNIVERSITA TA MALTA (E10209037, MT) UNIVERSITEIT UTRECHT

Languages

(E10209443, NL) UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

English

Intellectual Output Budget

Please specify the staff resources which you need to produce the Intellectual Output.

Id	Organisation	Managers	Teachers/Trainers/Researchers	Technicians	Administrative Support Staff	Grant
1	Lentävä Liitutaulu (E10229379, FI)	0,00 EUR	0,00 EUR	2.430,00 EUR	0,00 EUR	2.430,00 EUR
2	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	0,00 EUR	723,00 EUR	0,00 EUR	0,00 EUR	723,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	0,00 EUR	411,00 EUR	0,00 EUR	0,00 EUR	411,00 EUR
4	UNIVERSITEIT UTRECHT (E10209443, NL)	0,00 EUR	723,00 EUR	0,00 EUR	0,00 EUR	723,00 EUR
5	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	0,00 EUR	411,00 EUR	0,00 EUR	0,00 EUR	411,00 EUR
Total		0,00 EUR	2.268,00 EUR	2.430,00 EUR	0,00 EUR	4.698,00 EUR

Intellectual Output Budget Details E10229379

Organisation

Country of the Organisation

Lentävä Liitutaulu (E10229379, FI)

Finland

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	0	15	0	15
Grant per Day	0,00 EUR	0,00 EUR	162,00 EUR	0,00 EUR	
Grant	0,00 EUR	0,00 EUR	2.430,00 EUR	0,00 EUR	2.430,00 EUR

Intellectual Output Budget Details E10209399

Organisation

Country of the Organisation

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

Norway

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	3	0	0	3
Grant per Day	0,00 EUR	241,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	723,00 EUR	0,00 EUR	0,00 EUR	723,00 EUR

Intellectual Output Budget Details E10209037

Organisation	Country of the Organisation
UNIVERSITA TA MALTA (E10209037, MT)	Malta

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	3	0	0	3
Grant per Day	0,00 EUR	137,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	411,00 EUR	0,00 EUR	0,00 EUR	411,00 EUR

Intellectual Output Budget Details E10209443

Organisation	Country of the Organisation
UNIVERSITEIT UTRECHT (E10209443, NL)	Netherlands

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	3	0	0	3
Grant per Day	0,00 EUR	241,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	723,00 EUR	0,00 EUR	0,00 EUR	723,00 EUR

Intellectual Output Budget Details E10208271

Organisation	Country of the Organisation
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	3	0	0	3
Grant per Day	0,00 EUR	137,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	411,00 EUR	0,00 EUR	0,00 EUR	411,00 EUR

Output Title O4

Output Title	EduChange 2.0 - Climate change public outreach methodology and events
Output Type	Services / structures – Public awareness campaigns / outreach activities
Start Date (yyyy-mm-dd)	2020-09-01
End Date (yyyy-mm-dd)	2023-08-31

Output Description (including: needs analysis, target groups, elements of innovation, expected impact and transferability potential)

In the paper titled Pupils' global thinking: a comparison of selected European countries (██████████), the authors describe that there is currently stress on the need to bring up the individuals able to look at global trends from various viewpoints, and tolerating and respecting people from other cultures, with different religions and worldviews as well. The study explores the way the task is fulfilled in among other countries also in the Netherlands, Finland, Czechia. A questionnaire survey has found out that students' world-mindedness is situated roughly in the middle of the scale, between the national and global perspective. While the average value of the sample is primarily lowered by the students from Hungary and Czechia, those from Germany and Finland considerably exceed the value. Although the research was not focused directly on climate change perceptions, we see parallels between our project topics and global thinking (global education) aims.

Via this Intellectual Output, we aim to prepare our students to be able to plan and organise public outreach and awareness-raising campaigns and events (E1-E4). As a part of this IO students will be supplied by support materials regarding event planning, public outreach and campaign support. The IO will be realised during the Springschool events (C1-C3). After the Springschools, students will continue in preparing the E1-E4 events in their respective countries with the support of their local teachers as well as with telecollaborative support of teacher/experts from other partner institutions.

Please describe the division of work, the tasks leading to the production of the intellectual output and the applied methodology

Preparation of Climate change public outreach methodology and events represents a crucial part in the successful realisation of E1-E4 events, therefore we include whole HE team in creating this source of information for participating students during Springschools. Therefore, this output needs to be done in advance of blended mobility activities. In order to do so, the tasks will be distributed among each member of the consortium during the first Kick-off (ID1) meeting and will be consisting of:

- Literature overview
- Methods of public outreach (UU)
- Methods of data quality, data literacy and data ethics (UPOL)
- Methods of Education for Sustainable Development (UM)
- Methods of VR inclusion in awareness-raising campaigns (NTNU)
- Software manuals (in sense of step-by-step guide for handling specific software for geoparticipatory or gamification events) (all)
- Case studies and applications (all)

All tasks will be accomplished with respect to partners' specialisations. The workload is divided equally without the Finnish partner, who will be involved intensely in supporting of EduChange 2.0 Educational games (IO3). Creation of the learning and teaching materials themselves will be done jointly.

Resulting materials will be prepared in the form of presentations, “white papers”, manuals, handbooks, tutorials, case studies etc, as mainly as open-source electronic (interactive and e-learning) form. This intellectual output will be carried out mainly during the first five months of the project cycle/year and updated/review after the first cycle of the project in order to provide the most up-to-date materials including the results of students evaluations and usage in E1-E4.

Leading Organisation

UNIVERSITEIT UTRECHT (E10209443, NL)

Media

Event
Exhibition
Oral
Other
Paper Brochures
Press
Radio
Television
Video
Website

Participating Organisations

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) UNIVERSITA TA MALTA (E10209037, MT) UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Languages

English

Intellectual Output Budget

Please specify the staff resources which you need to produce the Intellectual Output.

Id	Organisation	Managers	Teachers/Trainers/Researchers	Technicians	Administrative Support Staff	Grant
1	UNIVERSITEIT UTRECHT (E10209443, NL)	0,00 EUR	1.205,00 EUR	0,00 EUR	0,00 EUR	1.205,00 EUR
2	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	0,00 EUR	1.205,00 EUR	0,00 EUR	0,00 EUR	1.205,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	0,00 EUR	685,00 EUR	0,00 EUR	0,00 EUR	685,00 EUR
4	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	0,00 EUR	685,00 EUR	0,00 EUR	0,00 EUR	685,00 EUR
Total		0,00 EUR	3.780,00 EUR	0,00 EUR	0,00 EUR	3.780,00 EUR

Intellectual Output Budget Details E10209443

Organisation

UNIVERSITEIT UTRECHT (E10209443, NL)

Country of the Organisation

Netherlands

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	5	0	0	5
Grant per Day	0,00 EUR	241,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	1.205,00 EUR	0,00 EUR	0,00 EUR	1.205,00 EUR

Intellectual Output Budget Details E10209399

Organisation

Country of the Organisation

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

Norway

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	5	0	0	5
Grant per Day	0,00 EUR	241,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	1.205,00 EUR	0,00 EUR	0,00 EUR	1.205,00 EUR

Intellectual Output Budget Details E10209037

Organisation	Country of the Organisation
UNIVERSITA TA MALTA (E10209037, MT)	Malta

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	5	0	0	5
Grant per Day	0,00 EUR	137,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	685,00 EUR	0,00 EUR	0,00 EUR	685,00 EUR

Intellectual Output Budget Details E10208271

Organisation	Country of the Organisation
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic

Category of Staff	Managers	Teachers/Trainers/Researchers	Technicians	Administrative support staff	Total
No. of Working Days	0	5	0	0	5
Grant per Day	0,00 EUR	137,00 EUR	0,00 EUR	0,00 EUR	
Grant	0,00 EUR	685,00 EUR	0,00 EUR	0,00 EUR	685,00 EUR

Multiplier Events

Do you plan to include Multiplier Events in your project?

Yes

Multiplier Events Summary

ID	Leading Organisation	Event Title	Starting Period	Grant
E1	UNIVERSITEIT UTRECHT (E10209443, NL)	Multiplier Event Utrecht Students	03-2021	4.500,00 EUR
E2	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Multiplier Event Olomouc Students	03-2021	4.500,00 EUR
E3	UNIVERSITA TA MALTA (E10209037, MT)	Multiplier Event Malta Students	03-2021	4.500,00 EUR
E4	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Multiplier Event Trondheim Students	03-2021	4.500,00 EUR
E5	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Educhange 2.0 Final conference	06-2023	8.500,00 EUR
Total				26.500,00 EUR

Grant support for Multiplier Events can only be asked for if the project intends to produce substantial Intellectual Outputs. Other dissemination activities will be supported via the grant item Project Management and Implementation.

Multiplier Event Details E1

Event Title

Multiplier Event Utrecht Students

Country of Venue

Netherlands

Start Date (yyyy-mm-dd)

2021-03-01

End Date (yyyy-mm-dd)

2023-08-31

Event Description (Including : Targets groups and objectives)

This description is the same for E1-E4, as the target groups and objectives for the multipliers events will be identical in all four university cities.

With experience from our first Erasmus+ Strategic Partnership project "EduChange - Making Knowledge Together - Addressing Climate Change through Innovative Place-Based Education and Blended Learning - 2017-1-CZ01-KA203-035519" we have decided, that instead of doing only one major conference at the end of the project, we will involve students in organising the multipliers events every year in every university city. Each university will divide their students into two teams, this means, that every year, there will be eight smaller multipliers events in four university cities. These events are directly related to the participatory activities students design during their participation in EduChange 2.0.

The multipliers events will be small scale - 45/3 years = 15/year = 7-8 people per group (2 groups every year at every university), but it will allow our students to target their activities better and to diversify their target groups. We tend to allow our students reasonable freedom in selecting the topics, target groups and methods for their activities and multiplier events. They will, nevertheless, be limited to students (primary, secondary or tertiary), local communities and/or general public (if the topic would be very specific). We can forecast that the events, organised by students, can be seminars for students/teachers, exhibitions, discussion panels with local community and representatives, educational games, participatory mapping events, etc.

Nevertheless, all the events will have the same objective - to raise awareness, to educate, or to tackle Climate change issues/impacts in the specific location. All results presented at the multipliers events will be made available online/open-source immediately after the events on the project webpage.

By allowing students the freedom, we will spark active citizenship spirit in them and give them the most valuable lesson we can provide - that they are responsible for what will happen in their community/neighbourhood. We believe that this part of our project is really innovative and will offer our students experience, that traditional university classes miss providing. Although the events will be independently organised by students, we will offer them 100% support in materials, human resources, advises, location, and any other way students will require.

Intellectual Outputs Covered

EduChange 2.0 - Climate change public outreach methodology and events

Leading Organisation

UNIVERSITEIT UTRECHT (E10209443, NL)

Multiplier Event Budget

ID	Organisation	Country of the Organisation	Local Participants	Foreign Participants	Grant per Local Participant	Grant per Foreign Participant	Grant
1	UNIVERSITEIT UTRECHT (E10209443, NL)	Netherlands	45	0	100,00 EUR	200,00 EUR	4.500,00 EUR
Total							4.500,00 EUR

Multiplier Event Details E2

Event Title

Multiplier Event Olomouc Students

Country of Venue

Czech Republic

Start Date (yyyy-mm-dd)

2021-03-01

End Date (yyyy-mm-dd)

2023-08-31

Event Description (Including : Targets groups and objectives)

This description is the same for E1-E4, as the target groups and objectives for the multipliers events will be identical in all four university cities.

With experience from our first Erasmus+ Strategic Partnership project "EduChange - Making Knowledge Together - Addressing Climate Change through Innovative Place-Based Education and Blended Learning - 2017-1-CZ01-KA203-035519" we have decided, that instead of doing only one major conference at the end of the project, we will involve students in organising the multipliers events every year in every university city. Each university will divide their students into two teams, this means, that every year, there will be eight smaller multipliers events in four university cities. These events are directly related to the participatory activities students design during their participation in EduChange 2.0.

The multipliers events will be small scale - 45/3 years = 15/year = 7-8 people per group (2 groups every year at every university), but it will allow our students to target their activities better and to diversify their target groups. We tend to allow our students reasonable freedom in selecting the topics, target groups and methods for their activities and multiplier events. They will, nevertheless, be limited to students (primary, secondary or tertiary), local communities and/or general public (if the topic would be very specific). We can forecast that the events, organised by students, can be seminars for students/teachers, exhibitions, discussion panels with local community and representatives, educational games, participatory mapping events, etc.

Nevertheless, all the events will have the same objective - to raise awareness, to educate, or to tackle Climate change issues/impacts in the specific location. All results presented at the multipliers events will be made available online/open-source immediately after the events on the project webpage.

By allowing students the freedom, we will spark active citizenship spirit in them and give them the most valuable lesson we can provide - that they are responsible for what will happen in their community/neighbourhood. We believe that this part of our project is really innovative and will offer our students experience, that traditional university classes miss providing. Although the events will be independently organised by students, we will offer them 100% support in materials, human resources, advises, location, and any other way students will require.

Intellectual Outputs Covered

EduChange 2.0 - Climate change public outreach methodology and events

Leading Organisation

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Multiplier Event Budget

ID	Organisation	Country of the Organisation	Local Participants	Foreign Participants	Grant per Local Participant	Grant per Foreign Participant	Grant
1	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic	45	0	100,00 EUR	200,00 EUR	4.500,00 EUR
Total							4.500,00 EUR

Multiplier Event Details E3

Event Title

Multiplier Event Malta Students

Country of Venue

Malta

Start Date (yyyy-mm-dd)

2021-03-01

End Date (yyyy-mm-dd)

2023-08-31

Event Description (Including : Targets groups and objectives)

This description is the same for E1-E4, as the target groups and objectives for the multipliers events will be identical in all four university cities.

With experience from our first Erasmus+ Strategic Partnership project "EduChange - Making Knowledge Together - Addressing Climate Change through Innovative Place-Based Education and Blended Learning - 2017-1-CZ01-KA203-035519" we have decided, that instead of doing only one major conference at the end of the project, we will involve students in organising the multipliers events every year in every university city. Each university will divide their students into two teams, this means, that every year, there will be eight smaller multipliers events in four university cities. These events are directly related to the participatory activities students design during their participation in EduChange 2.0.

The multipliers events will be small scale - 45/3 years = 15/year = 7-8 people per group (2 groups every year at every university), but it will allow our students to target their activities better and to diversify their target groups. We tend to allow our students reasonable freedom in selecting the topics, target groups and methods for their activities and multiplier events. They will, nevertheless, be limited to students (primary, secondary or tertiary), local communities and/or general public (if the topic would be very specific). We can forecast that the events, organised by students, can be seminars for students/teachers, exhibitions, discussion panels with local community and representatives, educational games, participatory mapping events, etc.

Nevertheless, all the events will have the same objective - to raise awareness, to educate, or to tackle Climate change issues/impacts in the specific location. All results presented at the multipliers events will be made available online/open-source immediately after the events on the project webpage.

By allowing students the freedom, we will spark active citizenship spirit in them and give them the most valuable lesson we can provide - that they are responsible for what will happen in their community/neighbourhood. We believe that this part of our project is really innovative and will offer our students experience, that traditional university classes miss providing. Although the events will be independently organised by students, we will offer them 100% support in materials, human resources, advises, location, and any other way students will require.

Intellectual Outputs Covered

EduChange 2.0 - Climate change public outreach methodology and events

Leading Organisation

UNIVERSITA TA MALTA (E10209037, MT)

Multiplier Event Budget

ID	Organisation	Country of the Organisation	Local Participants	Foreign Participants	Grant per Local Participant	Grant per Foreign Participant	Grant
1	UNIVERSITA TA MALTA (E10209037, MT)	Malta	45	0	100,00 EUR	200,00 EUR	4.500,00 EUR
Total							4.500,00 EUR

Multiplier Event Details E4

Event Title

Multiplier Event Trondheim Students

Country of Venue

Norway

Start Date (yyyy-mm-dd)

2021-03-01

End Date (yyyy-mm-dd)

2023-08-31

Event Description (Including : Targets groups and objectives)

This description is the same for E1-E4, as the target groups and objectives for the multipliers events will be identical in all four university cities.

With experience from our first Erasmus+ Strategic Partnership project "EduChange - Making Knowledge Together - Addressing Climate Change through Innovative Place-Based Education and Blended Learning - 2017-1-CZ01-KA203-035519" we have decided, that instead of doing only one major conference at the end of the project, we will involve students in organising the multipliers events every year in every university city. Each university will divide their students into two teams, this means, that every year, there will be eight smaller multipliers events in four university cities. These events are directly related to the participatory activities students design during their participation in EduChange 2.0.

The multipliers events will be small scale - 45/3 years = 15/year = 7-8 people per group (2 groups every year at every university), but it will allow our students to target their activities better and to diversify their target groups. We tend to allow our students reasonable freedom in selecting the topics, target groups and methods for their activities and multiplier events. They will, nevertheless, be limited to students (primary, secondary or tertiary), local communities and/or general public (if the topic would be very specific). We can forecast that the events, organised by students, can be seminars for students/teachers, exhibitions, discussion panels with local community and representatives, educational games, participatory mapping events, etc.

Nevertheless, all the events will have the same objective - to raise awareness, to educate, or to tackle Climate change issues/impacts in the specific location. All results presented at the multipliers events will be made available online/open-source immediately after the events on the project webpage.

By allowing students the freedom, we will spark active citizenship spirit in them and give them the most valuable lesson we can provide - that they are responsible for what will happen in their community/neighbourhood. We believe that this part of our project is really innovative and will offer our students experience, that traditional university classes miss providing. Although the events will be independently organised by students, we will offer them 100% support in materials, human resources, advises, location, and any other way students will require.

Intellectual Outputs Covered

EduChange 2.0 - Climate change public outreach methodology and events

Leading Organisation

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

Multiplier Event Budget

ID	Organisation	Country of the Organisation	Local Participants	Foreign Participants	Grant per Local Participant	Grant per Foreign Participant	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Norway	45	0	100,00 EUR	200,00 EUR	4.500,00 EUR
Total							4.500,00 EUR

Multiplier Event Details E5

Event Title

Educhange 2.0 Final conference

Country of Venue

Czech Republic

Start Date (yyyy-mm-dd)

2023-06-30

End Date (yyyy-mm-dd)

2023-07-07

Event Description (Including : Targets groups and objectives)

The EduChange 2.0 conference will represent the closure of the whole project. This 1-day event will take place at UPOL and will bring together both students as well as scholars interested in the innovative methods of field education, gamification and geoparticipatory methods in climate change teaching. The conference will be opened to a wider audience with an objective to share project outcomes more widely with interested stakeholders. The conference will cover all the students' outcomes as well as project partners' scientific/popular papers. The conference will also reflect lessons learnt and best practices from the project as a whole. The conference will involve all participants and will be opened to the local community as well. The conference will be held in June/July 2023 (depending on the end of school years in partner countries). All results presented at the EduChange 2.0 Final conference will be available online/open-source immediately.

Intellectual Outputs Covered

EduChange 2.0 Manuals including a website with edu-platform

EduChange 2.0 Scientific, Educational and Popularisation Papers

EduChange 2.0 Educational games

EduChange 2.0 - Climate change public outreach methodology and events

Leading Organisation

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Participating Organisations

UNIVERSITEIT UTRECHT (E10209443, NL)

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

UNIVERSITA TA MALTA (E10209037, MT)

Lentävä Liitutaulu (E10229379, FI)

Multiplier Event Budget

ID	Organisation	Country of the Organisation	Local Participants	Foreign Participants	Grant per Local Participant	Grant per Foreign Participant	Grant
1	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Czech Republic	55	15	100,00 EUR	200,00 EUR	8.500,00 EUR
Total							8.500,00 EUR

Learning, Teaching, Training Activities

Do you plan to include transnational Learning, Teaching or Training activities in your project?

Yes

Activities Summary

In case you plan to include Learning, Teaching or Training Activities please encode them here.

ID	Activity Title	Leading Organisation	Activity Type	Field	Starting Period	No. of Participants	No. of Accompanying Persons	Grant
C1	1st EduChange Springschool	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Blended mobility of higher education students	Higher education	02-2021	24	0	12.258,00 EUR
C2	2nd EduChange Springschool	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Blended mobility of higher education students	Higher education	02-2022	24	0	13.788,00 EUR
C3	3rd EduChange Springschool	UNIVERSITA TA MALTA (E10209037, MT)	Blended mobility of higher education students	Higher education	02-2023	24	0	13.788,00 EUR
C4	1st EduChange Springschool - teachers	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	Intensive programmes for teaching staff	Higher education	02-2021	10	0	7.119,00 EUR
C5	2nd EduChange Springschool - teachers	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	Intensive programmes for teaching staff	Higher education	02-2022	10	0	8.646,00 EUR
Total								64.330,00 EUR

ID	Activity Title	Leading Organisation	Activity Type	Field	Starting Period	No. of Participants	No. of Accompanying Persons	Grant
C6	3rd EduChange Springschool - teachers	UNIVERSITA TA MALTA (E10209037, MT)	Intensive programmes for teaching staff	Higher education	02-2023	10	0	8.731,00 EUR
Total								64.330,00 EUR

Activity Details (C1)

In this section, you are asked to provide details about this specific activity.

The section consists of two parts: Activity Details and Groups of Participants.

In the first part (Activity Details) you are asked to provide information about the planned activity as a whole (e.g. its venue, duration, etc.), to define the activity's lead organisation, and to list the other participating organisations. The lead organisation is typically the one hosting the activity in its premises. In case you decide to organise the activity outside of the lead organisation's premises, you must respect the detailed rules provided in the Programme Guide and you need to provide an explanation for this choice as part of the activity description. The other participating organisations are all project partners who will send their participants to take part in the activity. Adding a partner organisation to the list of participating organisations will allow you to ask funding for their participants in the second part of this section.

In the second part (Groups of Participants) you are asked to provide some details about the participants who will take part in this activity. The main purpose of this section is to calculate the budget that the project will receive for the participants' travel, individual support and other expenses. The participants are organised in groups for easier calculation. Each group and its budget are linked to their sending organisation.

Field

Higher education

Activity Type

Blended mobility of higher education students

Activity Title

1st EduChange Springschool

Activity Description (including profile of participants per organisation, goals and results of the activity)

Following the experience and evaluation of the original EduChange project (2017-2020), we severely changed the activities in the new project. We decreased the number of travels/year - mainly based on the argument of our students, that having an intensive course about Climate change education and travel twice abroad for field courses in one semester does not make much sense. Therefore we decided to use even more "blended" learning and incorporate more online preparation and lessons prior to the field experience - as we call it in EduChange 2.0 Springschool.

International fieldcourse, including online lessons before the Springschool, and follow-up local work are the core parts of the project EduChange 2.0. It will last up to 7 months (February-June/July/August - this depends on HE partners academic calendar) and activities carried out will be tied together. There will be one intensive international fieldcourse with physical attendance of students (in February) preceded by online communication, virtual classes and group tasks. Prior to the physical meeting, students will have online lectures on Climate Change and its impact on life, Youth Perspectives, data, counterarguments; and lecture about how to organise an event and basics of science communication.

The Springschool will be followed by monthly meetings (at respective universities) and online cooperation and consultations when needed. Knowledge and skills gained during Springschool will be adopted by students via student group projects for primary/secondary school pupils, university students or general public continuously solved during the blended mobility and consulted with the staff as well as fellow students from other universities via virtual meetings. Final projects will be realised and then presented at local organised multipliers events (E1-E4), that will take place from June to August, depending on the local academic calendar. The activities C1-C3 will be ECTS credit-rated and available to each of the participating programme partners.

Springschool will be 7-day fieldcourse focused on both theoretical as well as practical knowledge about climate change and science education via innovative methods such as geoparticipatory mapping, gamification, multimedia online maps (StoryMap platform, Survey123, EmotionalMaps.eu), GeoGames (such as Seppo, wherlgo) etc.

Course framework will be as follows:

Day 0 – arrival day, first ice-breaking events

Day 1 – welcoming part, getting to know each other and introduction of the project, blended learning and the rest of the annual cycle – half-day; Introduction to geoparticipation and first hands-on experience with gamification - half day

Day 2 – building awareness-raising activity based on the lectures from e-meetings – half-day; Student symposium - present their pre-Springschool work - half day.

Day 3 – educational design workshops - half-day; short field excursion to local water management body and how they work with citizen science - half-day.

Day 4 – Methodological workshops - whole day - students will be able to select one workshop in the morning and one workshop in the afternoon - topics: Augmented Reality/Virtual Reality, gamification, StoryMaps, place-based education and local activism, etc.

Day 5 - education for sustainable development methodology and assessment - half-day; designing and preparing the participatory/awareness-raising activities - half-day.

Day 6 - playtesting the participatory/awareness-raising activities; room for consultations of planned actions and multipliers events by students; group support time - full day.

Day 7 - fieldtrip to Fort Science, Palacký University Interactive Science Centre - half-day; whole week evaluation, final discussion and follow-up planning - half-day.

In the first year, the fieldcourse will be held in Olomouc (Czech Republic). UPOL is responsible for the content of the Day 0, 1, 3, 4, 6 and 7. UU is responsible for Day 1, 2, 3, 4 and 6. NTNU is responsible for Day 1, 2, 4, 5 and 6. UM is responsible for Day 1, 2, 4 and 6. Lentävä Liitutaulu is responsible for Day 1, 4, and 6. After that, student groups will work on the project assigned during the intensive short-term course since until the realisation of their own Multiplier event (E1-E4). Each month, virtual meetings with a mentor (staff member) will be held via Skype communication. There will be 1 hour of consultation with the staff per each group. Student groups will be from the same university but may have a mentor from

another university depending on what kind of activity they decide to prepare. The expertise of mentors will allow students to create new and innovative activities. In sum, there will be 8 groups of 3 students (2 groups per university). The total number of supported students is 24. Staff is comprising of 10 people (sections C4-C6).

Leading Organisation

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Participating Organisations

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

UNIVERSITA TA MALTA (E10209037, MT)

UNIVERSITEIT UTRECHT (E10209443, NL)

Duration (days)

7

Country of Venue

Czech Republic

Starting Period

02-2021

Groups of Participants

In the following table, please define the groups of participants who will require funding to participate in this activity. Participants who do not require funding (for example local participants) do not need to be specified in this part.

ID	Sending Organisation	Distance Band	Duration (days)	No. of Participants	No. of Accompanying Persons	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	500-1999 km	7	6	0	4.086,00 EUR
2	UNIVERSITA TA MALTA (E10209037, MT)	500-1999 km	7	6	0	4.086,00 EUR
3	UNIVERSITEIT UTRECHT (E10209443, NL)	500-1999 km	7	6	0	4.086,00 EUR
4	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	0-9 km	0	6	0	0,00 EUR
Total						12.258,00 EUR

Group of Participants 1 Activity C1 (Blended mobility of higher education students - 1st EduChange Springschool)

Sending Organisation - Country		Country of Venue		
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) - Norway		Czech Republic		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	6	275,00 EUR	1.650,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.436,00 EUR

Group of Participants 2 Activity C1 (Blended mobility of higher education students - 1st EduChange Springschool)				
Sending Organisation - Country		Country of Venue		
UNIVERSITA TA MALTA (E10209037, MT) - Malta		Czech Republic		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	6	275,00 EUR	1.650,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.436,00 EUR

Group of Participants 3 Activity C1 (Blended mobility of higher education students - 1st EduChange Springschool)				
Sending Organisation - Country			Country of Venue	
UNIVERSITEIT UTRECHT (E10209443, NL) - Netherlands			Czech Republic	
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	6	275,00 EUR	1.650,00 EUR

Individual Support

No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.436,00 EUR

Group of Participants 4 Activity C1 (Blended mobility of higher education students - 1st EduChange Springschool)

Sending Organisation - Country		Country of Venue		
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ) - Czech Republic		Czech Republic		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel

Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
0-9 km	6	0,00 EUR	0,00 EUR

Activity Budget

Travel	Exceptional Cost for Expensive Travel	Individual Support	Linguistic Support	Total
4.950,00 EUR		7.308,00 EUR		12.258,00 EUR

Activity Details (C2)

In this section, you are asked to provide details about this specific activity.

The section consists of two parts: Activity Details and Groups of Participants.

In the first part (Activity Details) you are asked to provide information about the planned activity as a whole (e.g. its venue, duration, etc.), to define the activity's lead organisation, and to list the other participating organisations. The lead organisation is typically the one hosting the activity in its premises. In case you decide to organise the activity outside of the lead organisation's premises, you must respect the detailed rules provided in the Programme Guide and you need to provide an explanation for this choice as part of the activity description. The other participating organisations are all project partners who will send their participants to take part in the activity. Adding a partner organisation to the list of participating organisations will allow you to ask funding for their participants in the second part of this section.

In the second part (Groups of Participants) you are asked to provide some details about the participants who will take part in this activity. The main purpose of this section is to calculate the budget that the project will receive for the participants' travel, individual support and other expenses. The participants are organised in groups for easier calculation. Each group and its budget are linked to their sending organisation.

Field

Higher education

Activity Type

Blended mobility of higher education students

Activity Title

2nd EduChange Springschool

Activity Description (including profile of participants per organisation, goals and results of the activity)

This activity is a second-year fieldcourse same as C1, but located in Trondheim, Norway. The programme will be identical except local field visits, that in Trondheim will be focused on Tautra Natural Reserve, Quick Clay danger zones in Trondheim and municipal GIS office in Trondheim.

Leading Organisation

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

Participating Organisations

UNIVERSITA TA MALTA (E10209037, MT)

UNIVERSITEIT UTRECHT (E10209443, NL)

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Duration (days)

7

Country of Venue

Norway

Starting Period

02-2022

Groups of Participants

In the following table, please define the groups of participants who will require funding to participate in this activity. Participants who do not require funding (for example local participants) do not need to be specified in this part.

ID	Sending Organisation	Distance Band	Duration (days)	No. of Participants	No. of Accompanying Persons	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	0-9 km	0	6	0	0,00 EUR
2	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	500-1999 km	7	6	0	4.086,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	3000-3999 km	7	6	0	5.616,00 EUR
4	UNIVERSITEIT UTRECHT (E10209443, NL)	500-1999 km	7	6	0	4.086,00 EUR
Total						13.788,00 EUR

Group of Participants 1 Activity C2 (Blended mobility of higher education students - 2nd EduChange Springschool)

Sending Organisation - Country		Country of Venue		
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) - Norway		Norway		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
0-9 km	6	0,00 EUR	0,00 EUR

Group of Participants 2 Activity C2 (Blended mobility of higher education students - 2nd EduChange Springschool)

Sending Organisation - Country		Country of Venue		
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ) - Czech Republic		Norway		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	6	275,00 EUR	1.650,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.436,00 EUR

Group of Participants 3 Activity C2 (Blended mobility of higher education students - 2nd EduChange Springschool)				
Sending Organisation - Country			Country of Venue	
UNIVERSITA TA MALTA (E10209037, MT) - Malta			Norway	
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
3000-3999 km	6	530,00 EUR	3.180,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.436,00 EUR

Group of Participants 4 Activity C2 (Blended mobility of higher education students - 2nd EduChange Springschool)				
Sending Organisation - Country			Country of Venue	
UNIVERSITEIT UTRECHT (E10209443, NL) - Netherlands			Norway	
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel

Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	6	275,00 EUR	1.650,00 EUR

Individual Support

No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR

No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR

Total Individual Support Grant	2.436,00 EUR
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Activity Budget

Travel	Exceptional Cost for Expensive Travel	Individual Support	Linguistic Support	Total
6.480,00 EUR		7.308,00 EUR		13.788,00 EUR

Activity Details (C3)

In this section, you are asked to provide details about this specific activity.

The section consists of two parts: Activity Details and Groups of Participants.

In the first part (Activity Details) you are asked to provide information about the planned activity as a whole (e.g. its venue, duration, etc.), to define the activity's lead organisation, and to list the other participating organisations. The lead organisation is typically the one hosting the activity in its premises. In case you decide to organise the activity outside of the lead organisation's premises, you must respect the detailed rules provided in the Programme Guide and you need to provide an explanation for this choice as part of the activity description. The other participating organisations are all project partners who will send their participants to take part in the activity. Adding a partner organisation to the list of participating organisations will allow you to ask funding for their participants in the second part of this section.

In the second part (Groups of Participants) you are asked to provide some details about the participants who will take part in this activity. The main purpose of this section is to calculate the budget that the project will receive for the participants' travel, individual support and other expenses. The participants are organised in groups for easier calculation. Each group and its budget are linked to their sending organisation.

Field

Higher education

Activity Type

Blended mobility of higher education students

Activity Title

3rd EduChange Springschool

Activity Description (including profile of participants per organisation, goals and results of the activity)

This activity is a second-year fieldcourse same as C1, but located in Malta. The programme will be identical except local field visits, that in Malta will be focused on Malta Environment and Planning Authority, Malta Resources Authority and/or Ghar Lapsi Reverse Osmosis Plant.

Leading Organisation

UNIVERSITA TA MALTA (E10209037, MT)

Participating Organisations

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

UNIVERSITEIT UTRECHT (E10209443, NL)

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Duration (days)

7

Country of Venue

Malta

Starting Period

02-2023

Groups of Participants

In the following table, please define the groups of participants who will require funding to participate in this activity. Participants who do not require funding (for example local participants) do not need to be specified in this part.

ID	Sending Organisation	Distance Band	Duration (days)	No. of Participants	No. of Accompanying Persons	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	3000-3999 km	7	6	0	5.616,00 EUR
2	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	500-1999 km	7	6	0	4.086,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	0-9 km	0	6	0	0,00 EUR
4	UNIVERSITEIT UTRECHT (E10209443, NL)	500-1999 km	7	6	0	4.086,00 EUR
Total						13.788,00 EUR

Group of Participants 1 Activity C3 (Blended mobility of higher education students - 3rd EduChange Springschool)

Sending Organisation - Country		Country of Venue		
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) - Norway		Malta		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
3000-3999 km	6	530,00 EUR	3.180,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.436,00 EUR

Group of Participants 2 Activity C3 (Blended mobility of higher education students - 3rd EduChange Springschool)				
Sending Organisation - Country		Country of Venue		
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ) - Czech Republic		Malta		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	6	275,00 EUR	1.650,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.436,00 EUR

Group of Participants 3 Activity C3 (Blended mobility of higher education students - 3rd EduChange Springschool)				
Sending Organisation - Country			Country of Venue	
UNIVERSITA TA MALTA (E10209037, MT) - Malta			Malta	
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel

Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
0-9 km	6	0,00 EUR	0,00 EUR

Group of Participants 4 Activity C3 (Blended mobility of higher education students - 3rd EduChange Springschool)

Sending Organisation - Country	Country of Venue
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UNIVERSITEIT UTRECHT (E10209443, NL) - Netherlands

Malta

Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Blended mobility of higher education students	7	6	0	6

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel

Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	6	275,00 EUR	1.650,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
6	7	406,00 EUR	2.436,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.436,00 EUR

Activity Budget				
Travel	Exceptional Cost for Expensive Travel	Individual Support	Linguistic Support	Total
6.480,00 EUR		7.308,00 EUR		13.788,00 EUR

Activity Details (C4)

In this section, you are asked to provide details about this specific activity.

The section consists of two parts: Activity Details and Groups of Participants.

In the first part (Activity Details) you are asked to provide information about the planned activity as a whole (e.g. its venue, duration, etc.), to define the activity's lead organisation, and to list the other participating organisations. The lead organisation is typically the one hosting the activity in its premises. In case you decide to organise the activity outside of the lead organisation's premises, you must respect the detailed rules provided in the Programme Guide and you need to provide an explanation for this choice as part of the activity description. The other participating organisations are all project partners who will send their participants to take part in the activity. Adding a partner organisation to the list of participating organisations will allow you to ask funding for their participants in the second part of this section.

In the second part (Groups of Participants) you are asked to provide some details about the participants who will take part in this activity. The main purpose of this section is to calculate the budget that the project will receive for the participants' travel, individual support and other expenses. The participants are organised in groups for easier calculation. Each group and its budget are linked to their sending organisation.

Field

Higher education

Activity Type

Intensive programmes for teaching staff

Activity Title

1st EduChange Springschool - teachers

Activity Description (including profile of participants per organisation, goals and results of the activity)

This activity is dedicated to teaching staff and is connected with the activity C1 (detailed description in section C1). This item - intensive programmes for teaching staff - is included in the budget to cover expenses connected with students physical mobility part of C1, i.e. the Springschool. All members of the staff will be present, i.e. 10 people. Note: The local staff members are counted but with no budgetary support.

Leading Organisation

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Participating Organisations

Lentävä Liitutaulu (E10229379, FI)

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

UNIVERSITA TA MALTA (E10209037, MT)

UNIVERSITEIT UTRECHT (E10209443, NL)

Duration (days)

7

Country of Venue

Czech Republic

Starting Period

02-2021

Groups of Participants

In the following table, please define the groups of participants who will require funding to participate in this activity. Participants who do not require funding (for example local participants) do not need to be specified in this part.

ID	Sending Organisation	Distance Band	Duration (days)	No. of Participants	No. of Accompanying Persons	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	500-1999 km	7	2	0	2.034,00 EUR
2	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	0-9 km	0	3	0	0,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	500-1999 km	7	2	0	2.034,00 EUR
4	UNIVERSITEIT UTRECHT (E10209443, NL)	500-1999 km	7	2	0	2.034,00 EUR
5	Lentävä Liitutaulu (E10229379, FI)	500-1999 km	7	1	0	1.017,00 EUR
Total						7.119,00 EUR

Group of Participants 1 Activity C4 (Intensive programmes for teaching staff - 1st EduChange Springschool - teachers)

Sending Organisation - Country		Country of Venue		
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) - Norway		Czech Republic		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	2	0	2

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	2	275,00 EUR	550,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
2	7	742,00 EUR	1.484,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			1.484,00 EUR

Group of Participants 2 Activity C4 (Intensive programmes for teaching staff - 1st EduChange Springschool - teachers)				
Sending Organisation - Country		Country of Venue		
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ) - Czech Republic		Czech Republic		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	3	0	3

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
0-9 km	3	0,00 EUR	0,00 EUR

Group of Participants 3 Activity C4 (Intensive programmes for teaching staff - 1st EduChange Springschool - teachers)

Sending Organisation - Country

Country of Venue

UNIVERSITA TA MALTA (E10209037, MT) - Malta

Czech Republic

Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	2	0	2

Group of Participants Budget

 To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	2	275,00 EUR	550,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
2	7	742,00 EUR	1.484,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			1.484,00 EUR

Group of Participants 4 Activity C4 (Intensive programmes for teaching staff - 1st EduChange Springschool - teachers)				
Sending Organisation - Country		Country of Venue		
UNIVERSITEIT UTRECHT (E10209443, NL) - Netherlands		Czech Republic		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	2	0	2

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	2	275,00 EUR	550,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
2	7	742,00 EUR	1.484,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			1.484,00 EUR

Group of Participants 5 Activity C4 (Intensive programmes for teaching staff - 1st EduChange Springschool - teachers)				
Sending Organisation - Country		Country of Venue		
Lentävä Liitutaulu (E10229379, FI) - Finland		Czech Republic		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	1	0	1

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	1	275,00 EUR	275,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
1	7	742,00 EUR	742,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			742,00 EUR

Activity Budget				
Travel	Exceptional Cost for Expensive Travel	Individual Support	Linguistic Support	Total
1.925,00 EUR		5.194,00 EUR		7.119,00 EUR

Activity Details (C5)

In this section, you are asked to provide details about this specific activity.

The section consists of two parts: Activity Details and Groups of Participants.

In the first part (Activity Details) you are asked to provide information about the planned activity as a whole (e.g. its venue, duration, etc.), to define the activity's lead organisation, and to list the other participating organisations. The lead organisation is typically the one hosting the activity in its premises. In case you decide to organise the activity outside of the lead organisation's premises, you must respect the detailed rules provided in the Programme Guide and you need to provide an explanation for this choice as part of the activity description. The other participating organisations are all project partners who will send their participants to take part in the activity. Adding a partner organisation to the list of participating organisations will allow you to ask funding for their participants in the second part of this section.

In the second part (Groups of Participants) you are asked to provide some details about the participants who will take part in this activity. The main purpose of this section is to calculate the budget that the project will receive for the participants' travel, individual support and other expenses. The participants are organised in groups for easier calculation. Each group and its budget are linked to their sending organisation.

Field

Higher education

Activity Type

Intensive programmes for teaching staff

Activity Title

2nd EduChange Springschool - teachers

Activity Description (including profile of participants per organisation, goals and results of the activity)

This activity is dedicated to teaching staff and is connected with the activity C2 (detailed description in section C2). This item - intensive programmes for teaching staff - is included in the budget to cover expenses connected with students physical mobility part of C2, i.e. the Springschool. All members of the staff will be present, i.e. 10 people. Note: The local staff members are counted but with no budgetary support.

Leading Organisation

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

Participating Organisations

UNIVERSITEIT UTRECHT (E10209443, NL)

UNIVERSITA TA MALTA (E10209037, MT)

Lentävä Liitutaulu (E10229379, FI)

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Duration (days)

7

Country of Venue

Norway

Starting Period

02-2022

Groups of Participants

In the following table, please define the groups of participants who will require funding to participate in this activity. Participants who do not require funding (for example local participants) do not need to be specified in this part.

ID	Sending Organisation	Distance Band	Duration (days)	No. of Participants	No. of Accompanying Persons	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	0-9 km	0	2	0	0,00 EUR
2	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	500-1999 km	7	3	0	3.051,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	3000-3999 km	7	2	0	2.544,00 EUR
4	UNIVERSITEIT UTRECHT (E10209443, NL)	500-1999 km	7	2	0	2.034,00 EUR
5	Lentävä Liitutaulu (E10229379, FI)	500-1999 km	7	1	0	1.017,00 EUR
Total						8.646,00 EUR

Group of Participants 1 Activity C5 (Intensive programmes for teaching staff - 2nd EduChange Springschool - teachers)

Sending Organisation - Country		Country of Venue		
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) - Norway		Norway		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons

Intensive programmes for teaching staff	7	2	0	2
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Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel

Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
0-9 km	2	0,00 EUR	0,00 EUR

Group of Participants 2 Activity C5 (Intensive programmes for teaching staff - 2nd EduChange Springschool - teachers)

Sending Organisation - Country		Country of Venue		
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ) - Czech Republic		Norway		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons

Intensive programmes for teaching staff	7	3	0	3
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Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	3	275,00 EUR	825,00 EUR

Individual Support

No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
3	7	742,00 EUR	2.226,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.226,00 EUR

Group of Participants 3 Activity C5 (Intensive programmes for teaching staff - 2nd EduChange Springschool - teachers)

Sending Organisation - Country		Country of Venue		
UNIVERSITA TA MALTA (E10209037, MT) - Malta		Norway		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	2	0	2

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
3000-3999 km	2	530,00 EUR	1.060,00 EUR

Individual Support

No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
2	7	742,00 EUR	1.484,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			1.484,00 EUR

Group of Participants 4 Activity C5 (Intensive programmes for teaching staff - 2nd EduChange Springschool - teachers)

Sending Organisation - Country		Country of Venue		
UNIVERSITEIT UTRECHT (E10209443, NL) - Netherlands		Norway		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	2	0	2

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	2	275,00 EUR	550,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
2	7	742,00 EUR	1.484,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			1.484,00 EUR

Group of Participants 5 Activity C5 (Intensive programmes for teaching staff - 2nd EduChange Springschool - teachers)				
Sending Organisation - Country		Country of Venue		
Lentävä Liitutaulu (E10229379, FI) - Finland		Norway		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	1	0	1

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	1	275,00 EUR	275,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
1	7	742,00 EUR	742,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			742,00 EUR

Activity Budget				
Travel	Exceptional Cost for Expensive Travel	Individual Support	Linguistic Support	Total
2.710,00 EUR		5.936,00 EUR		8.646,00 EUR

Activity Details (C6)

In this section, you are asked to provide details about this specific activity.

The section consists of two parts: Activity Details and Groups of Participants.

In the first part (Activity Details) you are asked to provide information about the planned activity as a whole (e.g. its venue, duration, etc.), to define the activity's lead organisation, and to list the other participating organisations. The lead organisation is typically the one hosting the activity in its premises. In case you decide to organise the activity outside of the lead organisation's premises, you must respect the detailed rules provided in the Programme Guide and you need to provide an explanation for this choice as part of the activity description. The other participating organisations are all project partners who will send their participants to take part in the activity. Adding a partner organisation to the list of participating organisations will allow you to ask funding for their participants in the second part of this section.

In the second part (Groups of Participants) you are asked to provide some details about the participants who will take part in this activity. The main purpose of this section is to calculate the budget that the project will receive for the participants' travel, individual support and other expenses. The participants are organised in groups for easier calculation. Each group and its budget are linked to their sending organisation.

Field

Higher education

Activity Type

Intensive programmes for teaching staff

Activity Title

3rd EduChange Springschool - teachers

Activity Description (including profile of participants per organisation, goals and results of the activity)

This activity is dedicated to teaching staff and is connected with the activity C3 (detailed description in section C3). This item - intensive programmes for teaching staff - is included in the budget to cover expenses connected with students physical mobility part of C3, i.e. the Springschool. All members of the staff will be present, i.e. 10 people. Note: The local staff members are counted but with no budgetary support.

Leading Organisation

UNIVERSITA TA MALTA (E10209037, MT)

Participating Organisations

NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)

UNIVERSITEIT UTRECHT (E10209443, NL)

Lentävä Liitutaulu (E10229379, FI)

UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)

Duration (days)

7

Country of Venue

Malta

Starting Period

02-2023

Groups of Participants

In the following table, please define the groups of participants who will require funding to participate in this activity. Participants who do not require funding (for example local participants) do not need to be specified in this part.

ID	Sending Organisation	Distance Band	Duration (days)	No. of Participants	No. of Accompanying Persons	Grant
1	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO)	3000-3999 km	7	2	0	2.544,00 EUR
2	UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ)	500-1999 km	7	3	0	3.051,00 EUR
3	UNIVERSITA TA MALTA (E10209037, MT)	0-9 km	0	2	0	0,00 EUR
4	UNIVERSITEIT UTRECHT (E10209443, NL)	500-1999 km	7	2	0	2.034,00 EUR
5	Lentävä Liitutaulu (E10229379, FI)	2000-2999 km	7	1	0	1.102,00 EUR
Total						8.731,00 EUR

Group of Participants 1 Activity C6 (Intensive programmes for teaching staff - 3rd EduChange Springschool - teachers)

Sending Organisation - Country		Country of Venue		
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (E10209399, NO) - Norway		Malta		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	2	0	2

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
3000-3999 km	2	530,00 EUR	1.060,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
2	7	742,00 EUR	1.484,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			1.484,00 EUR

Group of Participants 2 Activity C6 (Intensive programmes for teaching staff - 3rd EduChange Springschool - teachers)				
Sending Organisation - Country		Country of Venue		
UNIVERZITA PALACKEHO V OLOMOUCI (E10208271, CZ) - Czech Republic		Malta		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	3	0	3

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	3	275,00 EUR	825,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
3	7	742,00 EUR	2.226,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			2.226,00 EUR

Group of Participants 3 Activity C6 (Intensive programmes for teaching staff - 3rd EduChange Springschool - teachers)				
Sending Organisation - Country		Country of Venue		
UNIVERSITA TA MALTA (E10209037, MT) - Malta		Malta		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	2	0	2

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
0-9 km	2	0,00 EUR	0,00 EUR

Group of Participants 4 Activity C6 (Intensive programmes for teaching staff - 3rd EduChange Springschool - teachers)

Sending Organisation - Country		Country of Venue		
UNIVERSITEIT UTRECHT (E10209443, NL) - Netherlands		Malta		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	2	0	2

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
500-1999 km	2	275,00 EUR	550,00 EUR

Individual Support			
No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
2	7	742,00 EUR	1.484,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			1.484,00 EUR

Group of Participants 5 Activity C6 (Intensive programmes for teaching staff - 3rd EduChange Springschool - teachers)				
Sending Organisation - Country		Country of Venue		
Lentävä Liitutaulu (E10229379, FI) - Finland		Malta		
Activity Type	Duration (days)	No. of Participants	No. of Accompanying Persons	Total No. of Participants and accompanying persons
Intensive programmes for teaching staff	7	1	0	1

Group of Participants Budget

To estimate the distances between places, please use the European Commission's [distance calculator](#)

Travel			
Distance Band	No. of Persons	Grant per Participant	Total Travel Grant
2000-2999 km	1	360,00 EUR	360,00 EUR

Individual Support

No. of Participants	Duration per Participant (days)	Grant per Participant	Total (for Participants)
1	7	742,00 EUR	742,00 EUR
No. of Accompanying Persons	Duration per Accompanying Person (days)	Grant per Accompanying Person	Total (for Accompanying Persons)
0	0	0,00 EUR	0,00 EUR
Total Individual Support Grant			742,00 EUR

Activity Budget

Travel	Exceptional Cost for Expensive Travel	Individual Support	Linguistic Support	Total
2.795,00 EUR		5.936,00 EUR		8.731,00 EUR

Background Information

What is the added value of these Learning, Teaching or Training activities (including long-term activities) with regards to the achievement of the project objectives?

The central feature of the project is the ECTS credit-rated course based around Educhange 2.0 Springschool (blended mobility). The project objectives (Promoting active citizenship through innovative geoparticipatory methods to tackle wicked-environmental problems) would not be achieved without learning, training and teaching activities. These activities represent the core part of the whole project and cannot be omitted. Learning and teaching activities offer an interdisciplinary and international encounter and opportunity for students/staff to gain new knowledge from different fields of study. All participants will use modern web-based telecollaborative communication tools (e.g. Skype, MS Teams, Zoom, GoogleDrive, Slack, Padlet, Kahoot, etc.) during the blended mobility. First, the educational principles of this Erasmus+ project are built on virtual and physical meetings among students themselves, and also with staff members. It is a very essential part of the educational process of students and the added value is in 1) conducting modern virtual education leading to group-based project assessment, 2) physical mobility with the face-to-face confrontation of students' knowledge, skills, and opinions, and 3) active participation of students to the creating of educational playful and geoparticipatory activities finished with small multipliers events, which represents the "learning-by-doing" method and stimulates students engagement.

By organising both activities (C1-C3, C4-C6) with our various backgrounds and by actively involving our students, we will be able to design better educational activities and gamified events than if we would have to do this individually and locally. We have learnt from EduChange 1.0 what the added value is of the international exchange both with regard to the topic of climate change (understanding climate change, seeing how different countries face different challenges and deal with those in different ways), for teacher education (seeing how things are similar and different in secondary (and HE) in other countries). Therefore, although we aim to have fewer meetings and less travelling, and more blended and virtual activities, we still see a crucial part of young people working together in international teams and learn from each other.

How will you select, prepare and support participants and ensure their safety? Please describe the practical arrangements including training, teaching or learning agreements, if applicable.

This will represent a mandatory pre-requisite for participants to be included in the Educhange 2.0 activities. Moreover, each participant will have to agree and sign off a Learning and teaching agreement tailored to the project needs. This agreement does not contain "only" safety instructions but also the following points (selection). The student participant is responsible to fulfil the following duties:

- Active participation at the course (physical and virtual mobility during blended learning)
- The following costs will be reimbursed based on active participation of the complete course.
- The participant declares to have necessary insurance coverage for the relevant countries (either individual or secured by the alma mater)
- The participant accepts that he or she has to obey the rules for the course and travel arrangements set by teaching staff
- The participant is representing his/her Alma mater and will behave accordingly
- All actions taken by the participant beyond the regular/organized course activities are upon his/her personal responsibility.

All these instruction and whole course organisation are presented by national staff members to their students during a pre-mobility informational meeting.

Regarding the usage of personal information, students will have the possibility (not obligatory) to sign the "Usage of photos and other materials agreement" and "Students agreement in participation and collection of data materials for research".

When thinking about safety, we need to be aware of physical safety with regard to mapping/field activities, being aware of traffic while engaging in mobile apps. Furthermore, social safety especially when working with kids in classrooms will be discussed too. A special part of the safety regulations will be focused on online safety when working with online geoparticipatory platform.

Please also describe the arrangements for recognition or validation of the learning outcomes of the participants in Learning, Teaching or Training activities. Will your project make use of European instruments like Europass, ECVET, Youthpass, ECTS etc. or any national instruments/certificates?

EduChange 2.0 will use ECTS for its activities allowing students to gain credits by participating. Moreover, students will receive an official EduChange 2.0 certificate of participation signed off by representatives of the project consortium.

Special Costs

In this section, you may request budget for types of expenses that are funded based on their actual cost. For more detailed information on what can be supported, please consult the Programme Guide or request advice from your National Agency.

Special Needs Support

ID	Organisation	Country of the Organisation	No. of Participants With Special Needs	Description and Justification	Requested Grant
Total					0,00 EUR

Exceptional Costs

ID	Organisation	Country of the Organisation	Description and Justification	Requested Grant (75% of Expected real cost)
Total				0,00 EUR

Follow-up

Impact

What is the expected impact on the participants, participating organisations, target groups and other relevant stakeholders?

EduChange 2.0 help young people to understand their role as agents of change and their power to raise awareness about climate change through innovative approaches to place-based education, geoparticipatory tool and gamification. By bringing the effects of climate change “home” to people's' daily environments and their communities, EduChange 2.0 students will be able to see and understand the effects of climate change in a local context, which is recognised as important for climate change action. EduChange 2.0 will thus not only provide an increased awareness about climate change issues but will also stimulate action towards more climate-resilient local societies in a playful and more participatory way.

Students will switch roles in the project, from learners to teachers/boosters of science and will therefore not only gain a deeper understanding of the local effect of Climate change but also develop skills relevant to disseminating their knowledge - whether it would be as future teachers, planners, researchers etc. Through the project, they develop new ideas and innovative approaches to communicate about climate change and climate change-related issues. Participants (students) will extend their interdisciplinary and international skills and will be able to apply new knowledge in tasks of high societal relevance, which increase their chances in the labour market. They will acquire skills that will enable them to analyse real-world phenomena and challenges. Students will participate in an innovative and challenging accredited learning experience, which will help them in a future career.

EduChange 2.0 innovates the way field/outdoor experience is used as a teaching and learning method in the participating institutions. Fieldwork is considered integral to teaching in geography and related disciplines, however, it will be more effective if more student-centred pedagogies are applied and the use of digital and mobile technologies (geogames, mobile apps, geoparticipatory platforms) are explored. The project partners will exchange expertise to innovate field courses and will use the new insights in their own teaching even after the project has finished. The staff will exchange practices and share experiences of curricular development and will improve their pedagogic practice by experiencing different research designs. Participating organizations will have an opportunity to share and spread the methods, skills, knowledge and outputs to their national colleagues. The website with its function (as a hub for all learning and teaching materials created during the project) will be also available to other educational institutions who will have the opportunity to employ EduChange' best-practices into their teaching.

In summary, all partners strive to educate young people with international and interdisciplinary skills. Through EduChange 2.0, bonding both students and staff together, all participants have the opportunity to share their ideas and approaches with their partners from different countries and to interconnect their main disciplines – geography, geoinformatics, geography education, environmental studies. All within the pedagogical context of innovative gamified place-based learning. They bring teaching methods, techniques and ideas novel for other partners with them which constitute a unique synergy among all participating students and staff. The students involved in the project gain valuable international experience through the educational activities that will take place at participating universities in different European countries.

What is the desired impact of the project at the local, regional, national, European and/or international levels?

The desired impacts at different levels can be mostly seen as implementing educationally adapted technology to improve learning from place-based education using fewer resources than current practice.

The main impact is providing students with skills and knowledge to become change agents - by discovering the value of geoparticipatory methods and games both in the context active citizenship and teaching about climate change and its local effects and/or in awareness-raising campaigns for local change. Students enrolled in the project will inspire school children of members of the local community to become part of this change and by means of this also create valuable local knowledge, foster a sense of place and inspire a felt need to care for the local environment

At the local level (whether that is a neighbourhood, village, island or university) the project aims to inspire the local community with a sense of awareness, engagement with environmental issues, ownership and confidence that change can happen. With EduChange 2.0, we will provide a way to continue gamified and participatory place-based education in a more resource-efficient way while simultaneously provide better learning for the students.

At the regional level, EduChange 2.0 will encourage cooperation between universities and upper secondary schools or other communities (students' clubs, municipality). Our students will organise multipliers events and public outreach actions, where methods learnt during the EduChange 2.0 Springschool.

At a national level, EduChange 2.0 will serve as an example of the potential of international collaboration for each of the national participants. Since progress towards climate change adaptation is more likely if credible information is localized and visualized EduChange 2.0 will make the effects of global warming more tangible. It enables the inhabitants in the participating countries to better understand both existing and anticipated local impacts of climate change (especially in the context of water issues connected with climate change).

At the European and international level, EduChange 2.0 will actively involve European educational institutions in mutual collaboration, as a means of breaking down barriers of different approaches in real-world problem-solving.

How will you measure the previously mentioned impacts?

The impacts will be measured through the mix of indicators (quantitative and qualitative):

(i) Quantitative:

1. The innovation of the participating institutions' curricula by the development of Annual EduChange 2.0 courses (ECTS credit-rated; 1 course per participating university per year).
2. EduChange 2.0 learning and teaching materials (handbooks, manuals, guides, e-learning, virtual lectures, telecollaboration, multimedia etc.; as necessary)
3. Research results (papers, conference appearances, posters as necessary)
4. Popular-scientific articles (15 articles, i.e. 3 per partner organisation) about the EduChange 2.0
5. For each year of the cycle, Interactive StoryMap will be created (at least 3 in total)
6. Students' actions/events for school students, university classmates and/or general public described in template worksheet (8 events/year - total at least 24 events)
7. Infrastructure for educational material (1 e-learning platform)
8. Conference proceedings (1 final conference proceedings)
9. Number of visits and downloads from this website
10. Number of participants to multiplier events - both local (E1-E4) and international (E5)

(ii) Qualitative

1. Trained and experienced students and staff
2. Improvement of the methods concerning the geoinformatics/geography, gamification, Climate change education, (geo)participatory approaches
3. Improvement of the students' skills in the sense of acquired knowledge and skills, working in teams, decision making, playful methodologies, creativity, use of IT in education,
4. Enhancement of cooperation between participating institutions
5. Self-experiences with outreach and awareness-raising campings.

Besides, an important part of these measures is the feedback from involved students. Firstly, we will evaluate the international field course with them, from the perspective of content, skills and innovative pedagogies. Secondly, they will be asked to reflect upon their role as teachers organising awareness-raising actions and multipliers events for their target groups - whether school students, university students or the general public.

Detailed evaluation criteria of the field course (both the ones organised by staff and those to be created by students) will be specified during the initial Strategic Partnership Meeting. An evaluation questionnaire for participants will be constructed and assessed after each cycle of the project. The scientific impact of the project will be measured using common scientific methods (such as number of research paper citations, number of downloads from the website, paper indexation in world scientific databases etc.).

Dissemination and Use of Project's Results

You are requested to make plans for the dissemination of your project results. Please provide answers to the questions below.

What will be the target groups of your dissemination activities inside and outside your partnership?

Please define in particular your target audience(s) at local/regional/national/EU level and motivate your choice.

The project identified several target audiences, each with their own particular interests in the project. The first audience are lecturers at universities who either look for ways to increase the learning outcomes of fieldwork and gamification in their teaching or who look for ways to connect Climate Change related to the local environment in their teaching. These lectures can be found all over Europe in geography and related disciplines. Both the website with open-access format material, the multiplier events and academic publications will be ways to reach these audiences. Colleagues of the key persons involved in the project will be informed through usual local information channels (lunch meetings, newsletters etc).

The second target audience are upper secondary schools and their teachers who look for ways to effectively incorporate Climate Change and its local impacts in their curriculum. As the national context may be of particular influence into when and how Climate change is taught in secondary schools and how much freedom teachers have to create the curriculum, the teachers will mostly get inspiration from the projects performed in their own country. Teachers will be informed through publications in professional journals aimed at teachers and through teaching events (such as the KNAG onderwijsdag in NL - yearly educational event of the Royal Dutch Geographical Society, or "Geografické rozhledy" - geography teachers journal of the Czech Geographical Society [REDACTED]).

The general public can be another audience, depending on our students, to whom will they decide to target their activities and event. Although, for example, in the Czech Republic 84 % of citizens (STEM research from January 2020 - published by Czech News Agency - <https://www.ceskenoviny.cz/zpravy/cesi-uz-vnimaji-zmeny-klimatu-jako-nalehave-zjistil-stem/1861299>) agree that man-made climate change threatens our future, we still see a huge deficit in understanding Climate change and behaviour change. Therefore, the general public is also an important target group of our (be more precise, our students') activities. "

Results will be also presented at the Nordic Research Symposium on Science Education (NFSUN), and the European Science Education Research Association (ESERA), where prof. Cyvin is a member of.

Participating project partners' students (inside target group) will be provided with all necessary learning and teaching materials as well as intellectual output that is created by the staff. Moreover, all 24 students from each year cycle will play the role as local ambassadors for the project - they will promote the project in their institutions by word-of-mouth, and will advertise (together with staff members) the next cycle of the EduChange while selection process of new group students is carried on.

Which activities will you and your partner carry out in order to share the results of your project beyond your partnership?

Dissemination activities will be carried out through:

- invited guest speakers at each field course (7 days)
- website
- articles in both academic and popular journals.

Furthermore, we will take part in:

- presenting at national and international congresses
- active participation on the thematic seminars of each participating country
- GISDay, Geography awareness week
- local university event (e.g. Project days or Science Night)
- regular events (such as EduCafes)
- active participation in events organized by national umbrella organizations
- students TV/newspapers channel
- presenting in local newspaper etc.

The extent of the individual dissemination materials (e.g. number of pages, copies) is not to be anticipated at the moment.

Who will be responsible for the dissemination activities within your partnership and which specific expertise do they have in this area? What resources will you make available to allow for the proper implementation of your dissemination plans?

UPOL will have the main responsibility for the dissemination activities, regarding general issues of the project. Public relation department of UPOL possess rich experiences with dissemination and promotion, thus their expertise is to be used for dissemination activities of the project results. Also, each partner either university or private company will be responsible for the dissemination of the project's results through its own communication channels and media (local news, national umbrella scientific organizations, and social media) in their countries. All academic key persons are members of respective societies or associations, which ease the dissemination to all relevant audiences.

Erasmus+ has an open access requirement for all materials developed through its projects. If your project is producing intellectual outputs/tangible deliverables, please describe how you intend to ensure free access for the public to a digital form of this material. If you intend to put any limitation on the use of the open licence, please specify the reasons, extent and nature of this limitation.

Many recognise that climate change effects are among the major problem facing Europe and the rest of the world, and it is therefore of fundamental importance that knowledge is shared as early as possible and open to everyone. We will, therefore, disseminate EduChange 2.0 results through open channels as much as possible, following the European Open Science Cloud (EOSC) strategic implementation plan (2019). All intellectual outputs will be available on EduChange's website. All materials, methodology, manuals, guides, videos, presentations, leaflets, posters, texts and others will be published in the various formats in English and accessible without the need for registration or login. The website of the project will be public and the information will be freely available for download. Furthermore, every member of the consortium will be responsible for the spreading of information at their home institution. The promotion of the project will take place at the regional and national level among the universities and among students of the individual universities.

How will you ensure that the project's results will remain available and will be used by others?

Disseminate EduChange 2.0 results both in a face-by-face manner and virtually by disseminating e-learning materials. The main face-to-face activities are 1) EduChange students becoming EduChange agents of change during their activities in their home countries, and (2) EduChange Multipliers events E1-E5. Virtual dissemination includes web-based dissemination of best practice to be posted.

The website containing e-learning modules, examples of projects designed by students etc will continue to be hosted and aired by UPOL. Scientific papers will remain available for general public and academia via EduChange's website, ResearchGate and in indexed research databases.

Sustainability

What are the activities and results that will be maintained after the end of the EU funding, and how will you ensure the resources needed to sustain them?

Students will become change agents. The EduChange 2.0 experience will provide them with important skills and self-efficacy. They are the main bearers of the legacy of the program and will continue to use these skills in their personal and professional lives. Furthermore, all e-learning materials etc will remain available after runtime for the students as these products have been used for 3 years (and thus went through continuous cycles of design - test - evaluate - adjust - etc.) they are of high quality and have proven useful. Students moreover can continue to use the geoparticipatory software and gamification app and thus apply those in their careers as teachers, science educators, water educators, planners.

An important principle for EduChange 2.0 is also environmental sustainability regarding the resources spent on field courses and being "climate-friendly" by reducing the amount of travel, using sustainable modes of travelling - where possible, etc. This is a principle which will ensure that EduChange's results will still be used after the project period. Field courses are resource-demanding and often carried out in traditional ways. With EduChange, we will move resources from teacher-led learning methods to student-oriented methods by blended learning and by smart adaptation of digital technologies and gamification. The transition from traditional to innovative place-based learning demands resources, but after the project's three year period, how we teach field courses will be done in a more resource-effective way allowing resources to be spent on continuous dissemination on EduChange's results through various web channels even after the realization period of the project.

The EduChange 2.0 consortium consists of people that have found a mutual interest in cooperation since both the cultural exchange and the interdisciplinarity brings about synergies. The consortium is not new and will still be active after the project period. The consortium will, however, be considerably strengthened through the implementation of the project and it will boost interdisciplinary and international cooperation towards innovative place-based learning and gamification of climate change education. This close international cooperation amongst the project members will bring the opportunity to launch new international projects in the future.

Also, the ECTS credit course will continue at the participating institutions after the end of the project. Some of its parts could also be preserved using low-cost solutions (e.g. virtual mobility, field courses organized within the institution region).

More importantly, as our professional skills as lecturers and educators of next generations of teachers, planners, and change agents, will also develop during and because of the project many generations of students beyond those that take part in the project will benefit from the project. We will transfer our experiences, new skills, in our only day-to-day teaching. The project is, therefore, a place where innovation can be inspired which has an influence far beyond the project.

Annexes

The maximum size of a file is 15 MB and the maximum total size is 100 MB.

The maximum number of all attachments is 100.

Please download the Declaration on Honour, print it, have it signed by the legal representative and attach.

File Name	File Size (kB)
DoH Promoting active citizenship.pdf	783

Please download the Mandates, print them, have them signed by the legal representatives and attach them here.

File Name	File Size (kB)
mandate Malta E10209037.pdf	866
mandate Utrecht E10209443.pdf	358
mandate NTNU E10209399.pdf	847
mandate Helsinki E10229379.pdf	426
mandate_Utrecht_authorisation.pdf	45
mandate_NTNU_authorisation.pdf	356

Please attach any other relevant documents.

File Name	File Size (kB)
Risk_Assessment.pdf	180
Year_cycle.pdf	201
Total Size (kB)	4,062

Checklist

Before submitting your application form to the National Agency, please make sure that:

- It fulfils the eligibility criteria listed in the Programme Guide.
- All relevant fields in the application form have been completed.
- You have chosen the correct National Agency of the country in which your organisation is established. Currently selected NA is: CZ01 Dům zahraniční spolupráce (DZS) Centre for International Cooperation in Education

Please also keep in mind the following:

Mandates of each partner to the applicant, signed by both parties, should be submitted as an annex to the application form. If the application is approved for funding, signed mandates will be considered as a condition for signature of the grant agreement.

The documents proving the legal status of the applicant must be uploaded in the Erasmus and European Solidarity Corps platform (for more details, see Part C of the Programme Guide - 'Information for applicants').

The grant exceeds 60 000 EUR. If the applicant organisation is not a public body or an international organisation, please do not forget to upload the necessary documents to give proof of your financial capacity in the Erasmus and European Solidarity Corps platform (for more details, see the section 'Selection Criteria' in Part C of the Programme Guide).

Data Protection Notice

PROTECTION OF PERSONAL DATA

The application form will be processed electronically. All personal data (such as names, addresses, CVs, etc.) will be processed pursuant to Regulation (EC) No 45/2001 on the protection of individuals with regard to the processing of personal data by the EU institutions and bodies and on the free movement of such data. Any personal data requested will only be used for the intended purpose, i.e. the processing of your application in accordance with the specifications of the call for proposals, the management of the administrative and financial aspects of the project if eligible and the dissemination of results through appropriate Erasmus+ IT tools. For the latter, as regards the details of the projects' contact persons, an unambiguous consent will be requested.

For the full description of the collected personal data, the purpose of the collection and the description of the processing, please refer to the Specific Privacy Statement (see link below) associated with this form. http://ec.europa.eu/programmes/erasmus-plus/documents/epluslink-eforms-privacy_en.htm

I agree with the Specific Privacy Statement on Data Protection

Submission History

Version	Submission Time	Submitted by	Submission ID	Submission Status
1	22-04-2020 16:24:16		1649626	Submission OK