



## 13 PARTNER INSTITUTIONS



## CONTACTS



<https://elba-project.eu/>



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Technological University of  
Tajikistan



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



**ELBA** - Establishment of  
training and research centers  
and Courses development  
on Intelligent BigData Analysis  
in Central Asia

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



## ABOUT ELBA

ELBA is an ERASMUS+ project. The acronym stands for “Establishment of training and research centers and Courses development on Intelligent Big Data Analysis in CA (Central Asia)”.

Project objectives on developing multidisciplinary package of the module based courses on IBDA for bachelor and master programs in 10 universities and industry companies in CA, establishing IBDA Centers and academic and professional IBDA network of CA partner HEIs fit in with the strategic priorities of development directions including modernization and internationalization of HE in CA partner countries.

As part of the project, planning the preparation of English courses, preparing a package of courses that can be partly taught in foreign languages will help partners institutes in the development of internationalization. Training teachers in this field, acquiring skills, incorporating new courses, curricula, preparing teaching materials, creating centers and teaching students of these courses will help the modernization of higher education.

## EUROPEAN PARTNERS:

- University Santiago de Compostela, Coordinator (USC) Spain
- Technical University of Turin, Italy
- University of Primorska, Slovenia

## PARTNERS FROM CENTRAL ASIA:

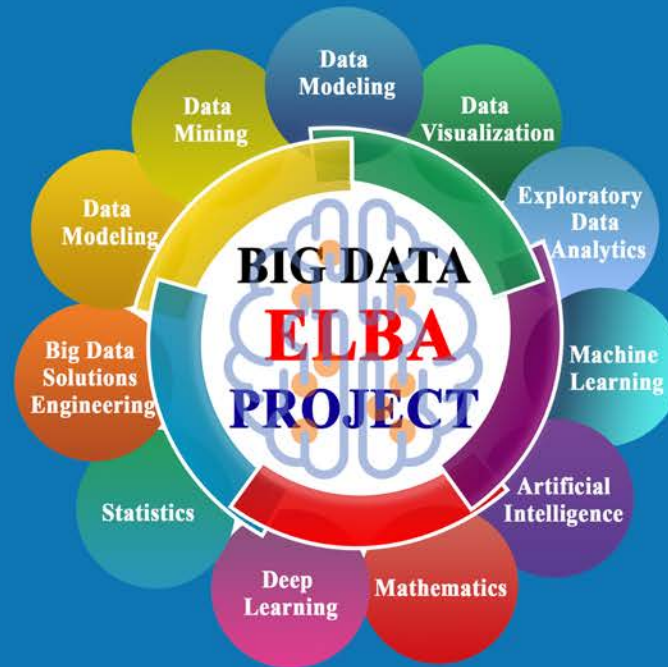
- Polytechnic University of Turin in Tashkent, Uzbekistan
- Technological engineering institute of Bukhara, Uzbekistan
- State University of Urgench, Uzbekistan
- Tashkent Institute of Design, Construction and Operation
- International University of Information Technologies, Kazakhstan
- Kostanay State University named after A. Baitursinov, Kazakhstan
- Technological University of Tajikistan
- Institute of technologic and innovative management in city Kulyab
- Technical State University of Kirgizstan named after I. Razzokov
- Technological University in Osh, Kirgizstan

## AIM OF THE PROJECT:

Increasing the scientific potential of specialists through the development and implementation of an interdisciplinary set of modular courses for undergraduate students and engineering specialists in large-scale analysis of IBDA in Central Asia through cooperation with this field.

The project aims to train highly qualified specialists in the field of IBDA mining with a multi-disciplinary structure and access to effective IBDA tools, based on the EU experience and technologies that contribute to development.

As a result of the program financing, a modern laboratory for data mining IBDA will be created at the university, and the developed modules will be included in the curriculum.



## ACHIEVED RESULTS FROM THE ELBA

**DEMAND RETENTION A-PRIORY DEMAND FROM IBD**

- ENGLISH COURSES LANGUAGE**
- Upper-intermediate
  - Elementary
  - Beginners

**CREATION OF THE CENTER BY IBD**

- COURSE DEVELOPMENT BY IBD**
- Data Management and Visualization
  - Programming in Python
  - Machine Learning for IoT



PILOTING COURSES



OPENING OF A NEW SPECIALTIES

1400301 - Искусственный интеллект

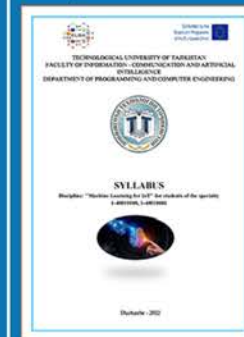


ORGANIZATION OF TRAININGS

- University of Santiago de Compostela Coordinator (USC) Spain
- Politecnico di Torino Italy
- University of Primorska UP, Slovenia



DEVELOPMENT OF TRAINING MATERIALS



PRESENTATION OF CERTIFICATES ON SUCCESSFUL COMPLETION OF TRAINING COURSES FOR PARTICIPANTS ON IBDA METHODOLOGY AND SKILLS TRAINING TUT



CERTIFICATE CEREMONY TO THE IT SPECIALISTS OF THE TECHNOLOGICAL UNIVERSITY OF TAJIKISTAN

