



THE 5TH GENERATION OF Erasmus+

CAPACITY BUILDING IN HIGHER EDUCATION
(CBHE) PROJECTS IN UZBEKISTAN
THE FIFTH CALL 2019



Tashkent - 2019





with the support of the
Erasmus+ Programme
of the European Union

Prepared by the Erasmus + National Office in Uzbekistan

The publication is funded by the Erasmus + program of the
European Union

The materials in this publication do not reflect the views of the
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Erasmus+ Programme

Erasmus+ is a programme of European Union that supports projects of partnerships, events and mobility in the fields of education, training, youth and sport. The programme runs from 2014 to 2020 which provides funding for the development of cooperation in all these areas both among European countries and among European and partner countries around the world.

Erasmus+ recognizes the importance of broad, which is not limited to EU countries, international cooperation in all these areas, especially in the field of higher education. The programme is built on the experience and success of past EU higher education programmes (Alfa, Edulink, Erasmus Mundus and Tempus) and supports the international exchange of students, researchers and teachers, as well as the international exchange of ideas and best practices among universities.

The programme was developed by the EU's European Commission in Brussels and is implemented by Education, Audio-visual and Culture Executive Agency (EACEA) in Brussels and National Agencies (NAs) in each of the 34 countries of the Programme. Funding is allocated based on the results of annual calls for project proposals , which are published by the European Commission or on its behalf, to submit within the deadline, a project application that meets the specified objectives and conditions. Call for proposals are published in the Official Journal of the European Union (Series C) and / or on the websites of the European Commission, National Agencies or the Executive Agency.

In general, to the programme for the 2014-2020 period, almost 16.5 billion euros were allocated. More than 17% of this amount is budgeted for the implementation of four international components of the programme.

Funding for the next Erasmus programme for 2021–2027 will be tripled, which will allow more people to participate in various fields and ensure that grants are even more tailored to their needs.

The following areas of the Erasmus+ programme are open for participation of higher educational institutions of Uzbekistan:

1. Capacity Building in Higher Education
2. Credit Mobility
3. Joint Master Degrees
4. Jean Monnet

Capacity Building in Higher Education (CBHE)

Joint Projects and Structural Projects under this focus area (CBHE), are funded through annual calls. Information on them is available on the website http://ec.europa.eu/programmes/erasmus-plus/index_en.htm

As part of the fifth call of the Erasmus+ programme in the direction "Capacity-building in higher education-CBHE" for new projects of the academic year 2019/2020, by February 7, 2019, a total of 840 applications were submitted from all countries. Over the past five months, several stages of the selection process have been carried out, including an academic evaluation by independent experts, as well as consultations with EU delegations in each of the partner

For the five Central Asian countries, from the total budget of the call of 136 million euros for all regions of the world, a regional budget of 9.42 million euros was planned as part of the 2019 call. The Selection Committee recommended 136 projects for funding all participating countries of the world for financing. For the total number of 840 projects eligible for evaluation. As for the Central Asian region total of 15 new projects were selected for funding, including 5 projects with the participation of higher educational institutions of Uzbekistan, including 2 national projects. MHSSE will be directly involved in two new projects.

It should be noted that with the participation of 14 universities of the republics, including 7 universities from Tashkent and 7 universities from 6 regions of the republic, the implementation of 2 national projects (1.8 million euros), 2 regional projects in partnership with Kazakhstan, Kyrgyzstan and Tajikistan (1.8 million euros) will be started, as well as 1 interregional project involving universities of Palestine and Tunisia (1 million euros).

The new projects include 18 universities from 13 European countries, in addition to 13 universities from 5 partner countries.

Two regional projects for Central Asia will focus on the environmental risk assessment and mitigation of the impact on cultural heritage sites in Central Asia, and also the creation of training and research centres and the development of courses on big data mining.

One interregional project with the participation of the National Institute of Arts and Design, the State Conservatory of Uzbekistan, European universities and universities of Palestine and Tunisia will be devoted to interdisciplinary skills for the development of entrepreneurship in the field of art.

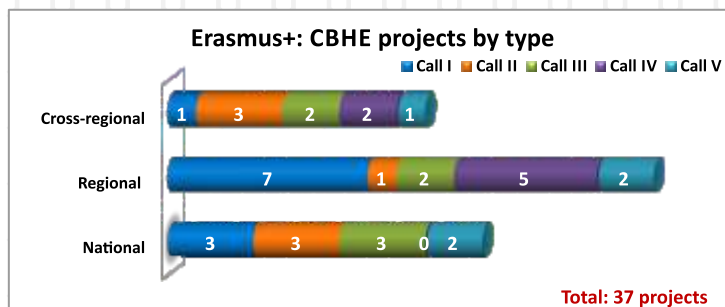
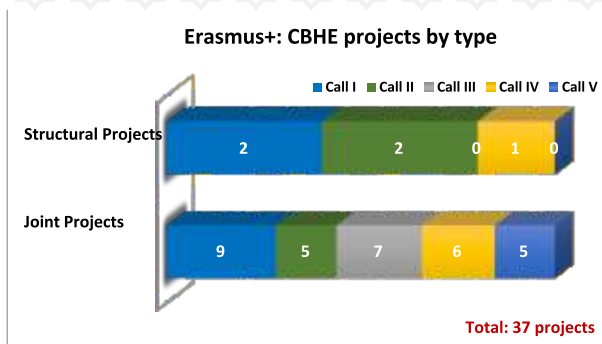
It is important to note that the National Institute of Arts and Design, the State Conservatory of Uzbekistan and the Fergana Polytechnic Institute will participate in Erasmus + projects for the first time

Two national projects will be devoted to the modernization of the undergraduate programme in mechatronics and robotics (MechaUz), and also the development of a new curriculum on space systems and communications (SPACECO).

Particularly long-awaited news and evidence of the growing potential of the republic's universities is the role of the grant holder coordinator in the SPACECO project by the Tashkent University of Information Technology, which means managing the entire international consortium and the project budget.

A list of new projects with information on the composition of the project consortium, the duration and the approved budget is contained in the tables attached to the letter in three languages.

Taking into account 5 new projects, the total number of Erasmus + projects on increasing the potential of higher education in the republic will amount to 37 projects with the participation of 51 universities. The total number of ongoing long-term capacity-building projects in the 2019/2020 academic year will be 26 projects. As part of the second direction of Erasmus +, there is a bilateral exchange of teachers and students in 150 partnerships on Credit Mobility with the participation of 61 universities, including 28 universities in Tashkent and 33 universities from 11 regions and Karakalpakstan.



5th Call 2019

List of selected CBHE projects (Capacity Building in Higher Education) with involvement of HEIs of the Republic of Uzbekistan

№	Project number/Project title	Project consortium members		Project duration
		Universities of Programme Countries	Universities of Partner Countries	
1.	609564-EPP-1-2019-1-EL-EPPKA2-CBHE-JP MechaUz: Modernization of Mechatronics and Robotics for Bachelor degree in Uzbekistan through Innovative Ideas and Digital Technology	<p>Grantholder: Alexander Technological Educational Institute of Thessaloniki (Greece)</p> <p>Portugal: Polytechnic Institute of Viana do Castelo</p> <p>Greece: South East European Research Centre (SEERC)</p> <p>Latvia: Liepaja University, Vidzeme University of Applied Sciences</p> <p>Lithuania: Vilnius Gediminas Technical University</p>	<p>Uzbekistan: Andijan Machine Building Institute, Fergana Polytechnic Institute, Karshi Engineering Economics Institute, Tashkent State Technical University, Tashkent University of Information Technologies, Turin Polytechnic University in Tashkent, Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan</p>	<p>36 months</p> <p>15/11/2019 14/11/2022</p>

2.	<p>609574-EPP-1-2019-1-IT-EPPKA2-CBHE-JP</p> <p>ERAMCA: Environmental risk assessment and mitigation on Cultural Heritage assets in Central Asia</p>	<p>Grantholder: Turin Polytechnic University (Italy) Germany: Bauhaus University Weimar Croatia: Josip Juraj Strossmayer University of Osijek</p>	<p>Uzbekistan: Samarkand State Architectural and Civil Engineering Institute, Turin Polytechnic University in Tashkent Tajikistan: Academy of Sciences of the Republic of Tajikistan, Khujand Polytechnic Institute of Tajik Technical University of Tajikistan, Tajik Technical University named after Academician M Osimi</p>	<p>36 months</p> <p>15/01/2020 14/01/2023</p>
3.	<p>609715-EPP-1-2019-1-UZ-EPPKA2-CBHE-JP</p> <p>SPACECO: New study program in space systems and communications engineering</p>	<p>Grantholder: Tashkent University of Information Technologies (Uzbekistan) Belgium: Artesis Plantijn University College of Antwerp Germany: Coursero UG, EXOLAUNCH GMBH, Technical University of Berlin France: Sorbonne University Bulgaria: Technical University of Sofia</p>	<p>Uzbekistan: Fergana Polytechnic Institute, National University of Uzbekistan, Tashkent State Technical University, Karshi branch of Tashkent University of Information Technologies, Turin Polytechnic University in Tashkent, The branch centre for Retraining and In-Service Training of Academic Staff under Tashkent University of Information Technologies, Ulugh Beg Astronomical Institute</p>	<p>36 months</p> <p>15/11/2019 14/11/2022</p>

4.	<p>609821-EPP-1-2019-1-IT-EPPKA2-CBHE-JP</p> <p>MUSAE: Multidisciplinary Skills for Artists' Entrepreneurship</p>	<p>Grantholder: 'Alfredo Casella' Conservatory of Music (Italy) Italy: Academy of Fine Arts of l'Aquila, University of L'Aquila Belgium: Artesis Plantijn University College of Antwerp Finland: JAMIK University of Applied Sciences</p>	<p>Uzbekistan: National Institute of Fine art and Design, State Conservatory of Uzbekistan, Turin Polytechnic University in Tashkent, Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan Palestine: Birzeit University, Dar al-Kalima University of Arts and Culture, Palestine Polytechnic University Tunis: Stax University, University of Tunis</p>	<p>36 months 15/01/2020 14/01/2023</p>
5.	<p>610170-EPP-1-2019-1-ES-EPPKA2-CBHE-JP</p> <p>ELBA: Establishment of training and research centers and Courses development on Intelligent BigData Analysis in CA</p>	<p>Grantholder: University of Santiago de Compostela (Spain) Italy: Turin Polytechnic University Slovenia: University of Primorska</p>	<p>Uzbekistan: Tashkent Institute of Design, Construction and Maintenance of Automotive Roads, Turin Polytechnic University in Tashkent, Urgench State University, Bukhara Engineering Technological Institute Kazakhstan: International University of Information Technologies, Republican State Enterprise Operating under the right of Economic Management A. Baitursynov Kostanay State University Kyrgyzstan: Kyrgyz State Technical University, Osh Technological University Tajikistan: Kulob Institute of Technology and Innovation Management, Technological University of Tajikistan</p>	<p>36 months 15/11/2019 14/11/2022</p>

The annual collection of articles by participants in Erasmus + projects in Uzbekistan provides an opportunity to get acquainted with specific examples of programme activities described by both local and European representatives of project teams who share best practices and achievements. All publications are available for download on the website www.erasmusplus.uz.

A list of national priorities is given to the attention of those who plan to participate in the competition for the submission of project applications, indicating the short names of the Erasmus + CBNE funded projects.

ERASMUS+ **Capacity Building for Higher Education (CBHE)**

Category 1 – Curriculum Development

✓ **Education (RUECVET)**

Education science, Training for pre-school teachers, Teacher training without subject, Specialisation, Teacher training with subject specialisation

✓ **Biological and related sciences**

Biology and biochemistry

✓ **Physical sciences**

Chemistry, Earth science, Physics

✓ **Mathematics and statistics (ECCUM, ITEM)**

Mathematics, Statistics

✓ **Information and Communication Technologies (INTRAS, CLASS, ELBA)**

Computer use, Database and network design and administration, Software and applications development and analysis

✓ **Engineering and engineering trades (ACADEMICA, FSAMP, RENES, GREB, DSinGIS, MECHAUz, SPACECO)**

Chemical engineering and processing, Environmental protection technology, Electricity and energy, Electronics and automation, Mechanics and metal trades, Motor vehicles, ships and aircraft

✓ **Manufacturing and processing**

Food processing, Materials (wood, paper, plastic, glass), Textiles, clothes, footwear, leather, Mining and extraction

✓ **Architecture and construction (ERAMCA)**

Architecture and town planning, Building and civil engineering

✓ **Agriculture, forestry, fisheries and veterinary (ECAP, BUZNET, EPCA, TOPAS, NICOPA)**

Crop and livestock production, Horticulture, Forestry, Fisheries, Veterinary

✓ **Health (TechReh, MODEHED, SPHERA, IHOD, CHILDCA)**

Dental studies, Medicine, Nursing and midwifery, Medical diagnostic and treatment technology, Therapy and rehabilitation, Pharmacy, Traditional and complementary medicine and therapy

✓ **Arts - regional priority for CA (MUSAE)**

Category 2 - Improving management and operation of Higher Education Institutions:

✓ **Governance, strategic planning and management of HEIs (UNICAC, TALENT, DECIDE)**

Such as human resource and financial management, etc.

✓ **Quality assurance processes and mechanisms (IMEP, IQAT, PAWER)**

*Such as the development of mechanisms and benchmarks for quality assurance in different segments of HE (*academic contents and services*)*

✓ **Development of research and innovation capacities (UZDOC 2.0)**

Excluding research activities

Category 3 - Developing the Higher Education sector within society at large:

✓ Development of school and vocational education at post-secondary non-tertiary education level (MAGNET)

Such as reforming in-service training for teachers and reforms to the teaching profession

✓ Knowledge triangle, innovation

Such as reinforcing links between education, research and business

✓ University-enterprise cooperation (CACTLE)

Such as support for students' practical placement, entrepreneurship, employability of graduates, etc.

✓ New technologies in Higher Education (MIND, NURSLIN, HIEDTEC)

Support to the modernisation of Higher Education systems through the development of open educational resources, connectivity, the acquisition of digital skills and learning methods and mobilisation of stakeholders including teachers, learners, economic and social partners



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The program is managed by the Education, Audio-visual and
Culture Executive Agency, under the leadership of the
European Commission

http://eacea.ec.europa.eu/erasmus-plus_en

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