



Periodical Report
18 Months of project
implementation

Crisis and Risks Engineering for Transport Services

AZERBAIJAN TECHNICAL UNIVERSITY FACULTY OF TRANSPORT AND LOGISTICS



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

Joint Project: Capacity Building in the
Field of Higher Education ERASMUS+ 2018

PROF. DR. SUBHAN NAMAZOV

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.1. PROJECT ACTIVITIES

Implemented activities for each of the Work Packages (WP1-WP5)

WP1

As per the agreement reached within the project, necessary conditions were established for initiating training of specialists at the Master's level for the first time in Azerbaijan. For this purpose, necessary arrangements were defined, and a working group was set up, and the necessary agreements were reached with universities and the incumbents of labor market in the country.

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.1. PROJECT ACTIVITIES

Implemented activities for each of the Work Packages (WP1-WP5)

WP2:

Admission plan for implementation of master's education was submitted and approved by the Cabinet of Ministers of the Republic of Azerbaijan this year. The curriculum of the specialty was developed and approved by the Ministry of Education and other partner universities in Azerbaijan. The specialists were instructed to compile necessary course materials.

The teaching-methodological base which is under development shall facilitate the teaching process. 9 instructors from AzTU attended the trainings for adaptation of the curricula to the curricula of the partner European countries.

These instructors conducted 3 master classes and seminars for students and other instructors at AzTU .

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.1. PROJECT ACTIVITIES

Implemented activities for each of the Work Packages (WP1-WP5)

WP3:

According to the valid rules in Azerbaijan, the accreditation process is carried out after the first graduation. Therefore, the accreditation for this specialty can be carried out not earlier than 2023. Given the forthcoming accreditation of AzTU as a university, it is possible to perform self-evaluation of the specialty. As per the valid rules, a self-evaluation commission is to be established for the purpose.

We have conducted a survey among the students about the demand for the specialty, and according to the results, more than 85% of students expressed their positive interest in the specialty.

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.1. PROJECT ACTIVITIES

Implemented activities for each of the Work Packages (WP1-WP5)

WP4:

Special attention is paid for sharing project information. The information is widely shared on the social media and university website. So far, about 15 events were held, 3 seminars were organized, master classes were conducted, and the importance of the project was conveyed to the general scientific community at AzTU within the framework of project activities.

At the same time, specialists and companies engaged in the relevant field in the local labor market were informed about the project and its contributions to existing labor market. Contracts were concluded with 3 of these companies.

Relevant project information was shared on the university's website and are being posted on the home page continuously.

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.1. PROJECT ACTIVITIES

Implemented activities for each of the Work Packages (WP1-WP5)

WP5:

Dedicated project management team were established including specialists, students and administrative staff by the order of the rector.

At the same time, we keep coordinating activities with project partners in Azerbaijan.

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.1. PROJECT ACTIVITIES

Positive changes at Azerbaijan Technical University as the result of each of the implemented activities of the project

- Specialists received relevant trainings for the first time due to the demand in the relevant field in the local labour market;
- Curricula were adapted to the subject taught in European universities;
- The instructor staff gained experience and professional growth through trainings;
- The hardware and software to be procured under the project establishes necessary condition for serious innovative developments in the area.
- This area is being enriched with new course materials.

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.1. PROJECT ACTIVITIES

Difficulties encountered while implementing the activities

- Lack of some course materials in Azerbaijan, due to new area of specialization at master's program;
- Lack of experience in approval of international projects and managing time

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.2. DEVELOPMENT OF CRENG MA PROGRAM AND CRENG COURSES

1.2.1. MA Program development

Responsible persons for development			
1	Subhan Namazov	Vice-rector for International Affairs	subhan.namazov@aztu.edu.az
2	Malik Qarayev	Head of the department of Master's and doctoral degree programs	malik.qarayev@aztu.edu.az
3	Razim Bayramov	Head of the department of Transport logistics and traffic safety	razim.bayramov@aztu.edu.az
4	Fuad Dashdamirov	Assoc. prof. at the department of Transport logistics and traffic safety	dr.fuad@rambler.ru

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.2. DEVELOPMENT OF CRENG MA PROGRAM AND CRENG COURSES

1.2.1. MA Program development

Percentage of CRENG MA program development	95 %
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1. QUALITY OF THE PROJECT IMPLEMENTATION

1.2. DEVELOPMENT OF CRENG MA PROGRAM AND CRENG COURSES

1.2.1. MA Program development

Process of accreditation of MA program CRENG in Azerbaijan

In accordance with the valid rules in Azerbaijan, the accreditation is implemented by the Agency for Quality on Education under the Ministry of Education of the Republic of Azerbaijan. The accreditation process is carried out after the first graduation in each specialty. Therefore, official accreditation for this specialty can be carried out no earlier than 2023.

The process is carried out as follows:

First of all, the general self-evaluation of the university is carried out. The results are submitted to the Agency. The Agency establishes a special Commission for Accreditation. The commission determines the facts by conducting physical inspections on specific issues during about 10 days and issues a reference within about a month. The reference is discussed and a decision is made on specialties.

The Agency for Quality Assurance on Education was reorganized in Azerbaijan. Accreditation rules are currently being upgraded. The key points of the accreditation rules are being adapted to European rules. Both professional and institutional assessments could be performed here.

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.2. DEVELOPMENT OF CRENG MA PROGRAM AND CRENG COURSES

1.2.1. MA Program development

Estimated date of accreditation on institutional level

Accreditation of AzTU at institutional level **is planned for 2021.** The last Accreditation Certificate was obtained in 2016.

Estimated date of accreditation on national level

Approximate date of student admission on pilot training is **September 2020.**

The trainings of MA programs within CRENG project will be **carried out by AzTU in academic year 2020-2021.**

Estimated date of students' enrolment on new MA program

Admission of the first master's students for the program **will be carried out in 2020.** The Cabinet of Ministers of the Republic of Azerbaijan approved the student admission plan. Initial planning is **to admit 12 master's students.**

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.2. DEVELOPMENT OF CRENG MA PROGRAM AND CRENG COURSES

1.2.1. MA Program development

Results of agreement with the Ministry of education of new CRENG MA program opening

As a summary of the Skype meeting, the Vice-Rectors of the Universities from Azerbaijan came together at the Ministry of Education, and discussed the views expressed in the report and respective response is issued accordingly.

The curriculum of the specialty were discussed and agreed at the Ministry of Education.

In addition, request is issues to Ministry of Education by the rectors of the Universities for its approval with new title by the Cabinet of Ministers.

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.2. DEVELOPMENT OF CRENG MA PROGRAM AND CRENG COURSES

Table 1.2.2. Courses Development

Course №	Title of the course	Number of ECTS	Name of the person(s) responsible for development + email	Teachers have completed trainings regarding the course (yes or no/ in EU or at home university)	Estimate the percentage of course description development	Estimate the percentage of lecture notes/ presentations development	Estimate the percentage of course work methodology development (if applicable)	Estimate the percentage of practical/ laboratory work methodology development	Estimate the percentage of Moodle course development	Estimate the percentage of equipment and software are installed (if applicable)	Estimate the percentage of content, that is planned to be delivered in English (if applicable)
1	New technologies and big data for innovations in crisis and risk management + IT Security	8	Mehman Hasanov hasanovnew@gmail.com	yes	60	70	N/A	30	60		N/A
2	Risk and crisis forecast, Analysis and Reduction Methods and Tools	4	Gazanfar Axundov aqezenfer01@gmail.com	yes	65	60	N/A	N/A	50	N/A	N/A
3	Simulation of complex transport processes and systems that operate in conditions of risks	6	Fuad Dashdamirov dr.fuad@rambler.ru	yes	50	50	N/A	50	60		N/A
4	Human Factors in Design & Operations	6	Allahverdi Sharifov s.allahverdi@mail.ru	yes	70	90	N/A	N/A	90	N/A	N/A
5	Humanitarian logistics and transport services in disasters conditions	6	Nijat Zohrabov nidjatsoxrabov@mail.ru	yes	80	60	N/A	N/A	60	N/A	N/A
6	Informational-Analytic and Diagnostics for Sociotechnical System		Mehman Hasanov hasanovnew@gmail.com	yes	75	50	N/A	N/A	50		N/A
7	Risk and crisis engineering of Transport systems	6	Fuad Dashdamirov Dr.fuad@rambler.ru	yes	70	70	30	N/A	70		60
8	New challenges for crisis and risk management in logistics systems	4	Allaz Aliyev Aliev_allaz@mail.ru	yes	65	50	N/A	N/A	50	N/A	N/A
9	Supply chain management and networks	8	Fuad Dashdamirov dr.fuad@rambler.ru	yes	90	60	N/A	N/A	70	N/A	60
10	Health, Safety & Environmental Management Systems	4	Allaz Aliyev aliev_allaz@mail.ru	yes	80	75	N/A	N/A	90	N/A	N/A
11	Project management and leadership in logistics and research, through open communication and team-working	6	Allahverdi Sharifov s.allahverdi@mail.ru	yes	80	75	50	N/A	80	N/A	N/A
12	Research methods and professional development	4	Azad Babayev babayevazad69@gmail.com	yes	85	60	N/A	N/A	65	N/A	60
13	Carrier Managing, Soft skills for engineers, basics of technical creativity	4	Nijat Zohrabov nidjatsoxrabov@mail.ru	yes	85	60	N/A	N/A	60	N/A	70

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.2. DEVELOPMENT OF CRENG MA PROGRAM AND CRENG COURSES

1.2.3 TEACHING MATERIALS

1.2.3 TEACHING MATERIALS				
No	Title of the materials	Type (manuals/text books/methodological recommendations)	Short description	Estimated date of the development of the digital versions-drafts (.doc files)
1	New technologies and big data for innovations in crisis and risk management + IT Security	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
2	Risk and crisis forecast, Analysis and Reduction Methods and Tools	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
3	Simulation of complex transport processes and systems that operate in conditions of risks	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
4	Human Factors in Design & Operations	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
5	Humanitarian logistics and transport services in disasters conditions	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
6	Informational-Analytic and Diagnostics for Sociotechnical System	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
7	Risk and crisis engineering of Transport systems	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
8	New challenges for crisis and risk management in logistics systems	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
9	Supply chain management and networks	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
10	Health, Safety & Environmental Management Systems	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
11	Project management and leadership in logistics and research, through open communication and team-working	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
12	Research methods and professional development	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020
13	Carrier Managing, Soft skills for engineers, basics of technical creativity	Lecture materials	The lecture material will cover all the topics defined to be taught in course syllabi.	July 2020

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.3. TEACHING/TRAINING ACTIVITIES

1.3. TEACHING/TRAINING ACTIVITIES

No	Question	Answer
1	Report on the total number of academic staff that was trained during the during project trainings in EU	10
2	Report on the total number of academic/administrative staff that was retrained at home university by participant of EU trainings	70

1. QUALITY OF THE PROJECT IMPLEMENTATION

1.4. CRENG INTERNATIONAL TEXT-BOOK

1.4. CRENG INTERNATIONAL TEXT-BOOK

No	Question	Answer
1	Title of Chapter developed, by your university	Chapter 2. Risk and crisis forecast, Analysis and Reduction Methods and Tools Bak
2	Responsible person for redacting (name, position, e-mail)	Fuad Dashdamirov Lecturer dr.fuad@rambler.ru
3	Team of authors (name, position)	Fuad Dashdamirov Lecturer dr.fuad@rambler.ru
4	Draft of Chapter content/ plan	1.Risk concept 2.Risk analysis techniques 3.Risk Management in the Transport Sector 4.Risk and Crisis Management in the Supply Chain 5.Risk and Crisis Management in Road Traffic 6.Risk and Crisis Management in Rail Transport
5	Date of the first draft of the Chapter completion	30 September 2020

1. QUALITY OF THE PROJECT IMPLEMENTATION IMPACT AND SUSTAINABILITY

1.5. PROJECT BASED LEARNING (PBL) DISSEMINATION EVENTS-1

1.4. CRENG INTERNATIONAL TEXT-BOOK

№	Question	Answer
1	Name of the person(s) responsible for PBL methodology dissemination in your university (name, position, e-mail)	Subhan Namazov subhan.namazov@aztu.edu.az
2	Title of CRENG courses, where PBL methodology will be implemented/ Name of courses developers	Risk and crisis engineering of Transport systems /Fuad Dashdamirov New challenges for crisis and risk management in logistics systems/ Allaz Aliyev
3	Drafts topics of future PBL projects, that will be developed	
4	Please, report on dissemination seminar on PBL, conducted in your institution (date, name of lecture, plan, number of participants, photos)	Will be implemented in June 25
5	Which partner (other than your partner country) are you going to cooperate on joint international PBL project development	

2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

Dissemination meetings on project activities for students, teachers and administrative staff of AzTU incl. top management:

- 09 October 2019 for teachers (Berlin training)
- 15 October 2019 for students (Berlin training)
- 24 December 2019 for students (Warsaw training)
- 25 December 2019 for teachers (Warsaw training)
- 10 February 2020 for teachers (Valenciennes training)

2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

9 October 2019 - Dissemination meeting with teachers (Berlin Training)



2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

15 October 2019 - Dissemination meeting with students (Berlin Training)



2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

10 February 2020 - Dissemination meeting with teachers and project work group (Valenciennes training)



2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

Dissemination of the information about the project in mass media

1. Launch of the ERASMUS+ CRENG project (04.03.2019)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=20190304113735351187&keyword=&searchtype=>

<http://zim.az/aztu/4289-azrbaycan-texniki-universiteti-yeni-erasmuska2-layihinin-icrasna-balayb.html>

2. Next round of discussions in the framework of ERASMUS+ CRENG project at AzTU (08.07.2019)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=20190709120925516260&keyword=creng&searchtype=subject>

3. Participation of instructors of AzTU in trainings held at the Technical University of Berlin (20.09.2019)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=2019092414101007675&keyword=&searchtype=>

<https://azertag.az/xeber/1334094>

4. AzTU and 166 Global Logistics LLC signed a cooperation agreement (24.09.2019)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=20190924154654302854&keyword=&searchtype=>

<http://aztu.edu.az/azp/creng/en/meeting/m4.jsp>

5. Dissemination Workshop at Azerbaijan Technical University (09.10.2019)

<http://aztu.edu.az/azp/creng/en/meeting/m6.jsp>

6. Dissemination for students Workshop in Azerbaijan Technical University (15.10.2019)

2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

Dissemination of the information about the project in mass media

7. NEO Monitoring (Azerbaijan Technical University)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=2019102512090907342&keyword=&searchtype=>

<https://azertag.az/xeber/1347541>

8. Participation of instructors of AzTU in trainings held at the Warsaw University of Technology in Poland (10.12.2019)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=20191210151403983159&keyword=&searchtype=>

<http://aztu.edu.az/azp/creng/en/meeting/m8.jsp>

9. NEO Monitoring meeting on CRENG at Baku Engineering University (25.11.2019)

<http://aztu.edu.az/azp/creng/en/meeting/m7.jsp>

10. Seminar for instructors and students on trainings held at the Warsaw University of Technology in Poland within the CRENG project (24.12.2019-25.12.2019)

11. Participation of instructors of AzTU in trainings held at the Polytechnic University of Hauts-de-France (27.01.2020)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=20200127140822132138&keyword=&searchtype=>

<http://zim.az/aztu/4741-aztu-nun-mkdalar-fransann-valansyen-universitetind-treningd.html>

12. AzTU and Absheron Logistics Center signed a Memorandum of Cooperation (22.01.2020)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=20200122121544562905&keyword=absheron&searchtype=subject>

13. Skype meeting of representatives of CRENG Project Management Board and local coordinators from partner universities of Azerbaijan (23.01.2020)

14. Seminar for instructors on trainings held at the Polytechnic University of Hauts-de-France (10.02.2020)

<http://aztu.edu.az/azp/#/azp/etc/newsView.do?deptid=0&articleid=20200210143134185388&keyword=creng&searchtype=subject>

<https://azertag.az/xeber/1410093>

2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

Dissemination of the information about the project in mass media

AZTU-nun müəllimləri Berlin Texniki Universitetində təlimlərdə iştirak ediblər
24.09.2019 [16:03]

Bölmənin digər xəbərləri

- 10.06.2020 [19:50] Azərbaycan Milli Elmilər Akademiyasının onlayn ümumi yığıncağı keçirilib
- 10.06.2020 [18:49] Onlayn konfransda Azərbaycanın iqtisadında innovasiyaların rölündən bəhs olub
- 10.06.2020 [18:40] Bakı Texniki Kollecinde mətbəhlər onlayn formada şifahi Usulla aparılıb
- 10.06.2020 [18:31] İyunun 10-da tədris proqramına uyğun tələblərlər təqdim edilib

Bakı, 24 sentyabr, **AZORTAC**

Azərbaycan Texniki Universitetinin (AZTU) əməkdaşları - dosent Fərid Dəğdərliyev, dosent Allahverdi Şerifov və baş müəllim Nizət Zöhrabov neqliyyat xidməti üçün bəhrən və risklər mühəndisliyi (CRENG) üzrə "Erasmus+ KA2" layihəsi çərçivəsində Berlin Texniki Universitetində keçirilən təlimlərdə iştirak ediblər. Layihə çərçivəsində universitetdə CRENG laboratoriyasının yaradılması, laboratoriya üçün avadanlığın və "Anylogic" program təminatının alınması nəzərdə tutulur.

AZTU-dan **AZORTAC**-a bildirilib ki, təlimlərdə layihəyə uyğun olaraq müvafiq magistr proqramı (Neqliyyat loqistika) üzrə tədris olunacaq fəhrlərin məzmunu, ödərs saatlarının paylanması, müasir tələblərə uyğun yeni kurikulumun və tədris vasitələrinin hazırlanması barədə tövsiyələr verilib. Eyni zamanda, təlimlərdə məsələ dövründə neqliyyat proseslərində yaranma ehtimalı olan risklər və onların aradan qaldırılmasının müasir üsulları ətrafında müzakirələr aparılıb.

Sonda iştirakçılara sertifikatlar təqdim olub.

Azərbaycan Texniki Universitetində "Erasmus+KA2" layihəsi çərçivəsində növbəti görüş
25.10.2019 [17:52]

Bölmənin digər xəbərləri

- 10.06.2020 [19:50] Azərbaycan Milli Elmilər Akademiyasının onlayn ümumi yığıncağı keçirilib
- 10.06.2020 [18:49] Onlayn konfransda Azərbaycanın iqtisadında innovasiyaların rölündən bəhs olub
- 10.06.2020 [18:40] Bakı Texniki Kollecinde mətbəhlər onlayn formada şifahi Usulla aparılıb
- 10.06.2020 [18:31] İyunun 10-da tədris proqramına uyğun tələblərlər təqdim edilib

Bakı, 25 oktyabr, **AZORTAC**

Azərbaycan Texniki Universitetində (AZTU) "Neqliyyat xidməti üçün bəhrən və risklər mühəndisliyi (CRENG)" "Erasmus+KA2" layihəsi çərçivəsində növbəti görüş keçirilib.

AZTU-dan **AZORTAC**-a bildirilib ki, beynəlxalq əlaqələr üzrə prorektor, professor Sübhən Namazov layihənin Azərbaycan tərəfi üçün bəyannamə qeyd edib. Prorektor neqliyyat sahəsində ikili diplom proqramının imkanlarından danışıb və AZTU-nun layihə çərçivəsində yerinə yetirilən işlər haqqında məlumat verib.

Daha sonra layihənin meneceri Konrad Levçuk təqdimatla çıxış edib və sualları cavablandırıb.

Azərbaycan Texniki Universitetində Erasmus+KA2 layihəsi çərçivəsində seminar
10.02.2020 [16:06]

Bölmənin digər xəbərləri

- 10.06.2020 [19:50] Azərbaycan Milli Elmilər Akademiyasının onlayn ümumi yığıncağı keçirilib
- 10.06.2020 [18:49] Onlayn konfransda Azərbaycanın iqtisadında innovasiyaların rölündən bəhs olub
- 10.06.2020 [18:40] Bakı Texniki Kollecinde mətbəhlər onlayn formada şifahi Usulla aparılıb
- 10.06.2020 [18:31] İyunun 10-da tədris proqramına uyğun tələblərlər təqdim edilib

Bakı, 10 fevral, **AZORTAC**

Azərbaycan Texniki Universitetində (AZTU) "Neqliyyat xidməti üçün bəhrən və risklər mühəndisliyi (CRENG) Erasmus+KA2" layihəsi çərçivəsində seminar keçirilib.

AZTU-dan **AZORTAC**-a bildirilib ki, universiteti bəyannamə əlaqələr üzrə prorektor, professor Sübhən Namazov layihənin əhəmiyyətindən danışıb.

Seminarla neqliyyat loqistika magistr ixtisaslaşması üzrə tədris olunacaq fəhrlər haqqında fikri mübadilə aparılıb.

Hamqinçin layihə çərçivəsində universitetdə CRENG laboratoriyasının yaradılması, laboratoriya üçün avadanlığın və Anylogic program təminatının alınması müzakirə olub.

Sonda mövzu ilə bağlı suallar cavablandırılıb.

2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

Dissemination of the information about the project in mass media

Xəbərlər

Başlıq Azərbaycan Texniki Universiteti yeni ERASMUS+KA2 layihəsində iştirak etməyə başladı.

Tarix 04.02.19

Baxış sayı 177

Azərbaycan Texniki Universitetinin (AzTU) professoru, professor Səlim Nəzəroğlu, Nəzəroğlu, İngiltərə departamentinin direktoru, dosent Məhərriz Ağayeva, İtaliyanın İtaliyanın və yox buraxılacaq tədqiqatçıları arasında dosent Fani Dəvudovun Avropa İttifaqının maliyyələri və Polşa Texnologiya Universitetinin direktoru olan "Nəqliyyat xidməti üçün xidmət və risk müdaliyyəti" (CRENG) Erasmus KA2 layihəsində iştirak etməyə başladılar. Layihənin məqsədi, Azərbaycanın bu sahədə qazanmasıdır. Layihənin məqsədi, Azərbaycanın bu sahədə qazanmasıdır. Layihənin məqsədi, Azərbaycanın bu sahədə qazanmasıdır.

Xəbərlər

Başlıq AzTU-da ERASMUS+ "Nəqliyyat xidmətləri üzrə bələdiyyə və risk müdaliyyəti" CRENG layihəsi çərçivəsində əlbəttə giriş keçirildi.

Tarix 09.07.19

Baxış sayı 271

İyulun 8-də Azərbaycan Texniki Universiteti (AzTU), Bakı Mühəndislik Universiteti və Azərbaycan Texnologiya Universitetinin mütəmadi olaraq ERASMUS+ "Nəqliyyat xidmətləri üzrə bələdiyyə və risk müdaliyyəti" CRENG layihəsi çərçivəsində məğaziyyəti yeni tədris planının formalaşdırılması üçün AzTU-da görüşlər keçirildi.

Xəbərlər

Başlıq AzTU müəllimləri Berlin Texniki Universitetinin təlimatlarında iştirak ediblər.

Tarix 24.09.19

Baxış sayı 317

Azərbaycan Texniki Universitetinin (AzTU) müəllimləri - dosent Fani Dəvudov, dosent Allahverdi Şerifov və baş müəllim Nəzi Zəhrabov "Nəqliyyat xidməti üçün bələdiyyə və risk müdaliyyəti" (CRENG) - Erasmus KA2 layihəsi üzrə sərəfə ayın 9-20 tarixlərində Berlin Texniki Universitetində keçirilən təlimatda iştirak etməyə gəlmişdilər.

Xəbərlər

Başlıq AzTU və İtaliya Cəmiyyət Mərkəzi arasında əməkdaşlıq müqaviləsi imzalandı.

Tarix 24.05.19

Baxış sayı 268

Sentyabr 24-də Azərbaycan Texniki Universiteti (AzTU) və İtaliya Cəmiyyət Mərkəzi arasında əməkdaşlıq müqaviləsi imzalandı.

Xəbərlər

Başlıq AzTU-da ERASMUS+KA2 layihəsində görüşlərinə baxıldı.

Tarix 21.10.19

Baxış sayı 776

İtaliyanın İtaliyanın və yox buraxılacaq tədqiqatçıları arasında dosent Fani Dəvudovun Avropa İttifaqının maliyyələri və Polşa Texnologiya Universitetinin direktoru olan "Nəqliyyat xidməti üçün xidmət və risk müdaliyyəti" (CRENG) Erasmus KA2 layihəsində iştirak etməyə başladılar.

Xəbərlər

Başlıq AzTU-nun müəllimləri Polşa Texnologiya Universitetində iştirak etdilər.

Tarix 09.07.19

Baxış sayı 247

İyulun 9-da Azərbaycan Texniki Universiteti (AzTU) müəllimləri - dosent Fani Dəvudov, dosent Allahverdi Şerifov və baş müəllim Nəzi Zəhrabov "Nəqliyyat xidməti üçün bələdiyyə və risk müdaliyyəti" (CRENG) Erasmus KA2 layihəsi üzrə sərəfə ayın 9-20 tarixlərində Berlin Texniki Universitetində keçirilən təlimatda iştirak etməyə gəlmişdilər.

Xəbərlər

Başlıq AzTU-nun müəllimləri Polşa Texnologiya Universitetində iştirak etdilər.

Tarix 09.07.19

Baxış sayı 247

İyulun 9-da Azərbaycan Texniki Universiteti (AzTU) müəllimləri - dosent Fani Dəvudov, dosent Allahverdi Şerifov və baş müəllim Nəzi Zəhrabov "Nəqliyyat xidməti üçün bələdiyyə və risk müdaliyyəti" (CRENG) Erasmus KA2 layihəsi üzrə sərəfə ayın 9-20 tarixlərində Berlin Texniki Universitetində keçirilən təlimatda iştirak etməyə gəlmişdilər.

Xəbərlər

Başlıq AzTU-nun müəllimləri Polşa Texnologiya Universitetində iştirak etdilər.

Tarix 09.07.19

Baxış sayı 247

İyulun 9-da Azərbaycan Texniki Universiteti (AzTU) müəllimləri - dosent Fani Dəvudov, dosent Allahverdi Şerifov və baş müəllim Nəzi Zəhrabov "Nəqliyyat xidməti üçün bələdiyyə və risk müdaliyyəti" (CRENG) Erasmus KA2 layihəsi üzrə sərəfə ayın 9-20 tarixlərində Berlin Texniki Universitetində keçirilən təlimatda iştirak etməyə gəlmişdilər.

Xəbərlər

Başlıq AzTU-da ERASMUS+KA2 layihəsi çərçivəsində seminar keçirildi.

Tarix 09.02.20

Baxış sayı 272

Azərbaycan Texniki Universitetinin (AzTU) "Nəqliyyat xidməti üçün bələdiyyə və risk müdaliyyəti" (CRENG) Erasmus KA2 layihəsi çərçivəsində seminar keçirildi.

2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

Dissemination of the information about the project in mass media

Azerbaijan Technical University
CRENG "Crisis and Risks Engineering for Transport Services"

CRENG Website About News Documents Contact

News AzTU meeting

AzTU and 166 Global Logistics LLC Sign Cooperation Agreement

On September 24, Azerbaijan Technical University (AzTU) and 166 Global Logistics LLC signed a cooperation agreement.

Implementing the importance of the practical application of theoretical knowledge of the students, AzTU Rector, Professor Vilayət Vəliyev expressed complete satisfaction with the cooperation with 166 Global Logistics LLC.

The cooperation agreement between AzTU and 166 Global Logistics LLC, envisaging the launch of joint logistics and academic activities was drawn up in accordance with the current legislation and the charter of the parties.

The agreement envisages joint measures aimed at increasing development of scientific and technological innovations, personal development of young staff, support for startup projects implementation, training of specialists who master the application of modern technologies, provision of scholarships to distinguished students and other issues.



Azerbaijan Technical University
CRENG "Crisis and Risks Engineering for Transport Services"

CRENG Website About News Documents Contact

News AzTU meeting

Discussions on Work Progress of CRENG ERASMUS+ KA2 Project held at AzTU

On October 24, Azerbaijan Technical University (AzTU) held the next meeting with the Azerbaijan partners of the ERASMUS+ KA2 project "Crisis and Risks Engineering for Transport Services" (CRENG) to monitor the progress of the work.

Welcoming the guests, AzTU Vice-Rector for International Relations, Professor Sabina Musayeva noted the contribution of the project to Azerbaijan and spoke about the potential of this project as a necessary platform for the implementation of the Dual Diploma Program in the field of transport. The Vice Rector also briefed on the activities implemented by AzTU, as part of this project.

Project Manager Dr. Konrad Lewczak gave a comprehensive presentation on the project and provided answers to the questions raised by participants.

The questions posed by Head of the National ERASMUS office Zafar Huseynov relating to the progress and the existing problems of the project were answered by the project partners.

The representatives of AzTU, BEU and ATU reported on the recent activities and the work to be implemented within the project.

The meeting was attended by Head of the Department of the Ministry of Education of the Republic of Azerbaijan Yashar Osmanov, the representative of AzTU, BMU and ATU, Head of the National ERASMUS office Zafar Huseynov, and European Project Coordinator, representative of Warsaw University of Technology - Dora of the Faculty of Transportation, Professor Marziyana Isayeva and project manager Konrad Lewczak.



Azerbaijan Technical University
CRENG "Crisis and Risks Engineering for Transport Services"

CRENG Website About News Documents Contact

News Kick of meeting

NEO monitoring on CRENG at Baku Engineering University

On November 25, 2019 "Crisis and Risks Engineering for Transport Services" (CRENG) of Erasmus+ KA2 monitoring was held by National Erasmus+ Office (NEO) in Azerbaijan at Baku Engineering University (BEU) with the participation of the expert of Erasmus+ KA2 of European Union Mrs. Elen Enciso.

Mrs. Elen Enciso emphasized that European Union is interested in supporting the universities concerning Eastern Part countries participating actively on international projects and developing the collaboration with the universities of Europe and solving the arising challenges. Parviz Baghitov, the chief of NEO in Azerbaijan made a speech about the main goal of monitoring, and listened to the reports of collaborators who are the members of partner universities concerning CRENG.

The official of the Ministry of Education of the Republic of Azerbaijan also country coordinator of CRENG Yashar Omarov provided the guests with the information about the project and gave his advice.

Among the partner universities 3 collaborators on CRENG from Azerbaijan Technical University Assoc. Prof. Marziyya Aghayeva, Assoc. Prof. Allahverdi Sharifov, Senior teacher Nijat Zohrabov took part in the monitoring. Marziyya Aghayeva made a speech about the works done within the project and objective problems. At the same time, she underlined the implementation of double diploma according to Transport and Logistics which is the main goal of the CRENG project. It was emphasized that AzTU has a master's degree admission plan with at least 5 people on this specialization for the next academic year.



Azerbaijan Technical University
CRENG "Crisis and Risks Engineering for Transport Services"

CRENG Website About News Documents Contact

News Kick of meeting

Trainings regarding to CRENG at Warsaw University of Technology

From November 24, 2019 till December 4, 2019 the collaborators of Azerbaijan Technical University prof. Zeynal Karimov, Assoc. Prof. Foad Dababneh, Assoc. Prof. Mahammad Huseynov participated in the training regarding to Erasmus+ CRENG "Crisis and Risks Engineering for Transport Services" project which was held at Warsaw University of Technology.

In the training lasted 60 hours, in contemporary the laboratories arranged for transport specialists were demonstrated. It was held presentation about the content of subjects concerning the specialty of the Transport and Logistics.

At the end of training certificates were presented to the participants.



Azerbaijan Technical University
CRENG "Crisis and Risks Engineering for Transport Services"

CRENG Website About News Documents Contact

News Kick of meeting

AzTU's teachers participated in the training within CRENG at Henri de France University in France

On January 13-23, the teachers of Azerbaijan Technical University Assoc. Prof. Almaz Aliyeva, Assoc. Prof. Azad Babiyev and Associate Professor Alimov participated in the training in the framework of Erasmus+ KA2 project "Crisis and Risks Engineering for Transport Services" (CRENG) of Politechnique University of Henri-de-France.

The training provided guidance on the content of the courses to be taught in accordance with the project, the development of new materials and teaching materials in line with modern requirements. At the same time, the training focused on the risks that may arise in modern transport processes and modern methods of risk management.

The participants also discussed the creation of a CRENG laboratory at Partner Universities.

In the training lasted 60 hours, modern laboratories for transport specialists and presentations on the content of the disciplines taught within Transport Logistics were presented to the participants of the training.

At the end of the training certificates were awarded to all participants.



2. IMPACT AND SUSTAINABILITY

2.1. DISSEMINATION EVENTS-1

Signing of CRENG+ Agreement with academic and non-academic partners inside and outside the consortium

We have agreed to sign contracts with several companies in the labor market in this area. Although this has been delayed due to the pandemic, the contracts are about to be signed.

- 166 Global Logistics LLC
- State Automotive Transport Service

2. IMPACT AND SUSTAINABILITY

2.2. DISSEMINATION EVENTS-2

Table 2.2. DISSEMINATION EVENTS-2

No	Date	Title	Target Audience (list of target groups)	Number of participants	Is there a press-release of the event (YES/NO). If YES, provide it
1	19.06.2019	Presentation about project activities with EU countries	All interested AzTU staff	25	YES
2	08.07.2019	Workshop in AzTU all partners from Azerbaijan	Teams project CRENG from AzTU, ATU, BEU and academic staff	20	YES
3	24.09.2019	AzTU top management and non-academic partners were informed about CRENG project	All interested AzTU and staff from 166 Global Logistics LLC	25	YES
4	09.10.2019	Workshop in Azerbaijan Technical University	All interested AzTU	30	YES
5	15.10.2019	Dissemination for students Workshop in AzTU	Students faculty Transportation and logistics of AzTU	40	YES
6	24.12.2019	Info session for students faculty Transportation and Logistics about the CRENG project	Students faculty Transportation and logistics of AzTU	90	YES
7	25.12.2019	Presentation of the project for teachers at the Faculty	Teachers at the Faculty of Transportation Logistics	30	YES
8	10.02.2020	Presentation of the project for teachers at the Faculty	Academic staff at the faculty Transportation and logistics and all interested	22	YES

2. IMPACT AND SUSTAINABILITY

2.3. INDUSTRIAL PARTNERS

2.3. INDUSTRIAL PARTNERS

No	Question	Answer
1	Please, provide a list of non-academic partners and organizations outside the project, with which you maintain communication and which could be interested in hiring your graduates	List of non-academic partners and organizations: <ol style="list-style-type: none">166 Global Logistics LLCState Automotive Transport ServiceAbsheron Logistic Center
2	Please, provide information regarding the planned dissemination events for the interested in the project stakeholders, non-academic partners and organizations outside the project.	<p>➔ Inform us about the planned date of the next event. If the event has already taken place, send us its press release;</p> <p>➔ Send scans of bilateral agreements between university and farmers/research centers/ other non-academic partners;</p> <ul style="list-style-type: none">166 Global Logistics LLC (September 2019)Absheron Logistic Center (December 2019) <p>Scans of bilateral agreements with a non-academic partner is provided in the separate files:</p> <p>18M AzTU - Agreement with 166 Global Logistics LLC.pdf 18M AzTU - Agreement with Absheron Logistic Center.pdf</p>

3. QUALITY ASSURANCE

3.1. QUALITY ASSURANCE – MA Program CRENG

List of the Quality indicators with the help of which quality of the MA Program will be assessed:

- Adaptation of master program to the requirements of the labor demand.
- The role of program in personal competence
- Adaptation of courses in the curriculum to the curriculums at European universities
- The level of adaptation of education credits
- Level of adaptation of material and technical base and capacity building
- The level of deployment of information technologies
- Availability level of educational and methodical base
- Having cyclic external quality assurance process of syllabus, study programs, lecture materials.

3. QUALITY ASSURANCE

3.1. QUALITY ASSURANCE – MA Program CRENG

List of possible peer reviewers (name and position)

Ruslan İmamquliyev	Head of 166 Global Logistics LLC
Rauf Mammadov	Associate professor at the department of Mechanical Engineering of BEU
Bakhtiyar Namazov	Associate professor at the department of Mechanical Engineering of BEU
Allahverdi Sharifov	Associate professor at the department of department of Transport logistics and traffic safety of AzTU
Sadir Guliyev	Vice-dean of the faculty of Light industry and Logistics of UTECA

3. QUALITY ASSURANCE

3.2. QUALITY ASSURANCE – Courses -1

List of the Quality indicators with the help of which quality of the MA Program will be assessed:

- Adaptation of master program to the requirements of the labor demand.
- The role of program in personal competence
- Adaptation of courses in the curriculum to the curriculums at European universities
- The level of adaptation of education credits
- Level of adaptation of material and technical base and capacity building
- The level of deployment of information technologies
- Availability level of educational and methodical base
- Having cyclic external quality assurance process of syllabus, study programs, lecture materials.

3. QUALITY ASSURANCE

3.2. QUALITY ASSURANCE – Courses -2

Table 3.3.QUALITY ASSURANCE – Courses -2

Course №	Course title	Peerreviews (Name, position)
1	New technologies and big data for innovations in crisis and risk management + IT Security	1. Assoc. prof. Dr. Mehman Hasanov - Head of the department of Telecommunications and IT security of AzTU 2. Lala Piriyeva - Head of department quality assurance at the Office of Academic affairs
2	Risk and crisis forecast, Analysis and Reduction Methods and Tools	1. Prof. Dr. Ziyafət Kərimov – head of department of Automotive Engineering of AzTU 2. Elshan Manafov - Assoc. Prof. at the department of Exploitation of railway Transport of AzTU
3	Simulation of complex transport processes and systems that operate in conditions of risks	1. Azad Babayev – Assoc. Prof. at the department of Automotive engineering of AzTU 2. Lala Piriyeva - Head of department quality assurance at the Office of Academic affairs
4	Human Factors in Design & Operations	1. Bakhtiyar Namazov – Assoc. Prof. at the department of Mechanical Engineering of BEU 2. Ruslan İmamquliyev - Head of 166 Global Logistics LLC
5	Humanitarian logistics and transport services in disasters conditions	1. Assoc. prof. Dr. Zakay Shayev - Dean of the faculty of Transportation and Logistics 2. Allahverdi Sharifov – Assoc. prof. of the department of Transport logistics and traffic safety of AzTU
6	Informational-Analytic and Diagnostics for Sociotechnical System	1. Assoc. prof. Dr. Zəfər Cəfərov - head of department Information technology and programming of AzTU 2. Ali Khalilov - head of department IT of AzTU
7	Risk and crisis engineering of Transport systems	1. Assoc. prof. Dr. Razim Bayramov - head of the department of Transport logistics and traffic safety of AzTU 2. Nijat Zohrabov – lecturer at the department Exploitation of railway transport of AzTU
8	New challenges for crisis and risk management in logistics systems	1. Prof. Dr. Nizami Yusubov – Head of the department of Machine building technology 2. Lala Piriyeva - Head of department Quality assurance at the Office of Academic affairs
9	Supply chain management and networks	1. Qazanfar Axundov - lecturer at the department of Exploitation of railway transport of AzTU 2. Hacıyeva Gunay – Quality assurance expert of AzTU
10	Health, Safety & Environmental Management Systems	1. Ramiz Hasanli – Assoc. prof. at the department of metallurgy and metal science of AzTU 2. Rauf Mammadov – Assoc. prof. at the department of Mechanical Engineering of BEU
11	Project management and leadership in logistics and research, through open communication and team-working	1. Arastun Mammadov - dean of the faculty Mechanical engineering and robotics of AzTU 2. Sadir Guliyev - vice-dean of the faculty of Light industry and Logistics of UTECA
12	Research methods and professional development	1. Marziyya Aghayeva - head of Research and development department of AzTU 2. Lala Piriyeva - Head of department Quality assurance at the Office of Academic affairs
13	Carrier Managing, Soft skills for engineers, basics of technical creativity	1. Prof. Dr. Vaqif Qasimov - Head of department of Computer science and software engineering of AzTU 2. Aytac Rzayeva - Head of Center for Career

4. SOCIAL INCLUSION

4.1. SOCIAL INCLUSION

Involvement of people with fewer opportunities from AzTU in the project

There is no restrictions to receive education for people with disabilities in Azerbaijan. Government of Azerbaijan provides additional dedicated privileges as stimulus of education for this social group.

- Citizens of the country have a right to receive free (at state account) and paid (to be covered by individuals) education as per the valid rules. It should be noted that master courses at AzTU are mainly held in the evening hours which allow the students to work and maintain their work places. Same conditions shall be provided within the project framework.
- There is no discrimination for cultural diversity and ethnicity in the education system of Azerbaijan. Everyone has equal rights to receive education. Tuition for internally displaced people are refunded at state fund.
- 9 years education is compulsory in Azerbaijan. Students who are not willing to continue their education at high schools can choose to continue their education either at the colleges and/or vocational schools in Azerbaijan. Only after graduating colleges and/or vocational schools, students become eligible to receive higher education.
- The students with certain group of diseases are eligible to suspend their education as per valid rules with due provision of academic leave and return to universities upon recovery. For ex, students with tuberculous and mental issues can take advantage upon submission of reference from health care commissions.
- There is no applicable restrictions in education for students representing diverse cultures, race, gender, ethnicity and minorities as per the local legislation at AzTU.
- There are secondary education institutions in whole territory of Azerbaijan. There is no case which would restrict receiving education because of geographical location. All the citizens of the country are provided with necessary condition to receive education. They can receive education through competitions as per the local rules.

5. COMMUNICATION PROCESS, ADDITIONAL INFORMATION

Communication process between AzTU and all project participants is provided via:

- e-mail, WhatsApp, telephone and Skype.
- The communication is quick and efficient.
- No problems have been encountered.

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Communication process between AzTU and all project participants is provided via:

- e-mail, WhatsApp, telephone and Skype.
- The communication is quick and efficient.
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Thank you for you attention!



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