

Amendment A
to Partner Project Agreement 9606

This Amendment is entered into as of the September 1, 2020 by and between

The Science and Technology Center in Ukraine (STCU) (hereinafter referred to as "the Center"),

Taras Shevchenko National University of Kyiv of The Ministry of Science and Education (hereinafter referred to as "the Recipient")

This Amendment amends the Project Agreement **9606** (the Agreement), which commenced on March 1, 2019, as per Article 10 of the Agreement.

This Amendment prolongs the term of this Agreement for extra 24 month until August 31, 2022.

Article 2 Duration of the Project is hereby amended as follows:

The duration of the Project is increased by 24 extra months and will be 42 months.

Article 4 Financial contribution of the Center is hereby amended as follows:

4.1 The total cost of the project to the Center is increased by € 77,500.

4.2 The Center shall make grant payments directly to individual participants in the Project. The amount of such payments is increased by € 31,380.

4.3 The Center shall pay for items ordered by the project manager on behalf of the participating institutions including: equipment, materials, other direct costs and travel. The amount of such payments is increased by € 39,080.

IN WITNESS WHERE OF, the Center, the Partner, and the Recipient entities by their authorized representatives, have executed this Amendment

For the Center:

Curtis Bjelajac
Executive Director

Date of signing:

05.08.2020



For the participating institution:

Oksana Zhylynska, PhD, Dr.Sc
Vice-rector for Science work
Taras * Shevchenko National
University of Kyiv

Stamp Place


Viktoriya Gura, PhD
Project Manager

Ganna Tolstanova, PhD, Dr.Sc
Head of Research Department,
Prof. Institute of High
Technologies,

Date of signing:

29.07.2020




Date of signing:
29.07.2020

1 Project Information

1.1 Project Title: Development of the extra mural Master Program on Economic security of Entrepreneurship

1.2 Project Science and Technology Areas:

Primary: Nuclear Energy & Safety

Secondary: Biotechnologies, Agricultural Sciences and Medicine
Industrial Technologies

1.3 Project Manager:

Name: Gura Viktoriya Leonidivna (PhD)

Phone: (+380.97) 6964273

Fax: (+380.44) 521-33-29

E-mail: viktoriyagura2016@gmail.com

1.4 Coordinating Institution:

Name: Taras Shevchenko National University of Kyiv of The Ministry of Science and Education

Address: 03022, Vasylkivska 90-A, Kyiv, Ukraine

1.5 Participating institution manager:

1.6 Participating Institution:

1.7 Foreign Collaborators:

Person: Zanders Jean-Pascal

Country: France

Organization: The Trench

E-mail: jpzanders@the-trench.org

1.8 Project location and facilities:

Enter data here in English

1.11 Introduction

What's the problem?

The extramural master program “Economic security of entrepreneurship” is highly important due to threats and challenges, which exist today in the global world, especially in the sphere of export control of dual-use goods and technologies.

In Ukraine, urgent necessity has appeared in preparing future experts of economic security of entrepreneurship – experts of CBRN security and export control.

This goal can be achieved only in the University with assistance of different faculties and institutes. The Faculty of Economics will coordinate this master program.

It should be mentioned that the master program “Economic security of entrepreneurship” for full day study students has been launched from September 1, 2019. The contemporary challenges show that we need to start the extramural studying program as we have received a great demand and interest from the real sector of economy. Our potential future students are full graduated specialists which are working in trade of commerce, in city administration, in real business. In addition, we have candidates who are entrepreneurs and professors.

Another essential issue is the dissemination of CBRN knowledge to other universities in Ukraine to educate and involve both professors and students. The awareness of something is started from the academic environment. That is why we are going to create a network of interested people, in order to create a community of export control.

1.12 Literature Search

What are other people doing?

In the EU countries and USA, such professional have been being prepared at the highest level for many years.

1. The University of Liege, Belgium (https://www.uliege.be/cms/c_8699436/en/portail-uliege).
2. Università di Roma Tor Vergata. International CBRNe master courses Chemical, Biological, Radiological, Nuclear and explosive Department of Industrial Engineering and School of Medicine and Surgery (<http://www.mastercbrn.com>)
3. University of Massachusetts Lowell, Lowell, MA, United States. Students in this area of concentration will develop a solid understanding of chemical, biological, radiological, nuclear and explosives (CBRNE) security. (<https://www.mastersportal.com/studies/97858/cbrne-security.html>)
4. Cranfield University at Shrivenham (GB). Chemical, Biological, Radiological and Nuclear Defence (CBRN) is a diverse field and therefore University capability is drawn from several areas (<https://www.cranfield.ac.uk/academic-disciplines/chemical-biological-radiological-and-nuclear-defence>)

Ukraine, aiming to enter the EU, must adhere to the world rules in the field of export control. Therefore, our University has to prepare highly skilled specialists that will be able effectively work with documentation in relation to the export-import of dual-use goods and technologies, analyze the geopolitical situation and collect information about the basic market players in the CBRN sphere. We consider such future specialists to be experts-analysts from export control of dual-use goods and technologies. Knowledge which be obtained by students will allow them to be highly professional ones.

1.13 Purpose and Objective

What are we going to do?

- I. Future specialists of economic security of entrepreneurship will be able:
 1. to efficiently solve questions in organizing and realizing export control of dual-use goods and technologies.
 2. to become real experts in the sphere of the formation and modernization of a system for nonproliferation of CBRN threats.
- II. Creation of the partnership network will allow us:
 1. to share knowledge and experience with colleagues in other universities.
 2. to implement our specific modules in the curriculum of different educational programs at selected universities.
 3. to educate and train a professors and students about export control from different regions, covering different regional problematics.
 4. to raise awareness of CBRN threats and risks in the Ukrainian academic environment.

What we have done and are doing now:

- Autumn 2017 – meeting with Elena Taberko (STCU), Kyiv.

- Spring 2018 – 1st workshop (created the working group: Maria Espona, Jean Pascal Zanders, Elena Taberko, Iryna Mazur, Viktoriya Gura), Kyiv.
- Spring 2018 – agreement between Taras Shevchenko National University of Kyiv and STCU, Kyiv.
- Summer 2018 – working meeting and discussion of master program’s curriculum draft (Maria Espona, Jean Pascal Zanders, Elena Taberko, Iryna Mazur, Viktoriya Gura), Austria.
- Autumn – 2nd workshop and final discussion of master program’s curriculum, Georgia.
- In spring 2019 STCU, European commission and the University organized the Export Control School. The aim of this School was to provide the unique knowledge and show the importance of dual-use goods and technologies control to future possible trainees. Foreign lecturers will be invited for teaching. The target audience of the Schools are 4-year bachelor students of different specialties, not only from the Faculty of Economics. The most capable 4-year bachelor students attended to this school. The School finished with an exam and a graduation ceremony.
- July 09 - August 15, 2019 – the admission committee of Master Program on Economic security of Entrepreneurship. It was formed group of 4 master students: 3 girls and 1 boy. Two of them have bachelor degree in Law, and other two – in Economics.
- September – November 2019 - it was developed the set of documents for the Master Program of extramural studying. The main document is Description of education and professional program “Economic Security of Entrepreneurship”. The list of supporting documents to the main document “Description of education and professional program “Economic Security of Entrepreneurship” were prepared and forwarded to the University’s teaching department.
- Viktoriya Gura participated in the following activities aimed at raising the professional skills in The Hague (September 30 – October 04, 2019) and teaching excellence in Warsaw and Krakow (October 07 – 18, October 28 – 31, 2019).
- The future extramural interdisciplinary master program was presented in Warsaw (October 31, 2019) and in Kyiv (November 13, 2019; December 14, 2019). These activities gave the opportunity to involved the potential future students.
- In Fall semester of 2019-2020 academic year lecture courses of three foreign professors were organized:
 - October 21-25, 2019 - Prof. Jean Pascal Zanders, Belgium, lecture course «Basic Knowledge of CBRN», 24 hours.
 - November 18-22, 2019 - Prof. Brett Edwards, Great Britain, lecture course «Responsible entrepreneurial behavior», 20 hours.
 - November 25-29, 2019 - Prof. Quentin Michel, Belgium, lecture course «Globalization challenges», 24 hours.

Except our master students our potential future students were invited from different faculties of University and from other University (Vinnytsia).
- The negotiations with Ukrainian Chamber of Trade and Industry has been in the process about the request from their side to prepare future specialists of export control. In addition, the organization of practice in the spring semester 2020 for our 1st year master students in the Chamber has been discussed. As a result, from the 20th till 31st of January, 2020 our students had a two-week internship. In addition, 6 persons from different Chamber of Trade and Industry are going to enter at our extramural master program.
- In Spring semester of 2019-2020 academic year lecture courses of three foreign professors were organized (one of course is online):
 - February 03-07, 2020 - Prof. Quentin Michel, Belgium, lecture course «Global Trade Controls», 20 hours.
 - February 24-28, 2020 - Prof. Jean Pascal Zanders, Belgium, lecture course «Export control of dual-use goods and technologies», 24 hours.
- During February 24-28, 2020 there were several important negotiations. They were: meeting with chief of new department, where our extramural master program will be running; meeting with the rector of State Izmail University; meeting with representative of Military Institute.
- March 20-21, 2020 it was successful meeting with vice-rector of Vasyl’ Stus Donetsk National University in Vinnytsia.

- May 05-23, 2020 - Prof. Jean Pascal Zanders, Belgium, advanced online lecture course for professors «Export control of dual-use goods and technologies», 8 hours (4 online lectures).
 - May 11 – June 05, 2020 - Prof. Sonia, France, online lecture course «Transfer Controls (national requirements)», 16 hours (8 online lectures).
- Promoting the extra mural master program has already started. By now we have 14 potential students who have already registered at English language exam.
- Now the process of involving universities-partners into our network has started. These universities are: Military Institute (Kyiv) of Taras Shevchenko National University of Kyiv, Kyiv Academic University, State IZmail University, Vasyl' Stus Donetsk National University in Vinnytsia, Ternopil National Economic University, V. N. Karazin Kharkiv National University.

1.14 Expected Significance

Today issues of strengthening CBRN security in Ukraine have become extremely urgent. The issue of CBRN security for Ukraine is particularly important keeping in mind the existence of temporarily occupied territories of Donetsk and Lugansk regions. These territories have a high concentration of industrial objects with radioactive chemical, and biological materials that remained from the Soviet times. Therefore, it is very important to be sure that those persons who will first react on such challenges are prepared for these actions, and those who will make a decision can timely receive proper information about CBRN products or technologies, which they will use to protect the population.

We propose extra mural master program "Economic Security of Entrepreneurship" for increasing the potential of the struggle against modern threats and preparation specialists to solve technogenic, political, military and economic crises. This program is focusing on the education of specialists in export control and nonproliferation of dual-use goods and technologies.

In addition, due to the pandemic situation with COVID-19 in the whole world new challenges in biosecurity and biosafety have appeared. We should be aware in this sphere and apply new knowledge in our private and professional life.

We expect to gain the following results:

- to adapt existing syllabus of our courses to extra mural curriculum;
- to translate lectures' material into Ukrainian for future students;
- to conduct tutorials, handbooks and guidelines from defined courses;
- to create YouTube channel because we need to be affordable to a great amount of our future partners and students. Nowadays digitalization has become an important trend. Online lectures are a comfortable access to new knowledge. Thanks to online education we can transfer knowledge and experience with our partners.
- preparation of unique specialists by combining economic knowledge with law, and also getting knowledge of prevention of the consequences of radioactive, chemical, biological and nuclear threats;
- opportunity of graduating students' employment as experts of CBRN security and control of dual-use goods and technologies by consultative and other auxiliary structures not only in the state institutions of different levels but also in private companies;
- collaboration with interested national, international organizations and establishments in the sphere of the prevention of consequences of radioactive, chemical, biological and nuclear threats;
- database creation and support of information, knowledge and the best international practices exchange in relation to the CBRN threats;
- invite highly professional specialists from different faculties (chemical, radio physical) and institutes (biology and law) of the University, and engage online the foreign experts (STCU, European commission);
- raise the popularity and awareness of CBRN and export control in Ukraine;
- launch our specific courses (modules) in other universities of Ukraine.

Regarding the expansion to other national universities, here are details of the planned activities:

- 1) At the Military Institute we are going to implement topics from our courses into their disciplines. On the 10th of June it was a working meeting with the Chief of Scientific and Education Work.
- 2) At Kyiv Academic University we are going to lecture our courses and transfer knowledge to the colleagues in it.
- 3) At State Izmail University of Humanities we are going to implement our courses into their curriculum of educational programs. In the perspective they are ready to launch master program like we have done.
- 4) At Vasyly Stus Donetsk National University in Vinnytsia we are going to implement our courses into their curriculum of educational programs. We also discussed the project of Certification programs from CBRN.

Our areas of cooperation:

- transfer of knowledge in the field of CBRN safety and export control of dual-use goods and technologies

- in 2020-2021 academic year we are going to conduct:

- online lessons (DNU joins TSNUK online classes)
- guest lecturers from TSNUK will give lectures
- at the official level we will make a presentation of areas of cooperation and educational interdisciplinary program.

List of courses which TSNUK can transfer (transfer of knowledge)

1. Basic knowledge of CBRN
2. Globalization challenges
3. Global Trade Controls
4. Export control of dual-use goods and technologies
5. Responsible entrepreneurial behavior
6. Certification and licensing of dual-use goods and technologies

From September 2020 we are going to start teaching topics, conducting seminars and trainings, or even prepare a discipline.

In the next quarters we are planning to:

- develop other courses or DNU own educational program
- certificate program(s)
- joint educational project (it is our common strategic goal).

- 5) At Ternopil National Economic University we are going to implement our courses into their curriculum of educational programs. We also discussed other directions of cooperation:
 1. Read some our topics in their already existing courses. I will send them the topics and materials which I have prepared.
 - 1.1. When we have our lectures, their professors will connect online with their students to listen to our lecturing.
 2. To read courses Globalization challenges and Global Trade Controls from the second semester. Probably they call it a little differently, but the content will be the same.
 3. To prepare a proposal for the rector (we are conducting the draft of it with the help of Mrs. Natalia Kravchuk) about the launch of an educational program at the rector's department (The Customs business).
 4. The University has the Institute of Creative Studios. It is an idea on the basis of this Institute to launch a certificate program from Export control: to involve the Khmelnytsky, Chernivtsi, Volyn and Rivne regions. They have good connections with regional administrations and customs.
 5. To try cooperation with the Center for Entrepreneurship of Ternopil. Our CBRN will be very interesting to them.
- 6) At V. N. Karazin Kharkiv National University we are going to implement our courses into their curriculum of educational programs. In addition, we are in the negotiation process of creating a center of Export control.

What's new?

A set of documents for launching the extra mural master program "Economic security of entrepreneurship" has been already prepared. The main document "the Description of educational and professional program "Economic security of entrepreneurship" has sections as general competencies, professional competencies, program results of studying of future graduate students.

Preparation of experts-analysts from export control of dual-use goods and technologies dual-use is a new specialty, which will satisfy the demand on these specialists from both public and private institutions. Also, it will form responsible behavior and conscious attitude towards possible CBRN threats.

This direction is rather new for Taras Shevchenko National University of Kyiv and in the education area generally. That is why there are no many scientific publications written by the project group members in this field

Meanwhile, annual conference in the Military Institute of the Taras Shevchenko National University of Kyiv is organized, in which Viktoriya Gura took part and published a short article. In this scientific work, she emphasized the necessity of studying CBRN challenges and threats.

November 22, 2018 - XIV International scientific and practical conference «Military education and science: nowadays and future», the Military Institute of Taras Shevchenko National University of Kyiv, Kyiv.

Gura V. Necessity of teaching CBRN core concepts in Ukrainian universities / Tezy dopovidej XIV International scientific and practical conference «Military education and science: nowadays and future» [Text] / za zah. redakciyeyu I.V. Toloka. - K.: VIKNU, 2018. - 404 p. - P. 283 - 284.

It was written and published a scientific article dedicated to the economic security of entrepreneurship.

Gura Viktoriya. Integration of Information Systems for Predictive Workforce Analytics: Models, Synergy, Security of Entrepreneurship / Galyna O. Chornous, Viktoriya L. Gura. - European Journal of Sustainable Development (2020), 9, 1, 83-98. ISSN: 2239-5938. DOI: 10.14207/ejsd.2020.v9n1p83.

Our future network of cooperation covers almost all parts of Ukraine.

The center is presented by Military Institute and Kyiv Academic University.

The West of Ukraine is Vasyl' Stus Donetsk National University in Vinnytsia and Ternopil National Economic University.

The North part is represented by State Izmail University of Humanities.

The East is V. N. Karazin Kharkiv National University.

Our partners are located in industrial centers which is extremely important for our expansion. They are close to customs. Izmail is a harbor city. It means that our courses are relevant in these universities.

1.15 Organization, Qualification and Staffing

Who are we?

The future extra mural master program "Economic Security of Entrepreneurship" will be developed by the teachers of the Department of Environmental Management and Entrepreneurship, in particular:

1. **Viktoriya Gura** – PhD (in the field of Economics), Associate Professor of the Department of Environmental Management and Entrepreneurship, the Faculty of Economics, Taras Shevchenko National University of Kyiv. She is the author of 70 scientific publications.

February 2012 - Certificate of passing exam from English language (level B-2) and can lecture economic disciplines in English, Institute of Philology of Taras Shevchenko National University of Kyiv.

February 2017 - Certificate English for professional purposes of passed exam and achieved the level B-2, Foreign Language Center of Taras Shevchenko National University of Kyiv.

Since 2014 – organizer of School of Social Entrepreneur IBS at the Faculty of Economics in cooperation with Fil. Dr. J.-Urban Sandal Institute (Norway).

Since 2015 – Affiliated Honorary Research Fellow in Fil. Dr. J.-Urban Sandal Institute (in Norway): 5 scientific scholarship due to academic mobility (2015-2018).

From September to December 2014 she was trained at the Union of Entrepreneurs of Small, Medium and Privatized Enterprises of Ukraine.

From October to December 2014 - Studying course «Modern entrepreneurship: anti-recessionary measures» (Certificate of successful completion awarded), Faculty of Economics, Taras Shevchenko National University of Kyiv

November 2014 - International Study Course in Social Entrepreneurship SE-03-A (Certificate of successful completion awarded).

October 2015 - 3-day training workshop (Certificate of successful completion awarded), The British Council Researcher Connect project, Kyiv.

November 2015 - International Study Course in Innovation Management IM-03-A (Certificate of successful completion awarded).

January 2016 - British Council and Oxford University Academic Teaching Excellence Course (Certificate of successful completion awarded), The British Council Teacher Development Event, Kyiv.

August 2016 - Scientific Scholarship: rising the pedagogic skills, The Czech Republic Academy of Science, Prague.

August 2016 - Summer School English for Universities of improving teacher professionalism (Certificate of successful completion awarded), The British Council Teacher Development Event, Odessa.

November 2016 - International Study Course in Service Vision Management SV-03-A (Certificate of successful completion awarded), (Diploma of completion School of Social Entrepreneur IBS awarded).

From March to April 2018 - Special course «TaxLab. Tax laboratory» (Certificate of successful completion awarded), Deloitte and Faculty of Economics, Taras Shevchenko National University of Kyiv.

August 2018 - 4th EU Summer University on Strategic Trade Control and Non-proliferation (Diploma of successful completion awarded), European Commission, Austria.

From September 2017 to December 2018 - Professional qualification program «School of Polish Law» in the Center of Polish Law (Certificate of successful completion awarded), the Faculty of Law, Taras Shevchenko National University of Kyiv. Co-organization: University of Warsaw, the Faculty of Law and Administration, Centre for Promotion of Polish Legal Research.

May 20-24, 2019 - Training course of STCU «Dual-use goods and technologies: general legal base, key moments, technical aspects and test situations» (Certificate of successful completion awarded), Ukrainian Chamber of Commerce and Industry, Kyiv.

September 30 – October 04, 2019 - Training program «Disarmament and Non-proliferation of Weapons of Mass Destruction» (Certificate awarded), Asser Institute (Center for International and European Law), Hague, the Netherlands.

October 07 - 18, 28 – 30, 2019 - Trainings in the framework of project «Innovative University and the Leadership, V faze: Interdisciplinary and cross-industry and strategies of development of University», Warsaw University (Warsaw) and Jagiellonian University (Krakow), Poland.

January 13 -15, 2020 - The Munich workshop on the implementation of non-proliferation controls in universities and research institutes (Certificate awarded), King's College London, Great Britain, and Fraunhofer-Gesellschaft, Germany, organized training in Munich.

Organized and attended courses of 4 foreign professors at the Faculty of Economics:

- October 21-25, 2019 - Prof. Jean Pascal Zanders, Belgium, lecture course «Basic Knowledge of CBRN», 24 hours,
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- May 11 – June 05, 2020 - Prof. Sonia, France, lecture course «Transfer Controls (national requirements)», 16 hours (8 online lectures).

2. Galina Kupalova – Doctor of Sciences (in the field of Economics), Professor, Professor Emeritus at Karaganda Economic University (Kazakhstan). Head of the Ukrainian-German Chair of Environmental Management and Entrepreneurship, Director of German-Ukrainian Center for economic and environmental education, science, entrepreneurship and culture at Taras Shevchenko National University of Kyiv (Ukraine). She is the author of 280 scientific publications. Ms. Kupalova schooled and trained 25 candidates of economic sciences. She was named the best lecturer of the Faculty of Economics, lectured at higher education institutions in Poland, Kazakhstan and Russia on a grant basis. Ms. Kupalova is the winner of Taras Shevchenko Prize awarded by Taras Shevchenko National University of Kyiv. She upgraded her professional skills abroad participating in various training and practical courses in higher education and research institutions in Germany, Canada, Great Britain, Hungary, Bulgaria, Poland, Kazakhstan, Russia, Uzbekistan and other countries.

1992 – training course on banking, lending and financing Ukrainian agriculture, Kyiv, Ukraine (Certificate of the Center for International Agricultural Financing at Iowa State University, USA).

1993 – joint Ukrainian-German training course on privatization and modern management of agricultural enterprises, Kyiv (Ukraine), Berlin (Germany) (Certificates of the Ministry of Agriculture of Ukraine and the National School of administration of agro-industrial complex development).

1996 to 1997 – training course “Project Analysis in Agriculture” held under the auspices of the World Bank, Tashkent (Uzbekistan), Moscow (Russian Federation), Toronto, Saskatoon (Canada). Agricultural project analysis training instructor certificate.

1999 – 2 training courses on reforming the system of social protection of the Ukrainian citizens based on UK case studies, London, Belfast (Great Britain).

2007 – training course “Experience and problems of the European countries in implementation of principles and objectives of the Bologna Process”, Bila Tserkva (Ukraine). Certificate.

2010 to 2013 – internship:

— at the Business and Information Technology = School within the framework of the International Campus Symposium “Sustainable Development – social reality or green illusion”, Iserlohn (Germany), 2010.

— at the Gumilyov Eurasian National University, “Experience of teaching disciplines related to trade and logistics”, Astana (Kazakhstan), 2012. Certificate.

— at Karaganda Economic University, “Formation of an electronic trade enterprise”, Karaganda (Kazakhstan), 2013. Certificate.

2013 – training course “Prospects for sustainable consumption and production in Ukraine”, Kyiv (Ukraine). Certificate.

2015 – training course “Introduction of clean technologies in industry: German experience”, Bad Saarow (Germany). Innovation Management Institute certificate.

2016 – training course “Sustainable Health Care Innovation Management and Efficiency Technologies in Germany: experience transfer”, Bad Saarow (Germany). Certificate of Brandenburg Academy of Medical Sciences and Technologies.

2016 – training course "Environmental management systems. Requirements and application instructions", Kyiv (Ukraine). Certificate “Internal auditor of environmental management systems”, No SIC-02/2197, date of issue 24.02.2016.

2016 – training course “1C: Accounting 8 for Ukraine”, Kyiv (Ukraine). Certificate No 19, date of issue 25.03.2016.

2018 – practical training course on schooling stock exchange specialists “Stock exchange activities and trade”, Kyiv (Ukraine). Certificate No BR 009, date of issue 25.03.2016.

2018 – hands-on course on the use of M.E.Doc accounting software. Certificate UTSh/V002, date of issue 21.06.2018.

2018 – internship within the framework of academic mobility program at Karaganda Economic University (Kazakhstan) on the topic “Development of entrepreneurship, trade and logistics in conditions of knowledge economy digitalization” (duration: 1 month, 01-30.11.2018). Certificate.

2018-2019 – advanced training (internship) at the Kyiv National University of Trade and Economics from 01.09.2018 to 02.11.2018, from 04.12.2018 to 31.01.2019 (order No 4478 of 29.11.2018). Certificate.

3. Oleksandr Boguslavskyy – PhD (in the field of Economics), Associate Professor of the Department of Environmental Management and Entrepreneurship Department, Taras Shevchenko National University of Kyiv. He is the author of more than 60 scientific publications.

In June 2017 he received Certificate from the English language, level B-2, Foreign Language Center of Taras Shevchenko National University of Kyiv.

From September to December 2016 he was trained at the Union of Entrepreneurs of Small, Medium and Privatized Enterprises of Ukraine.

November 2016 - International Study Course in Social Entrepreneurship SE-03-A (Certificate of successful completion awarded).

November 2017 - International Study Course in Innovation Management IM-03-A (Certificate of successful completion awarded).

November 2018 - International Study Course in Service Vision Management SV-03-A (Certificate of successful completion awarded), (Diploma of completion School of Social Entrepreneur IBS awarded).

Attended courses of 3 foreign professors at the Faculty of Economics:

- October 21-25, 2019 - Prof. Jean Pascal Zanders, Belgium, lecture course «Basic Knowledge of CBRN», 24 hours,
Except our master students our potential future students were invited from different faculties of University and from other University (Vinnitsia).
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May 05-23, 2020 - Prof. Jean Pascal Zanders, Belgium, advanced online lecture course «Export control of dual-use goods and technologies», 8 hours (4 online lectures).

Invited specialists (both of them will be part timer lectures in the University).

3. **Volodymyr Davydovskyy** - Doctor of Sciences (in the Field of Nuclear Physics, Physics of Elementary Particles and High Energies), Head of the Theory of Nuclear Processes Department, Head of the Export Control Group, Institute for Nuclear Research of National Academy of Sciences of Ukraine. He is author of more than 70 scientific publications.

Since 2003 – Head of the Export Control Group of the Institute for Nuclear Research NASU.

Since 2002 – Organizing international seminars and/or delivering presentations on various export control related topics (several times as a member of US DOE delegation).

Since 2004 – Developing and delivering of the National Commodity Identification Training for Ukrainian Custom Officers, International CIT trainer, International CIT Instructors trainer.

Since 2018 - Designing and developing of the e-Learning Courses on Export Control and Dual-Use and Strategic items Identification.

December 2018 – Commemorative award of the State Service of Export Control of Ukraine for the personal contribution to the practical implementation of the EU-Ukraine Association Agreement and development of the Single List of Dual-Use Items of Ukraine.

February – May 2020 – Developing the Export Control Course and Delivering it at the Economic Faculty of Taras Shevchenko National University of Kyiv.

5. **Igor Anokhin** - PhD (in the field Solid State Physics), Senior Staff Scientist (senior research fellow), Department of Theoretical Physics, Institute for Nuclear Research, National Academy of Sciences of Ukraine. He is the author of more than 60 scientific publications.

Since 1999 – Delivering Export Control Trainings for industry held both in Ukraine and abroad.

Since 1996 – Deputy Head of the Group of the Export Control of the Institute for Nuclear Research NASU.

February 2007 - Certificate of passing training on international export control policy in the Export Control Academy, Center for International Trade and Security, The University of Georgia, USA.

Since 2004 – Developing and delivering of the National Commodity Identification Training for Ukrainian Custom Officers, International CIT trainer, International CIT Instructors trainer

Since 2018 - Designing and developing of the e-Learning Courses on Export Control and Dual-Use and Strategic items Identification.

December 2018 – Commemorative award of the State Service of Export Control of Ukraine for the personal contribution to the practical implementation of the EU-Ukraine Association Agreement and development of the Single List of Dual-Use Items of Ukraine.

Due to the dissemination of our project and increasing the awareness of the Ukrainian academic and educational community we are aimed to involve in our movement government and business environment. That is why the relevant experts from different universities were selected to participate in the project.

OTHER PARTICIPANTS:

6. **Olena Borovska** – MBA, Master of linguistics and economics, Kyiv Academic University (KAU). Olena has been a project manager at the international companies since 1997.

Professional competences are the functions of organizing the project from the very beginning, creating a team, managing the whole project, fulfilling the strategic tasks of the project, monitoring and analyzing the progress of the project, finance and reporting.

Since 2004 Olena has worked in the field of marketing, advertising and PR. Building effective communications between the company and target audiences, developing business strategies and successful marketing solutions, organizing advertising events, planning and controlling event budgets, developing a strategy for increasing sales of advertising spots, developing a marketing strategy, finding clients and related transactions with them, managing staff.

Presently, Olena is responsible for international projects support and financial management in Kyiv Academic University (KAU). She is the Finance Director of KAU Innovation Centre, Head of the Grant Office and Head of the startups Laboratory.

Olena Borovska has a strong experience in managing and coordinating EU-funded research projects. She

is managing the project supported by program DIES (2019 – 2021 Ukrainian German Technology Transfer University Partnership, DAAD).

She organizes the Biotech Science-Industry Workshop and coordinating the establishment of the Translational Research Office in NEUROTWIN project.

7. **Yaroslav Kichuk** – Doctor of Sciences, Rector of Izmail State University

8. **Tetyana Nagornyak** – Doctor of Sciences (in the field of Political Sciences), Professor, first Vice-rector of Vasyl' Stus Donetsk National University in Vinnytsya.

Author of 3 monographs, 2 tutorials for students, dictionaries, reference books and more 200 scientific articles on the matters of politics and public relations. Editor in Chief of the editorial Board of the specialized scientific journal "Political Life" (Index Copernicus). Guest editor of the foreign specialized scientific journal "European Journal of Transformation" 2013-2014. Member of the editorial Board of specialized scientific journals ("Актуальні проблеми політики", "European political and law discourse", "European Journal of Transformation", "Вісник Донецького національного університету імені Василя Стуса. Серія Політичні науки", "Studia Politologica Ucraino-Polona").

Founder and head of scientific school of applied political science and political branding. Scientific supervisor 8 and opponent of 13 defended dissertations on political sciences. Member of two Dissertation Committees (Political Sciences).

November 04-29, 2019 - Participation in the International Project "Innovative University and Leadership. Phase V: Interdisciplinarity and Intersectionality and Universities' Development Strategies" (Warsaw, Krakow, Poland).

October 16, 2019 - Participation in the Polish-Ukrainian Rector's Seminar "Ratings in Universities' Development Strategy" (Taras Shevchenko National University of Kyiv, Kyiv, Ukraine).

October 10, 2019 - Participation in the Strategic workshop - part of the project "Strengthening teaching and learning in Ukrainian universities" (Kyiv, Ukraine).

October 7-8, 2019 - Participation in the training of experts for accreditation of educational programs (Vasyl' Stus Donetsk National University, Vinnytsya).

June 11-12, 2019 - Participation in the International Conference "Strengthening the Quality Assurance System of Higher Education in Ukraine" (Kyiv National University of Trade and Economics).

May 16-17, 2019 - Co-organization and participation in the International Scientific and Practical Conference "Science, Education, Society: Realities, Challenges, Prospects" (Vasyl' Stus Donetsk National University, Vinnytsya).

April 10-13, 2019 - Participation in the meeting of the International Consortium of Universities (key speaker of the 1st section "Cooperation of Universities with Local Self-Government Bodies, Youth Organizations, and Business" (Uzhgorod National University).

March 30 - April 07, 2019 - Erasmus + internship at Cardiff Metropolitan University (Wales, UK).

March 19, 2019 - Participation in the training for experts in quality assurance of higher education (Simon Kuznets Kharkiv National University of Economics (KNEU named after S. Kuznets).

February 22, 2019 - Participation in the open discussion "University of the 21st Century: Whether and How to Overcome the Ukrainian University (Ukrainian Catholic University, Lviv, Ukraine).

February 4-10, 2019 - Participation in the 21st International Scientific Conference "Europe XXI Century. The EU's internal and external borders "(Adam Mickiewicz University, Poznan, Poland).

November 20 - 23, 2018 - Participation in the training for trainers for the training of experts on the quality assurance of higher education in the framework of the implementation of the projects "Formation of the network of experts on the quality assurance of higher education" (funded by the Czech Development Agency) and "New system of accreditation as a means of ensuring quality and overcoming corruption in higher education" (funded by the International Renaissance Foundation).

November 12 - 16, 2018 - Participation in full training program "Open University. Inclusion Processes in the University Environment "within the framework of the project" Progressive Management of the University (30 hours) (University of T. Garik Masaryk, Brno, Czech Republic).

August 2 – 7, 2018 - Participation in training for teachers in the framework of preparation for the course "Democracy: from theory to practice" with the support of IFES (Odessa, Ukraine).

February 28 - March 7, 2018 - Internship "Internationalization of Higher Education in Ukraine" at Cardiff Metropolitan University (Wales, UK).

January 30 - February 3, 2018 - Participation in the 18st International Scientific Conference "Europe XXI Century. Europe and the European Union in the face of new challenges" (Slubice, Poland).

February 27 - March 5, 2017 - Erasmus + Staff Days Internship at the Central European University (Budapest, Hungary).

March 6 - 11, 2016 - Participation in the educational program "The Experience of Implementing Educational Innovations, Strategy of Ukrainian Universities in the European Higher Education Area". Project "Reconciliation in Ukrainian society: from protest energy to energy generation" Conflict Prevention, Promoting Stability and Security in Ukraine, The Government of the United Kingdom (Lviv, Ukraine).

November 23, 2016 - Participation in the 5st Ukrainian Scientific and Practical Conference "European Integration of Higher Education in Ukraine in the Context of the Bologna Process" (Kyiv, Ukraine).

April 25, 2014 - Participation in the seminar "Urban Studies: Current State and Development Prospects" (Dnipropetrovsk, Ukraine).

November 27 - 28, 2014 - Participation in the international conference "Obywatelska partycypacja w zyciu społecznym, publicznym i politycznym w Polsce i na Ukrainie w okresie przemian ustrojowych" (Krakow, Poland).

9. Mykola Polovyi – PhD (in the field of History), D.Sc. (in the field of Political Science), Professor at the department of political science and public administration, Vasyl' Stus Donetsk National University, Vinnitsa. He is the author of more than 150 scientific publications including two monographs.

Reviewer and/or a member of editorial boards at scientific journals: Polish-Georgian: "European Journal of Transformation Studies" (WoS); Czech: "European philosophical and historical discourse", "European political and law discourse" and Ukrainian: "Actual problems of politics", "Political Life", "The Herald of Vasyl' Stus Donetsk National University. Political science", etc.

Since 2016 – editor-in-chief of the journal "The Bulletin of Vasyl' Stus Donetsk National University. Political science".

Since 2014 – editor-in-chief of the journal "European political and law discourse".

Since 2018 a member of the Association for Slavic, East European and Eurasian Studies (www.aseees.org).

Since 2018 a member of the International Association for the Humanities (<http://www.mag-iah.com/>).

Since 1995 a member of the International Association for "History and Computer" (<http://www.aik-sng.ru/>).

From August 2015 – scientific expert at the Foundation in Support Fundamental Researches (Ukraine), Odesa (Ukraine).

From August 1997 – head of scientific department at the South-Ukrainian center of gender problems, Odesa (Ukraine).

Since 2018 – volunteer Editor at the OpenMethods team (<https://openmethods.dariah.eu/volunteer-editors>).

Since 2019 – expert at the Pylyp Orlyk Institute for Democracy (Ukraine) (<https://idpo.org.ua/>).

From February to June 2018 – Studying course “Creation of teaching courses in the MOODL” (Certificate of successful completion awarded), Vasyl' Stus Donetsk National University.

From November to December 2017 – Scholarship “Innovation University and Leadership. Phase III: innovations and relations with social environment” (Certificate of successful completion awarded), Warsaw University and Jagellonian University, Poland.

10. Nataliya Kravchuk – Doctor of Economics, Associate Professor, Professor of the Department of International Relations and Diplomacy of Ternopil National Economic University (from September 2019); Head of the Department of International Law, International Relations and Diplomacy of Ternopil National Economic University (April 2017 – July 2019); Coordinator of the interdisciplinary academic educational program Business Innovation in Ternopil Business School (2016-2017); Member of the Scientific and Methodological Commission on Business, Management and Law of the Ministry of Education and Science of Ukraine (April 2016 – April 2019). The author of more than 80 scientific research papers. February 2020 – followed a certified program ‘Interactive methods of teaching a course in civic education ‘Democracy: from theory to practice’ within the project IFES Ukraine (Kyiv, Ukraine); November 2019 – a coordinator and coach of the project ‘World’s Largest Lesson’, implemented within the UN project Sustainable Development Goals for 2030 (a joint project of Ternopil National Economic University and AIESEC Ukraine in Ternopil); October 2019 – a certified internship at the Warsaw and Jagiellonian Universities within the project ‘Innovative University and Leadership. Phase V: Interdisciplinarity, Intersectoral and University Development Strategies’ (Warsaw – Krakow, Poland); November 28, 2018 – June 21, 2019 – Proficiency enhancement within the framework of intensive Training ‘TRANSMISSION’ organized for lecturers of Ternopil National University of Economics (Ternopil, Ukraine) under the program of development of soft and hard skills; June 2018 – a short-term foreign internship within the framework of the ‘Summer School of Young Diplomacy’ project (Budapest, Hungary – Vienna, Austria); work and study visits within the program to: the University of Corwin; the Faculty of International Relations of the Central European University; the Embassy of Ukraine in Hungary (Budapest); the UN Headquarters in Vienna (Vienna); October 2017 – April 2018 – a certified internship at Taras Shevchenko National University of Kyiv (Department of International Law, Institute of International Relations) (Kyiv, Ukraine); September 2016 – February 2018 –accomplished a Master's Degree at TNEU in the specialty ‘Law’, Law Faculty, Master's Degree (correspondence education); March – April 2017 – foreign internship at the University of Latvia (Faculty of Business, Management, and Economics) (Riga, Latvia); December 2017 – an organizer and creative manager of the International Youth Diplomatic Forum ‘Future Diplomacy vs. New Challenges’ dedicated to the 100th anniversary of Ukrainian diplomacy (a joint project of Ternopil National Economic University and Ternopil Oblast State Administration); December 2015 – June 2016 – a certified program within the internship in Estonian Business School (Tallinn, Estonia); September 2014 – defended a doctoral thesis on: ‘Financial Imbalances of the World Economy in the Conditions of Global Asymmetry’ (within the specialty ‘World Economy and International Economic Relations’); December 2009 – a short-term foreign internship at Dresden Technical University (Dresden, Germany); December 2007 – February 2008 – training in the Ministry of Finance of Ukraine (Department of State Debt).

11. Vitalina Babenko - Dr. Sci. (habil.) in Economics, PhD in Technical Sciences, Professor. Professor of International E-commerce and Hotel&Restaurant Business Department, International Business and Economic Theory Department of the School of International Economic Relations and Travel Business of V.N. Karazin Kharkiv National University. She is an author of more than 215 publications, including 170 scientific and 45 methodical materials.

In 1995 finished Kharkiv National University of Radio Electronics. Specialty: applied mathematics.
In 1997 graduated from Kharkiv State Academy of Municipal Economy. Specialty: economics and management.

1999 - Candidate of Technical Sciences. Specialty Mathematical modeling and computational methods.

2015 - Science degree: Doctor Science in Economics. Specialty 08.00.11. - Mathematical models, methods and information technologies in economics.

2017 - Scientific title: Professor.

Member of Doctoral Academic Council (Mathematical Methods, Models and Information Technologies in Economics & Economics and Management of Enterprises), Expert of the Ministry of Education of Ukraine, Expert of Ukrainian Institute Scientific Technical Information, Member International Journal of BioSciences and Technology (IJBST Journal Group), Members of IETI (International Engineering and Technology Institute).

Editor-in-Chief:

Journal of V. N. Karazin Kharkiv National University Series: "International Relations. Economics. Country Studies. Tourism" (IRECST), International Journal of Economics and Management Systems, Special Issue "Mathematical Methods, Models and Information Technologies in Business and Economics" for the journal WSEAS Transactions on Business and Economics (Scopus).

Member of editorial board of scientific journals: Innovative Technologies and Scientific Solutions for Industries (Ukraine), European Journal of Management Issues (Ukraine), Journal of Political Science and International Relations (USA), Economic Trends (republic of Belarus), The Egyptian Computer Society Journal (Egypt), Journal of International Politics (USA), Open Journal of Economics and Commerce.

How does this project relate to our other work?

The extramural master program "Economic Security of Entrepreneurship" will be the new master program at the Department of Environmental Management and Entrepreneurship.

Our main work deals with educating students and doing scientific research in different spheres of entrepreneurship.

Preparation of experts-analysts of export control on the base of the Department of Environmental Management and Entrepreneurship is a logic continuation of scientific and education activity of our Department. In addition, launching this actual extra mural master program is a response to the labor market demand due to lecturing disciplines, which we are going to implement in the curriculum of this master program.

Another actual part of this project is creating on universities network and share knowledge of export control and CBRN. We are set a honorable goal to raise the awareness and responsibility of the Ukrainian society in this sensitive topic through the academic and students community.

1.16 Expected Results

What will be done in the framework of this project?

This project is expected to prepare the experts on economic security of entrepreneurship, which will specialize in effective organization and implementation of export control of dual use goods and technologies. In addition, aim of this project is the formation of future specialists with professional competencies in carrying out expert-analytical activities in the field of prevention the possible CBRN threats.

Other important element is knowledge transfer. We are planning internal travels to our partners to educate and share experience, to check the process of implementation, to discuss all moment and future plans. It is expected from to 2 to 3 trips in the quarter to Izmail, Vinnytsia, Ternopil, Kharkiv.

1.17 Scope of Activities

How will the investigation be organized?

Within the framework of the project we are planning:

- to launch extra mural master program in Economic Security of Entrepreneurship to provide training of experts in the field of CBRN security and export control;

- to create a research group which will conduct scientific and practical research in the field of dual-use goods and technologies export control as well as prevention of CBRN threats spreading by means of preparing recommendations for the state authorities, holding panel discussions, round tables, to write and to publish scientific articles, master's thesis, PhD thesis;
- to organize internships for students in the field of dual-use goods and technologies regulation on the base of advisory and other auxiliary structures of state authorities at different levels as well as on the base of private companies involved in the export-import of goods and technologies for dual use;
- to launch our specific courses in other universities of Ukraine (our partners),
- to extend international cooperation in the field of CBRN challenges and export control of dual-use goods and technologies.

Preparation of documents for the master program is one of the most important stages of the project.

The description of education and professional extra mural program “Economic Security of Entrepreneurship” is a key document, which contains the following:

1. Profile of the education program (EP):

- 1 – general information
- 2 – purpose of the education program
- 3 – general characteristics of the education program
- 4 – employment of graduates and further education
- 5 – training and evaluation methods
- 6 – the program competencies
- 7 – the program results of training
- 8 – resources support for the implementation of the program
- 9 – academic mobility

2. List of components of the education and scientific program and their logical consistency

2.1. List of the education program components

- Obligatory components of the education program
- Disciplines of free students’ choice

2.2. Structural and Logic Scheme of the education program “Economic Security of Entrepreneurship”

3. Attestation of higher education applicants

4. Compliance matrix of the program competencies to the obligatory components of the education program

6. Matrix of providing program learning outcomes (PLO) with relevant components of the education program.

1.18 Technical Approach and Methodology

How will it be done?

1. For the master program, launching documentation for passing scientific and methodical commissions of the Faculty of Economics and the University, Academic Councils of Faculty of Economics and the University have been prepared and now everything is in the process.
2. It is running the advertising campaign in Kyiv and other cities of Ukraine to inform potential students about our extra mural master program (personnel network of students and specialists, presentations at various universities).
4. We will prepare scientific articles on the subject of export control to strengthen the methodological support for the new master program.
5. We will prepare the course guidelines for our future students from disciplines.
6. We will adapt and translate into Ukrainian existing syllabus and materials according to extra mural master program requirements.
7. We will create YouTube lectures for attracting new people to our community and to be innovative in online education environment.

1.19 Planning of self-sufficiency

After the completion of funding we are planning to continue to recruit students to the educational and professional extra mural program "Economic Security of Entrepreneurship" and to provide teaching these disciplines.

In addition, in other universities we are planning to launch extra mural master program and continue cooperation.

Besides these activities we are going to start Certification programs in our university and others to provide valuable knowledge to as many interested people as it is possible from different areas of activity (business, government, non-government institutions.)

3. Work schedule

Definite stages of the project implementation are represented in matrix diagram in Table 1.

Table 2 graphically displays timing and duration of the stages involved, as well as interdependence of the stages.

4. Personnel commitments

Table 3 displays personnel commitments for the project implementation.

5. Goods, Services, and Other Direct Costs

Tables 4, 5, and 6 display the equipment, materials, services, and other direct costs to be purchased for the project.

6. Travels

Table 7 displays the costs necessary for travel outside and within country of residence.

7. Financial summary

Tables 8 and 9 display aggregate financial information and define the first advanced payment.

8. List of personnel

Table 10 contains detailed information about each individual person involved.

9 Allocation of the project budget among participating institutions *(for more than one participating institution only)*

Supplementary tables S8 and S9 display estimated expenditures by each participating institution separately.

Table 1. Work Schedule / Таблица 1. Розклад робіт

Stages / Substages*			Institution short name	Estimate Work Days												Total by stage	Milestones	months
# Stages	## Stages	Name		Qtr1	Qtr2	Qtr3	Qtr4	Qtr5	Qtr6	Qtr7	Qtr8	Qtr9	Qtr10	Qtr11	Qtr12		Name	
1		Description of Professional Program														456	Conducting of a full-text description of Master program according to the standards of the Ministry of Science and Education	18
	1,1	Creating Curriculum	KNU	40	40	38	38	38	38	0	0	0	0	0	0		Examining the sphere of export control and developing the curriculum with actual disciplines	
	1,2	Developing the teaching plan	KNU	36	36	38	38	38	38	0	0	0	0	0	0		1. Composing work schedule of full extra mural master program. It means dividing the period of teaching (1 year and 4 months) for such period as teaching time, examination session, holidays, practice, master thesis writing. 2. According to the lecturing logic distribution of disciplines in 4 semesters with pointing out credits, hours of lectures, seminars, independent work, final control (exam or final tests)	
2		Promoting company														60	Preparation of advertisement strategy, materials and information about Master program. The goals of the promotion company: - to provide the unique knowledge and show the importance of dual-use goods and technologies export-import controls; - to speak about CBRN, disarmament and security questions; - to teach about export control, trade regimes, international agreement in the sphere of CBRN; - to inform about the new extra mural Master program "Economic security of entrepreneurship": competitive advantages, opportunities and possibilities.	18
	2,1	Promoting company	KNU	10	10	10	10	10	10	0	0	0	0	0	0			
3		Conducting syllabus of new disciplines														150	Preparation of lectures and seminars materials, creating power point presentations of each topic, creating interesting home tasks to the students (case-studies), conducting list of literature etc.	18
	3,1	Conducting syllabus of new disciplines	KNU	30	30	20	20	30	20	0	0	0	0	0	0			
4		Days of the opened doors at the Faculty of Economics and in the University, presentation of extra mural Master program at the different occasions and events, in different universities, at the different faculties														12	Prepare advertisement materials, presentation in Power Point	18
	4,1	Days of the opened doors at the Faculty of Economics and in the University, presentation of extra mural Master program at the different occasions and events, in different universities, at the different faculties	KNU	2	2	2	2	2	2	0	0	0	0	0	0			
5		Writing articles, guidelines, handbooks from disciplines														140	Scientific and practical work	18

Table 2. Work Schedule Chart / Таблиця 2. Діаграма етапів проекту

Stage number	Beginning date	Duration, months	Q1			Q2			Q3			Q4			Q5			Q6			Q7			Q8			Q9			Q10			Q11			Q12		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1 Stage	1	18	Description of Professional Program																																			
2 Stage	1	18	Promoting company																																			
3 Stage	1	18	Conducting syllabus of new disciplines																																			
4 Stage	1	18	Days of the opened doors at the Faculty of Economics and in the University, presentation of extra mural Master program at the different occasions and events, in different universities, at the different faculties																																			
5 Stage	1	18	Writing articles, guidelines, handbooks from disciplines																																			
6 Stage	1	18	Knowledge and experience transfers to partners from different universities of Ukraine																																			
7 Stage			#Н/Д																																			
8 Stage			#Н/Д																																			
9 Stage			#Н/Д																																			
10 Stage			#Н/Д																																			
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24 Stage			#Н/Д																																			

Table 7. Travel / Таблица 7. Від'їждження

#	Country of Destination	City	Inst.	People	Institute of Destination	Purpose of Travel	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Total	
International																				
1	EU	EU	1	2	Liege University, other EU institutions, taking part in the international workshops and conferences	Participation in the Trainings for Trainers courses	0	0	0	2000	2000	2000	0	0	0	0	0	0	0	6000
																				0
																				0
																				0
Total International Costs:							0	0	0	2000	2000	2000	0	0	0	0	0	0	0	6000
Domestic																				
1	Ukraine	Vinnitsia, Izmail, Kharkiv, Ternopil and other cities of Ukraine	1	1	Izmail State University, Donetsk National University of Vasyl Stus in Vinnitsia etc.	Transfer of knowledge and trainings of partners	600	600	600	600	600	600	0	0	0	0	0	0	0	3600
																				0
																				0
																				0
Total Domestic Costs:							600	600	600	600	600	600	0	0	0	0	0	0	0	3600

Summary	
International:	6000
Domestic:	3600
Total:	9600

Table 8. Financial Summary / Таблица 8. Зведена фінансова інформація

#	Item	Qtr1	Qtr2	Qtr3	Qtr4	Qtr5	Qtr6	Qtr7	Qtr8	Qtr9	Qtr10	Qtr11	Qtr12	Total
1	Days - FWS	30	20	25	25	20	20	0	0	0	0	0	0	140
2	Days - NFWS	148	148	148	148	148	148	0	0	0	0	0	0	888
	Total Days:	178	168	173	173	168	168	0	0	0	0	0	0	1,028
1	Grants - FWS	900	600	750	750	600	600	0	0	0	0	0	0	4,200
2	Grants - NFWS	4530	4530	4530	4530	4530	4530	0	0	0	0	0	0	27,180
3	Grants total:	5430	5130	5280	5280	5130	5130	0	0	0	0	0	0	31,380
4	Equipment	6050	0	0	0	0	0	0	0	0	0	0	0	6,050
5	Materials	100	100	100	100	100	100	0	0	0	0	0	0	600
6	Other Direct Costs	12053	1400	1600	1100	5777	900	0	0	0	0	0	0	22,830
7	Travel International	0	0	0	2000	2000	2000	0	0	0	0	0	0	6,000
8	Travel Domestic	600	600	600	600	600	600	0	0	0	0	0	0	3,600
9	Travel Total:	600	600	600	2600	2600	2600	0	0	0	0	0	0	9,600
10	Non-Labor Expenses:	18803	2100	2300	3800	8477	3600	0	0	0	0	0	0	39,080
11	Total Expenses:	24233	7230	7580	9080	13607	8730	0	0	0	0	0	0	70460
12	Overhead for the Institution	880	880	880	880	880	880	880	880	0	0	0	0	7040
13	Total Project Cost:	25,113	8,110	8,460	9,960	14,487	9,610	880	880	0	0	0	0	77,500

Overhead for the Institution(s):	10
Project duration (quarters):	8

Table 9. Financial Summary (Cumulative)

#	Item	Qtr1	Qtr2	Qtr3	Qtr4	Qtr5	Qtr6	Qtr7	Qtr8	Qtr9	Qtr10	Qtr11	Qtr12
1	Days - FWS	30	50	75	100	120	140	140	140	140	140	140	140
2	Days - NFWS	148	296	444	592	740	888	888	888	888	888	888	888
	Total Days:	178	346	519	692	860	1028	1028	1028	1028	1028	1028	1028
1	Grants - FWS	900	1500	2250	3000	3600	4200	4200	4200	4200	4200	4200	4200
2	Grants - NFWS	4530	9060	13590	18120	22650	27180	27180	27180	27180	27180	27180	27180
3	Grants total:	5430	10560	15840	21120	26250	31380	31380	31380	31380	31380	31380	31380
4	Equipment	6050	6050	6050	6050	6050	6050	6050	6050	6050	6050	6050	6050
5	Materials	100	200	300	400	500	600	600	600	600	600	600	600
7	Other Direct Costs	12053	13453	15053	16153	21930	22830	22830	22830	22830	22830	22830	22830
8	Travel International	0	0	0	2000	4000	6000	6000	6000	6000	6000	6000	6000
9	Travel Domestic	600	1200	1800	2400	3000	3600	3600	3600	3600	3600	3600	3600
10	Travel Total:	600	1200	1800	4400	7000	9600	9600	9600	9600	9600	9600	9600
11	Non-Labor Expenses:	18803	20903	23203	27003	35480	39080	39080	39080	39080	39080	39080	39080
12	Total Expenses:	24233	31463	39043	48123	61730	70460	70460	70460	70460	70460	70460	70460
13	Overhead for the Institution	880	1760	2640	3520	4400	5280	6160	7040	7040	7040	7040	7040
14	Total Project Cost:	25,113	33,223	41,683	51,643	66,130	75,740	76,620	77,500	77,500	77,500	77,500	77,500

Table 10. List of Personnel

Emp. Number	Number in Project	Surname (UA)	First Name (UA)	Second Name (UA)	Surname (EN)	Name (EN)	Passport Number	Project Number	Bank Account Number	Bank ID	Category Number	Advance	% of participation	Daily Rate	Tax ID Number	I-Code	Position at the organization	Participation in other STCU projects	state project numbers and % of participation	
	1	Гура	Вікторія	Леонідівна	Gura	Viktoriya	TT-045962	9606a	UA51305299000026207677994215	1	2	735	76	35	3058511686	1	Associate Professor	No		
	2	Купалова	Галина	Іванівна	Kupalova	Galina	TT-170029	9606a	UA97305299000026202681762201	1	2	175	18	35	2002908526	1	Chief of the Department	No		
	3	Богуславський	Олександр	Володимирович	Boguslavskij	Olexandr	CH-198393	9606a	UA78305299000026201670254497	1	2	100	12	30	2880910594	1	Associate Professor	No		
	4	Давидовський	Володимир	Володимирович	Davydovskyy	Volodymyr	CO-014106	9606a	UA453348510000026201405792524	2	1	150	14	30	2693209118	1	Associate Professor	No		
	5	Анохін	Ігор	Свєнїйович	Anokhin	Igor	ME-975084	9606a	UA68351005000026202806996869	3	1	150	14	30	2326704351	1	Associate Professor	No		
	6	Кічук	Ярослав	Валерійович	Kichuk	Yaroslav	KE-957440	9606a		0	2	100	12	30	2765806630	1	Rector	No		
	7	Нагорняк	Тетяна	Леонтіївна	Nagornyak	Tatiana	BB-482470	9606a	UA68305299000026203885408757	1	2	50	12	15	2663117703	1	Vice Rector	No		
	8	Боровська	Олена	Свєнїївна	Borovska	Olena	CH-490931	9606a	UA43305299000026209665140336	1	2	100	12	30	2533913081	1	Chief Engineer	No		
	9	Кравчук	Наталія	Ярославівна	Kravchuk	Nataliya		9606a	UA9232557000000262041183382	1	2	100	12	30	2753202329	1	Professor	No		
	10	Бабенко	Віталіна	Олексіївна	Babenko	Vitalina	MM-125498	9606a	UA23305299000026206744069795	1	2	100	12	30	2620674406	1	Professor	No		
	11				Polovyi	Mykola	440358	9606a	000440358	1	2	50	12	15	2637816076	1	Professor	No		
												Total grant advance:		1810						

1 Privat Bank (PB)
Dnipro, Ukraine

Bank Info
MFO
ZKPO
Transit Number

None given
None given
None given

2 PUMB (None given)
, Ukraine

Bank Info
MFO
ZKPO
Transit Number

None given
None given
None given

3 UKRSIBBANK (USB)
, Ukraine

Bank Info
MFO
ZKPO
Transit Number

351005
None given
None given