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WHAT IS THE ELBA PROJECT?

ELBA.610170-EPP-1-2019-1-ES-EPPKA2-CBHE-JP ELBA Creation of training and research centers and development of courses on big data mining in Central Asia. The project aims to create opportunities for training highly qualified specialists in the field of Big Data Mining (IBDA) with a variety of interdisciplinary experience and provide access to highly effective modern IBDA tools based on EU experience and technologies that will contribute to the sustainable development of educational institutions, local businesses and society as a whole.

The ELBA project aims to create training opportunities for highly qualified specialists in the field of big data mining (IBDA) with a variety of interdisciplinary experience and provide access to highly effective modern IBDA tools based on EU experience and technologies that will contribute to the sustainable development of educational institutions, local businesses and society as a whole.

Project goal:

The project aims to create opportunities for training highly qualified specialists in the field of Big Data Mining (IBDA) with a variety of interdisciplinary experience and provide access to highly effective modern IBDA tools based on EU experience and technologies that will contribute to the sustainable development of educational institutions, local businesses and society as a whole.

Project objectives:

The first specific task of developing an interdisciplinary package of modular IBDA courses for bachelor's and master's degree programs of partner universities and industry companies in Central Asia by July 2021 solves the problem of the lack of qualified specialists in innovative areas, in particular in IBDA, in the economies of the partner countries of Central Asia.

Support for solving this problem will be provided by partner universities as a result of the implementation of the developed IBDA courses in the curricula of the current bachelor's and master's degree programs.

The package courses being developed will contribute to the modernization of existing curricula by introducing new, innovative subjects in the IBDA.

These courses will help to more flexibly meet the needs of the economy for qualified specialists and strengthen cooperation between universities and industry.

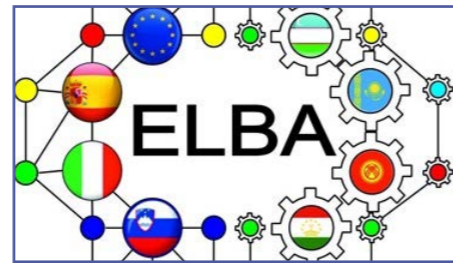
The second specific task of creating IBDA centers and an academic and professional network of specialists of partner universities in Central Asia.

By October 2020 is aimed at solving the problem of insufficient public awareness and decision-making regarding innovative technologies, in particular, in the Analysis of Big Data.

This network will promote both more effective cooperation between the consortium partners, as well as further cooperation between Central Asian specialists in the field of Big Data Analysis.

For example:

National Erasmus + (NEO) offices in 27 partner countries assist the Commission, EACEA and the authorities of the respective partne.

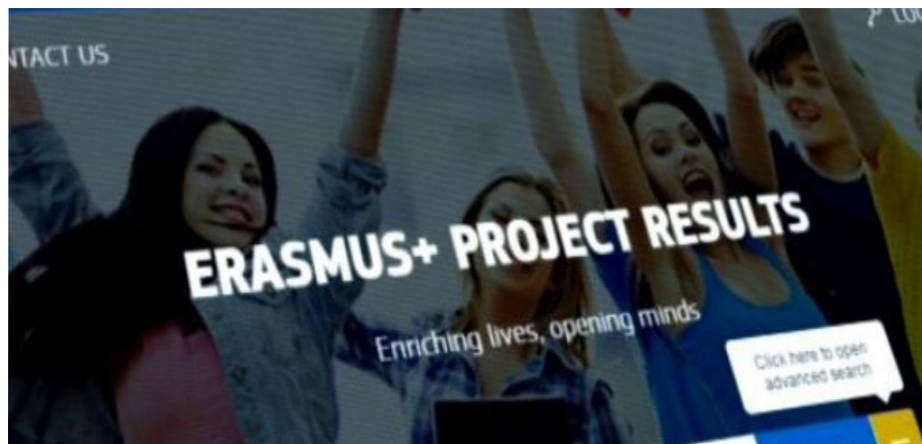


Countries in implementing the Erasmus + program. NEO closely monitors the development of policies in the partner country, especially in the field of higher education.

The responsibilities of the Erasmus + national offices under the Erasmus + program cover all support, promotion, monitoring and dissemination activities related to Erasmus + activities in the field of higher education, open for cooperation with partner countries.

In addition to and in addition to the EU Representation, the Erasmus + National Office is the focal point in the country for all participants, potential applicants, beneficiaries and stakeholders in relation to the Executive Agency for Education, Audiovisual and Culture (EACEA) and the activities of the European Commission. and programs in the field of higher education.

The National Office of Erasmus + contributes to the following overall goal: to increase the relevance, effectiveness and impact of the Erasmus + and Tempus programs in Uzbekistan.



PROJECT GOALS AND OBJECTIVES

ELBA project. The project aims to create opportunities to train highly qualified specialists in the field of Big Data Mining (IBDA) with a variety of interdisciplinary experience and provide access to highly effective modern IBDA tools based on EU experience and technologies that will contribute to the sustainable development of educational institutions, local businesses and society as a whole. The project aims to create opportunities to train highly qualified specialists around the world.

The ELBA project aims to create training opportunities for highly qualified specialists in the field of big data mining (IBDA) with a variety of interdisciplinary experience and provide access to highly effective modern IBDA tools based on EU experience and technologies that will contribute to the sustainable development of educational institutions, local businesses and society as a whole.

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This network will promote both more effective cooperation between the consortium partners, as well as further cooperation between Central Asian specialists in the field of Big Data Analysis.

Specific activities of the National Office of Erasmus +:

Promote and disseminate all information about the Erasmus + and Tempus programs; organize conferences, seminars, information days and other promotions and events to promote the Erasmus + program and use its results;

To advise, inform and assist potential applicants; to organize information / contact meetings, seminars for potential applicants; to help potential applicants in finding national or foreign partners; to assist higher education institutions and other institutions involved in the implementation of the project; to promote inter-project cooperation, enhance synergy between projects and exchange of best practices;

Organize and conduct field monitoring visits throughout the country; prepare and submit field monitoring reports to the EACEA, including recommendations for further actions within the project;

Support and coordinate the activities of the National Team of Experts on Higher Education Reform (HERE); Promote and disseminate information about other EU programmes, activities and initiatives in the field of higher education; Advertise Erasmus + events on the website, in promotional materials, and in an information campaign.



ELBA PROJECT

The launch meeting of the new CBHE project «ELBA: Creating Training and Research centers and developing courses on Big Data Mining in Central Asia» will be held on February 27-29 in Italy.

The project consortium brings together 14 higher education institutions from 5 countries: Spain, Italy, Slovenia, Kazakhstan and Uzbekistan.

On the first day of the meeting, the Grantee held presentations of the ELBA project, and active round tables were held between the partners.

The grantee provided all the important information about the project management, recommendations for the successful implementation of the project and the latest news from EACEA representatives.

During the meetings, financial issues, the role of each higher education institution in the project, work packages, the plan of upcoming events and the importance of obtaining results will also be discussed.

Specific activities of the National Office of Erasmus +, ELBA:

Promote and disseminate all information about the Erasmus + and Tempus programs; organize conferences, seminars, information days and other promotions and events to promote the Erasmus + program and use its results;

To advise, inform and assist potential applicants; to organize information / contact meetings, seminars for potential applicants; to help potential applicants in finding national or foreign partners; to assist higher education institutions and other institutions involved in the implementation of the project; to promote inter-project cooperation, enhance synergy between projects and exchange of best practices;

Organize and conduct field monitoring visits throughout the country; prepare and submit field monitoring reports to the EACEA, including recommendations for further actions within the project;

Support and coordinate the activities of the National Team of Experts on Higher Education Reform (HERE);

Promote and disseminate information about other EU programmes, activities, and initiatives in the field of higher education;

Advertise Erasmus + events on the website, in promotional materials, and in an information campaign.

Partner countries that can participate in certain Program Activities if certain criteria or conditions are met: Eastern Partnership countries, Southern Mediterranean countries, Western Balkans, Russian Federation, and Central Asian countries.

Higher education capacity-building projects (under key action 2) that promote cooperation and partnerships that influence the modernization and internationalization of higher education institutions and systems in partner countries.

The launch meeting of the new CBHE project «ELBA: Creating Training and Research Centers and developing courses on Big Data Mining in Central Asia» was held on February 27-29 in Italy.



KICK-OFF MEETING

On February 27-28, 2020, the ELBA launch meeting was held at the University of Santiago de Compostela. Representatives of all partner universities took an active part in it. The consortium includes 4 universities in Europe, 4 universities in Uzbekistan,

2 universities in Kazakhstan, 2 universities in Kyrgyzstan and 2 universities in Tajikistan. The Vice-Rector for Student Affairs and Internationalization, Prof. Victor Arce and Head of the Mobility, Cooperation and Agreements Section, Ms. Anna Forryan. After the welcome speech, Ms. Forryan made a presentation about the project, its goals, and the strategy of cooperation within the framework of the University of Santiago de Compostela project.



ELBA – Establishment of Training and Research Centers and Courses development on Intelligent Bigdata Analysis in CA

On February 27-28, 2020, the ELBA launch meeting was held at the University of Santiago de Compostela. Representatives of all partner universities took an active part in it. The consortium includes 4 universities in Europe, 4 universities in Uzbekistan, 2 universities in Kazakhstan, 2 universities in Kyrgyzstan and 2 universities in Tajikistan.

The Vice-Rector for Student Affairs and Internationalization, Prof. Victor Arce and Head of the Mobility, Cooperation and Agreements Section, Ms. Anna Forryan. After the welcome speech, Ms. Forryan made a presentation about the project, its goals, and the strategy of cooperation within the framework of the University of Santiago de Compostela project.

Then all the representatives of the partner universities made presentations about their universities, focusing on the implementation of the project goals, explaining their contribution to the project implementation and their expectations from its results.

During the launch meeting, the following issues were discussed, which are very important for the implementation of the project. This:

- 1) presentation of the Elba project overview;
- 2) implementation of the BigData Analytics program at USC, organization of programs; USC Master's program in Big Data Analysis, their features;
- 3) Presentation on Central Asia's prospects for the project with specific references to the RP1;
- 4) approval of the ELBA logo;
- 5) financial issues of the project;
- 6) training programs for Data Science; and so one.

The participants were welcomed by the Rector of USC.

All the members of the International Office and professors of the University of Santiago de Compostela, including Ms. Ann Forryan, Sami Ashour, Natalia Solomatina, David Enrique Lozada Carril, Paula Lopez Martinez and Tomas Fernandez Pena, did their best to make the meeting effective.

We organized a very warm welcome for the participants, took care of the food and comfortable stay of the delegations at the university.

All member universities expressed their deep gratitude to the USC representatives. Overall, the launch meeting provided an excellent opportunity for all members to get together, get to know each other personally, get to know the history and current status of the partner universities, discuss important aspects of the project and outline immediate plans for the future.



INTRODUCTION OF IITU STUDENTS TO THE PROJECT

So, today I would like to tell you about an interesting organization called «ELBA» from program Erasmus, which was introduced to me by my university on September 24th, 2020. I'll be honest and say that before I had no idea about this project. But after learning, I found out there is a tab with information on the official website of my university, so I delved into the study. Let me share my knowledge with you.

This is my first time posting on Facebook, so don't be too strict.

So, today I would like to tell you about an organization called «ELBA», which was introduced to me by my university on September 24th, 2020.

I'll be honest and say that before I had no idea about this project. But after learning, I found out there is a tab with information on the official website of my university, so I delved into the study. Let me share my knowledge with you.

ELBA is a project for the creation of training and research centers and the development of courses on big data mining in Central Asia. The aim of the project is to create opportunities for the training of specialists in the field of Intellectual Big Data Analysis (IBDA) with various interdisciplinary experiences and to provide access to highly effective modern IBDA tools based on the experience and technologies of the EU, which will be the sustainable development of education of enterprises and society as a whole.

As a future journalist, I am very glad to learn about this, because the warehouse of any information is intimate for us.

The project is based on the Erasmus + program, therefore it includes several higher education institutions at the head of the Spanish University of Santiago de Compostela.

And as you already know, the erasmus + program provides an exchange of students, or rather, on the basis of a project, you can study at different universities in Central Asia, Italy and Slovenia, having your knowledge in the field of Intellectual Big Data Analysis.

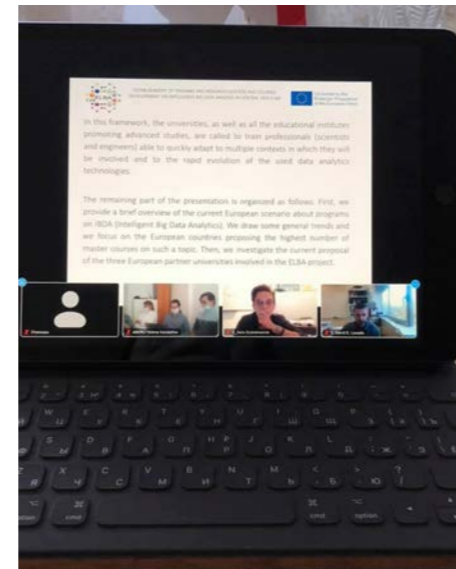
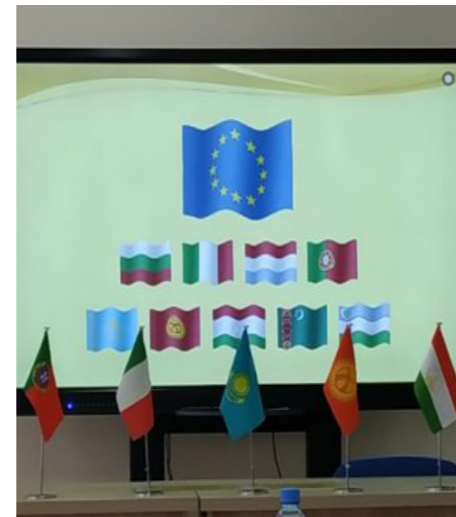
Do you remember the Elba project that I talked about earlier? So, today our university provided us with the opportunity to meet with its representatives.

As we all already know, in connection with the spread of the corona virus infection, all meetings are held online, and this event was held in the same format.

Everything took place on the zoom platform, starting with a general introduction to the members of the representatives and continuing with a full analysis of this project.

I'll be honest and say that the topic and goal of the project is far from my sphere, but even so, I was interested and involved in the process of analyzing the main goal.

For the conclusion, questions were asked on behalf of the participants to one of the main representatives - David E. Losado from the Spanish University, Santiago De Compostela.



ESTABLISHMENT OF TRAINING AND RESEARCH CENTERS AND COURSES DEVELOPMENT ON INTELLIGENT BIG DATA ANALYSIS IN CENTRAL ASIA-ELBA

610170-EPP-1-2019-1-ES-EPPKA2-CBHE-JP

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

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ROUND TABLE IN ALMATY

Round table discussion on the topic: «Dissemination of information about projects under the Erasmus + program: capacity building, impact and partnership expansion» (within the framework of the ELBA project « Creation of training and research centers and development of courses on big data mining. in CA ») was organized by the IITU on October 15-17, 2020, as part of the celebration of the Global Erasmus +Days.

	Online Attendance	Courses in English
	12/18	1/18
	0/7	0/7
	0/6	0/6
	0/4	0/4
	1/4	0/4



In this framework, the universities, as well as all the educational institutes promoting advanced studies, are called to train professionals (scientists and engineers) able to quickly adapt to multiple contexts in which they will be involved and to the rapid evolution of the used data analytics technologies.

The remaining part of the presentation is organized as follows. First, we provide a brief overview of the current European scenario about programs on IBDA (Intelligent Big Data Analytics). We draw some general trends and we focus on the European countries proposing the highest number of master courses on such a topic. Then, we investigate the current proposal of the three European partner universities involved in the ELBA project.

Round table discussion on the topic: «Dissemination of information about projects under the Erasmus + program: capacity building, impact and partnership expansion» (within the framework of the ELBA project « Creation of training and research centers and development of courses on big data mining. in CA ») was organized by the IITU on October 15-17, 2020, as part of the celebration of the Global Erasmus +Days.

The meeting was initiated by the IITU with active participation:

Losada Carril David Enrique, Professors of the University of Santiago de Compostela, Spain; Emilio Musso and Sara Scaramuccia, professors of the Polytechnic University of Turin, Italy; Mansur Asranov, POLITO; Representatives of the Kostanay Regional University named after Akhmet Baitursynov.

The following tasks were discussed at the table:

The first specific task of developing an interdisciplinary package of modular IBDA courses for bachelor's and master's degree programs of partner universities and industry companies in Central Asia by July 2021 solves the problem of the lack of qualified specialists in innovative areas, in particular in IBDA, in the economies of the partner countries of Central Asia.

Support for solving this problem will be provided by partner universities as a result of the implementation of the developed IBDA courses in the curricula of the current bachelor's and master's degree programs.

The courses being developed will contribute to the modernization of existing curricula by introducing new, innovative subjects in the IBDA.

These courses will help to more flexibly meet the needs of the economy for qualified specialists and strengthen cooperation between universities and industry.

The second specific task of creating IBDA centers and an academic and professional network of specialists of partner universities in Central Asia.

By October 2020 is aimed at solving the problem of insufficient public awareness and decision-making regarding innovative technologies, in particular, in the Analysis of Big Data.

This network will promote both more effective cooperation between the consortium partners, as well as further cooperation between Central Asian specialists in the field of Big Data Analysis.

In the future, it is planned to hold the same meetings.

EU Programs on Intelligent Big Data Analytics

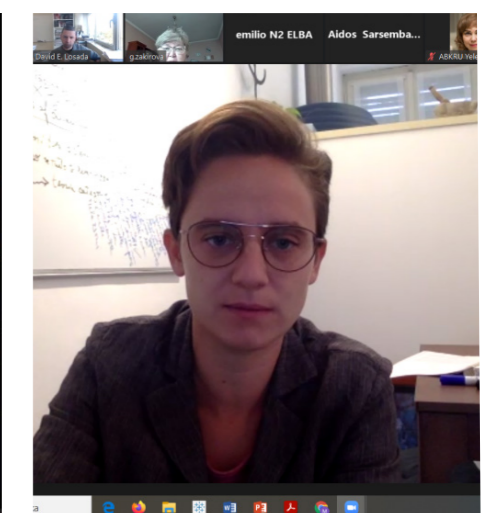
Work package 1 / Outcome 1.3

ESTABLISHMENT OF TRAINING AND RESEARCH CENTERS AND COURSES DEVELOPMENT ON INTELLIGENT BIG DATA ANALYSIS IN CENTRAL ASIA-ELBA

610170-EPP-1-2019-1-ES-EPPKA2-CBHE-JP

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

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ELBA AND KAZAKHSTAN

Education is the most important factor in the development of human capital. Human capital is the main factor in the successful development of the country. Today, Kazakhstan has entered the final stage of modernizing education in line with global trends in accessibility, improving the quality of educational content, improving infrastructure and material and technical base, technical equipment, and introducing new technologies to create a highly educated intellectual nation.

The success of the modernization of education in Kazakhstan is recognized in the UNESCO Education Monitoring Report of 2017, according to which the country entered the top four.

The current stage of world development is determined by the rapidly developing processes of the Fourth Industrial Revolution, in which the role of human capital is increasingly increasing. The most important component of human capital is education, its accessibility and quality.

Creation of training and research centers and development of courses on big data mining in Central Asia (ELBA).

Project goal:

To improve the academic potential of professionals through the development and implementation of an interdisciplinary package of modular courses for bachelor's, master's and engineering specialists in Big Data Mining (IBDA) in Central Asian countries through cooperation with the industry.

Project objectives: To

develop an interdisciplinary package of modular IBDA courses for bachelor's and master's degree programs in 10 universities and industrial companies in Central Asia by July 2021.

Create an academic and professional network of IBDA centers of CA partner universities by the end of 2020.

The project's creation of training and research Centers and development.

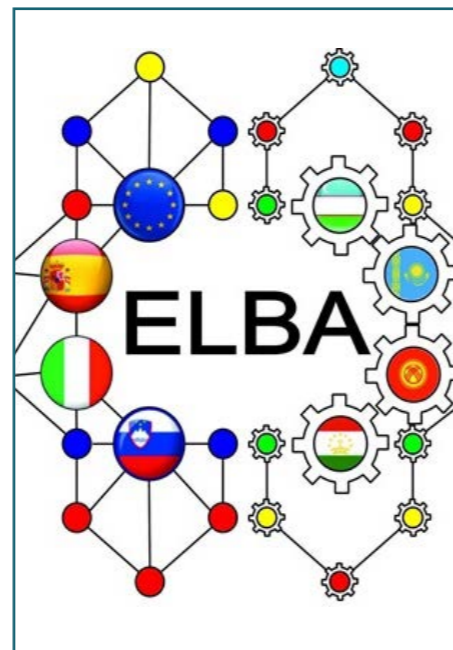
Of Courses on Big Data Mining in Central Asia», ELBA aims to increase the academic potential of specialists by developing and implementing an interdisciplinary package of modular courses for bachelor's, master's and engineering specialists in big data mining (IBDA) in Central Asian countries in cooperation with industry.

The project will develop a multidisciplinary package of modular IBDA courses for bachelor's and master's degrees in 10 universities and industry companies in Central Asia. IBDA centers will also be established in higher education institutions in each of the partner countries, as well as an academic and professional network of IBDA specialists in partner higher education institutions in Central Asia.

The project consortium consists of partners from 3 EU universities and 10 CA universities and 11 non-academic partners from industry and education.

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ELBA MEETINGS. UZBEKISTAN

National Erasmus + (NEO) offices in 27 partner countries assist the Commission, EACEA and the authorities of the respective partner countries in implementing the Erasmus + program. NEO closely monitors the development of policies in the partner country, especially in the field of higher education. On August 14, 2020, an online meeting on field monitoring was held with Erasmus + CBHE project groups «ELBA: Creating training and research centers and developing courses on Big Data Mining in Central Asia».



Erasmus + ELBA project (2020-2023).

On August 14, 2020, an online meeting on field monitoring was held with Erasmus + CBHE project groups «ELBA: Creating training and research centers and developing courses on Big Data Mining in Central Asia».

A regional project involving universities in Spain, Italy, Slovenia, Kazakhstan, Tajikistan, Kyrgyzstan and Uzbekistan aims to increase the academic potential of professionals through the development and implementation of an interdisciplinary package of modular courses for bachelors, masters and engineers in Big Data Mining (IBDA) in Central Asian countries through cooperation with industry.

The project teams of the Turin Polytechnic University in Tashkent, the Bukhara Institute of Engineering and Technology, the Urgench State University and the Tashkent Institute of Road Design, Construction and Operation have already successfully launched project activities with the training of teachers at the EU partner University and the analysis of local curricula in the field of big data management.



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The responsibilities of the Erasmus + national offices under the Erasmus + program cover all support, promotion, monitoring and dissemination activities related to Erasmus + activities in the field of higher education, open for cooperation with partner countries (in key actions 1, 2 and 3).

In addition to and in addition to the EU Representation, the Erasmus + National Office is the focal point in the country for all participants, potential candidates, beneficiaries and stakeholders in relation to the Executive Agency for Education, Audiovisual and Culture (EACEA) and the activities of the European Commission. and programs in the field of higher education.

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Specific activities of the National Office of Erasmus +:

Promote and disseminate all information about the Erasmus + and Tempus programs; organize conferences, seminars, information days and other promotions and events to promote the Erasmus + program and use its results;



To advise, inform and assist potential applicants; to organize information.

Contact meetings, seminars for potential applicants; to help potential applicants in finding national or foreign partners; to assist higher education institutions and other institutions involved in the implementation of the project; to promote inter-project cooperation, enhance synergy between projects and exchange of best practices; Organize and conduct field monitoring visits throughout the country; prepare and submit field monitoring reports to the EACEA, including recommendations for further actions within the project;

Support and coordinate the activities of the National Team of Experts on Higher Education Reform (HERE);

Promote and disseminate information about other EU programmes, activities and initiatives in the field of higher education;

Advertise Erasmus + events on the website, in promotional materials, and in an information campaign.

Recall that such meetings are often held in Uzbekistan. The project is actively developing every day.



PARTNER UNIVERSITIES OF THE PROJECT

The project has more than 20 partner universities around the world. You may ask, why such a large number? The answer is simple: education today is a very important thing, without which we are nowhere. The main task for the project today is to increase the level of education around the world. Let's go to the goal!



University of Santiago de Compostela, Spain-Coordinator

Partners: Politecnico di Torino, Italy University of Primorska, Slovenia Kostanay State University named after A. Baitursynov Urchench State University, Uzbekistan Turin Polytechnic University in Tashkent, Uzbekistan Bukhara Institute of Engineering and Technology, Uzbekistan Tashkent Institute for the Design, Construction and Operation of Highways Tajik Technical Universit Institute of Technology and Innovation Management in Kulyab

(E-mail: habibullo-n@yandex.ru) Kyrgyz State Technical University Osh University of Technology.

Probably the first question that comes to mind is: Why are there so many partners?

The answer is simple, the project has quite complex tasks that can be handled by specialists with different views and thoughts.

Project goal:

The project aims to create opportunities to train highly qualified specialists in the field of Big Data Mining (IBDA) with a variety of interdisciplinary experience and provide access to highly effective modern IBDA tools based on EU experience and technologies that will contribute to the sustainable development of educational institutions, local businesses and society as a whole.

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Over the 6 years of the Erasmus+ Program (2015-2020), 61 EAP projects were funded with the participation of universities in Kazakhstan. The total amount of the grant was more than 52 million euros. ELBA is the creation of training and research centers and the development of courses on big data mining in Central Asia.



The projects implemented in Kazakhstan involve 54 universities from 16 regions of the country. Four universities of Kazakhstan act as coordinators and grantees of 6 projects of the PPVO: Al-Farabi Kazakh National University (2 projects), Karaganda Medical University (2 projects), S. Seifullin Kazakh Agrotechnical University (1 project), M. Auezov South Kazakhstan State University (1 project).

Every year, within the framework of the Erasmus+ program, an application competition is held, based on the results of which the most relevant and promising projects are selected.

One of the criteria is compliance with national priorities, which are defined and formulated for the European Commission by the Ministry of Education and Science of the Republic of Kazakhstan. This approach ensures that projects meet the needs and trends of the development of the higher education system in the country.

Project ELBA is aimed in improving academic capacity of professionals through developing and implementing multidisciplinary package of module based courses for bachelor, master students and professionals of engineering on Intelligent Analysis in Central Asia countries via collaboration with the industry.

Lets go to the goal with us!

UNIVERSITY OF SANTIAGO DE COMPOSTELA. PROJECT COORDINATOR

This university is the coordinator. This venerable university is naturally one of the best in the national rankings. Its positions in it are constantly changing only, but are always limited to the top two dozen Spanish top higher education institutions. If you take the world statistics, then in the first 5% of the most prestigious institutions, you can always find the University of Santiago de Compostela, Spain.



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



The University of Santiago de Compostela (USC) is a public institution dedicated to preserving, generating, transmitting and publishing knowledge in a socially responsible manner.

Founded in 1495, its two campuses are both located in cities declared to be Cultural World Heritage Sites by UNESCO: Santiago de Compostela, and Lugo. The USC is a comprehensive university that not only provides a wide range of academic courses in all of the major fields of knowledge, but that also carries out significant research, giving it a notable position among Spanish Universities.

It is a pioneer in entrepreneurial policies and the transfer and creation of value from research, all the while providing an essential service to Galician society. STRUCTURE Campus of Santiago de Compostela:

18 Faculties, 1 Associated University School, 1 Associated Centre, 1 Higher Technical School, 1 Professional Development School, 16 Research Institutes, 6 Own Research Centres, 3 Pioneering Research Centres. Campus of Lugo: 5 Faculties, 2 Associated University Schools, 1 Higher Polytechnic School, 1 Research Institute, 1 Own Research Centre



The University Of Santiago De Compostela (USC) is one of the oldest universities in Europe, operating to this day.

The university was founded more than 500 years ago.

According to the number of students, the university is constantly included in the TOP15 in Spain.

Today, the number of students studying, as well as teachers and staff of the university reaches 40 thousand people.

The university has 30 faculties and schools, 30 research centers. Teaching is conducted in 69 master's degree programs, 54 postgraduate programs and 59 undergraduate programs.

Internationalization is a key element of the university's strategy. USC has extensive experience in participating in international projects and joint research.

Project objective:

First of all, is doing to increase the scientific potential of specialists by developing and implementing an interdisciplinary set of modular courses for undergraduate students and engineering specialists in large-scale data analysis (IBDA) in Central Asia through collaboration exactly with this field.



The project aims to train highly qualified data mining (IBDA) professionals with a multi-disciplinary structure and access to effective IBDA tools based on EU experience and technologies that contribute to sustainable development.

As a result of the project funding, a modern data mining laboratory (IBDA) will be created at the university, and the developed modules will be included in the curriculum.

Project budget: 73658 euros.

Recall that this university is the coordinator. This venerable university is naturally one of the best in the national rankings.

Its positions in it are constantly changing only, but are always limited to the top two dozen Spanish top higher education institutions.

If you take the world statistics, then in the first 5% of the most prestigious institutions, you can always find the University of Santiago de Compostela.

Also, the University of Santiago de Compostela, located in Spain, is a public institution dedicated to preserving, transmitting and publishing knowledge in a socially responsible manner, which is a huge plus in this situation.



ELBA AT THE IT UNIVERSITY

IITU is the only university in Kazakhstan that received the institutional international accreditation of ASIIN in 2019 and passed the procedure of official confirmation of compliance with international standards. Many meetings are held at the university for the Elba project, during which important issues, goals and objectives of the project are resolved.



«The international University of information technologies guarantees the fulfillment of the institutional, procedural and cultural requirements for quality teaching and successful learning» - experts confirm ASIIN (Agency for accreditation of educational programs in engineering, Informatics, natural Sciences and mathematics, Germany).

For 10 years development, IITU was able to firmly enter the ranking of the best technical Universities of the country.

The University is constantly working to improve the quality of educational services, provides a high potential of the teaching staff.

In December 2019, according to the rating of the National Chamber of Entrepreneurs «Atameken», MUIT entered the TOP 3 universities in Kazakhstan, as well as the first place in such educational programs as «information systems» and «electronic journalism».

The direction of training of specialists in «information security» in IITU is one of the strongest in Kazakhstan.

The direction of training of specialists in «information security» in IITU is one of the strongest in Kazakhstan.

The modern infrastructure of the university, the harmonization of educational programs with leading international universities contribute to the dynamic growth of the student body.

At the moment, more than 4,000 students are studying at IITU in bachelor's, master's and PhD doctoral programs.

The University forms a new generation of ICT specialists with knowledge of industry technologies, advanced management, economics and communication skills with an in-depth knowledge of the English language.

In 2018, in accordance with the Order of the Minister of Defense of the Republic of Kazakhstan, a military department specializing in training specialists in cybersecurity was opened at the MUIT, as well as a Competence Center for Cybersecurity. So, let's continue talking about IT. The university has many partners.



IITU partners are international universities and research and educational organizations in the USA, Germany, Russia, France, Switzerland, Korea, Malaysia, China, etc.

The existing academic mobility allows students to gain knowledge and international experience by studying during a semester at partner universities of the University.

The University teachers are particularly proud of the fact that after graduating from MUIT, the percentage of employed graduates is always consistently high: about 90 % of the total number.

IITU pays special attention to the development of personal qualities, leadership skills and creative abilities of students.

Active and creative students independently conduct various events to make their student life bright and unforgettable, lead projects that cause admiration and surprise.

Many meetings are held at the university for the Elba project, during which important issues, goals and objectives are resolved.



A.BAITURSYNOV KOSTANAY REGIONAL UNIVERSITY

The Smart Center of KSU hosts a consultation session, which is conducted by the director of the National Office of Erasmus+ in Kazakhstan, Shaizada Tasbulatova, and the chairman of the Supervisory Board of the national team of experts on the reform of higher education in Kazakhstan, Serik Omirbayev. These days, on the basis of A. Baitursynov KSU, the issues of partnership between KSU and foreign universities within the framework of the Erasmus+ program and new projects UXISHIP, ELBA and SAGRIS are discussed.



Kostanay State University named after Akhmet Baitursynov was established in August 1992 by the Resolution of the Cabinet of Ministers of the Republic of Kazakhstan No. 662 on the basis of the Kostanay Pedagogical Institute named after the 50th anniversary of the USSR, which has more than half a century of its development, when the Kostanay two-year Teacher's Institute was established in September 1939. In February 2000, by the decision of the Government of the Republic of Kazakhstan, the Agricultural Institute was attached to Kostanay State University. In March 2004, Kostanay State Pedagogical Institute was separated from the university.

The Smart Center of KSU hosts a consultation session, which is conducted by the director of the National Office of Erasmus+ in Kazakhstan, Shaizada Tasbulatova, and the chairman of the Supervisory Board of the national team of experts on the reform of higher education in Kazakhstan, Serik Omirbayev.

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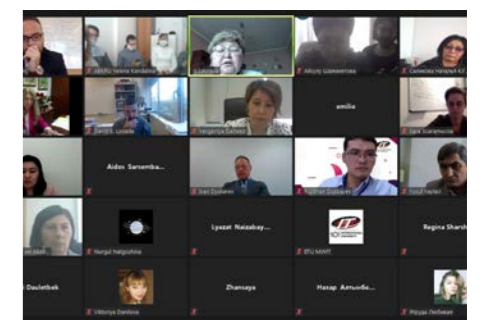
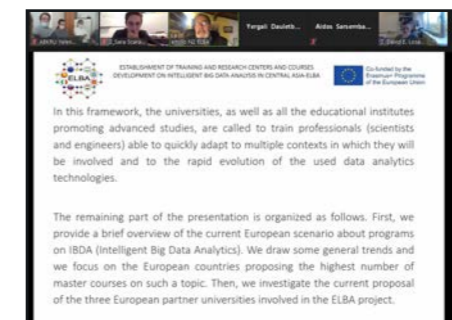
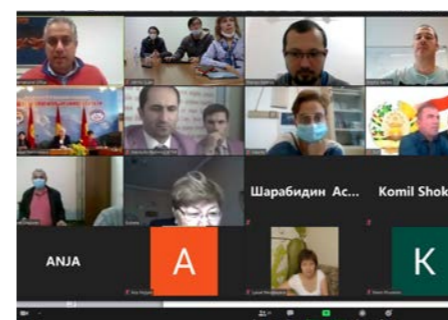
«This meeting is especially relevant for us, as a new State Program for the Development of Education until 2025 has been launched, where partnership with foreign universities and participation in international projects are among the priorities for the development of universities,» said Alma Doschanova, Rector of KSU.»

Consultation session for the above-mentioned projects with the participation of representatives of the Caspian State University of Technology and Engineering named after Sh. Yessenov, Almaty University of Management (AlmaU), and Kostanay State University named after A. Baitursynov were held today in the SMART Center. Since then, and to this day, it is called KSU.

Since 2015, KSU named after A. Baitursynov has been implementing 11 projects of the Erasmus+ program. According to this indicator, our university is among the leaders in the number of projects to increase the potential of higher education in Kazakhstan, for comparison: ENU named after L. Gumilyov-12 projects, KazNU named after Alfarabi – 10 projects.

All these projects are aimed at developing partnerships with foreign and Kazakh universities, contribute to the improvement of teaching methods, modernize the content of training, and create an opportunity for the professional development of teachers and students.

Today, KSU hosts a consultation session, which is conducted by the director of the National Office of «Erasmus+» ELBA in Kazakhstan, Shaizada Tasbulatova, and the chairman of the Supervisory Board of the national team of experts on the reform of higher education in Kazakhstan, Serik Omirbayev.



TAJIK TECHNICAL UNIVERSITY

Tajik Technical University named after Academician M. S. Osimi (taj. DonishgoxI tehnikii ToçIkiston ba nomi Academician M. S. OSIMÛ) is a higher educational institution of the Republic of Tajikistan. The university is developing every day, and again holds another meeting, during which, in order to introduce innovative educational technologies in the institutions of the partner university, courses will be organized for teachers to acquire digital skills and teaching methods.



Tajik Technical University named after Academician M. S. Osimi (taj. DonishgoxI tehnikii ToçIkiston ba nomi Academician M. S. OSIMÛ) is a higher educational institution of the Republic of Tajikistan. Located in Dushanbe. It enjoys the status of a state higher educational professional institution of the Republic of Tajikistan. Students are trained at the university on a budget and contractual basis in 83 specialties. Currently, it has more than 12 thousand students, about 800 teachers (2021).

The university cooperates with many universities around the world, and conferences and meetings are often held, for example:

From July 1 to 5, the University of Technology will host a working meeting of participants of the European Union's Erasmus+Program on the topic «Modernization of higher education in Central Asia through new technologies».

The working meeting is attended by representatives of the Ministries of Education of Central Asia, the Embassy of the Republic of Uzbekistan, representatives of higher educational institutions of Italy, Portugal, Bulgaria, Luxembourg, Uzbekistan, Turkmenistan, Kyrgyzstan and Tajikistan.

The purpose of the joint working meeting is to exchange best practices and knowledge in the field of innovative educational technologies.

The identified results will be useful for each of the participants, and the proposed recommendations will be applied in practice.

Thanks to the implementation of Erasmus+ educational programs, the level of world education is constantly increasing, and educational institutions receive well-deserved recognition.

This project is being implemented in 4 European universities-Bulgaria, Italy, Portugal, Luxembourg and 15 universities in Kazakhstan, Kyrgyzstan, Turkmenistan and Tajikistan.

From Tajikistan, the Ministry of Education and Science of the Republic of Tajikistan, the Tajik Technical University named after Academician M. S. Osimi, the Technological University of Tajikistan and the Khorog State University are participating in the project. The delegation is headed by Navruz Mirzozoda, Deputy Head of the Department of Higher Professional and Postgraduate Education of the Ministry of Education and Science of the Republic of Tatarstan.

The new Erasmus+ project aims to create a sustainable academic network for improving methodology, sharing best practices in the field of innovative educational technologies.

As a result of the project, it is planned to create fifteen centers of innovative educational technologies and fifteen training laboratories in each institution of the partner university, as well as expand educational resources based on cloud computing.

In order to introduce technologies in the institutions of the partner university, courses for teachers on the acquisition of digital skills.



UNIVERSITY OF PRIMORSKA, SLOVENIA

The University of Primorska or Univerza na Primorskem (UP) is a public higher education institution in Slovenia. Teaching at the University of Primorska began in 2003. The university has an urban-type campus located in Koper. University of Primorska is one of the leading educational institutions in Slovenia, which is included in the top 5 best universities in the national ranking. Primorsky University is still quite young and has less than a dozen faculties in pre-graduate programs. The faculties of Mathematics and Humanities can boast of a large number of programs. However, there are hardly any programs in English among them.

Slovenia is a small country located in the central part of Europe.

Its population is just over two million inhabitants.

However, this small state, like all the others, has its own effective and modern training system, which has recently undergone many reforms.

This is one of the few countries where residents still have the opportunity to get an education for free (including higher education), as well as those who have the right to long-term residence.

The University of the Sea, located in the city of Koper, is one of the youngest European universities – it accepted its first students in 2003.

The University has successfully secured support under the Erasmus + capacity building program for the ELBA project (Creation of training and research centers and development of courses on big data mining in Central Asia).

Through capacity-building projects, European institutions support partners from other parts of the world by creating training programmes in specific areas.

The ELBA project aims to create training opportunities for highly qualified specialists in the field of big data mining (IBDA) with a variety of interdisciplinary experience and provide access to highly effective modern IBDA tools based on EU experience and technologies that will contribute to the sustainable development of educational institutions, local businesses and society as a whole.

The overall aim of the proposal is to increase the academic potential of professionals through the development and implementation of an interdisciplinary package of modular courses.

For Bachelor's, master's and engineers in Big Data Mining (IBDA) in Central Asian countries through cooperation with the industry.

The University of Primorska or Univerza na Primorskem (UP) is a public higher education institution in Slovenia.

Teaching at the University of Primorska began in 2003. The university has an urban-type campus located in Koper. University of Primorska is one of the leading educational institutions in Slovenia, which is included in the top 5 best universities in the national ranking.

Despite this fact, the competition for the right to enter the University of Primorska in Slovenia from applicants is high.

This is explained both by the active cooperation of the university with educational institutions around the world, and by the specifics of the city's location. Located on the shores of the warm Adriatic Sea, the picturesque Koper is extremely popular both among the inhabitants of Slovenia and among tourists from all over Europe.

For the same reason, the Faculty of Tourism – one of the 6 faculties of the Primorsky University-has the highest competition for a place.

Its students from the first year of study have the opportunity to combine theory and practice, gaining experience in the tourism industry, as well as travel around the world in the framework of numerous student exchange programs, in which the University of Primorska actively participates.

Many faculties of this university are also located in cities such as Portoroz and Piran. And in total, the number of students is more about than 5000 thousand students.



KYRGYZ STATE TECHNICAL UNIVERSITY NAMED AFTER ISKHAK RAZZAKOV

The ELBA project. In 2019, the Kyrgyz State Technical University named after I. Razzakov won an international project under the Erasmus+ program on the topic «Creating training and research centers and developing courses on Big Data Mining in Central Asia (ELBA)». The project coordinator is the University of Santiago de Compostela (Spain). The project is designed for 3 years, with a total budget of 994,968,00 euros, of which 74,978 euros for KSTU. Structurally, ELBA project consists of 7 working packages.

In 2019, the Kyrgyz State Technical University named after Iskhak Razzakov won an international project under the Erasmus+ program on the topic «Creating training and research centers and developing courses on Big Data Mining in Central Asia (ELBA)». The project coordinator is the University of Santiago de Compostela (Spain). The project is designed for 3 years, with a total budget of 994,968,00 euros, of which 74,978 euros for KSTU.

Project objective: To promote cooperation on education between the EU and partner countries.

Support for the modernization, accessibility and internationalization of higher education in the partner countries.

The project aims to increase the academic potential of specialists at KSTU by developing and implementing an interdisciplinary package of modular courses for bachelors, undergraduates and specialists in big data mining (IABD) through cooperation with industry.

Structurally, ELBA project consists of 7 working packages:

WP1 Training: Mobility to Europe, Training in modern pedagogical technologies based on the EU experience, Review and analysis of academic and industrial areas where R & D is mainly in demand in Central Asian countries, Analysis of EU R & D programs.

WP2 Professional development: Development of a program and conducting a webinar on English language training for CA employees, Training of CA employees in English, Training of CA researchers in the EU on the methodologies and skills of the IABD on the appropriate software,

And Retraining of CA researchers in the IABD by EU experts in the IEI of CA partners. And the next this project direction is: WP3



WP3 Interdisciplinary package of IBDA courses: Development of programs for the required IBDA courses, Development of a course based on the IBDA module, Testing of the developed IBDA courses through its pilot implementation, Revision and confirmation of the IBDA courses.

WP4 IABD Centers and Network in CA partner universities: Purchase of equipment/literature and installation of software for IABD centers, Development and creation of a professional and academic IABD network between project partners.

WP5 Quality Plan: Training in the use of cloud project management platforms through a webinar, Quality control and monitoring of project activities using the implemented cloud project management platform, External experience of developed course packages and IABD centers, Preparation of the final project report based on the implemented cloud project management platform.

WP6 Dissemination and operation: development of a roadmap for the dissemination of information and monitoring of the dissemination of project information through the cloud management platform, Development of the project website, Dissemination of IABD training courses and project expertise among regional educational and industrial circles, Organization of a knowledge base on IABD shared through the project website; Organization of competition on IABD applications between CA partner universities, expansion of cooperation between industry and the CA-EU of the partner universities.

WP7: Defining the responsibilities of the partners during the project, Managing all academic activities, Managing administrative and financial work.

During the project, the university will develop an interdisciplinary package of modular courses in IABD for undergraduate and graduate programs, create a training and research center for a total of 23,512 euros and an academic and professional network of IABD specialists among partner universities in Central Asia. The project consortium consists of partners from 3 EU universities and 10 Central Asian countries and 11 partners from industry and education.

Employees of the departments «PMI», «POKS» and the Department of International Relations are involved in the implementation of the project.

Partners from Kyrgyzstan:
- Kyrgyz State Technical University named after I. Razzakov
- Osh University of Technology

Foreign partners: 12 12 universities from all over the world.

Polytechnic University of Turin (Italy), University of Primorye (Slovenia),

Turin Polytechnic University in Tashkent (Uzbekistan), Bukhara Institute of Engineering and Technology (Uzbekistan), Urgench State University named after al-Khorezmi (Uzbekistan), Tashkent Institute of Design, Construction and Operation of Highways (Uzbekistan), International University of Information Technologies (Kazakhstan),

A.Baitursynov Kostanay Regional University (Kazakhstan), Technological University of Tajikistan (Tajikistan).

Elba project developing, and special meetings are also held for further development and planning of the implementation of the project.

OSH UNIVERSITY OF TECHNOLOGY

The National Erasmus+ Office in Kyrgyzstan is organizing an online exhibition of the results of the Erasmus+ Elba projects, November 5, 2020 at 14.00 on the ZOOM platform. The purpose of the exhibition is to demonstrate the results of projects to improve the capacity of higher education and international credit mobility in Kyrgyzstan. Within the framework of the exhibition, it is expected to exchange experience and best practices between participants in the implementation of the Elba and Erasmus+ projects, inform the public about the results of the Erasmus+ projects and their impact on the higher education sector in Kyrgyzstan, as well as reduce the risk of implementing repeated project ideas.

Osh Technological University is a prominent representative of the engineering school of Kyrgyzstan, which strives to preserve and multiply the achievements of domestic and global engineering and technical education. This is confirmed by our graduates, the pride and glory of OshTU. During its 54-year history, the university has trained more than 30,000 first-class specialists for the industry and the national economic complex of the country, many of whom were and still are today at the head of ministries, enterprises, firms, head research teams, and are deputies of the Jogorku Kenesh of the Kyrgyz Republic.

Our graduates have not only high professional qualifications, but also creative potential-qualities that allow them to master new areas of knowledge, create new technologies and be in demand in various fields of activity.

At the university, research works are carried out at a high level with the active involvement of students, on the basis of grants provided by various the specific international research organizations, and ideas.



Currently, OSH University, like all universities in Kyrgyzstan, has moved to the European system of Higher Education through joining the Bologna Process, training specialists in a two-level system through bachelor's and master's degrees, as well as credit technology training.

OSSTU, acting as the main one, allowed to combine the educational, scientific, pedagogical and creative potential of secondary, secondary specialized and higher educational institutions to solve educational and scientific problems, while ensuring the continuity of their curricula in the system of multi-stage training of the specialty.

For example, the national Erasmus+ Office in Kyrgyzstan is organizing an online exhibition of the results of the Erasmus+ Elba projects, on November 5, 2020 at 14.00 on the ZOOM platform.

The purpose of the exhibition is to demonstrate the results of projects to improve the capacity of higher education and international credit mobility in Kyrgyzstan.

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The exhibition will be held with the participation of the Delegation of the European Union, the Ministry of Education and Science of the Kyrgyz Republic, as well as representatives of higher educational institutions of the Kyrgyz Republic. Erasmus+ is a Program of the European Union (EU) in the field of education, training, youth and sports. In Kyrgyzstan, the program supports higher education reforms through academic exchange and capacity-building projects in higher education.

Academic exchange: in the period from 2015 to 2020, 348 projects were received with the participation of Kyrgyzstan, of which 195 projects were selected for funding. The total number of students and teachers from Kyrgyzstan who took part in the academic exchange is 912 people.

Master's degree: in the period from 2014-2020, 70 fellows from Kyrgyzstan were selected in the joint Master's programs Erasmus+ Mundus.

Capacity building in the higher education sector: 18 projects were selected with the participation of universities from Kyrgyzstan.



POLYTECHNIC UNIVERSITY OF TURIN



Politecnico di Torino is the oldest technical university in Italy and one of the leading engineering colleges in Europe. His main research areas are architecture, engineering, computer science, and industrial design. The Politecnico di Torino is one of the oldest technical institutes in Italy, founded in Turin in 1859 year. The university's favorable geographical location - in the center of the main industrial systems of Italy and Europe - has led to a wide range of opportunities, subjects and specialties. Today, the Polytechnic University of Turin in Italy, is known as a forge of high-class engineers and architects and deservedly occupies a worthy place in the top 100 universities in the whole world.



The Polytechnic University of Turin makes a huge contribution to the technological development of the world industry with its research projects. Innovative developments are offered by the Faculty of Civil and Industrial Design, and the Faculty of Energy has successful projects in thermodynamics, electric motors and innovative power supply systems.

The ELBA project aims to increase the academic potential of specialists by developing and implementing an interdisciplinary package of modular courses for bachelors, undergraduates and specialists in big data mining (IABD) through cooperation with industry.

The University fruitfully cooperates with such giants as Nokia, Ferrari, Bosch, General Motors, Motorola, Microsoft and others.

The Polytechnic University in Sunny Turin is very popular among international students, mostly coming here to study for programs in Italian.

However, recently, programs in English have also become available, after which the student receives a European master's or doctor's degree.

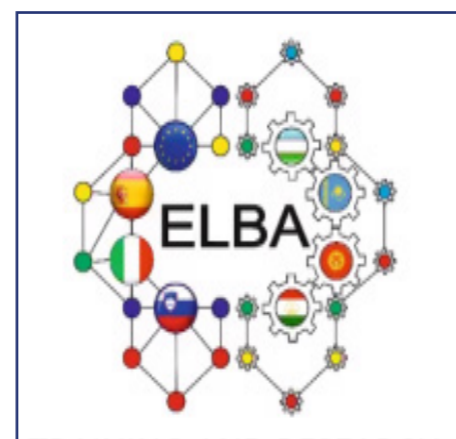
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POLYTECHNIC UNIVERSITY OF TURIN. TASHKENT CITY

The Turin Polytechnic University in Tashkent was established in 2009 in partnership with the Politecnico di Torino, Italy. The main purpose of the TTPU is to train specialists for the automotive, mechanical engineering, electrical engineering industries and companies in the field of civil engineering and construction, as well as for energy in accordance with the educational programs adopted in cooperation with the Polytechnic University of Turin, Italy. The University actively participates in the implementation of the Elba Erasmus+ project. This is an opportunity for students, interns, professors, teachers, youth workers, employees of educational institutions and civil society organizations to get an education and gain professional experience in another country.

The Turin Polytechnic University in Tashkent (TPUT) was established on April 27, 2009 in accordance with the Decree of the President of the Republic of Uzbekistan No. PP 1106 of 27.04.2009 and the Agreement between the Ministry of Higher and Secondary Special Education of the Republic.

Of the Republic of Uzbekistan, JSC «Uzavtosanoat» and the Turin Polytechnic University Politecnico di Torino of January 10, 2009 as a higher educational institution in accordance with the legislation of the Republic of Uzbekistan for the implementation of activities aimed at training highly qualified specialists for the automotive, machine-building and electrical industry, energy, enterprises and organizations of industrial and civil construction.

TPUT, along with other non-governmental educational institutions, became the holder of a license for the right to carry out educational activities in the field of higher education.

This document, issued by the authorized state body, once again confirmed the right of the University to conduct activities for the training of specialists with higher education in the fields of mechanical engineering, automotive industry, information systems, construction and architecture.

In addition, TPUT was one of the first universities in Uzbekistan to receive an ISO 9001 certificate for compliance with the quality management system for training specialists with higher education. This is an opportunity for students, interns, professors, teachers, youth workers, employees of educational institutions and civil society organizations to get an education and gain professional experience in another country.

The Credit Mobility program finances the two-way mobility of students at all levels of higher education (short cycle, bachelor's, master's, doctoral). Credit mobility will be available to students in different countries of the Program, as well as in countries that are training partners, as well as internships in enterprises. The duration of the training period can be from 3 to 12 months. Before leaving, the student, the home, and the host institution sign a «Learning Agreement» outlining the program of study.

The duration of the internship can be from 2 to 12 months.

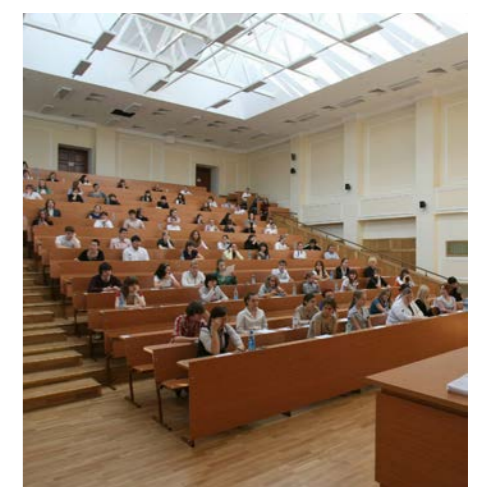
This program also supports staff for training or internships abroad from any country. Staff mobility with partner countries will last from 5 days to 2 months.

This activity between the two higher education institutions (student mobility for study and staff mobility for teaching) is based on an interagency agreement « that must be concluded between the sending and receiving universities prior to the exchange.

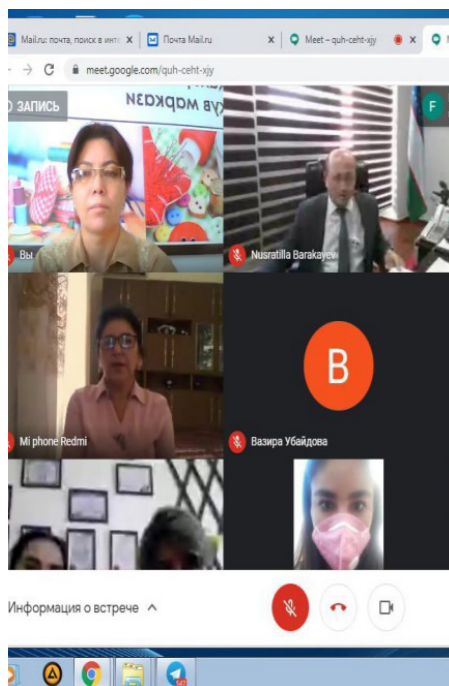
Students and staff will receive a scholarship that will cover the cost of travel, visa, insurance, and accommodation.

Participating universities cannot charge tuition fees. Erasmus + Credit Mobility Program. The University is quite active and often participates in the implementation and promotion of the Elba Erasmus+project.

Specific activities of the National Office of Erasmus +: Promote and disseminate all information about the Erasmus + and Tempus programs; organize conferences, seminars, and other events to promote the Erasmus +program, and etc.



BUKHARA INSTITUTE OF ENGINEERING AND TECHNOLOGY



Online courses organized within the framework of the ELBA project (opening of training and research centers for big data mining in Central Asia). Taking into account the conditions of the pandemic and the temporary lack of availability of courses under Project 610170-EPP-1-2019-1-ES-EPPKA2-CBHE-JP ELBA «Creation of training and research centers and development of courses on big data mining in Central Asia» in European partner universities, on March 23-26, like whole 3-days online courses were held under the guidance of professors special from the our European partner universities.

National Erasmus + (NEO) offices in 27 partner countries assist the Commission, EACEA and the authorities of the respective partner countries in implementing the Erasmus + program. NEO closely monitors the development of policies in the partner country, especially in the field of higher education.

The responsibilities of the Erasmus + national offices under the Erasmus + program cover all support, promotion, monitoring and dissemination activities related to Erasmus + activities in the field of higher education, open for cooperation with partner countries (in key actions 1, 2 and 3).

In addition to and in addition to the EU Representation, the Erasmus + National Office is the focal point in the country for all participants, potential candidates, beneficiaries and stakeholders in relation to the Executive Agency for Education, Audiovisual and Culture (EACEA) and the activities of the European Commission. and programs in the field of higher education.

The National Office of Erasmus + contributes to the following overall goal: to increase the relevance, effectiveness and impact of the Erasmus + and Tempus programs in Uzbekistan.

Online courses organized within the framework of the ELBA project (opening of training and research centers for big data mining in Central Asia).

Taking into account the conditions of the pandemic and the temporary lack of availability of courses under Project 610170-EPP-1-2019-1-ES-EPPKA2-CBHE-JP ELBA «Creation of training and research centers and development of courses on

Big data mining in Central Asia» in European partner universities, on March 23-26, 3-day online courses were held under the guidance of professors from European partner universities.

Day 1: Workshop on how to install and run a Data Science Platform. Anaconda Installation, versions of Python, Jupyter notebooks. Programming for Data Analysis.

Day 2: Statistical Methods in Data Science/Computational Linear Algebra for Large Scale Problems (Part I).

Day 3: Theoretical part + needed software installation

The courses were well organized and conducted, especially in the context of the pandemic, and the knowledge and skills gained will help in the courses that will be held in the European partner universities.

The team of Bukhara Engineering and Technology published an article in the annual journal of the Erasmus Office of Uzbekistan.

This journal publishes articles and results of projects under the Erasmus+program.

This article provides information about the recently launched ELBA project, and about the first actions taken by the partners.

The full name of the project is «Creation of training and research centers and development of courses on big data mining in Central Asia».

The duration of the project is from November 15, 2019 to November 14, 2021, that is, 36 months. The number of participants is 13 partners, including 4 higher education institutions from Uzbekistan, 2 universities each from Kazakhstan, Kyrgyzstan and Tajikistan, and 3 universities from the EU. (partners of university).

URGENCH STATE UNIVERSITY

Urgench State University was founded on the basis of the former Khorezm State Pedagogical Institute. Khorezm State Pedagogical Institute was founded on September 1, 1942 on the basis of the institute that trained teachers with incomplete higher education. The Elba (Erasmus+) project is developing every day. National Erasmus + (NEO) offices in 27 partner countries assist the Commission, EACEA and the authorities of the respective partner countries in implementing the Erasmus + program. NEO closely monitors the development of policies in the partner country, especially in the field of higher education.



Urgench State University was founded on the basis of the former Khorezm State Pedagogical Institute. Khorezm State Pedagogical Institute was founded on September 1, 1942 on the basis of the institute that trained teachers with incomplete higher education.

The Institute had 4 departments: Physics and Mathematics, Uzbek language and literature, Russian language and literature, history. By 1991, KHSPI had 6 faculties and 22 departments. Urgench State University was founded by Decree No. 356 of the President of the Republic of Uzbekistan dated February 28, 1992 on the basis of the former Khorezm State Pedagogical Institute.

There are 11 faculties and 36 departments at Urgench State University, where bachelors and masters are trained in 58 academic areas and 27 specialties.

The total number of students is 16496.



USU is actively involved in Erasmus + projects such as ECCUM, RENES, GREB, CLASS, EPCA, and in international projects IRES (International Student Research Experience) funded by the US National Science Foundation, English for STEM funded by the US Department of State, SUMRICA (Research in Sustainable Mobility in Central Asia) funded by the Volkswagen program and Erasmus + ICM projects with universities such as the University of L'Aquila (Italy), the University of Porto (Portugal), the University of Kiel (England), University of Padua (Italy) University of Cantabria (Spain) and University of Applied Sciences Weihenstephan-Triesdorf (Germany).

National Erasmus + (NEO) offices in 27 partner countries assist the Commission, EACEA and the authorities of the respective partner countries in implementing the Erasmus + program.

NEO closely monitors the development of policies in the partner country, especially in the field of higher education.



The responsibilities of the Erasmus + national offices under the Erasmus + program cover all support, promotion, monitoring and dissemination activities related to Erasmus + activities in the field of higher education, open for cooperation with partner countries (in key actions 1, 2 and 3).

In addition to and in addition to the EU Representation, the Erasmus + National Office is the focal point in the country for all participants, potential candidates, beneficiaries and stakeholders in relation to the Executive Agency for Education, Audiovisual and Culture (EACEA) and the activities of the European Commission. and programs in the field of higher education.

The National Office of Erasmus + contributes to the following overall goal: to increase the relevance, effectiveness and impact of the Erasmus + and Tempus programs in Uzbekistan.



KULOB INSTITUTE OF TECHNOLOGY AND INNOVATION, TAJIKISTAN

As it turned out earlier, the main goal of the project is to improve the academic potential of professionals through the development and implementation of an interdisciplinary package of modular courses for bachelor's, master's and engineering specialists in big data mining (IBDA) in Central Asian countries through cooperation with the industry, and the university is actively involved in this.

The University also actively participates in international meetings and events on the project. For example: Within the framework of the European Union's ERASMUS+ ELBA project, a kick-off meeting on ELBA project was held at the University of Santiago de Compostela on February 27-28, 2020. Representatives of all partner universities took an active part in it. The consortium includes 4 universities in Europe, 4 universities in Uzbekistan, 2 universities in Kazakhstan, 2 universities in Kyrgyzstan and 2 universities in Tajikistan.

Project objective: To increase the scientific potential of specialists by developing and implementing an interdisciplinary set of modular courses for undergraduate students and engineering specialists in large-scale data analysis (IBDA) in Central Asia through collaboration with this field.

The project aims to train highly qualified data mining (IBDA) professionals with a multi-disciplinary structure and access to effective IBDA tools based on EU experience and technologies that contribute to sustainable development.

Within the framework of the professional retraining program «Management in Education», the final state certification was held at the Institute of Technology and Innovation Management (Kulob, Republic of Tajikistan) from March 2, 2016 to March 5, 2016.

As members for the work of the final attestation commission, North Caucasus Federal University sent: Professor of the Department of Pedagogy and Educational Technologies of the Institute of Education and Social Sciences of NCFU, Doctor of Pedagogical Sciences, Professor Yuri Lobeyko and Professor of the Department of Philosophy of the Humanities Institute of NCFU, professors.

On March 2, 2016, Professor of the Department of Philosophy Vadim Goncharov gave an open lecture «Personality in the management system» for the faculty and students of the Institute of Technology and Innovation Management in the discipline «Sociology and Psychology of Management», included in the section «Subject activity» of the profile part of the educational and thematic plan of the professional retraining program «Management in Education».

Considering the provision of training of highly qualified managerial personnel in the field of education of the Republic of Tajikistan to solve the tasks of its priority areas of socio-economic development, including through improving educational, scientific and cultural relations with the North Caucasus Federal University, the Russian Federation, Professor of the Department of Philosophy, Doctor of Philosophy, Associate Professor Vadim Goncharov and Professor of the Department of Pedagogy and Educational Technologies of the Institute of Education and Social Sciences of NCFU, Doctor of Pedagogical Sciences, Professor Yuri Lobeyko was awarded the title of Honorary Professor of the Institute of Technology and Innovation Management in Kulob (Republic of Tajikistan) by the decision of the Academic Council of Kulob Institute of Technology and Innovation, Tajikistan.



TASHKENT STATE TRANSPORT UNIVERSITY

Tashkent Automobile and Road Institute (TADI) is considered the only higher education institution in Central Asia that trains motorists and road engineers. Tashkent Automobile and Road Institute was founded by Decree of the Government of the Republic of Uzbekistan No. 607 of December 27, 1971 and by order of the Ministry of Higher and Secondary Special Education No. 27 of January 21, 1972 on the basis of the Automobile and road Faculty of the Tashkent Polytechnic Institute. The educational process started on September 1, 1972.

This Institute is the only university in Central Asia that trains qualified specialists-motorists and road users. The Institute has been functioning since 1972, when it was founded on the basis of the Automobile and Road Faculty of the Tashkent Polytechnic Institute.

On September 1, 1972, the first students entered the building of the institute in anticipation of a fascinating immersion in the world of knowledge.

Currently, the training of highly qualified personnel is carried out in the following areas:

- Faculty of Professional Education/ Mathematics, Native Language and Literature/ Faculty of Road Construction/ Mathematics, Native Language and Literature/ Faculty of Motor Transport/ Mathematics, Native Language and Literature/ Faculty of Automotive Engineering/ Mathematics, Native Language and Literature/ Faculty of Economics and Management/ Mathematics, Native Language and Literature.

The faculties employ experienced teachers and professors, including 3 academicians of the Uzbek Academy of Sciences, 4 Honored Scientists of Uzbekistan, 38 doctors of science and professors.

Every year, more than 4,000 students, undergraduates, postgraduates and trainees receive higher education at the university.



Their services are provided by the university's scientific library, which has a book collection of more than 397,000 educational, scientific and fiction books. The Institute also has its own printing base.

Nonresident and international students of TADI are provided with places in the dormitories of the Institute.

Touching upon international cooperation, it should be noted that TADI has more than 10 international mutual agreements with foreign research centers and educational institutions.

Moreover, the Tashkent Automobile and Road Institute is a member of the UNESCAP on the formation of the Asian highway network, actively participates in the International Programs» TACIS «for the development of the European Transport System, a member of the International Association of Automobile and Road Education – MAADO, and also heads the educational and methodological association of higher educational institutions of Uzbekistan on motor transport and ecology, land transport systems.

TADI graduates are in-demand personnel and work productively in many countries of the world.



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