



Co-funded by
the European Union



Let's save our land for the future

Report of workshop “Dual Education in Kazakhstan: from concept to practice”, Toraighyrov University, Pavlodar, Kazakhstan April 21-25, 2024

agrokaz.kineuprojects.kz



Project acronym	AGROKAZ
Project full title	Development of bachelor program in agroecology with dual education in Kazakhstan
Project number	101082564
Funding scheme	ERASMUS Lump Sum Grants (ERASMUS-EDU-2022-CBHE-STRAND-2)
Project start date	01/02/2023
Project duration	3 years

TITLE OF DOCUMENT	Report of workshop "Dual Education in Kazakhstan: from concept to practice", Toraighyrov University, Pavlodar, Kazakhstan April 21-25, 2024
Work package	WP 4. Preparation for implementation of new bachelor and LLL programs
Task/Deliverable	T4.3 Organizations of workshops in Kazakhstan
Responsible Team members	Tatjana Brankov, University of Novi Sad, tatjana.brankov@ef.uns.ac.rs Viktor Kamkin, ToU, vikkamkin@gmail.com
Due date	05/05/2024
File name	T4.3.2 Organizations of workshops in Kazakhstan (ToU)
Number of pages	32
Dissemination level	PU

Abstract	This report is about workshop "Dual Education in Kazakhstan: from concept to practice" which was held at Toraighyrov University, Pavlodar, on April 21-25, 2024
-----------------	---

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Description	Responsible members
1.0	05/05/2024	First Draft	ToU
1.1	15/05/2024	Editing	KEnEU

DISCLAIMER

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.



Co-funded by
the European Union



Table of contents

Introduction

Agenda

List of participants

Dissemination materials

Appendix

Participant Feedback (Survey Results)



Introduction

The workshop "Dual Education in Kazakhstan: From Concept to practice" was organized by Toraighyrov University on April 21-25, 2024 in Pavlodar, Kazakhstan.

The program was created under supervising coordinator Tatjana Brankov as part of a two-week duration workshop in Kazakhstan.

Participants number 22 from partner organizations in Serbia, Croatia, Greece, and Kazakhstan.

On the first day, preparation for the meeting. Coordination of speeches and presentations according to the meeting's results in Almaty.

On the second day according to the program, the campus tour was organized and participants visited the Beisembaev Library, Archeology Museum, Entomology Museum, Laboratory of Plant Biotechnology, Laboratory of Livestock Biotechnology and Embrio Transportation, The Agroecology Laboratory. The participants met with the head of the local farm and discussed the problems and possibilities in local agriculture for vegetable crops. Then was the welcoming speech from the hosting university, rector Sadykov Erkin and head of International Office Karibaeva Ayganym greeted the guests. The representatives of foreign universities from the University of Novi Sad (Serbia), Josip Jurja Strossmayer University in Osijek (Croatia), and Democritus University of Thrace (Greece) provided presentations of their role in the project. By the end of the second day, there was a discussion of the structure of the MEP "Agroecology" from ToU.

The third day was devoted to the problems of developing competence and work skills in the Agroecology educational program, the organization of dual forms of education, and the scientific projects of the Department of Agrotechnology. The team of ToU presented their content of the disciplines of the MEP "Agroecology". After the presentation, the content of the MEP "Agroecology" courses from ToU was discussed. After lunch the workshop on the importance and benefits of lifelong learning (LLL) through the implementation of research projects in close cooperation with local farmers.

On the fourth day, participants visited Zamandas farm - the official partner of the project. There was an exhibition of the farm equipment and vehicles, that are used for no-till technology. A big discussion took place in the local hall about the history of implementation of the no-till methods and the benefits and problems of this approach. The new approach provided a stable harvest in any weather conditions. Conditional agrotechnology provides big harvests during favorable weather conditions but doesn't produce any yield at all during drought and other harmful weather events. The main problem with conditional agrotechnology is soil erosion and loss of fertility. Zamandas Farm is a leader and innovator for agroecology in the region and now transferred the knowledge around Kazakhstan and abroad.

On the fifth day participants finalized the results of the workshop and discussed the new technologies in dual education and the development of guidelines for dual training. Dual education is especially useful in agrotechnology with the students, who are already employed in the local farms and motivated to improve their practical skills and knowledge in the area.



Co-funded by
the European Union



Agenda

MINISTRY OF SCIENCE AND HIGHER EDUCATION
OF THE REPUBLIC OF KAZAKHSTAN
TORAIGHYROV UNIVERSITY

TORAIGHYROV UNIVERSITY Co-funded by the European Union GROKAZ

Workshop on the European Approach to Dual Education:
from concept to practice
AGENDA
Project number: 101082564

Pavlodar
April 21-25, 2024

Co-funded by the European Union GROKAZ

Workshop on the European Approach to Dual Education:
from concept to practice
AGENDA
Location: Toraighyrov University, 64 Lomov str, Pavlodar, Kazakhstan
Time: April 21-25, 2024

Teams: Meeting ID: <https://teams.live.com/join?meetingid=94696330320377p-UV4vD1e4JaGaQWDA>

DAY I April 21

Time 08:00-14:00, location, Hotel's meeting hole, Pavlodar	
08 00 – 13 00	Arrival of participants
13 00-14 00	Preparation for the meeting. Coordination speeches and presentations according to the meeting's results in Almaty

DAY II April 22

Time 10:00-19:00, location, Toraighyrov University, 64 Lomov str, Pavlodar	
10 00-10 30	Registration of participants in the ToU
10 30-12 00	University campus tour
12 00-13 00	Tour of the Faculty of Agricultural Sciences and scientific laboratories
13 00-14 00	Lunch
14 00-15 00	Meeting with heads of farms, practice bases and partner organizations
15 00-15 30	Meeting with the management of ToU
15 30-16 00	Coffee break
16 00-17 30	Discussion of the structure of the MEP "Agroecology" from ToU
18 00-19 00	Dinner

DAY III April 23

Time 10:00-19:00, location, Toraighyrov University, 64 Lomov str, Pavlodar	
10 00-11 30	Presentation of the content of the disciplines of the MEP "Agroecology" from ToU
11 30-12 00	Coffee break
12 00-13 00	Discussion of the content of the MEP "Agroecology" courses from ToU
13 00-14 00	Lunch
14 00-15 30	Workshop on the Importance and Benefits of Lifelong Learning
15 30-16 00	Coffee break
16 00-17 30	Discussion of the structure of research work and practice in MEP AE
18 00-19 00	Dinner

Project number: 101082564

DAY IV April 24

Time 8:00-19:00, location "Zamandas" peasant farm	
8 00	Departure from the ToU to the farm "Zamandas"
10 00-11 30	Excursion to the farm "Zamandas"
11 30-12 00	Coffee break
12 00-13 00	Best practices of the farm "Zamandas" in agroecology
13 00-14 00	Lunch
14 00-15 30	Organization of dual training and student assessment system
15 30-16 00	Coffee break
16 00-17 30	Discussion and harmonization of the organization of dual training
18 00-19 00	Dinner
19 00	Departure from the farm "Zamandas"

DAY V April 25

Time 10:00-19:00, location, Toraighyrov University, 64 Lomov str, Pavlodar	
08 30-09 30	New technologies in dual education
09 30-10 30	Discussion and development of guidelines for dual training

Contacts: Kamban Viktor, Toraighyrov University, Kazakhstan, +7 778 585 34 55, vikkamkin@gmail.com

Project number: 101082564



Co-funded by
the European Union



List of participants

Meeting:	Workshop "Dual Education in Kazakhstan: from concept to practice"	
Date:	April 21, 2024	
Location:	Pavlodar, Kazakhstan	

By participating and being present during the event, you give the [organisation's name] the right to use photographs or video/audio recordings taken of you during the event for educational or promotional purposes and for sharing with external news media.

Full name	Organization	Signature
Prof. Tatjana Brankov AgroKaz project coordinator	University of Novi Sad, Serbia	<i>T. Brankov</i>
Full Prof. Maja Manojlović	University of Novi Sad, Serbia	<i>M. Manojlović</i>
PhD, Krunoslav Zmaić, full professor, dean	Josip Jurja Strossmayer University In Osijek, Croatia	<i>K. Zmaić</i>
PhD, Andriana Rebekić, full professor, vice dean for Education	Josip Jurja Strossmayer University In Osijek, Croatia	<i>A. Rebekić</i>
PhD, Tihana Sudarić, full professor	Josip Jurja Strossmayer University In Osijek, Croatia	<i>T. Sudarić</i>
Kholina Elena Petrovna, head of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>E. Petrovna</i>
Subbotina Elena Ivanovna, chief specialist of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>E. Subbotina</i>
Dzhabasova Zhanat Galimzhanovna, Head of the Center for International Cooperation and Project Implementation	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>Z. Galimzhanovna</i>
PhD, senior researcher Rysbekova Alua,	Kazakh Research Institute of Plant Protection and Quarantine, Kazakhstan	<i>A. Rysbekova</i>
Alibek Usmanov Deputy Chairman of the Board	Kazakh Research Institute of Plant Protection and Quarantine named after Zh. Zhiembayev, Kazakhstan	<i>A. Usmanov</i>
PhD Konstantinos Galanopoulos, full professor	Democritus University of Thrace, Greece	<i>K. Galanopoulos</i>
PhD Spyridon Koutroumpas, full professor	Democritus University of Thrace, Greece	<i>S. Koutroumpas</i>
Gulsim Aitkhozhayeva, Candidate of Biological Sciences, Senior Researcher	Kazakh National Agrarian Research University, Kazakhstan	<i>G. Aitkhozhayeva</i>
Zhanar Sagidoldina, Candidate of Biological Sciences, Associate Professor	Kazakh National Agrarian Research University, Kazakhstan	<i>Z. Sagidoldina</i>
Gulzada Itkeeva, master's degree	Kazakh National Agrarian Research University, Kazakhstan	<i>G. Itkeeva</i>
Tulkibaeva Saniya, scientific secretary	Agricultural experimental station "Zarechnoye", Kazakhstan	<i>S. Tulkibaeva</i>

Project number: 101082564



Co-funded by
the European Union



Candidate of Biological Sciences, prof. Kamkin Viktor Aleksandrovich	Toraigrov University (ToU), Kazakhstan	<i>V. Kamkin</i>
Candidate of Agricultural Sciences, head of Agrotechnology department Uakhitov Zhashtek Zhumabaevich,	Toraigrov University (ToU), Kazakhstan	<i>Z. Uakhitov</i>
PhD, Deputy Dean for Academic Affairs Mustafava Nazymgul Bolazhanovna	Toraigrov University (ToU), Kazakhstan	<i>N. Bolazhanovna</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kazakhstan Shalabayev Baurzhan Ailyshovich	Toraigrov University (ToU), Kazakhstan	<i>B. Shalabayev</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kakezhanova Zibagul Ermuratovna	Toraigrov University (ToU), Kazakhstan	<i>Z. Kakezhanova</i>
Master of Science, senior lecturer Toraigrov University (ToU), Ermakova Oksana Anatolyevna	Toraigrov University (ToU), Kazakhstan	<i>O. Ermakova</i>



Co-funded by
the European Union



Co-funded by
the European Union



Meeting:	Workshop "Dual Education in Kazakhstan: from concept to practice"
Date:	April 22, 2024
Location:	Pavlodar, Kazakhstan

By participating and being present during the event, you give the [organisation's name] the right to use photographs or video/audio recordings taken of you during the event for educational or promotional purposes and for sharing with external news media.

Full name	Organization	Signature
Prof. Tatjana Brankov AgroKaz project coordinator	University of Novi Sad, Serbia	<i>Tatjana Brankov</i>
Full Prof. Maja Manojlović	University of Novi Sad, Serbia	<i>Maja Manojlović</i>
PhD. Krunoslav Zmaić, full professor, dean	Josip Jurja Strossmayer University In Osijek, Croatia	<i>Krunoslav Zmaić</i>
PhD. Andriana Rebekić, full professor, vice dean for Education	Josip Jurja Strossmayer University In Osijek, Croatia	<i>Andriana Rebekić</i>
PhD. Tihana Sudarić, full professor	Josip Jurja Strossmayer University In Osijek, Croatia	<i>Tihana Sudarić</i>
Kholina Elena Petrovna, head of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KEnEU), Kazakhstan	<i>Elena Petrovna</i>
Subbotina Elena Ivanovna, chief specialist of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KEnEU), Kazakhstan	<i>Elena Ivanovna</i>
Dzhabasova Zhanat Galimzhanovna, Head of the Center for International Cooperation and Project Implementation	Kostanay Engineering and Economic University named after M. Dulatov (KEnEU), Kazakhstan	<i>Zhanat Galimzhanovna</i>
PhD, senior researcher Rysbekova Alua,	Kazakh Research Institute of Plant Protection and Quarantine, Kazakhstan	<i>Rysbekova Alua</i>
Alibek Uspanov Deputy Chairman of the Board	Kazakh Research Institute of Plant Protection and Quarantine named after Zh. Zhiembayev, Kazakhstan	<i>Alibek Uspanov</i>
PhD Konstantinos Galanopoulos, full professor	Democritus University of Thrace, Greece	<i>Konstantinos Galanopoulos</i>
PhD Spyridon Koutroumpas, full professor	Democritus University of Thrace, Greece	<i>Spyridon Koutroumpas</i>
Gulsim Aitkhozhayeva, Candidate of Biological Sciences, Senior Researcher	Kazakh National Agrarian Research University, Kazakhstan	<i>Gulsim Aitkhozhayeva</i>
Zhanar Sagidoldina, Candidate of Biological Sciences, Associate Professor	Kazakh National Agrarian Research University, Kazakhstan	<i>Zhanar Sagidoldina</i>
Gulzada Itkeeva, master's degree	Kazakh National Agrarian Research University, Kazakhstan	<i>Gulzada Itkeeva</i>
Tulkubaeva Saniya, scientific secretary	Agricultural experimental station "Zarechnoye", Kazakhstan	<i>Tulkubaeva Saniya</i>

Project number: 101082564

Co-funded by
the European Union



Candidate of Biological Sciences, prof. Kamkin Viktor Aleksandrovich	Toraigrov University (ToU), Kazakhstan	<i>Kamkin Viktor</i>
Candidate of Agricultural Sciences, head of Agrotechnology department Uakhtov Zhashtek Zhumabaevich,	Toraigrov University (ToU), Kazakhstan	<i>Zhashtek Zhumabaevich</i>
PhD, Deputy Dean for Academic Affairs Mustafayeva Nazymgul Bolatshanova	Toraigrov University (ToU), Kazakhstan	<i>Nazymgul Bolatshanova</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kazakhstan Shalabayev Baurzhan Aljysbaevich	Toraigrov University (ToU), Kazakhstan	<i>Baurzhan Aljysbaevich</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kakezhanova Zibagul Ermuratovna	Toraigrov University (ToU), Kazakhstan	<i>Zibagul Ermuratovna</i>
Master of Science, senior lecturer Toraigrov University (ToU), Ermakova Oksana Anatolyevna	Toraigrov University (ToU), Kazakhstan	<i>Oksana Anatolyevna</i>

Project number: 101082564

Co-funded by
the European Union



Meeting:	Workshop "Dual Education in Kazakhstan: from concept to practice"
Date:	April 23, 2024
Location:	Pavlodar, Kazakhstan

By participating and being present during the event, you give the [organisation's name] the right to use photographs or video/audio recordings taken of you during the event for educational or promotional purposes and for sharing with external news media.

Full name	Organization	Signature
Prof. Tatjana Brankov AgroKaz project coordinator	University of Novi Sad, Serbia	<i>Tatjana Brankov</i>
Full Prof. Maja Manojlović	University of Novi Sad, Serbia	<i>Maja Manojlović</i>
PhD. Krunoslav Zmaić, full professor, dean	Josip Jurja Strossmayer University In Osijek, Croatia	<i>Krunoslav Zmaić</i>
PhD. Andriana Rebekić, full professor, vice dean for Education	Josip Jurja Strossmayer University In Osijek, Croatia	<i>Andriana Rebekić</i>
PhD. Tihana Sudarić, full professor	Josip Jurja Strossmayer University In Osijek, Croatia	<i>Tihana Sudarić</i>
Kholina Elena Petrovna, head of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KEnEU), Kazakhstan	<i>Elena Petrovna</i>
Subbotina Elena Ivanovna, chief specialist of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KEnEU), Kazakhstan	<i>Elena Ivanovna</i>
Dzhabasova Zhanat Galimzhanovna, Head of the Center for International Cooperation and Project Implementation	Kostanay Engineering and Economic University named after M. Dulatov (KEnEU), Kazakhstan	<i>Zhanat Galimzhanovna</i>
PhD, senior researcher Rysbekova Alua,	Kazakh Research Institute of Plant Protection and Quarantine, Kazakhstan	<i>Rysbekova Alua</i>
Alibek Uspanov Deputy Chairman of the Board	Kazakh Research Institute of Plant Protection and Quarantine named after Zh. Zhiembayev, Kazakhstan	<i>Alibek Uspanov</i>
PhD Konstantinos Galanopoulos, full professor	Democritus University of Thrace, Greece	<i>Konstantinos Galanopoulos</i>
PhD Spyridon Koutroumpas, full professor	Democritus University of Thrace, Greece	<i>Spyridon Koutroumpas</i>
Gulsim Aitkhozhayeva, Candidate of Biological Sciences, Senior Researcher	Kazakh National Agrarian Research University, Kazakhstan	<i>Gulsim Aitkhozhayeva</i>
Zhanar Sagidoldina, Candidate of Biological Sciences, Associate Professor	Kazakh National Agrarian Research University, Kazakhstan	<i>Zhanar Sagidoldina</i>
Gulzada Itkeeva, master's degree	Kazakh National Agrarian Research University, Kazakhstan	<i>Gulzada Itkeeva</i>
Tulkubaeva Saniya, scientific secretary	Agricultural experimental station "Zarechnoye", Kazakhstan	<i>Tulkubaeva Saniya</i>

Project number: 101082564

Co-funded by
the European Union



Candidate of Biological Sciences, prof. Kamkin Viktor Aleksandrovich	Toraigrov University (ToU), Kazakhstan	<i>Kamkin Viktor</i>
Candidate of Agricultural Sciences, head of Agrotechnology department Uakhtov Zhashtek Zhumabaevich,	Toraigrov University (ToU), Kazakhstan	<i>Zhashtek Zhumabaevich</i>
PhD, Deputy Dean for Academic Affairs Mustafayeva Nazymgul Bolatshanova	Toraigrov University (ToU), Kazakhstan	<i>Nazymgul Bolatshanova</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kazakhstan Shalabayev Baurzhan Aljysbaevich	Toraigrov University (ToU), Kazakhstan	<i>Baurzhan Aljysbaevich</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kakezhanova Zibagul Ermuratovna	Toraigrov University (ToU), Kazakhstan	<i>Zibagul Ermuratovna</i>
Master of Science, senior lecturer Toraigrov University (ToU), Ermakova Oksana Anatolyevna	Toraigrov University (ToU), Kazakhstan	<i>Oksana Anatolyevna</i>

Project number: 101082564



Co-funded by
the European Union



Co-funded by
the European Union



Meeting:	Workshop "Dual Education in Kazakhstan: from concept to practice"
Date:	April 24, 2024
Location:	Pavlodar, Kazakhstan

By participating and being present during the event, you give the [organisation's name] the right to use photographs or video/audio recordings taken of you during the event for educational or promotional purposes and for sharing with external news media.

Full name	Organization	Signature
Prof. Tatjana Brankov AgroKaz project coordinator	University of Novi Sad, Serbia	<i>Tatjana Brankov</i>
Full Prof. Maja Manojlović	University of Novi Sad, Serbia	<i>M. Manojlović</i>
PhD. Krunoslav Zmaić, full professor, dean	Josip Jurja Strossmayer University In Osijek, Croatia	
PhD. Andrijana Rebekić, full professor, vice dean for Education	Josip Jurja Strossmayer University In Osijek, Croatia	
PhD. Tihana Sudarić, full professor	Josip Jurja Strossmayer University In Osijek, Croatia	
Kholina Elena Petrovna, head of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>Kholina</i>
Subbotina Elena Ivanovna, chief specialist of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>Subbotina</i>
Dzhabasova Zhanat Galimzhanovna, Head of the Center for International Cooperation and Project Implementation	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>Dzhabasova</i>
PhD, senior researcher Rysbekova Alua,	Kazakh Research Institute of Plant Protection and Quarantine, Kazakhstan	<i>Rysbekova</i>
Alibek Uspanov Deputy Chairman of the Board	Kazakh Research Institute of Plant Protection and Quarantine named after Zh. Zhiembayev, Kazakhstan	<i>Alibek</i>
PhD Konstantinos Galanopoulos, full professor	Democritus University of Thrace, Greece	<i>Konstantinos</i>
PhD Spyridon Koutroumpas, full professor	Democritus University of Thrace, Greece	<i>Spyridon</i>
Gulsim Aikhozhayeva, Candidate of Biological Sciences, Senior Researcher	Kazakh National Agrarian Research University, Kazakhstan	<i>Gulsim</i>
Zhanar Sagdoldina, Candidate of Biological Sciences, Associate Professor	Kazakh National Agrarian Research University, Kazakhstan	<i>Zhanar</i>
Gulzada Itekeeva, master's degree	Kazakh National Agrarian Research University, Kazakhstan	<i>Gulzada</i>
Talkubayeva Saniya, scientific secretary	Agricultural experimental station "Zarechnoye", Kazakhstan	<i>Talkubayeva</i>

Project number: 101082564



Co-funded by
the European Union



Candidate of Biological Sciences, prof. Kamkin Viktor Aleksandrovich	Toraigrov University (ToU), Kazakhstan	<i>Kamkin</i>
Candidate of Agricultural Sciences, head of Agrotechnology department Uakhtov Zhaslek Zhamabayevich,	Toraigrov University (ToU), Kazakhstan	<i>Zhaslek</i>
PhD, Deputy Dean for Academic Affairs Mustafayeva Nazymgul Bolatzhannovna	Toraigrov University (ToU), Kazakhstan	<i>Nazymgul</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kazakhstan Shalabayev Baurzhan Alpyshbayevich	Toraigrov University (ToU), Kazakhstan	<i>Baurzhan</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kakezhanova Zibagul Ermuratovna	Toraigrov University (ToU), Kazakhstan	<i>Zibagul</i>
Master of Science, senior lecturer Toraigrov University (ToU), Ermakova Oksana Anatolyevna	Toraigrov University (ToU), Kazakhstan	<i>Oksana</i>

Project number: 101082564



Co-funded by
the European Union



Meeting:	Workshop "Dual Education in Kazakhstan: from concept to practice"
Date:	April 25, 2024
Location:	Pavlodar, Kazakhstan

By participating and being present during the event, you give the [organisation's name] the right to use photographs or video/audio recordings taken of you during the event for educational or promotional purposes and for sharing with external news media.

Full name	Organization	Signature
Prof. Tatjana Brankov AgroKaz project coordinator	University of Novi Sad, Serbia	<i>Tatjana Brankov</i>
Full Prof. Maja Manojlović	University of Novi Sad, Serbia	<i>M. Manojlović</i>
PhD. Krunoslav Zmaić, full professor, dean	Josip Jurja Strossmayer University In Osijek, Croatia	
PhD. Andrijana Rebekić, full professor, vice dean for Education	Josip Jurja Strossmayer University In Osijek, Croatia	
PhD. Tihana Sudarić, full professor	Josip Jurja Strossmayer University In Osijek, Croatia	
Kholina Elena Petrovna, head of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>Kholina</i>
Subbotina Elena Ivanovna, chief specialist of the department of planning and organization of the educational process	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>Subbotina</i>
Dzhabasova Zhanat Galimzhanovna, Head of the Center for International Cooperation and Project Implementation	Kostanay Engineering and Economic University named after M. Dulatov (KENEU), Kazakhstan	<i>Dzhabasova</i>
PhD, senior researcher Rysbekova Alua,	Kazakh Research Institute of Plant Protection and Quarantine, Kazakhstan	<i>Rysbekova</i>
Alibek Uspanov Deputy Chairman of the Board	Kazakh Research Institute of Plant Protection and Quarantine named after Zh. Zhiembayev, Kazakhstan	<i>Alibek</i>
PhD Konstantinos Galanopoulos, full professor	Democritus University of Thrace, Greece	<i>Konstantinos</i>
PhD Spyridon Koutroumpas, full professor	Democritus University of Thrace, Greece	<i>Spyridon</i>
Gulsim Aikhozhayeva, Candidate of Biological Sciences, Senior Researcher	Kazakh National Agrarian Research University, Kazakhstan	<i>Gulsim</i>
Zhanar Sagdoldina, Candidate of Biological Sciences, Associate Professor	Kazakh National Agrarian Research University, Kazakhstan	<i>Zhanar</i>
Gulzada Itekeeva, master's degree	Kazakh National Agrarian Research University, Kazakhstan	<i>Gulzada</i>
Talkubayeva Saniya, scientific secretary	Agricultural experimental station "Zarechnoye", Kazakhstan	<i>Talkubayeva</i>

Project number: 101082564



Co-funded by
the European Union



Candidate of Biological Sciences, prof. Kamkin Viktor Aleksandrovich	Toraigrov University (ToU), Kazakhstan	<i>Kamkin</i>
Candidate of Agricultural Sciences, head of Agrotechnology department Uakhtov Zhaslek Zhamabayevich,	Toraigrov University (ToU), Kazakhstan	<i>Zhaslek</i>
PhD, Deputy Dean for Academic Affairs Mustafayeva Nazymgul Bolatzhannovna	Toraigrov University (ToU), Kazakhstan	<i>Nazymgul</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kazakhstan Shalabayev Baurzhan Alpyshbayevich	Toraigrov University (ToU), Kazakhstan	<i>Baurzhan</i>
Master of Science, senior lecturer Toraigrov University (ToU), Kakezhanova Zibagul Ermuratovna	Toraigrov University (ToU), Kazakhstan	<i>Zibagul</i>
Master of Science, senior lecturer Toraigrov University (ToU), Ermakova Oksana Anatolyevna	Toraigrov University (ToU), Kazakhstan	<i>Oksana</i>

Project number: 101082564



Co-funded by
the European Union



Dissemination materials



DEVELOPMENT OF BACHELOR PROGRAM IN AGROECOLOGY
WITH DUAL EDUCATION IN KAZAKHSTAN

Let's save our land for the future

Capacity
building in
higher education



DEVELOPMENT OF BACHELOR PROGRAM IN AGROECOLOGY WITH DUAL EDUCATION IN KAZAKHSTAN

The main goal of the project is to reduce the gap in the structure, volume and quality of labour resources from the real requirements of specific farms/enterprises and to educate professionals with competencies related to modern technologies.

Wider Objectives
The project's main objective is to develop the bachelor program in AE with DE in Kazakhstan to contribute to regional development, the improvement of the competitiveness of the agricultural sector, sustainable agroecology policy and practices, increase in innovation capacities, smart specialization strategies and support the development of lifelong learning culture using digital technologies.

Innovative Learning Environment
New educational program
New accredited/certified laboratory
Training of academic teachers in AE

The project aims to develop and implement the sustainable dual study undergraduate program in Agroecology at three universities in Kazakhstan as well as to establish lifelong courses for professionals.

Specific Objectives

- to analyse and synthesize the similarities and differences between various courses related to agroecology in Kazakhstan and best practices (programs) in DE and AE in Serbia, Greece and Croatia.
- to define desirable learning outcomes and competencies of experts on agroecology.
- to develop the new curriculum (program, syllabi of all the courses and the modules, and ECTS) consisting of 21 updated existing courses and 24 new courses at 3 HEIs in Kazakhstan.
- to fulfil all the necessary conditions for the implementation of the new program in agroecology at 3 HEIs.

Consortium
UE: 3 universities
KZ: 3 universities; 2 research partners; 6 associated partners

Erasmus+ CBHE
Project No: 101082564
Project coordinator: University Novi Sad <https://agrokaz.kineuprojects.kz/>

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



Co-funded by
the European Union



Also, as a dissemination channel we used the social media and web-page of project:

Facebook: <https://www.facebook.com/share/rzBM1wzWhXe4NPr7/?mibextid=WC7FNe>

Instagram: https://www.instagram.com/agrokaz__?igsh=and5b243Ynd4andw

Web-page: <https://agrokaz.kineuprojects.kz/главная/>



Co-funded by
the European Union



Appendix





Co-funded by
the European Union





Co-funded by
the European Union





Co-funded by
the European Union





Co-funded by
the European Union





Participant Feedback (Survey Results)

For getting feedback Ms.Tihana Sudaric developed a survey questionnaire for participants, below you can see it.

EVALUATION FORM

Dual Education in Kazakhstan: from concept to practice

Location: Kazakh National Agrarian Research University, ALMATY

Time: April 15-19, 2024

1. Please rate the overall satisfaction with the event. (1 - very low, 5 - very high)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5

2. Did the event meet your expectations? (1 - not at all, 5 - to the great extent)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5

3. What were the positive aspects of the event? Please explain

4. What were the negative aspects of the event? Please explain.



5. What would you recommend to organizers for the future events of this type?

6. Please evaluate overall quality of the organization. (1 - very low, 5 - very high)

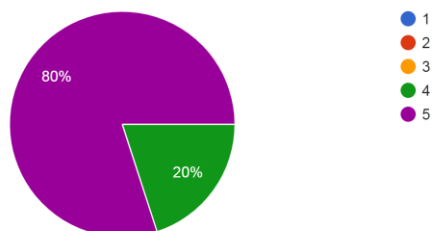
 1 2 3 4 5

7. To what extent are you satisfied with:

(1 - very low, 5 - very high)

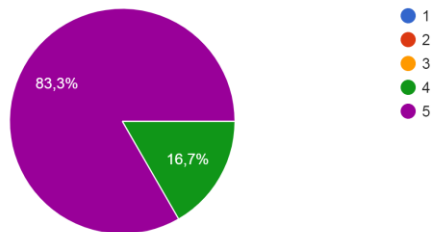
Information provided prior to the event.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Usefulness of the materials available (agenda, proceedings, handouts).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Venue (location, facilities, etc).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Information provided during the event.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

1. Please rate the overall satisfaction with the event. (1 - very low, 5 - very high) Пожалуйста, оцените общую удовлетворенность данным меро...ықты бағалаңыз (1-өте төмен, 5-өте жоғары)
30 ответов

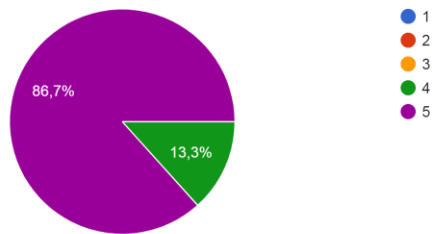




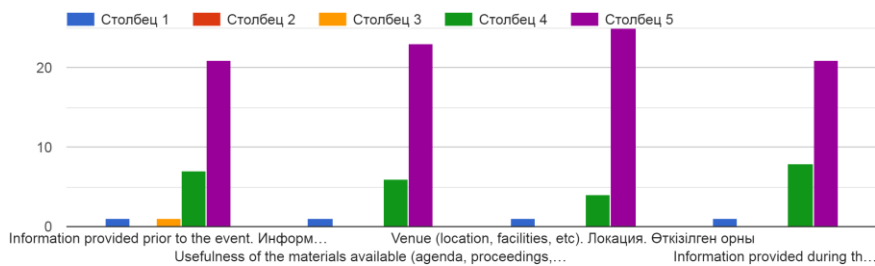
2. Did the event meet your expectations? (1 - not at all, 5 - to the great extent) Оправдало ли мероприятие ваши ожидания? (1-нисколько, 5...зден шықты ма? (1-мүлдем шықпады, 5-шықты)
30 ответов



6. Please evaluate overall quality of the organization. (1 - very low, 5 - very high) Пожалуйста оцените общее качество организации мероприят...пасын бағалаңыз (1-өте төмен, 5-өте жоғары)
30 ответов



7. To what extent are you satisfied with: (1 - very low, 5 - very high) Насколько вы удовлетворены (11-очень низко, 5-очень высоко) Қаншалықты қанағаттысыз?





Co-funded by
the European Union



Timestamp	1. Please rate the overall satisfaction with the event. (1 - very low, 5 - very high) Пожалуйста, оцените общую удовлетворенность данным мероприятием (1-очень низко, 5-очень высоко) Іс-шарамен қанағаттанушылықты бағалаңыз (1-өте төмен, 5-өте жоғары)	2. Did the event meet your expectations? (1 - not at all, 5 - to the great extent) Оправдало ли мероприятие ваши ожидания? (1-нисколько, 5-в значительной степени) Іс-шара сіздің көңілдеріңізде н шықты ма? (1-мүлдем шықпады, 5-шықты)	3. What were the positive aspects of the event? Please explain. Какие позитивные моменты мероприятия вы могли бы отметить? Іс-шараның жағымды жақтары болды ма? Айта өтіңізші	4. What were the negative aspects of the event? Please explain. Какие негативные моменты мероприятия вы могли бы отметить? Іс-шараның негативті жақтары болды ма? Айта өтіңізші	5. What would you recommend to organizers for the future events of this type? Что бы вы порекомендовали организаторам для такого рода мероприятий в будущем? Ұйымдастырушыларға келешекке қандай ұсыныс жасар едіңіз?	6. Please evaluate overall quality of the organization. (1 - very low, 5 - very high) Пожалуйста оцените общее качество организации мероприятия (1-очень низко, 5-очень высоко) Іс-шараның жалпы сапасын бағалаңыз (1-өте төмен, 5-өте жоғары)	7. To what extent are you satisfied with: (1 - very low, 5 - very high) Насколько вы удовлетворены (11-очень низко, 5-очень высоко) Қаншалықты қанағаттысыз? [Information provided prior to the event. Информацией , предоставленной до мероприятия. Іс-шараға дейін берілген ақпарат]	7. To what extent are you satisfied with: (1 - very low, 5 - very high) Насколько вы удовлетворены (11-очень низко, 5-очень высоко) Қаншалықты қанағаттысыз? [Usefulness of the materials available (agenda, proceedings, handouts). Полезность раздаточных материалов (программа, записи, раздаточный материал). Үлестірмелі материалдардың пайдалалығы (бағдарлама, үлестірме материалдар)]	7. To what extent are you satisfied with: (1 - very low, 5 - very high) Насколько вы удовлетворены (11-очень низко, 5-очень высоко) Қаншалықты қанағаттысыз? [Venue (location, facilities, etc). Локация. Өткізілген орны]	7. To what extent are you satisfied with: (1 - very low, 5 - very high) Насколько вы удовлетворены (11-очень низко, 5-очень высоко) Қаншалықты қанағаттысыз? [Information provided during the event. Информация, предоставленная во время мероприятия. Іс-шара кезінде берілген ақпарат]
28.04.2024 16:56:52	5	5	Great hospitality	None	To use more english during	5	5	5	5	5



					the event					
28.04.2024 17:01:10	5	5	An effective experience exchange in No-Till technology and dual education approach in agroecology	language barriers for some participants	improve the language skills or hair an official translator	5	4	4	4	5
28.04.2024 17:06:49	5	5	Поездка к партнеру в КЗ "Замандас"	Все организовано на высоком уровне	Продолжать работать на том же уровне	5	5	5	5	5
28.04.2024 19:41:32	5	4	Very well organized events at the University at a timely schedule	The visit to the Zamadas farm could have been replaced with a virtual tour as it was quite far away	To have all presentations in English	5	5	5	5	5
28.04.2024 20:13:06	5	5	Well organised meeting. Nice facilities.	There were no negative aspects. The translation, however, could be avoided.	To keep your high standards.	5	1	1	1	1
29.04.2024 10:50:46	5	5	Good organization, interesting lectures and discussions	I can't think of any	Keep up the good work	5	5	4	5	4



Co-funded by
the European Union



29.04.2024 21:37:36	5	5	Visit the farm, it was very good	None	None	5	5	5	5	5
29.04.2024 22:56:36	4	5	Тәжірибе алмасу	Жоқ	Осындай іс шаралар	5	5	5	5	5
29.04.2024 23:02:32	5	4	Мне понравилась вся программа. Очень радушные хозяева- Виктор и Оксана	Нет	Не планировать столь далёкие поездки на предприятие партнер	5	5	5	5	5
30.04.2024 15:20:50	5	5	комфортная и дружелюбная атмосфера на мероприятии, дискуссия была интересной и достаточно содержательн ой, встреча с работодателя ми	-	Организовать встречи со структурными подразделени ями Университето в, которые косвенно увлекут в образовательн ом процессе (учебный отдел, учебно- методический отдел)	5	4	5	5	5
30.04.2024 23:30:45	5	5	Venue and information	None	-	5	5	5	5	5



Co-funded by
the European Union



			provided							
02.05.2024 16:14:41	4	5	peasant farm "Zamandas"	None	More outdoor events	4	3	5	5	4
02.05.2024 16:27:11	4	4	посещение фермерского хозяйства	нет	снизить количество докладов	5	5	4	5	4

