



Periodical Report
6 Months of project
implementation

Crisis and Risk Engineering for Transport Services

AZERBAIJAN TECHNICAL UNIVERSITY FACULTY OF TRANSPORT



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

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

Assoc. Prof. Marziya Aghayeva

Work plan



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

Approved:

Vice-Rector for International Affairs

Prof. Subhan Namazov

[Signature]
15.11.2019

WORK PLAN Erasmus + K2 "Crisis and Risks Engineering for Transport Services - CRENG"

for the first project year from 15.11.2018 to 15.11.2019

No	Activity	Timeline
1	Design and sign of Partnership Agreement	08.04.2019
2	Assignment of responsible persons as a workgroup of the project and its approval by the order of the rector	07.06.2019
3	Preparation of internal activity plan of the project	07.06.2019
4	Selecting departments and stakeholders involved in the project	13.02.2019
5	Developing dissemination plan for the first year of the project	17.06.2019
6	Creating a project page on the University website and regularly updating it	25.02.2019
7	Reporting in to the coordinator's request	throughout the year
8	The analysis of current curricula at AzTU	26.03.2019
9	Organization of mobility of participants of the coordination meeting in Warsaw Polytechnic (Poland)	11.01.2019-20.02.2019
10	Participation in the coordination meeting at the Warsaw Polytechnic University (Poland)	27.02.2019 – 28.02.2019
11	Conducting a seminar on presentation of the project for teachers and students at the Faculty of Transport	29.03.2019
12	Development of criteria for the choice of teachers-developers of disciplines	20.05.2019
13	Selection of teaching staff	31.05.2019
14	Conduction of meeting with teaching staff	03.06.2019
15	Organization of the mobility of the participants of the training at the Berlin Technical University	01.06.2019-10.07.2019
16	Report on the status of the project implementation at a coordination meeting at the Berlin Technical University	19.09.2019
17	Conducting workshops for the transfer of knowledge gained during the training	15.10.2019



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18	Registration Project documents by Ministry of Justice	01.11.2019
19	Development of documentation for the creation of the laboratory CRENG LAB and CRENG Service Office	10.07.2019
20	Development of documentation for the supply of equipment for CRENG LAB and CRENG Service Office from ECM (Germany)	November 2019
21	Conducting a survey of students regarding the level of awareness of CRENG project	November 2019
22	Obtaining equipment for CRENG LAB and CRENG Service Office from ECM (Germany)	November 2019
23	Adding equipment to University balance sheet	November 2019

Project Coordinator:

[Signature]

Prof. S.N. Namazov

Project Administrator:

[Signature]

Assoc. Prof. M.F. Aghayeva



Work group

No	Name, Surname,email	Position	Responsibility (WP, tasks according to the work plan)
1	Khalig Yahudov xaliq_yahudov@rambler.ru	Rector	WP2, WP3
2 co-ordinator	Subhan Namazov subhan.namazov@aztu.edu.az	Vice-Rector for International Relations	WP1, WP2, WP3, WP5
3	Marziya Aghayeva marziya.aghayeva@aztu.edu.az	Director of International Relations Department	WP1, WP2, WP3, WP4, WP5
4	Zakay Shayev zakaysha@aztu.edu.az	Head of Education Department	WP2, WP3
5	Afsar Dadashov 0702310102@mail.ru	Chief accountant	Finance
6	Elchin Rzayev elchin_rz@mail.ru	Head of the Department of Master and PhD Studies	WP2, WP3
7	Fazil Hasanov naqliyyatfa@aztu.edu.az	Dean of the Faculty of Transport	WP2, WP3, WP4
8	Razim Bayramov bprazim@gmail.com	Head of the Department of Automobile Transportation and Traffic Management	WP2, WP3, WP4
9	Ziyafat Karimov kerimov_z@yahoo.com	Head of Automobile Technology Department	WP2, WP3, WP4
10	Heybatulla Ahmadov heybet-ahmedov@mail.ru	Head of the Department of Railway Transport	WP2, WP3, WP4
11	Eldar Shahgaldiev ird.aztu@gmail.com	Head of the Projects and Exchange Programmes Office	WP1
12	Nargiz Gasimli ird.aztu@gmail.com	Specialist in Scientific and Academic Cooperation with Foreign Universities, International Relations Department	WP1, WP2, WP4
13	Fuad Dashdamirov dr.fuad@rambler.ru	Assoc. Prof. in the Department of Organization of Automobile Transportation and Road Traffic	WP2, WP4
14	Allahverdi Sharifov s.allahverdi@mail.ru	Assoc. Prof. in the Department of Organization of Automobile Transportation and Road Traffic	WP2, WP4
15	Nijat Zohrabov nidjatzoxrabov@mail.ru	Senior Teacher in the Department of Railway Transport	WP2, WP4
16	Kamran Makhmudov	MA Student, Faculty of Transport	WP2, WP4
17	Emin Eminli	BA Student, Faculty of Transport	WP2, WP4



Courses to update

Name of the course to be upgraded	Person/teacher/department/faculty responsible for the course upgrade	What has to be upgraded in the course?	Deadlines
060623 – Organization and Management of Automobile Transportation	Zakay Shayev Elchin Rzayev Fazil Hasanov Razim Bayramov Ziyafat Karimov Heybatulla Ahmadov Fuad Dashdamirov Allahverdi Sharifov Nijat Zohrabov	Educational Content; Students work load will be synchronized with ECTS	15.09.2019



Criteria for teacher selection for trainings

- Language proficiency
- Scientific title: PhD
- Relevant specialty
- Scientific achievements
- Teaching experience
- Curricula development experience
- English proficiency
- Age
- Interviewed teachers: 25
- Selected teachers: 3

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CRENG LAYİHƏSİNİN TREYİNİQİ ÜÇÜN İŞTİRAKÇILARIN SEÇİLMƏSİ ANKETİ

Adı, soyadı, atasının adı

E-mail adresi

İşlədiyi yeri
(təqdimat, məktəp, kafedra, fakültə göstərilməlidir)

Vəzifəsi

Elmi dərəcəsi və elmi adı
(dissertasiya işini müdafiə etdiyiniz təhsiləmə ali göstərilməlidir)

İngilis dilini bilmə səviyyəsi
(təqdimatlarından birini seçin)

Başlangıç Orta Orta-dən yüksək Yüksək




İngilis dilini bilməsi təsdiq edilən sertifikatı
(təqdimatlarından birini seçin)

Hə Yox

(sertifikatda göstərilmiş kəmi sertifikatın adı, alınma tarixi, dill biləcəyiniz səviyyəsi)

Yaşı
(təqdimatlarından birini seçin)

20 - 25 35 - 45
 25 - 35 45 - 65
 65-dən çox

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Sizin elmi və pedaqoji fəaliyyət istiqamətiniz layihənin istiqaməti ilə üst-üstə düşürmü? Hə Yox

Layihənin istiqamətinə uyğun dərc olunmuş son iki elmi və metodiki tədqiqatınız göstərin

Növbəti 3 il ərzində AzTU-da işləməyi planlaşdırırsınız? Hə Yox

Tədqiqat aparmaq istədiyiniz kursları seçin

No	Kursun adı	Seçdiyiniz kursun +++ ilə bərabərliyi
1	New technologies and big data for innovations in crisis and risk management + IT Security - 6 ECTS	
2	Risk and crisis forecast, Analysis and Reduction Methods and Tools - 10 ECTS	
3	Simulation of complex transport processes and systems that operate in conditions of risks - 10 ECTS incl. course work	
4	Human Factors in Design & Operations - 5 ECTS	
5	Humanitarian logistics and transport services in disasters conditions - 6 ECTS	
6	Informational-Analytic and Diagnostics for Sociotechnical System - 6 ECTS	
7	Risk and crisis engineering of Transport systems - 5 ECTS	
8	New challenges for crisis and risk management in logistics systems - 5 ECTS	
9	Supply chain management and networks - 5 ECTS	
10	Health, Safety & Environmental Management Systems - 6 ECTS	
11	Project management and leadership in logistics and research, through open communication and team-working - 5 ECTS	
12	Research methods and professional development - 5 ECTS	
13	Carrier Managing, Soft skills for engineer, basics of technical creativity - 3 ECTS	



Teacher that will develop new courses

1. Fuad Dashdamirov
2. Allahverdi Sharifov
3. Nijat Zohrabov



Equipment & Software

Equipment/Software	Name of the person(s) responsible for the equipment/software installation	Occupation of the responsible persons	Contact information of the responsible persons
Equipment purchase	Subhan Namazov	Vice-Rector for International Relations	subhan.namazov@aztu.edu.az
Equipment purchase	Marziya Aghayeva	Director of International Relations Department	marziya.aghayeva@aztu.edu.az
Software installation	Ali Khalilov	Head of the Department of Information and Communications Technology	ali.khalilov@aztu.edu.az



Dissemination plan

DISSEMINATION, SUSTAINABILITY AND EXPLOITATION STRATEGY/PLAN



Crisis and Risks Engineering for Transport Services /
CRENG

AZERBAIJAN TECHNICAL UNIVERSITY



INTRODUCTION

Azerbaijan Technical University will be disseminating the results of the project to multiple audiences, via different channels, at different intervals, etc. The aim of this dissemination strategy is to maximize the impact, visibility and credibility of the project. The objectives of the strategy are as follows:

- Sharing information about the project and publish its findings via both traditional media (e.g. press relation) and digital media (e.g. social media)
- Transfer knowledge to industry about changes in academic area - the creation of new training materials, educational resources and the new curricula.

2. DISSIMINATION STRATEGY 2.1 STRATEGY OF ACTIVITIES

The activities will address the following target groups and be organized following events:

- Event-based dissemination. Organizing annual dissemination workshops to inform and engage with the national academic communities.
- Web-based dissemination. Transmission of information on the progress and results of the project for posting on the site.
- Traditional dissemination. Producing the set of traditional promotional materials. Publishing major results in media.

2.2 COMPONENTS OF THE DISSEMINATION AND SUSTAINABILITY PLAN OF THE PROJECT

2.2.1 Target groups:

Specific audience (SA):

- Academic community - students, researchers, professors or other people involved in activities related to the project's topic and interested in following its development and outcomes);
- Industry, including stakeholders, experts or practitioners in the field (graduate engineers) and other interested parties;

- Decision-makers at local, regional, national level.

General audience (GA):

- All interested – persons, who may not have professional interests in the project, but that in terms of visibility result to be very important for the project.

2.2.2 Channels:

- Traditional channels: local, regional, national press and media, official website, official presentation, brochures etc.

- Modern channels, such as: social media such as: Facebook, Research Gate, Instagram informal information between collages at the university.

2.2.3 Activities:

- Facebook with content sharing: frequency according to the progress of the project.
- Publishing Articles by the University on the website of the University (minimum one article at the launch and one at the end of the project).
- Press release on important events of the project.

2.3 PLAN TO 2019/2020

September 2019

- Creating schedule of local sustainability activities and dissemination of the project results.
- Participation of teachers at the training who chosen by university.

October 2019

- Dissemination results of training at the appropriate departments.
- Advertising of trainings and their results in web pages of departments and university.

November-December 2019

- Holding appointments and seminars at university related with project.
- Printing of brochures, booklets and plotters with the aim of agitation.
- Discussion of project's progress with enterprises which interested in project.

January-February 2020

- Creating schedule of local sustainability activities and dissemination of the project results.
- Analysing results of agitation by workgroup.
- Analysing and confirmation curricula for study of discipline.

March-May 2020

- Holding appointments and seminars at university related with project.
- Monitoring of funds which highlighted for project.
- Analysing results of agitation by workgroup.

3. DISSIMINATION MATERIALS

All CRENG presentations have to use unified template and CRENG collars: red, grey and blue

**THIS DISCLAIER HAS TO BE PUT AT ALL PUBLISHED ELECTRONIC MATERIALS,
PRODUCED IN THE FRAMWORK OF CRENG PROJECT**



Schedule of dissemination events



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The schedule of dissemination events from 15.07.2019 till 15.12.2019

No	Event / activity	Timelines
1	Placing on the project webpage/ FB pages of AzTU and Faculty of Transport news about Training courses for attracting participants outside the consortium <ul style="list-style-type: none"> - Berlin Technical University - Warsaw University of Technology - Polytechnic University of Hauts-de-France 	15.07.2019 15.10.2019 15.11.2019
2	Conducting a seminar on sharing the experience gained during training with academic teacher, students of AzTU , representatives of academic/ non-academic organizations outside the consortium: <ul style="list-style-type: none"> - Berlin Technical University - Warsaw University of Technology 	15.10.2019 15.12.2019
3	Placing the article about training on project webpage <ul style="list-style-type: none"> - Berlin Technical University - Warsaw University of Technology 	01.10.2019 15.12.2019
4	Reporting of project coordinator on CRENG project results on annual events	According to schedule



Non-consortium organizations

No	Non-consortium organizations
1	Ministry of Transport, Communications and High Technologies
2	Ministry of Emergency Situations
3	State Road Transport Service



Implemented dissemination activities

aztu.edu.az/azp/international_rel/az/banner_menu/erasmus_creng.jsp

Ana Səhifə AzTU Log in

Azərbaycan Texniki Universiteti
Beynəlxalq Əlaqələr Departamenti

RU UA EN CH

Ana sahifə Haqqımızda Universitet Tədbirlər Xəbərlər Əlaqə Fotoqalereya Əcnəbi tələbələrin təhsili şöbəsi

Erasmus

CRENG “Crisis and Risks Engineering for Transport Services”

BEYNƏLXALQ ƏLAQƏLƏR DEPARTAMENTİ HAQQINDA

BEYNƏLXALQ LAVİHƏLƏR

QRANTLAR, TƏQAÜDLƏR, MÜSABİQƏLƏR

MÜBƏDİLƏ PROQRAMLARI

FƏXRİ DOKTOR VƏ PROFESSORLAR


BEYNƏLXALQ AKKREDITASIYA VƏ REYTING

TƏRƏFDAŞ UNİVERSİTETLƏR VƏ TƏSKİLATLAR

CRENG “Crisis and Risks Engineering for Transport Services”

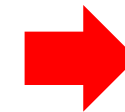
598218-EPP-1-2018-1-PL-EPPKA2-CBHE-JP

Project acronym: CRENG
Priority: Transport Services
Project duration: 15 November 2018 – 14 November 2021
Grant holder: Warsaw University of Technology, Poland
Coordinator and General Manager:
Prof. Marianna Jacyna, PhD, DSc, Dean of the Faculty of Transport
Contacts: tel: +48 22 234 73 11
e-mail: maja@wt.pw.edu.pl



Partnership:

- Berlin Technical University, Germany
- University of Valenciennes, France
- ECM Space technologies GmbH, Germany
- Pryazovskiy State Technical University, Ukraine
- Dnipropetrovsk National University of Railway Transport named after Academician V. Lazaryan, Ukraine
- State University of Infrastructure and Technologies, Ukraine
- The Ukrainian Railway (Ukrzaliznytsia), Ukraine
- Baku Engineering University, Azerbaijan
- Azerbaijan Technical University, Azerbaijan
- Azerbaijan Technological University, Azerbaijan
- Baku Transport Agency, Azerbaijan
- The Ministry of Education of the Republic of Azerbaijan, Azerbaijan



http://aztu.edu.az/azp/international_rel/az/banner_menu/erasmus_creng.jsp



Implemented dissemination activities

News

Title	Azerbaijan Technical University Launches New Project ERASMUS + KA2
Writer	admin@w
Date	05-03-19
Hit	6

Vice-rector of Azerbaijan Technical University (AzTU) Professor Sübhən Namazov, Director of International Relations Department, Associate Professor Marziya Aghayeva, Head of the department "Car transport and traffic management", Associate Professor Fikrət Dadaşzadə were on business trip in Poland on February 27-28, 2019 in order to participate in the first meeting of the project "Crises and Risk Engineering for Transport Service (CRENG)" ERASMUS + KA2, financed by the European Union and co-ordinator of the Polish University of Technology.

The project involves universities from 6 countries: Poland, Germany, France, Ukraine, Azerbaijan and Turkmenistan. Five partners from Azerbaijan are represented in the project implementation: Ministry of Education of the Republic of Azerbaijan, Azerbaijan Technical University, Baku Engineering University, Azerbaijan Technological University and Baku Transport Agency.

Speaking at the opening ceremony, Ambassador Extraordinary and Plenipotentiary of the Republic of Azerbaijan to the Republic of Poland, graduate of AzTU Hasan Həsənov noted that cooperation between Azerbaijan and Poland universities is a high perspective and he will support necessary assistance.

Different discussions were held on the issues related to the goals and objectives of the project, which will last for three years, partners' responsibility and role in the project, outcomes to be achieved at the end of the project, and organizational-management work. Representatives of partner organizations, as well as Director of International Relations Department, Associate Professor Marziya Aghayeva made a speech on the University she was representing, about the project and the work done in this field.

At the end of the meeting, at the initiative of Ambassador Extraordinary and Plenipotentiary of the Republic of Azerbaijan to the Republic of Poland Hasan Həsənov, the delegation visited the busts of two prominent military men in a park in Wrocław - Azerbaijani Vəli bəy Sadiq bəy oğlu Yədgərov and Polish Marcey Stefan Soltanowicz, and they were widely informed about their life.



AzTU haqqında
Struktur
Akademik təhsil
Sosial fəaliyyətlər
Elm və innovasiyalar
Beynəlxalq əlaqələr
E-Kitabxana
Əlaqə

Xəbərlər

Bildiriş

Xəbərlər

Xəbərlər

Title	AzTU-da ERASMUS+ "Nəqliyyat xidmətləri üzrə bəhrənə və risk mühəndisliyi" CRENG layihəsi çərçivəsində növbəti görüş keçirilib
Writer	admin@w
Date	09-07-19
Hit	76

İyulun 8-də Azərbaycan Texniki Universiteti (AzTU), Bakı Mühəndislik Universiteti və Azərbaycan Texnologiya Universitetinin müəssisələri birgə ERASMUS+ "Nəqliyyat xidmətləri üzrə bəhrənə və risk mühəndisliyi" CRENG layihəsi çərçivəsində magistratura səviyyəsində yeni tədris planının formalaşdırılması üçün AzTU-da növbəti görüş keçirilib.

Görüşdə AzTU-nun Beynəlxalq əlaqələr üzrə prorektoru, professor Sübhən Namazov görüşün məqsədi ilə bağlı məlumat verib və indiyədək layihə çərçivəsində görülmə işlərdən danışıb.

Müzakirələrdə zamanı magistratura səviyyəsində "Nəqliyyatda dəşməmələrin və idarəetmənin təşkili" ixtisası üzrə "Nəqliyyatın logistikası" ixtisaslaşmasında magistr hazırlığının həyata keçirilməsi qərarə alınıb.

Görüş zamanı tədris planında nəzərdə tutulan fənlər və onların məzmunu müzakirə edilərək ilkin razılıq əldə edilib.



Quality Assurance Plan/ Quality group

Name, Surname	Occupation	Organization	Contact info (email)
Khalig Yahudov	Rector	AzTU	xaliq_yahudov@rambler.ru
Subhan Namazov	Vice-Rector for International Relations	AzTU	subhan.namazov@aztu.edu.az
Marziya Aghayeva	Director of International Relations Department	AzTU	marziya.aghayeva@aztu.edu.az
Zakay Shayev	Head of Education Department	AzTU	zakaysha@aztu.edu.az
Elchin Rzayev	Head of the Department of Master and PhD Studies	AzTU	elchin_rz@mail.ru
Fazil Hasanov	Dean of the Faculty of Transport	AzTU	
Razim Bayramov	Head of the Department of Automobile Transportation and Traffic Management	AzTU	bprazim@gmail.com
Ziyafat Karimov	Head of Automobile Technology Department	AzTU	kerimov_z@yahoo.com
Heybatulla Ahmadov	Head of the Department of Railway Transport	AzTU	heybet-ahmedov@mail.ru
Yashar Omarov	Senior advisor in the Department of Science, Higher and Secondary Education	Ministry of Education of the Republic of Azerbaijan	Yashar.Omarov@edu.gov.az



Quality Assurance Plan



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Approved:
Vice-Rector for International Affairs
Prof. Subhan Namazov
[Signature]
15.02.2019

Quality Assurance Plan

Erasmus + K2 "Crisis and Risks Engineering for Transport Services - CRENG" for the period from 15.11.2018 to 15.11.2021

The plan is based on the overall CRENG Quality Assurance Strategy and the recommendations approved at the first coordination meeting to provide communication between the three components of the strategy: "target groups", "communication channels" and "activities"

Plan of measures to ensure the quality of project results

Nr	Measure	Period
1	Appointment of responsible persons for the working package "Ensuring the quality of project results"	30.04.2019
2	Creation of an internal expert group to assess the quality of project results.	15.05.2019
3	Development of the procedure, evaluation criteria and method for assessing the quality of project results (including the development of questionnaires, forms of quality monitoring reports) in the following areas: - the importance of project results - effectiveness of project implementation - achievements / results of the project - impact of project results - sustainability of project results - communication between the consortium members - dissemination of project results - project management	15.05.2019



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3	Conducting a workshop for the AzTU project working group on familiarization with the project quality assessment system	15.11.2019
4	Establishing a schedule for monitoring the quality of project implementation, which is synchronized with the schedule of project reporting (see schedule for monitoring project activities).	Every 6 months from the start of the project, 15.11.2018
5	Preparation of reports on monitoring the quality of project results, providing reports to the coordinator's request and make them open access for the project team.	Every 6 months from the start of the project, 15.11.2018

Plan of measures to ensure the quality of educational content

Nr	Measure	Period
1	Creation of an expert group for the assessment of the quality of educational content that is being developed or updated within the framework of the CRENG project	15.05.2020
2	Development of procedure, evaluation criteria and method for assessing the quality of educational content	15.01.2020
3	Conducting a workshop for content development tutors and a group of experts to get acquainted with: ➢ content quality assurance system adopted in the project; ➢ ECTS system; ➢ standards and guidelines for ensuring the quality of higher education	15.09.2019
4	Conducting an analysis of current curriculum content at AzTU: assessing the quality of existing content, compiling a list of disciplines that can be updated and incorporated into the CRENG Master's Program.	15.04.2019
5	Development of a plan for updating current educational content at AzTU in accordance with established quality criteria: appointment of responsible teachers, development of update schedule, approval of the reporting form.	15.05.2019
6	Establishing a schedule for monitoring the quality of educational content, synchronized with the schedule of updating current and developing new educational content.	According to the curriculum development schedule
7	Preparation of reports on the monitoring of the quality of educational content, reporting on the request of the coordinator and share the results with the project team.	According to the curriculum development schedule



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Schedule of Monitoring of Project Activities

Type of report	2019		2020		2021	
	The first half of the year	Second half	The first half of the year	Second half	The first half of the year	Second half
Periodic report based on internal audit reports	15.05	15.11	15.05	15.11	15.05	15.11
Monitoring of newly updated and developed curriculum			15.07			
Monitoring of pilot operation of CRENG SO					15.05	
Annual report		15.11		15.11		15.11
Interim report			15.05			
Final report						15.11

Project Coordinator: *[Signature]* Prof. S.N. Namazov

Project Administrator: *[Signature]* Assoc. Prof. M.F. Aghayeva



CRENG Service Office

Creation of CRENG Service Office is planned for October



Communication



E-MAIL
WHATSAPP
PHONE



Coordinator
PC universities
EU partners
Other project participants





Thank you for you attention!

Assoc. Prof. Marziya Aghayeva
Director of International Relations Department

marziya.aghayeva@aztu.edu.az
+994 12 539 13 48



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