



Volume of QA Reports on quality assurance of staff and student training

INTENSE: Integrated Doctoral Program for
Environmental Policy, Management and
Technology

586471-EPP-1-2017-1-EE-EPPKA2-CBHE-JP



This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein

Co-funded by the
Erasmus+ Programme
of the European Union



QA Report on staff development

2021



Content

Content.....	3
Integrated Doctoral Program for Environmental Policy, Management and Technology / INTENSE	4
Project aims and objectives	4
WP5: Quality plan.....	4
Quality assurance of staff and student training.....	6
2021.....	6
Summer (September) School in Ukraine “Green & Blue Infrastructure in a Post-Communist City: Exploring Legacies and Developing Innovation”	6
Summer School in Mongolia on nomadic sustainability	7
Research internship in Lviv by KGNU students	7
Dissemination and training (PhD students and staff) event at ICE (Lviv, Ukraine) following up the INTENSE school in Yaremche and Kharkiv	8
2019.....	8
Seminar on ICT Tools in Tartu	8
Dissemination and staff training event following up the INTENSE ICT training.....	10
Research (PhD student and academic staff) training and dissemination event	10
Academic staff and student training and dissemination session	11
Dissemination and training (PhD students and staff) event	11
2018.....	12
Summer school “The Precautionary Principle in Sustainability Transitions: Thinking forwards, Looking backwards, Acting”	12
NEXT Summer School on Nature-Based Solutions for Smart Cities.....	12
PhD seminar, dissemination event and staff training on organisation and QA of research training	13
PhD seminar, dissemination event and staff training on organisation and QA of research training in Ulaanbaatar, Mongolia.....	13
Dissemination event and staff training on organisation and QA of research training in Hanoi.....	14
Dissemination and training seminars at KGNU.....	14
Training and dissemination event for PhD students and staff at Ho Chi Minh City.....	15
Scientific Seminar ‘Natural based solutions for Smart Cities’	16
Research training sessions at OSENU (Odessa)	16
Research (PhD student and academic staff) training and dissemination event in Lviv	16
Conclusions	17



Integrated Doctoral Program for Environmental Policy, Management and Technology / INTENSE

Project partners:

P1 Estonian University of Life Sciences (EMU)

P2 University of Natural Resources and Life Sciences, Vienna (BOKU)

P3 University of Latvia (LNU)

P5 Odessa State Environmental University (OSENU)

P6 V.N. Karazin Kharkiv National University (KGNU)

P7 Institute of Ecology of the Carpathians of the National Academy of Science of Ukraine (IECNASU)

P8 National University of Mongolia (NUM)

P9 Khovd University, Khovd

P10 Hanoi University of Science and Technology/TRUONG DAI HOC BACH KHOA HA NOI (HUST)

P11 Ho Chi Minh City University of Natural Resources and Environment (HCMUNRE)

Project aims and objectives

(1) To improve the practice of doctoral training and professionalise its governance by integrating PhD programs dealing with environmental policy, management and technology in 7 PCIs to 3 nationwide integrated doctoral schools (INTENSE NIDS), based on common Code of Operational Practices & research framework (COP & RF) adhering to the principles of the EHEA, and consolidating these schools into the INTENSE International Network.

(2) To enhance doctoral training provision by integrating and upgrading existing learning contents that can be used for doctoral provision (total 80 ECTS by M48), infrastructure for accessing the courses and setting&monitoring flexible research training trajectories and their progression (INTENSE open education platform, including sustainable mechanisms for its development and maintenance) and shared access to research facilities.

(3) To build the capacity of PhD students to improve their published output, through a strengthened multidisciplinary approach to doctoral training, aided by facilitating access to global and EU research networks (including facilitation of academic mobility), development of transferable skills, promotion of joint research/supervision arrangements and interdisciplinary and practice-oriented thesis topics.

WP5: Quality plan

A principal aim will be to provide support in exploring an appropriate range of approaches to ensure the quality of project implementation and outputs, with the overall approach adopted from the UK Quality Code for Higher Education (QAA, 2014).

WG5.3 helps the vice-coordinator and the Steering Committee to oversee QA of staff development, IT deployment & dissemination. The WG will collect information about mobility streams



QA Report on staff development

and analyses it against the set training and development targets. For this an on-line system will be set-up, and all the PIs will be requested to submit to it information about the envisaged mobility at least in 3 days before the start of travel arrangements, and if no objections are raised by the coordinator or vice-coordinator, PIs may continue with travel arrangements; within a month after completing the mobility the PIs will be requested to submit supporting documents, and to post in the system a brief overview of the achieved objectives. WG5.3 will be tracking the progress in upgrading and deploying the IT systems against the project plan. WG5.3 will also oversee the implementation of the dissemination plan, checking the relevant deliverables against the timeline and milestones set in the SUNRAISE business plan.

The deliverables include:

- Setting-up an on-line system for monitoring travel for training and development purposes; deploying the system
- Setting an on-line system for monitoring staff time; deploying the system;
- Tracking the progress in upgrading and deploying the IT systems against the project plan;
- Overseeing the implementation of the dissemination plan (set-up in the INTENSE business plan), checking the relevant deliverables against the timeline and milestones set in the plan.



Quality assurance of staff and student training

2021

Summer (September) School in Ukraine “Green & Blue Infrastructure in a Post-Communist City: Exploring Legacies and Developing Innovation”

Dates: September 13-27, 2021

Coordinator: V. N. Karazin Kharkiv National University (Kharkiv, Ukraine)

A total of 31 participants took part in the summer school. The research-intensive school set to explore and find solutions to real life problems, with rapidly urbanising Carpathian Mountains selected as the case study area, will include intensive research methodology training and group work on multidisciplinary research projects. This summer school builds research capacity and strengthen science-policy interactions for addressing these issues in urban areas of Carpathian Mountains and beyond. The focus was on NBS, smart GB, participatory approaches and crowdsourcing. This discussion was primarily based on the V4 experience. It was analysed for its applicability in Ukrainian socio-economic, political and biophysical context. The summer school included three periods:

- Pre-Field period (13-15 September, 2021): online lectures;
- In-Field period (15-21 September, 2021) in Yaremche and around: intensive research methodology training and group work on multidisciplinary research projects in The Carpathians regions;
- After-Field period (21-27 September, 2021): online work, preparation of group projects and presentations, hybrid (online and offline) presentation of group projects.

Participants of the Summer School were divided into 3 research groups (3-5 PhD students in each group):
Group 1. Green-blue infrastructure in large cities
Group 2. Green-blue infrastructure in small towns
Group 3. Natural vegetation of Yaremche
Each group has developed a research project and presentation.

QA measures and conclusions: Event was organized as a mixture of interactive sessions, lectures and engagement with top experts and practitioners on Green and Blue Infrastructure (GBI) in post-soviet cities based on the experience of V4. The Summer School was successful and all targets are achieved. Hybrid format was selected as most appropriate, taking into account COVID-19. Invited academic staff presented EU and UA experience and advanced knowledge in GB infrastructure development. Meetings with stakeholders gave possibility to find out most problematic issues and share knowledge. Developed recommendations were disseminated to local authorities and other stakeholders for making decisions and introduction into practice. After school, a formal feedback was collected from the each of the participants with open ended questions. The results of the questionnaire reveal that the Summer School was well organised and resulted in a satisfactory experience for the participants. All participants questioned valued very positively all the activities offered. Participants said, that summer school improved their knowledge in new subjects”, “diversified knowledge in the field of hydrology, nature management, business, etc. Suggestions from the audience included “more time for excursions”, “attract participants from abroad”, “allocate time for meeting speakers not only in class or increase the break time for this”.

Report circulated on 30.09.2021



QA Report on staff development

Summer School in Mongolia on nomadic sustainability

Dates: August 15-28, 2021

Coordinator: National University of Mongolia, Ulaanbaatar, Mongolia

In total, 7 students and 10 staffs were participated the summer school. The school was bring together researchers and professionals from respectable Mongolian universities and stakeholders from the western Mongolian region to discuss environmental monitoring in research and applications. The summer school was eligible for graduate students of NUM, KHU and MULS to learn about the research method and trends in these and related fields. Upon completion of the summer school, the graduate students gained a knowledge of semi-desert and wetland ecology, high mountain environment and special protected area management in the western region of Mongolia from national scientists experienced in aforesaid studies. Furthermore, students were experienced western Mongolian culture traditions, and nomadic herding lifestyle, production of milk products, national songs and music. Students stayed in a ger, Mongolian traditional accommodation in natural beautiful places. During the summer school, participants visited natural zones such as wetland, lake and high mountain area. Students were learnt about plant monitoring, high mountain biodiversity, climate change impact on eternal snow and glacier, wetland study, renewable energy and its impact on environment and special protected area management.

QA measures and conclusions: After event, a formal feedback was collected from the each of the participants with open ended questions. All participants were thankful for workshops and said that event was very useful. Students noted that field trip was very unique and unforgettable experience. The organization, planning and preparation before the trip were excellent. The duration of the program well matched the content of the program.

Report circulated on 30.09.2021

Dissemination, staff training and discussion about collaboration opportunity at Vietnam INTENSE school – side event in MOU signing minutes between INEST HUST & RISD and HCMUNRE, at HCMUNRE

Dates: March 26, 2021

Coordinator: Ho Chi Minh City University of Natural Resources and Environment, Vietnam

Totally 18 participants took part in the seminar. Prof. Nghiem Trung Dung said that INTENSE school is a dynamic space/room to cooperate and support training. E-learning and MOOC preparation aimed at sharing resources. INTENSE school support creating space/room for participants to improve the quality of doctoral training programs in both institutions gradually asymptotic to the level of European programs.

QA measures and conclusions: QAT team organized the discussion of the event. The participants of the seminar thanked the organizer, commented on the usefulness of the information presented. INTENSE is the catalyst for the two institutions to come closer to each other. Each school found its strength to join a series of collaborative activities after opening INTENSE school.

Report circulated on 25.05.2021

Research internship in Lviv by KGNU students (the internship and the follow up event in September 2021)

Dates: September, 9, 2021



QA Report on staff development

Coordinator: V.N. Karazin Kharkiv National University, Ukraine

The total number of the dissemination event participants – 18. The aim was the report on individual scientific internship PhD students: Voronin Vladislav and Burchenko Svitlana. The internship consisted of three stages: 14 – 18 June: the first stage was in Lviv; 18 – 21 June: the second stage was in National Nature Park “Skolivski Beskydy”; 21 – 24 June: the third stage was in Lviv; 24 – 27 June: generalization and processing of the obtained results. PhD students made a presentation and answered the questions.

QA measures and conclusions: After event, a formal feedback was collected from the each of the participants with open ended questions. All participants were thankful for workshops and said that event was very useful.

Report circulated on 30.09.2021

Dissemination and training (PhD students and staff) event at ICE (Lviv, Ukraine) following up the INTENSE school in Yaremche and Kharkiv

Dates: October 6, 2021

Coordinator: Institute of the Ecology of the Carpathians, the National Academy of Science of Ukraine

Totally 15 persons took part in the event. The aim was to present the report of Pyzhyk Igor “The storage of carbon at forests of Carpathians mountains” the second topic of discussion was the results of summer school.

QA measures and conclusions: After event, a formal feedback was collected from the each of the participants with open ended questions. Participants said, that the workshop provided a more practical experience and help them to understand the theories better. Participants stated that event was helpful, well-organized and gave a confident knowledge

Report circulated on 14.10.2021

2019

Seminar on ICT Tools in Tartu

Dates: 20-25 May 2019

Coordinator: Estonian University of Life Sciences (EMU)

Four days of lectures and practical works pursued the following objectives:

- 1) To introduce the best E-Learning courses at partners University;
- 2) To introduce a new E-Learning;
- 3) To discuss possibilities to apply E-Learning courses at partners universities;
- 4) To discuss and develop E-learning courses;
- 5) Introduction of relevant institutes und their main activities at EMU.

A total of 44 participants from 13 different universities took part in the meeting, including Germany, Russia, Latvia, India, Bhutan, Mongolia, Ukraine, Austria and Estonia.

Project partners organized methodological seminar for staff training: the introduction of doctoral school at the P1 and P3 and organization of E-assessment of students and good practice examples of E-Learning



QA Report on staff development

courses. Participants present their progress in e-learning. Part of the workshop time was devoted to joint work on interactive and/or audiovisual features of e-courses at computer class after what partners presented and discussed courses what they would like to develop in their universities including course structure, E-learning platform and assignments.

QA measures and conclusions: Organizers had discussed ICT training with participants. Participants stated that seminar was well organized, useful and practice oriented. The discussions were very enriching and exciting. Particular interest was paid to the opportunity of further training for existing staff members through online courses and MOOCs, which should be developed within the framework of the Project. The participants of the meeting agreed to continue the development of the E-learning in accordance with the approved structure. The seminar had significant role for strengthening the cooperation between project partners and successful implementation of the project aims.

Report circulated on 10.09.2019

Summer school 'WIN! Water Innovations: Policy, Management, Research'

Dates: 11-24 August, 2019

Coordinator: Estonian University of Life Sciences (EMU)

Altogether, 30 MSc, PhD students and researchers from various countries took part in the School. The faculty comprised the experts from the Austria, Estonia, Hungary and Latvia. The interactive sessions, field trips, and group work were designed to give participants hands-on project and research experience with a range of water, wetland and littoral ecosystems and their sustainable use, and with a focus on novel and innovative approaches and methodologies. The school programme included field trips to Western and Northern Estonia where participants could visit the Alam-Pedja, Tudusoo and Sirtsu Nature Conservation Areas, Lahemaa National Park, the Pärnu River basin, West-Estonian coastline, the islands of Kihnu and Vormsi. At the end of the school, participants were awarded certificates on successful completion of the course on 'Water Innovations: Policy, Management, Research', corresponding to 3 ECTS.

QA measures and conclusions: The development of the summer school resulted in a very satisfactory experience and very enriching learning process for all participants. The research part of the school resulted in the execution of several very interesting research projects. They were presented during the last day of the school in the form of a poster, which is expected to be useful for local stakeholders in order to improve sustainability strategies. The questionnaire was developed by the organizers of the Summer School and conducted after the conclusion of the event. The objective of the questionnaire was the collection of feedback, comments and ideas from the participants, in order to evaluate their experience during the Summer School, and the main strengths and weaknesses that the event had. All feedback obtained has been discussed within the organising team and will be used in order to provide a more rewarding experience to participants in future events. The results of the questionnaire reveal that the Summer School was well organised and resulted in a satisfactory experience for the participants. All participants questioned valued very positively all the activities offered. Additionally, further space and more tools for personal and virtual interaction should be offered, in order to enable a better exchange of ideas and experiences among participants from and within different socio-ecological backgrounds, and build social network.

Report circulated on 10.09.2019



QA Report on staff development

Research training and dissemination science-policy workshop at KGNU (Kharkiv, Ukraine) – agenda, report of the science-policy workshop

Dates: February 19-21, 2019

Coordinator Kharkiv V. Karazin National University, Ukraine

Totally 25 persons took part in the workshop. The aim of the workshop was exchange of experience, discussion of ways to form environmental policy, as well as requirements for the training of specialists in the field of ecology at the bachelor's, master's and PhD levels. The participants were presented the following topics: by A. Klieshch "Reconstruction of urban history and natural landscapes for landscape - ecological planning on the example of Kharkiv" and by S. V. Burchenko "Structural and geographical foundations of the concept of "green infrastructure" for the Kharkiv region". The reports were devoted to the possibilities and importance of the formation of an integrated environmental policy by local and regional authorities to solve the problems of urban development planning and green infrastructure management. The presentations sparked a lively discussion among other participants, especially invited practitioners. The key issues in the discussion were: features of modern approaches to the formation of the ecological policy of Ukrainian cities, problems and shortcomings the formation of ecological development goals at the regional level in Ukraine.

QA measures and conclusions: QAT team organized the discussion of the event. All participants said that the event was useful and well organized. In terms of contents and practical relevance, the event has been highly appreciated. The overall impression was that the event was worthwhile and gave many insights into management of green infrastructure in Ukraine.

Report circulated on 10.09.2019

Dissemination and staff training event following up the INTENSE ICT training

Dates: May 30, 2019

Coordinator: Kharkiv V. Karazin National University, Ukraine

Totally 15 persons took part in the workshop. The aim of the workshop was presentation of the information on the training "ICT tools and methods for curriculum development" that was in Tartu, Estonia. Speakers gave the information about the training, modern platforms those can be used in educational process for curriculum development. Special focus was made on experience and methods used in Estonian University of Life Sciences. After presentation participants asked questions about speakers, skills obtained during the training and what options can be introduced into KGNU.

QA measures and conclusions: QAT team organized the discussion of the event. All participants said that the event was useful and well organized. In terms of contents and practical relevance, the event has been highly appreciated. Main conclusions were: Modern education requires modern method and tools for curriculum development; e-learning will be widely used in EU and Ukraine in the nearest future; KGNU staff should continue improvement of their skills and knowledge on ICT tools and methods for curriculum development.

Report circulated on 10.09.2019

Research (PhD student and academic staff) training and dissemination event

Dates: September 21-24, 2019



QA Report on staff development

Coordinator: Khovd State University, Mongolia

A total of 25 participants took part in the event. Seminar objectives were: to discuss and current research result on natural sciences; to discuss training and curricula of natural sciences; to organize individual consultation presenters and establish future collaboration. Seminar participants visited to Distance learning center of Khovd University and Semi Dessert monitoring station /The Weather station/ and University museum of KHU.

QA measures and conclusions: QAT team organized the discussion of the event. All participants said that the event was useful and well organized. In terms of contents and practical relevance, the event has been highly appreciated.

Report circulated on 15.12.2019

Academic staff and student training and dissemination session

Dates: September 25, 2019

Coordinator: National University of Mongolia

The event included an open lecture of Dr. Anton Shkaruba on post-disaster governance and its discussion by academic staff and students in terms of research and policy context of Mongolia. The audience has enjoyed the discussion - it was very well versed in the subject matter, and all the questions were amazingly relevant and to point.

QA measures and conclusions: QAT team organized the discussion of the event. All participants said that the event was useful and well organized. In terms of contents and practical relevance, the event has been highly appreciated.

Report circulated on 15.12.2019

Dissemination and training (PhD students and staff) event

Dates: November 1, 2019

Coordinator: Kharkiv V. Karazin National University, Ukraine

A total of 18 participants took part in the event. The aim of the workshop was presentation of the information on the summer school "WIN! Water Innovations Policy, Management, Research" that was in Tartu, Estonia. S. Burchenko made a presentation of the summer school, her experience and opinion about the event. The aim was to promote INTENSE project, to share new knowledge and emotions. After presentation participants asked questions about faculty of the summer school, field trips, how she will introduce new knowledge into her research etc.

QA measures and conclusions: QAT team organized the discussion of the event. All participants said that the event was useful and well organized. In terms of contents and practical relevance, the event has been highly appreciated. Main conclusions were: Summer school "WIN! Water Innovations Policy, Management, Research" was very valuable for participants and well-organised; Field trip was very interesting and useful as a practical part of the summer school; S.Burchenko will introduce new knowledge into her research; She has established new contacts those will be useful in her future carrier.

Report circulated on 15.12.2019



2018

Summer school “The Precautionary Principle in Sustainability Transitions: Thinking forwards, Looking backwards, Acting”

Dates: 28 June to 4 July 2018

Coordinator: Central European University, Budapest, Hungary

Summer school was organized in cooperation with the European Environmental Agency. All the taught sessions of the school were webcast, so all the members of the INTENSE community (and far beyond) had access to the training contents.

Course faculty included Hans Bruyninckx, David Stanners and Jock Martin from European Environment Agency; Sybille van den Hove from Bridging for Sustainability, Belgium; Anton Shkaruba from Erda RTE, the Netherlands / Department of Environmental Sciences and Policy, CEU; Sarah Cornell from Stockholm Resilience Centre, Sweden; Steffen Foss Hansen from Technical University of Denmark; Philippe Grandjean from University of Southern Denmark; Owen McIntyre from University College Cork, Ireland; Pierre Mottet from Ion Beam Applications, Belgium; Kenisha Garnett from Cranfield University, UK; and Hans Peter Nachtnebel from University of Natural Resources and Life Sciences, Austria.

School participants from INTENSE consortium: Dr. Kalev Sepp (Estonian University of Life Sciences), Erika Lagzdina (University of Latvia); Bayarkhuu Batbayar (Khovd University, Mongolia); Oyunchimeg Namsrai, Khishigjargal Budjav, Batchuluun Tseveen (National University of Mongolia); Olena Chernikova, Oleksandra Volkovaia (V.N. Karazin Kharkiv National University); Kateryna Husieva, Inna Khomenko (Odessa State Environmental University); Volodymyr Rozhak (Institute of Ecology of the Carpathians); Chi Tran (Hanoi University of Science and Technology, Vietnam); Phuong Tran Thi Bich (Ho Chi Minh University of Natural Resources and Environment, Vietnam).

The school was organised around five themes: Transitions to sustainability, History and foresight, Innovation, risks, opportunities and business, Science and Precaution, Precaution and innovations in governance.

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the summer school. The overall impression was that the summer school was rich of useful outcomes, first of all a shared vision on the transition to sustainability, precaution and innovations in governance. All participants said that the event was useful and well organized. In terms of contents and practical relevance, the event has been highly appreciated. The overall impression was that the event was worthwhile and gave many insights into research.

Report circulated on 20.12.2018

NEXT Summer School on Nature-Based Solutions for Smart Cities

Dates: 15 to 26 August 2018

Coordinator: Belarusian-Russian University in Mahilioŭ, Belarus

Altogether, 46 MSc, PhD students, researchers and NGO representatives from Germany, the Czech Republic, Hungary, Vietnam, Mongolia, Russia, India, the USA, Canada, Ukraine, Moldova, Pakistan, Poland, Latvia, the Netherlands, Brazil, Bangladesh and Belarus took part in the School. The faculty comprised the experts from the Netherlands, Italy, Sweden, Hungary, Slovakia, Estonia, the Czech



QA Report on staff development

Republic, Belarus, Poland and Germany, including world-renowned experts in urban planning and management.

At the summer school, where English was the working language, the faculty members presented modern concepts for the formation of urban landscapes and infrastructures, based on natural mechanisms, nature-based solutions and nature-friendly technologies. Following lectures and workshops, the School participants explored Mogilev's wetlands, forests, neighborhoods and heritage sites, then formed 7 project groups to find nature-based solutions to local challenges. The research results can be used for real activities in Mahilioŭ for further development of the green carcass, improvement of the city's comfort and environmental status.

QA measures and conclusions: The development of the summer school resulted in a very satisfactory experience and very enriching learning process for all participants. The inclusion of stakeholders from very different contexts and with very different experiences made the discussions very enriching and exciting. The questionnaire was developed by the organizers of the Summer School. The objective of the questionnaire was the collection of feedback, comments and ideas from the participants, in order to evaluate their experience during the Summer School, and the main strengths and weaknesses that the event had. All feedback obtained has been discussed within the organising team and will be used in order to provide a more rewarding experience to participants in future events. The results of the questionnaire reveal that the Summer School was well organised and resulted in a satisfactory experience for the participants. All participants questioned valued very positively all the activities offered.

Report circulated on 20.12.2018

PhD seminar, dissemination event and staff training on organisation and QA of research training

Dates: April 18-20, 2018

Coordinator: V. N. Karazin Kharkiv National University, Ukraine

A total of 46 participants took part in the seminar. The key aim of the conference is to launch INTENSE project and to present INTENSE project to wide academic community. On the start-up seminar the following topics were discussed (among others): - Presentation of education process in each country, best practices for PhD study; Code of operational practices, virtual mobility, framework agreement and policies; INTENSE network: how to arrange it, main idea, potential and contribution from each partners; PhD training in Ukraine: current status, reform of education system, gaps, new PhD programs; Development of curriculum contents and research framework. Discussion of curriculum needs and capacities; e-Learning: formats, contents and quality assurance.

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the event. In general, event was organized quite well and most participants really enjoyed it. Participants said that INTENSE project can be a great example of new approach to development of PhD program harmonised with EU practices; it has a good potential for combination of benefits from all countries.

Report circulated on 20.12.2018

PhD seminar, dissemination event and staff training on organisation and QA of research training in Ulaanbaatar, Mongolia

Dates: April 30-May 1,



QA Report on staff development

Coordinator: National University of Mongolia, Ulaanbaatar, Mongolia

A total of 19 participants took part in the workshop. The aim of the event was presentation of research training programs of NUM and KHU, presentation of the INTENSE project and its implementation plans, and PhD program development experience at the Latvia University (Riga, Latvia), as well as panel discussion of the project implementation at NUM and KHU, presentations by NUM and KHU PhD students. Dr. Anton Shkaruba made a detail presentation of the INTENSE project, its history, the concept and implementation strategy, the partnership, governance and quality assurance mechanisms, and specific objectives sought for Mongolia, as regards the implementation of Bologna principles and mechanisms and integration to European higher education and research spaces. Dr.habil., Prof. Raimonds Ernsteins made presentation of PhD program development experience at the Latvia University, Faculty of Geography and Earth Sciences (Riga, Latvia). Presentation emphasized how the PhD program on Environmental Science was designed, developed and further implemented in practice, being also in close discussion and elaboration with main stakeholders'/end users in the field and PhD students themselves.

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the event. In general, event was organized quite well and most participants really enjoyed it. Looking of international INTENSE partnerships there are obvious to find common academic interests, and that was supported by Mongolian academics, as well as solutions to environmental problems as driving factor towards sustainable development in all our partner countries.

Report circulated on 20.12.2018

Dissemination event and staff training on organisation and QA of research training in Hanoi

Dates: May 2-4, 2018

Coordinator: Hanoi University of Science and Technology/TRUONG DAI HOC BACH KHOA HA NOI, Hanoi, Vietnam

A total of 10 participants took part in the workshop. During event discussion of PhD programs in detail was held. Prof. Kalev Sepp made introduction about INTENSE project and potential benefit for PhD students, presentation about management of doctoral program and doctoral schools in Europe and at the Estonian University of Life Sciences. Prof. Maris Klavins made presentation about Doctoral studies at University of Latvia. Prof Maris proposed that partners can share a common interest research topics, that can be picked up from Research framework.

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the event. In general, event was organized quite well and most participants really enjoyed it. A clearer vision of PhD programs of the three countries were obtained.

Report circulated on 20.12.2018

Dissemination and training seminars at KGNU

Dates: September 13 and 20, 2018

Coordinator: V. N. Karazin Kharkiv National University, Ukraine



QA Report on staff development

A total of 15 participants took part in the workshop. The seminar on “The Precautionary Principle in Sustainability Transitions” was held on 13 September 2018 at KGNU within the framework of the implementation of the Erasmus+ project “INTENSE”. Speakers: employees of the Environmental Faculty – Oleksandra Volkovaia, Senior Lecturer of the Department of Ecological Safety and Environmental Education, and Olena Chernikova, Engineer of the Department of Ecology and Neoecology. The main results of the summer school “The Precautionary Principle in Sustainability Transitions: Thinking forwards, Looking backwards, Acting”, held at the Central European University (Budapest, Hungary) from 28 June to 4 July 2018, were presented at the workshop. The summer school was held as part of the EEAcademy programme of the European Environmental Agency, co-organized by Erda RTE and Bridging for Sustainability in cooperation with the Erasmus+ CBHE INTENSE project.

On 20 September 2018, a seminar on “Nature-based solution as a basis of sustainable development of a modern city” was held at KGNU within the framework of the Erasmus+ INTENSE project. Speakers: post-graduate students of the Environmental Faculty – Viktoria Dudchenko, PhD student of the Department of Environmental Monitoring and Management, and Serhii Shyrokostup, PhD student of the Department of Ecology and Neoecology. The main results of the summer school on “Nature-based solutions for smart cities”, which took place in Mahilioŭ (Belarus) on 14-27 August 2018, were presented at the seminar. The summer school was held as an event within the EEAcademy programme of the European Environmental Agency, co-organized by the Visegard Fund, DAAD, Urban Europe in cooperation with the Erasmus+ CBHE INTENSE project.

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the event. The event had strong training component. The participants were inspired by the Project and expressed their readiness to support the university in its implementation.

Report circulated on 20.12.2018

Training and dissemination event for PhD students and staff at Ho Chi Minh City

Dates: November 19-24, 2018

Coordinator: Hanoi University of Science and Technology/TRUONG DAI HOC BACH KHOA HA NOI, Hanoi, Vietnam

A total of 13 participants took part in the workshop. Workshop included training session on coastal management with case study fieldtrip (Monkey island case: coastal wetlands and museum, Mekong delta case), Urban environmental management and Nature-culture environment conservation, training and research dissemination session, INTENSE project meeting: Work-plan revising and updating, PHD studies development and networking in Vietnam.

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the event. This training was organized for partner universities and focus on the environmental governance issues of Vietnam and opportunities for INTENSE doctoral school in the national Vietnamese context. The event had strong training component. The participants were inspired by the Project and expressed their readiness to support the university in its implementation. Particular interest was paid to the opportunity of further training for existing staff members through online courses and MOOCs, which should be developed within the framework of the Project.

Report circulated on 20.12.2018



Scientific Seminar 'Natural based solutions for Smart Cities'

Dates: November 22, 2018

Coordinator: Institute of the Ecology of the Carpathians of the National Academy of Sciences of Ukraine

A total of 15 participants took part in the workshop. Teachers of higher educational institutions from the Lviv region, scientists and representatives of local authorities of Lviv attended the seminar. Four participants presented their reports. Oksana Maryskevich, Leading Researcher, Department of Ecosystemology, Institute of Ecology of the Carpathians of NASU: "Ecological problems of the city of Lviv and possible ways of their solution on the example of the implementation of a comprehensive environmental program for 2017-2022". Zvenyslava Mamchur-Kalinets, Head of the Department of Ecology, Ivan Franko National University of Lviv: "Approaches to creating smart cities". Myron Zaytler, Head of the Department of Ecology and Geography, Drohobych Ivan Franko State Pedagogical University: "The concept of creating of eco-park in the city of Drohobych". Volodymyr Rozhak, Researcher, Department of Ecosystemology, Institute of Ecology of the Carpathians of NASU: "Results of participation in the Summer School "Nature-based solutions for smart cities" Mohyliv (Belarus)".

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the event. This training was organized for stakeholder and represent the opportunities brought by INTENSE. The event had strong training component. The participants were inspired by the Project. Particular interest was paid to the opportunity of further training for existing staff members through online courses and MOOCs, which should be developed within the framework of the Project.

Report circulated on 20.12.2018

Research training sessions at OSENU (Odessa)

Dates: December 3-14, 2018

Coordinator: Odessa State Environmental University (OSENU), Odessa, Ukraine

A total of 25 participants took part in the event. Following up the summer schools, the optional courses for PhD students on 'The Precautionary Principle in the Context of Sustainability Transitions' and 'Application of Nature-Based Solutions for Sustainable Urban Development' were held at Odessa State Environmental University from 03 to 14 December 2018. Trainers: Inna Khomenko, Kateryna Husieva, Svitlana Demianenko and Vladyslav Mykhailenko. The lecture being organized in the Skype mode included discussion among the students on specific issues.

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the event. All participants said that the event was useful and well organized. In terms of contents and practical relevance, the event has been highly appreciated. The overall impression was that the event was worthwhile and gave many insights into research agenda of PhD students.

Report circulated on 20.12.2018

Research (PhD student and academic staff) training and dissemination event in Lviv

Dates: December 13, 2018



QA Report on staff development

Coordinator: Institute for the Carpathians' Ecology of the Ukrainian Academy of Sciences

A total of 18 participants took part in the workshop. Prof. Hans-Peter Nachtnebel presented report on "Anticipating emerging floodrisks: what we can learn from the past and what we need for the future". Prof. Kalev Sepp presented "Nature-Based Solutions – policy and management objectives, approaches and tools". Prof. Anatoliy Polovyi presented «Modeling of production process of plants».

QA measures and conclusions: QAT members had discussed the event with selected participants to receive their feedback about the process and the outcomes of the event. All participants said that the event was useful and well organized. In terms of contents and practical relevance, the event has been highly appreciated. The overall impression was that the event was worthwhile and gave many insights into academic research.

Report circulated on 20.12.2018

Conclusions

During project period all planned training events for staff and students development were implemented. According to Workplan, all on-site training event should be organized during first two years. But partner universities decided to organized training events more evenly, that why workshops were hold during 3 project years. 4 summer school were organized in accordance with workplan. Totally 483 participants took part in the training events.

Training events aimed on the improvement of the staff skills and knowledge in the field of the Bologna system, ICT and doctoral school in Ukraine, Mongolia and Vietnam. QAT members had discussed the events or developed questionnaires for feedback from participants. The overall impression from events was that the meetings were rich of useful outcomes, helpful and well organized. The complains had to do with additional funding to support more international participants, the provision of sessions for the discussion of solutions rather than only problems, more tools for personal and virtual interaction.

Presented by the vice-coordinator on the final GAP meeting, October 7, 2021