



MINUTES and MAIN RESULTS of the MEETING

held on 02-05 March 2019 in **Kazakhstan, Almaty,
Almaty Technological University**

In this Meeting **54 representatives from 9 partners institutions** took part, including Bulgaria, Italy, Luxembourg, Portugal, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan. Among the official guests were the Consul General of the Republic of Uzbekistan in Almaty, His Excellency, Abror Fatkhullaev and representative of the National Erasmus+ office of Kazakhstan, Mrs. Gulmira Kuttybayeva.

Agenda of Day 1

02 July Tuesday	09:00 – 09:30	Hall 702 foyer Registration of the participants in the meeting
	09:30 – 09:40	WELCOME :-)
	09:40 – 10:00	OPENING CEREMONY Speaker: prof. Bauyrzhan Nurakhmetov – First Vice-rector of Almaty Technological University Speaker: Mrs. Gulmira Kuttybayeva – Representative of the Erasmus National office in Kazakhstan Speaker: Prof. Angel Smrikarov – Coordinator of HiEdTec
	10:00 – 10:20	Brief introduction of participants Speakers: each participant
	10:20 – 10:30	Presenting the Almaty Technological University Speaker: First Vice-rector, prof. Bauyrzhan Nurakhmetov
	10:30 – 10:45	Presenting the Evaluation of the First Project Meeting. Conclusions and recommendations! Speakers: Tzvetomir Vassilev, Angel Smrikarov
	10:45 – 11:00	Presenting the first monitoring results Speaker: Stoyanka Smrikarova
	11:00 – 11:30	Coffee Break - 702 foyer
	11:30 – 12:00	WP1.4: Presenting the Results of the survey and the Final version of Recommendations for Adapting the KAZAKHSTAN HE System to the Needs of the Digital Learners. Discussion. Speaker: Lyazat Uvakassova - representative of universities P2, P3, P4
	12:00 – 12:30	WP1.4: Presenting the Results of the survey and the Final version of Recommendations for Adapting the KYRGYZSTAN HE System to the Needs of the Digital Learners. Discussion. Speaker: Kanybek Duisheev - representative of universities P5, P6, P7
	12:30 – 13:00	WP1.4: Presenting the Results of the survey and the Final version of Recommendations for Adapting the TAJIKISTAN HE System to the Needs of the Digital Learners. Discussion. Speaker: Gulnora Anvarova - representative of universities P8, P9, P10
	13:00 – 14:00	Lunch Break – restaurant of ATU Zhaner
	14:00 – 14:30	WP1.4: Presenting the Results of the survey and the Final version of Recommendations for Adapting the TURKMENISTAN HE System to the Needs of the Digital Learners. Discussion. Speaker: Hydyrguly Kadyrov - representative of universities P11, P12, P13



	14:30 – 15:00	WP1.4: Presenting the Results of the survey and the Final version of Recommendations for Adapting the UZBEKISTAN HE System to the Needs of the Digital Learners. Discussion. Speaker: Aziz Bobojonov - representative of universities P14, P15, P16
	15:00 – 15:40	WP1.4: Working in groups (in partner countries) – Discussing the Final version of the Recommendations.
	15:40 – 16:00	Photo of the Project Meeting participants in front of the main building of the University
	16:00 – 17:00	Visit of the Almaty Technological University Visit to the Museum of the University
	19:30	Joint dinner: Restaurant “Zhaner D” ; Address: str. Baitursynov

Welcoming the meeting participants



The meetings started with a brief greeting concert – wonderful Kazakh melodies, songs and dances





Greeting to the participants were provided by:

**Prof. Bauyrzhan Nurakhmetov –
First Vice-rector of Almaty Technological University**



**Mrs. Gulmira Kuttybayeva –
representative of the Erasmus National office in Kazakhstan**



**His Excellency Abror Fatkhullaev –
the Consul General of the Republic of Uzbekistan in Almaty**





Prof. Angel Smrikarov –
Coordinator of HiEdTec



Brief introduction of participants



Prof. Bauyrzhan Nurakhmetov –
First Vice-rector,
presented the Almaty Technological University





Tzvetomir Vassilev, and Angel Smrikarov
presented the Evaluation of the First Project Meeting
and the conclusions and recommendations



Stoyanka Smrikarova presented the first monitoring results



Presenting the Results of the survey
and the Final version of Recommendations
for Adapting the KAZAKHSTAN HE System
to the Needs of the Digital Learners





Presenting the Results of the survey and the Final version of Recommendations for Adapting the KYRGYZSTAN HE System to the Needs of the Digital Learners



Presenting the Results of the survey and the Final version of Recommendations for Adapting the TAJIKISTAN HE System to the Needs of the Digital Learners.



Presenting the Results of the survey and the Final version of Recommendations for Adapting the TURKMENISTAN HE System to the Needs of the Digital Learners.





Presenting the Results of the survey
and the Final version of Recommendations
for Adapting the UZBEKISTAN HE System
to the Needs of the Digital Learners.



Working in groups (in partner countries) –
Discussing the Final version of the Recommendations





Summary of the discussions





The following has been decided in partner countries during the discussions

KAZAKHSTAN

1) Recommendations to the Ministry of education and science of the Republic of Kazakhstan to item 3:

3. In order to provide equal starting conditions for all universities in Kazakhstan to develop a mechanism of national subscription to the content management system and world-class training such as CANVAS (American MOOC platform and LMS Canvas)

2) Recommendations to heads of higher educational institutions to accept in the following edition:

2. To improve the skills of teaching staff at the national and international level in the field of innovative methods and technologies of training, distance learning, the use of cloud technologies. Organize training of teachers at the University in the following courses:

- Use of interactive presentation systems;
- Create internet connected, interactive and multimedia presentations for lectures and workshops;
- Implementation of distance learning in real time using interactive presentation systems, video conferences, virtual classrooms;
- Implementation of asynchronous distance learning at any time using electronic learning resources in text, graphic and video formats;
- Use and development of cloud technologies;
- Use of virtual and augmented reality;
- Create online e-learning courses;
- Work with applications for creating digital educational resources;
- Use of drones in teaching;
- Use of 3D printing in teaching;
- Methods for forecast analysis of quality of education on the basis of Big Data;
- Digital didactics in education and digital training models.

10. Develop blended learning and recognizing the results of informal learning (traditional + electronic) through:

- development of mechanisms for accounting and crediting and recognition of learning outcomes and alternative certification of students through MOOC-courses of the Republican open education platform of Kazakhstan and rating universities (TOP 600 according to QS or THE) and certification courses of IT-vendors of the world level;
- raising the status of teachers authors of MOOC, at the country-level demand.

11. Use innovative educational technologies to attract foreign students:

- improve the methodological and technical quality of MOOCs based on digital didactic models.
- use MOOCs as a means of mass content delivery, student recruitment and monetization of educational services.

14. Create the conditions to give the universities the status of innovative SMART-University.

KYRGYZSTAN

For the Ministry of Education and Science of the Kyrgyz Republic:

- Lifting limitations in Distance learning i.e. increasing number of courses, allowing students for online examinations



- Encouraging school students to cope with innovation to avoid further delays
- creation of a system to secure authors rights those who developed online courses, in order to avoid plagiarism
- creation of quality control system to keep track quality of video lectures and make sure to meet with standards

TAJKISTAN

The following additions were made to the Recommendations:

- Development of guidelines for the introduction and use of innovative educational technologies in different areas of study
- Equipping the common areas of universities with interactive information screens, which will provide basic information about the academic, educational and international processes at the university.
- Creation of virtual laboratories for engineering disciplines
- Creation of the “Evaluation form of innovation” page on the web pages of universities where students will be able to evaluate one or another lecture / course, thereby introducing a rating among teachers

TURKMENISTAN

The following additions were made to the Recommendations:

- For each discipline digitalization process must be considered separately. For example, for exact and natural sciences, humanitarian sciences should be in different concept.
- Assessments for using ICTs for instructors should be considered. Online courses, examinations should be taken from instructors.
- In order to improve motivation of instructors the additional staff costs should be considered according to preparation of digital education resources. For example, open video courses, textbooks, animations and etc.

UZBEKISTAN

The following additions were made to the Recommendations:

At the national level (Government and the Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan)

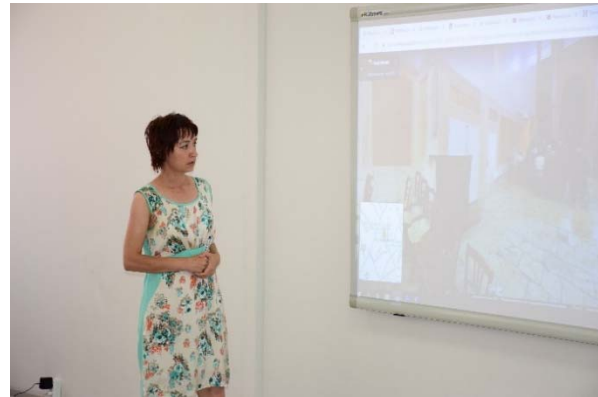
1. It is necessary to develop a regulatory framework for the adaptation of the system of higher education of the Republic of Uzbekistan to digital educational technologies;
2. It is necessary to introduce in training of the teaching staff of universities of the Republic of Uzbekistan developed the concept of digital learning technologies;
3. The overall coordination and implementation of the concept of digital educational technologies should be carried out by the Institute for the Development of Higher and Secondary Specialized Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan

At the regional level (higher educational institutions of Uzbekistan)

4. In all higher educational institutions of the Republic of Uzbekistan, an atmosphere of digital educational technologies should be created by equipping lecture and reading halls, classrooms and auditoriums, lobbies, corridors and other educational and auxiliary facilities of the university with modern means of innovative educational technologies;
5. Organization of quality management system in higher education institution in order to manage and coordinate of the effective implementation of digital educational technologies in universities.



Demonstration of e-Learning courses



Visit to the Museum of the University



Visit of the Almaty Technological University





Photo of the Project Meeting participants in front of the main building of the University



Joint dinner at the ATU university restaurant






Agenda of Day 2

03 July Wednesday	09:30 – 09:40	WP1.6: Inter-project coaching. Presenting the information about other projects in KAZAKHSTAN in the area of implementing innovative educational technologies approach Speaker: Nursulu Akhmetova - representative of universities P2, P3, P4
	09:40 – 09:50	WP1.6: Inter-project coaching. Presenting the information about other projects in KYRGYZSTAN in the area of implementing innovative educational technologies approach Speaker: Azat Zhamangulov - representative of universities P5, P6, P7
	09:50 – 10:00	WP1.6: Inter-project coaching. Presenting the information about other projects in TAJIKISTAN in the area of implementing innovative educational technologies approach Speaker: Akhror Jafarov - representative of universities P8, P9, P10
	10:00 – 10:10	WP1.6: Inter-project coaching. Presenting the information about other projects in TURKMENISTAN in the area of implementing innovative educational technologies approach Speaker: Bayram Jumayev- representative of universities P11, P12, P13
	10:10 – 10:20	WP1.6: Inter-project coaching. Presenting the information about other projects in UZBEKISTAN in the area of implementing innovative educational technologies approach Speaker: Aziz Bobojonov - representative of universities P14, P15, P16
	10:20 – 10:40	Presenting the Evaluation report on WP1 – Questionnaire, Compendium, Google Forms survey. Speaker: Tzvetomir Vassilev
	10:40 – 11:00	WP1.5: Presenting about creating sustainable academic network for sharing experience and exchange of good practices in the field of innovative educational technologies and didactic models Speakers: Tzvetomir Vassilev, Angel Smrikarov
	11:00 – 11:30	Coffee Break - 702 foyer
	11:30 – 12:00	WP2.1: Presenting the draft version of the Concept of adapting the education system to the digital Generation of KAZAKHSTAN. Discussion. Speaker: Zhanat Nurbekova - representative of universities P2, P3, P4
	12:00 – 12:30	WP2.1: Presenting the draft version of the Concept of adapting the education system to the digital Generation of KYRGYZSTAN. Discussion. Speaker: Mirlan Chynybaev - representative of universities P5, P6, P7
	12:30 – 13:00	WP2.1: Presenting the draft version of the Concept of adapting the education system to the digital Generation of TAJIKISTAN. Discussion. Speaker: Mamadamon Abdulloev - representative of universities P8, P9, P10
	13:00 – 14:00	Lunch Break – restaurant of ATU Zhaner
	14:00 – 14:30	WP2.1: Presenting the draft version of the Concept of adapting the education system to the digital Generation of TURKMENISTAN. Discussion. Speaker: Habib Halmamedov - representative of universities P11, P12, P13
	14:30 – 15:00	WP2.1: Presenting the draft version of the Concept of adapting



		the education system to the digital Generation of UZBEKISTAN. Discussion. Speaker: Rashid Nasimov - representative of universities P14, P15, P16
	15:00 – 15:40	WP2.1: Working in groups (in partner countries) – Discussion of the draft version of the Concept.
	15:40– 16:00	Discussion Discussion leader: Marco Porta, Angel Smrikarov
	16:00	Sightseeing 

Inter-project coaching.

Presenting the information about other projects in KAZAKHSTAN in the area of implementing innovative educational technologies approach



Inter-project coaching.

Presenting the information about other projects in KYRGYZSTAN in the area of implementing innovative educational technologies approach





Inter-project coaching.
Presenting the information about other projects in TAJIKISTAN
in the area of implementing innovative educational technologies approach



Inter-project coaching.
Presenting the information about other projects in TURKMENISTAN
in the area of implementing innovative educational technologies approach



Inter-project coaching.
Presenting the information about other projects in UZBEKISTAN
in the area of implementing innovative educational technologies approach





Presenting the Evaluation report on WP1 – Questionnaire, Compendium, Google Forms survey



Presenting about creating sustainable academic network for sharing experience and exchange of good practices in the field of innovative educational technologies and didactic models



Presenting the draft version of the Concept of adapting the education system to the digital Generation of KAZAKHSTAN





Presenting the draft version of the Concept of adapting the education system to the digital Generation of KYRGYZSTAN



Presenting the draft version of the Concept of adapting the education system to the digital Generation of TAJIKISTAN



Presenting the draft version of the Concept of adapting the education system to the digital Generation of TURKMENISTAN





Presenting the draft version of the Concept of adapting
the education system to the digital Generation of UZBEKISTAN



Working in groups (in partner countries) –
Discussion of the draft version of the Concept.





Discussions





The following has been decided in partner countries during the discussions

KAZAKHSTAN

Additions to the Concept:

1. Include the glossary of the new domain terms
2. Edit the "Goal" and "Introduction" sections of the Concept.
3. Enhance the training courses for educators in item 1.9 by topics: "Using new technologies as augmented and virtual realities", "Using drones in the learning process", "Using 3D printing for the development of didactic materials and experimental design samples", "Learning quality predictive analysis technique based on Big Data", "Digital didactics and digital learning models".
4. Change the items 4, 5 and 7 as follows:

4. DEVELOPING OF A BLENDED LEARNING AND ACCEPTANCE OUTCOMES OF INFORMAL TEACHING (traditional + e-learning) as the main mode of preparing specialists who possess the relevant skills required for successful functioning in the digital society.

- 4.1 Development the accounting and credit transfer mechanisms, acceptance educational outcomes and alternative certification through MOOC-courses of highly rated universities (Top 600 according to QS or THE) and certification courses for world-class IT vendors.
- 4.2 Raising the status of educator - author of MOOCs, highly-demanded at the country level.
- 5.12 Creating conditions for giving the status of INNOVATIVE SMART-UNIVERSITY to universities.
- 5.13 Creating a virtual university.

7. IMPLEMENTING INNOVATIVE EDUCATIONAL TECHNOLOGIES TO ATTRACT STUDENTS FROM ALL OVER THE WORLD:

- 7.1 Improving the methodological and technical qualities of MOOC based on digital didactic models.
- 7.2 MOOC - as a means of mass content delivery, a means of employment students and the monetization of learning services.
- 7.3 Develop a mechanism for a national subscription to a world-class content management and training system for providing equal conditions for all universities in Kazakhstan (for example, CANVAS (American MOOC platform and LMS Canvas)

KYRGYZSTAN

Recommend the Ministry of Education and Science of the Kyrgyz Republic:

- Give permission to use distance-learning technologies for full-time education;
- Remove the restriction on the number of students for correspondence courses;
- Remove the restriction on the mandatory presence of correspondence students in examinations;

Recommend to universities:

- Develop mixed forms of education (up to 50% for full-time education)
- Systematically improve the qualifications of teachers in modern educational technologies
- Implement tools to control and ensure the quality of e-learning materials
- Introduce copyright protection mechanisms for e-learning materials.



TAJKISTAN

Additions to the Concept:

THE DEVELOPMENT OF ELECTRONIC, MOBILE AND UNIVERSAL TRAINING:

- Creation of inter-university fund of digital educational resources.
- Creating a variety of learning applications that provide EVERYONE the opportunity to study at ANY time and ANY place with the help of ANY teacher, using ANY device - computer, laptop, tablet, smartphone, etc. for all types of gadgets.

USE OF INNOVATIVE EDUCATIONAL TECHNOLOGIES FOR ATTRACTING AND TRAINING STUDENTS FROM AROUND THE WORLD

- Openness of education to external demands;
- Application of design methods;
- Competitive identification and support of leaders who successfully implement new approaches in practice.

IMPLEMENTATION OF THE RESEARCH APPROACH TO EDUCATION

- Stimulation of scientific, technical and innovative activity.
- Formation of the regulatory and legal framework of innovation.
- Involvement of scientific and technological potential of the faculty in innovative processes.
- Effective use of scientific and technological developments and inventions.

TURKMENISTAN

Additions to the Concept:

1. It was made a decision to make some important corrections in terms of grammar, context issues. Basically it was related in order to escape the retranlations/repetitions in the context;
2. In the “Prerequisites” PART it was decided to mention the Education, Audiovisual and Culture Executive Agency at the European Commission published in 2018, one of which is directed to the “MODERNIZATION OF HIGHER EDUCATION THROUGH NEW EDUCATIONAL TECHNOLOGIES” in addition to local (Turkmenistan’s) prerequisites;
3. In item No 3 “Institutional development”: We added the statement “...by preserving the core role of teachers in course delivering”.
4. In item “Responsible units for the implementation of the action plan” we deleted the Ministry of Finance and Economy of Turkmenistan.

UZBEKISTAN

Additions to the Concept:

1. Development a regulatory framework for the adaptation of the system of higher education of the Republic of Uzbekistan to digital educational technologies.
2. In all higher educational institutions of the Republic of Uzbekistan, an atmosphere of digital educational technologies should be created by equipping lecture and reading halls, classrooms and auditoriums, lobbies, corridors and other educational and auxiliary facilities of the university with modern means of innovative educational technologies.



Agenda of Day 3

4 July Thursday	09:30 – 09:50	Presenting the Centre for innovative educational technologies in University of Ruse Speaker: Angel Smrikarov
	09:50 – 10:00	Presenting about the classrooms of the future Speaker: Tzvetomir Vassilev
	10:00 – 10:30	WP3.1: Establishing a Centre for Innovative Educational Technologies at each partner country university – Information about the level of implementation of this task by the three universities in KAZAKHSTAN. Speaker: Anastassiya Aliyassova - representative of universities P2, P3, P4
	10:30 – 11:00	WP3.1: Establishing a Centre for Innovative Educational Technologies at each partner country university – Information about the level of implementation of this task by the three universities in KYRGYZSTAN. Speaker: Mirlan Chynybaev - representative of universities P5, P6, P7
	11:00 – 11:30	Coffee Break - 702 foyer
	11:30 – 12:00	WP3.1: Establishing a Centre for Innovative Educational Technologies at each partner country university – Information about the level of implementation of this task by the three universities in TAJIKISTAN. Speaker: Anboz Davlatkadamov - representative of universities P8, P9, P10
	12:00 – 12:30	WP3.1: Establishing a Centre for Innovative Educational Technologies at each partner country university – Information about the level of implementation of this task by the three universities in TURKMENISTAN. Speaker: Rejepdurdy Agayev - representative of universities P11, P12, P13
	12:30 – 13:00	WP3.1: Establishing a Centre for Innovative Educational Technologies at each partner country university – Information about the level of implementation of this task by the three universities in UZBEKISTAN. Speaker: Sabirjan Yusupov - representative of universities P14, P15, P16
	13:00 – 14:00	Lunch Break – restaurant of ATU Zhaner
	14:00 – 14:20	WP3 – Future tasks. What we have to do before the next meeting in TASHKENT? Speakers: Angel Smrikarov, Tzvetomir Vassilev
	14:20 – 14:40	What should we be able to do to begin the digital transformation of education? Speaker: Angel Smrikarov
	14:40 – 15:00	Discussion Discussion leader: Angel Smrikarov, Tzvetomir Vassilev
	15:00	Meeting of the Rector of ATU, Prof. Talgat Kulazhanov, with the participants in the project
	19:30	Joint dinner: Restaurant “Marakanda” Address: str.S.Mukanov / Kazybek Bi



Presenting the Centre for innovative educational technologies in University of Ruse



Presenting about the classrooms of the future



Establishing a Centre for Innovative Educational Technologies at each partner country university – Information about the level of implementation of this task by the three universities in KAZAKHSTAN





Establishing a Centre for Innovative Educational Technologies
at each partner country university –
Information about the level of implementation of this task
by the three universities in KYRGYZSTAN



Establishing a Centre for Innovative Educational Technologies
at each partner country university –
Information about the level of implementation of this task
by the three universities in TAJIKISTAN



Establishing a Centre for Innovative Educational Technologies
at each partner country university –
Information about the level of implementation of this task
by the three universities in TURKMENISTAN





Establishing a Centre for Innovative Educational Technologies
at each partner country university –
Information about the level of implementation of this task
by the three universities in UZBEKISTAN



Future tasks.

What we have to do before the next meeting in TASHKENT?





Meeting
of the Rector of ATU, Prof. Talgat Kulazhanov,
with the participants in the project





Agenda of Day 4

05 July Friday	9:30 – 10:30	WP7 Project Management & Coordination Speaker: Stoyanka Smrikarova
	10:30 – 11:00	WP7 Individual work with the partners Speakers: Stoyanka Smrikarova, Yana Panteleeva
	11:00 – 11:30	Coffee Break - 702 foyer
	11:30 – 13:00	WP7 Individual work with the partners Speakers: Stoyanka Smrikarova, Yana Panteleeva
	13:00 – 14:00	Lunch Break - restaurant of ATU Zhaner
	14:00 – 14:20	3 rd project meeting plan Speaker: Angel Smrikarov Speakers: Sabirjan Yusupov, TUIT, P16 & Aziz Bobojonov, TSUE, P15
	14:20 – 14:40	Final discussion Speaker: Angel Smrikarov
	14:40 – 15:00	Closing time

Project Management & Coordination





3rd project meeting plan



Presenting TSUE





Presenting TUIT



Final discussion





In the end the partners agreed on the tasks to be performed till the end of July!

No	WP	Tasks
1	WP1.4.	Recommendations for Adapting the Kazak, Kyrgyz, Tajik, Turkmen and Uzbek HE Systems to the Needs of the Digital Learners – in English & Russian PUBLISHED on the project web site in Shared Documents
2.	WP1.6.	Final versions of Inter-project coaching in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan published on the project web site in Shared Documents
3.	WP2.2.	Virtual Discussion of the final version of the Kazak, Kyrgyz, Tajik, Turkmen and Uzbek concept by HiEdTec
4.	WP5	Everybody who participated in the second meeting to evaluate the second project meeting https://docs.google.com/forms/d/e/1FAIpQLSfQy8oAjfnBoDr1x7Er-p9NFexABaE4Vt2C3IIVbLrjGVCBw/viewform?usp=sf_link
5.	WP6.1.	Each university must make proposals for elaborating a sustainable development strategy to ensure the quality of the project. They should be based on their internal and external quality assurance procedures
6.	WP7.	Everybody who participated in the second meeting should report travel and subsistence costs by fill in Internal travel report and send copy of the all travel documents.
7.	WP7.	All partners should send Time sheets and Declarations, prepared according to the instructions, for everyone working for the project for the period from 01/12/2018 to 31/05/2019!