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Report on the Study Visit to Alexandroupolis/Orestiada, Greece 24-28 June 2024

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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	

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Work package WP 4. Preparation for implementation of new bachelor an programs		
Deliverable	Report	
Responsible Team members Konstantinos Galanopoulos, DUTH, Greece kgalanop@agro.duth.gr		
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Number of pages 24		
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	This report is about the study visit to Alexandroupolis and Orestiada, Greece and workshop "Dual education in Kazakhstan: from concept to practice".
Abstract	During the visit, AGROKAZ members presented their scientific work on agroecology issues, held discussion panels, formulated agenda for next steps regarding projects implementation and visited agro- food industries and farms, typical of Greek agricultural production system.

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Description	Responsible members
1.0	3/7/2024	First report	DUTH
1.1	27/8/2024	Final version	DUTH

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Introduction

The study visit in Greece was the last of the planned trips to participating countries. Partners from Kazakhstan, Serbia and Croatia met together to discuss the progress made in the project, the fulfillment of the project's aims and scopes as well as to further exchange ideas on agroecological issues and recent advances in agronomical practices. Additionally, project members had the chance to visit modern agro-food enteprises as well as local farms, typical of the Greek agricultural sector.

The visit was organized and hosted by the Democritus University of Thrace (P5), Department of Agricultural Development for the period 24-28 June, 2024. There were 24 participants that attended the meetings and visits (14 from Kazakhstan, 2 from Serbia, 2 from Croatia and 6 from Greece).

Study visit description

Day 1: 24/6/2024

During the first day a meeting was held among the project's coordinator, Prof. Tatjana Brankov, the representative of the Kazakh universities and Head of International Cooperation and Project Implementation Center at KenEU, Mrs. Z. Jabassova and the participating members of P5 (K. Galanopoulos, S. Koutroumbas, E. Raptou). During the meeting two main topics were discussed: (a) consultation and finalization regarding the details of the study visit and (b) the project's website status. KenEU is responsible for the project's website and DUTH is the WP7 leader, hence the purpose of the meeting was to prepare the topics and issues to be discussed at the next day's group meeting.

Day 2: 25/6/2024

Day 2 was devoted to meetings, separated into two main sessions: After the welcoming speeches, a session entitled "Agriculture, climate change and the environment: A perspective from Greece" was held, where faculty members of the Department of Agricultural Development from different laboratories presented their recent scientific work related to advances in agroecology. The president of the Hellenic Geotechnical Chamber, Thrace branch, also gave a speech on climate change and its impact on Greece's agricultural sector.

Next, followed a workshop session entitled "AGROKAZ Project Management" in which some important aspects of the project were discussed. Yuriy Tulayev, from Zarechnoye Agricultural Experimental Station, Kazakhstan presented a report on the preparatory work for dual training of students in the educational program "Agroecology".

K. Galanopoulos presented a report on the progress made regarding the project's dissemination, demonstrated an amended version of the project's website and set the major milestones for the upcoming months. Participants discussed and agreed on further actions to be taken.

Day 3: 26/6/2024

During Day 3, participants visited BIOS Agrosystems SA, located in the premises of Xanthi. Established in 1989, BIOS AGROSYSTEMS SA (a member of 'Redestos' Efthymiadis Group of Companies, a leading company in Greece's agro-industrial complex) focuses mainly on the production and trade in plant species varieties originating from genetic material from its own research or from its international and domestic associates. Initially the CEO of the company, Mr. E. Eftymiadis gave a presentation of the company's profile and its research and commercial activities





and then the members of AGROKAZ were given a guided tour of the company's factory and research laboratories.

Day 4: 27/6/2024

In Day 4, AGROKAZ visited companies and farms in the area of Alexandroupoli and Orestiada. The first visit was to Kyklopas Estates SA, a family owned and operated business of olives and olive oil production, that has also expanded to agrotourism. The company has 12.000 olive trees and 2.000 organically cultivated trees of the local Makri olive variety, some of which being older than 2000 years. During the guided tour of the premises, the whole cycle of production from olives to extra olive oil was explained and demonstrated.

Next, AGROKAZ visited the Silk Museum, where a detailed demonstration of the cultivation of silkworms (currently the only place in Greece still practiced) was given along with a practical demonstration of silk extraction.

Finally, AGROKAZ visited a sheep and goat farm in a remote area near Orestiada that practices circular economy: animals are fed with own-produced feedingstuff and the main product is cheese.

Day 5: 28/6/2024

During the final day, a Steering Committee meeting (project's Nr. 4) was held. The topics of the agenda were: 1. Progress in Equipment Procurement; 2. Defining the Lifelong Learning Program; 3. Implementation of the Bachelor's Study Program; 4. DUTH Proposal for More Efficient Dissemination; 5. Action Plan for the Next Six Months; 6. Any Other Business. All partners agreed on the decisions made regarding the scheduled agenda for the next period.

Before closure, AGROKAZ members discussed the findings of the study visit in Greece as well as the previous ones (Almaty, Pavlodar, Novi Sad, Osijek) and their usefulness for the program studies in agroecology.





Agenda

DAY I: Monday, June 24

	Department of Agricultural Development, Pantazidou 193, Orestiada 682 00 https://maps.app.goo.gl/vwz8FJ9TGBNqkjzN8		
10:00-12:00	Registration of participants		
12:00-14:00	 Final consultations with the host regarding the study visit Project's website status 	Prof. dr Tatjana Brankov, University of Novi Sad, project coordinator Zhanat Jabassova, Head of International Cooperation and Project Implementation Center at KEnEU Prof. Konstantinos Galanopoulos, Democritus University of Thrace Prof. Spyridon Koutroumpas, Democritus University of Thrace Ass. Professor Elena Raptou, Democritus University of Thrace	
19:00	Welcoming Dinner		

DAY II: Tuesday, June 25

Nomarcheio Alexandroupolis Exhibitional Center, Lecture Hall "Alexandros Kritis", Alexandroupolis					
09:30-10:00	https://maps.app.goo.gl/224VHUGDtAxMXhyTA 09:30-10:00 Registration of participants				
10:00-10:30	Welcome Speeches	Prof. Fotios Maris, Rector, Democritus University Prof. Athanassios Kimparis, Head of the Department of Agricultural Development, DUTH Prof. Dr Tatjana Brankov, University of Novi Sad, project coordinator			
Session	Session: Agriculture, climate change and the environment: A perspective from Greece				
10:30-11:00	Climate change and its impact on Greece's agricultural sector	Triantafyllos Papadakis, President of Geotechnical Chamber of Greece, Thrace branch			
11:00-11:30	Coffee break				





11:30-12:15	Alternative fertilization practices in agriculture: The cases of farmyard manure and sewage sludge	Prof. Spyridon Koutroumpas, <i>Democritus University</i>
12:15-12:45	Agroecology-informed strategies in crop protection	Ass. Prof. Christos Zamioudis, <i>Democritus University</i>
12:45-13:15	Can green deal strategies serve as a means to sustainable agriculture in EU? Challenges and pathways	Prof. Eleni Zafeiriou, Democritus University
13:15-14:15	Lunch	
	AGROKAZ Project M	anagement
14:15-14:45	Report on the preparatory work for dual training of students in the educational program "Agroecology"	Yuriy Tulayev, "Zarechnoye" Agricultural Experimental Station
14:45-16:00	Workshop on updated dissemination plan of actions	Konstantinos Galanopoulos, <i>Democritus University</i> ALL partners
18:30	Official workshop dinner	

DAY III: Wednesday, June 26

	Meeting point: Faros (Lighthouse), Vasileos Alexandrou, Alexandroupolis https://maps.app.goo.gl/os6NSRn6uARxCReh9
09:45-10:00	Registration of participants
10:15-16:00	Field visit to BIOS AGROSYSTEMS SA

DAY IV: Thursday, June 27

	Meeting point: Faros (Lighthouse), Vasileos Alexandrou, Alexandroupolis https://maps.app.goo.gl/os6NSRn6uARxCReh9
09:15-09:30	Registration of participants
09:30-11:00	Visit to Kyklopas estate (olive mill at the age-old olive grove of Makri)
12:00-15:00	Field visits to organic farms, cheese-producing farm and the Silk Museum (Soufli)
15:30	Lunch





DAY V: Friday, June 28

Municipal Library of Alexandroupolis, Ainou 46, Alexandroupolis				
00.45 40.00	https://maps.app.goo.gl/HMaQ5UGcGLeQquu26			
09:45-10:00	Registration of participants	*************		
10:00-11:00	Steering Committee meeting	Prof. Dr Tatjana Brankov, University of Novi Sad, project coordinator Zhanat Jabassova, Kostanay Engineering and Economics University named after M. Dulatov Abzal Abdramanov, Kazakh National Agrarian University Viktor Kamkin, Toraigyrov University Konstantinos Galanopoulos, Dimokrito Panepistimio Thrakis Tihana Sudaric, Sveuciliste Josipa Jurja Strossmayera Saniya Tulkubayeva, Agricultural experimental station Zarechnoye (Yuriy Tulayev) Alua Rysbekova, Kazakh research institute of plant protection and quarantine named after Zhazken		
11:00-11:30	Summarization of key findings of study visits	Zhiyembayev Prof. Dr Tatjana Brankov, University of Novi Sad, project coordinator		
12:00-12:30	Discussion	All partners		
12:30-13:00	Finalizing AGROKAZ next steps	Prof. Dr Tatjana Brankov, <i>University of Novi Sad,</i> project coordinator		

Contact:

Kostas Galanopoulos, Democritus University of Thrace Tel. mob.: +30 6944 681658

kgalanop@agro.duth.gr





List of participants





ATTENDANCE SHEET

Meeting:	Workshop "Dual Education in Kazakhstan: From concept to practice"		
Date:	24-28 June 2024		
Location: Orestiada, GREECE			

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Date: 24 June 2024		
Full Name	Organization	Signature
Tatjana Brankov, Project coordinator	University of Novi Sad, Republic of Serbia	The
Jabassova Zhanat	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	Amay.
Galanopoulos Konstantinos	Democritus University of Thrace, Greece	XIII
Koutroumpas Spyridon	Democritus University of Thrace, Greece	
Raptou Elena	Democritus University of Thrace, Greece	EL
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Meeting: Workshop "Dual Education in Kazakhstan: From concept to pr	
Date:	24-28 June 2024
Location:	Alexandroupolis, GREECE

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Date: 25 June 2024		
Full Name	Organization	Signature
Tatjana Brankov, Project coordinator	University of Novi Sad, Republic of Serbia	17hren
Manojlović Maja	University of Novi Sad, Republic of Serbia	A learn
Jabassova Zhanat	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	Shung
Koblanova Saule	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	cur
Oshakbayeva Zhuldyz	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	H. Oeway
Abdramanov Abzal	Kazakh National Agrarian Research University, Kazakhstan	Maes
Aitkhozhayeva Gulsim	Kazakh National Agrarian Research University, Kazakhstan	defe
Alexeyeva Marina	Kazakh National Agrarian Research University, Kazakhstan	Juste
Kakezhanova Zibagul	Toraighyrov University, Kazakhstan	Longs
Kamkin Viktor	Toraighyrov University, Kazakhstan	di.
Shalabayev Baurzhan	Toraighyrov University, Kazakhstan	WB 11
Uakhitov Zhastlek	Toraighyrov University, Kazakhstan	1/
Somova Svetlana	Agricultural experimental station "Zarechnoye", Kazakhstan	et







Tulayev Yuriy	Agricultural experimental station "Zarechnoye", Kazakhstan	200
Rysbekova Alua	The Kazakh Research Institute for Plant Protection and Quarantine, Kazakhstan	AMA
Uspanov Alibek	The Kazakh Research Institute for Plant Protection and Quarantine, Kazakhstan	the
Majic Ivana	Josip Jurja Strossmayer University Osijek, Croatia	Chy D
Sudarić Tihana	Josip Jurja Strossmayer University Osijek, Croatia	T. Sudere
Galanopoulos Konstantinos	Democritus University of Thrace, Greece	#An-
Koutroumpas Spyridon	Democritus University of Thrace, Greece	35
Raptou Elena	Democritus University of Thrace, Greece	æ
Papadakis Triantafyllos	Geotechnical Chamber of Greece	di
Zafeiriou Eleni	Democritus University of Thrace, Greece	D
Zamioudis Christos	Democritus University of Thrace, Greece	40

Project number: 101082564









Meeting: Workshop "Dual Education in Kazakhstan: From concept to pract		
Date:	: 24-28 June 2024	
Location: Alexandroupolis, GREECE		

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Date: 26 June 2024		
Full Name	Organization	Signature
Tatjana Brankov, Project coordinator	University of Novi Sad, Republic of Serbia	TUVan
Manojlović Maja	University of Novi Sad, Republic of Serbia	Sellows
Jabassova Zhanat	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	Darriog
Koblanova Saule	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	Chin
Oshakbayeva Zhuldyz	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	# Owen!
Abdramanov Abzal	Kazakh National Agrarian Research University, Kazakhstan	whar
Aitkhozhayeva Gulsim	Kazakh National Agrarian Research University, Kazakhstan	defe
Alexeyeva Marina	Kazakh National Agrarian Research University, Kazakhstan	refe
Kakezhanova Zibagul	Toraighyrov University, Kazakhstan	Longe
Kamkin Viktor	Toraighyrov University, Kazakhstan	K
Shalabayev Baurzhan	Toraighyrov University, Kazakhstan	the 1
Uakhitov Zhastlek	Toraighyrov University, Kazakhstan	1/2
Somova Svetlana	Agricultural experimental station "Zarechnoye", Kazakhstan	À

Project number: 101082564





Tulayev Yuriy	Agricultural experimental station "Zarechnoye", Kazakhstan	900
Rysbekova Alua	The Kazakh Research Institute for Plant Protection and Quarantine, Kazakhstan	PAGL
Uspanov Alibek	The Kazakh Research Institute for Plant Protection and Quarantine, Kazakhstan	pf
Majic Ivana	Josip Jurja Strossmayer University Osijek, Croatia	Jayo
Sudarić Tihana	Josip Jurja Strossmayer University Osijek, Croatia	T. Scholee
Galanopoulos Konstantinos	Democritus University of Thrace, Greece	-41
Koutroumpas Spyridon	Democritus University of Thrace, Greece	26
Raptou Elena	Democritus University of Thrace, Greece	al









Meeting: Workshop "Dual Education in Kazakhstan: From concept to p	
Date:	24-28 June 2024
Location:	Alexandroupolis, GREECE

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Date: 27 June 2024		
Full Name	Organization	Signature
Tatjana Brankov, Project coordinator	University of Novi Sad, Republic of Serbia	tuna
Manojlović Maja	University of Novi Sad, Republic of Serbia	deling
Jabassova Zhanat	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	AMoy
Koblanova Saule	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	Cleuf o
Oshakbayeva Zhuldyz	Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	#Oreven
Abdramanov Abzal	Kazakh National Agrarian Research University, Kazakhstan	Mass
Aitkhozhayeva Gulsim	Kazakh National Agrarian Research University, Kazakhstan	def
Alexeyeva Marina	Kazakh National Agrarian Research University, Kazakhstan	Seffe
Kakezhanova Zibagul	Toraighyrov University, Kazakhstan	Honess
Kamkin Viktor	Toraighyrov University, Kazakhstan	K.
Shalabayev Baurzhan	Toraighyrov University, Kazakhstan	11
Uakhitov Zhastlek	Toraighyrov University, Kazakhstan	1/2
Somova Svetlana	Agricultural experimental station "Zarechnoye", Kazakhstan	31



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Date:	24-28 June 2024
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Date: 28 June 2024		
Organization	Signature	
University of Novi Sad, Republic of Serbia	tan	
University of Novi Sad, Republic of Serbia	de alga	
Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	Alley	
Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	Chief	
Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan	H Oewow	
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Agricultural experimental station "Zarechnoye", Kazakhstan	A	
	Organization University of Novi Sad, Republic of Serbia University of Novi Sad, Republic of Serbia Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan Kostanay Engineering and Economics University named after M. Dulatov, Kazakhstan Kazakh National Agrarian Research University, Kazakhstan Kazakh National Agrarian Research University, Kazakhstan Toraighyrov University, Kazakhstan	





Tulayev Yuriy	Agricultural experimental station "Zarechnoye", Kazakhstan	100
Rysbekova Alua	The Kazakh Research Institute for Plant Protection and Quarantine, Kazakhstan	THE
Uspanov Alibek	The Kazakh Research Institute for Plant Protection and Quarantine, Kazakhstan	Af
Majic Ivana	Josip Jurja Strossmayer University Osijek, Croatia	Jano
Sudarić Tihana	Josip Jurja Strossmayer University Osijek, Croatia	Tsudies
Galanopoulos Konstantinos	Democritus University of Thrace, Greece	A. 100
Koutroumpas Spyridon	Democritus University of Thrace, Greece	87
Raptou Elena	Democritus University of Thrace, Greece	es-

Project number: 101082564





Dissemination

AGROKAZ

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

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

Webpage: https://agrokaz.kineuprojects.kz/

<u>Democritus University of Thrace / Department of Agricultural Development:</u>

University's webpage: https://duth.gr/

Facebook: https://www.facebook.com/share/p/paDpA4BALxJnubdL/

Instagram: https://www.instagram.com/p/C9BwckzojVB/?utm_source=ig_web_copy_link

Webpage of DUTH research project (AGROPRO):

https://sxedio-agropro-pamth.net/%CE%B4%CE%B9%CE%AC%CF%87%CF%85%CF%83%CE%B7

Coverage in local news media:

https://www.ypaithros.gr/oloklirothike-synantisi-ergasias-epistimonikon-omadon-programmatos-agrokaz/

https://xronos.gr/epikairotita/19-meli-epistimonikon-omadon-synantithikan-sti-thraki

https://www.evros24.gr/ti-synantisi-ton-epistimonikon-omado/

https://www.gnomionline.gr/19-meli-epistimonikon-omadon-apo-panepistimia-kai-institouta-tou-exoterikou-filoxenithikan-stin-orestiada/

https://www.radioevros.gr/agrokaz-tmima-agrotikis-anaptyxis/

 $\frac{https://www.thrakikiagora.gr/dpth-oloklirothike-i-synantisi-ergasias-ton-epistimonikon-omadon-toy-programmatos-agrokaz-sto-tmima-agrotikis-anaptyxis-fotos$

https://www.xanthinea.gr/2024/07/oloklirothike-i-synantisi-ergasias-ton-epistimonikon-omadon-tou-programmatos-agrokaz-pou-filoxenithike-apo-to-tmima-agrotikis-anaptyxis-tou-dpth

https://thrakionline.gr/oloklirothike-i-synantisi-ergasias-tou-programmatos-agrokaz-sto-tmima-agrotikis-anaptyxis-tou-dpth/

https://www.youtube.com/watch?v=JEgF6oHAWK8

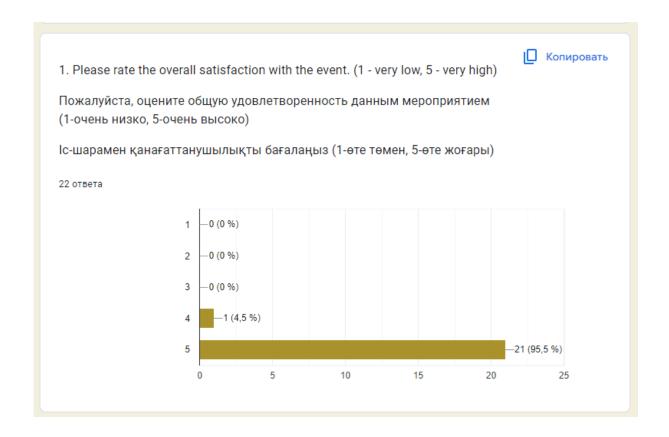




Participant Feedback (Survey Results)

The same questionnaire that was used in the previous workshops/study visits (i.e. Almaty, Pavlodar, Novi Sad and Osijek) was used for Greece.

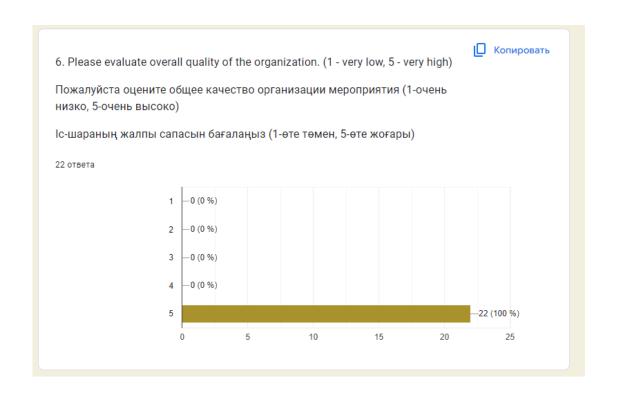
The evaluation form was developed by UNIOS and the procedure was undertaken and maintained by KAZNAU. The results are summarized as follows:





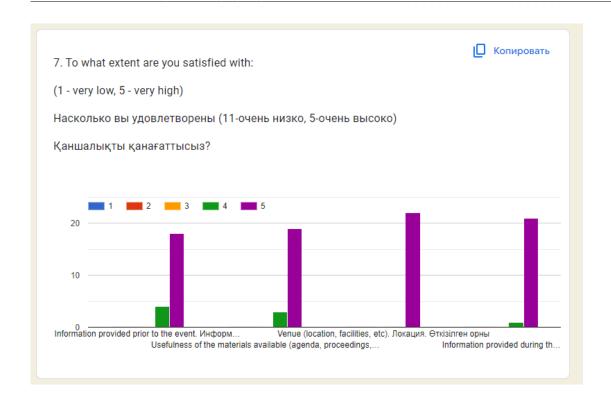


□ Копировать 2. Did the event meet your expectations? (1 - not at all, 5 - to the great extent) Оправдало ли мероприятие ваши ожидания? (1-нисколько, 5-в значительной степени) Іс-шара сіздің көңілдеріңізден шықты ма? (1-мүлдем шықпады, 5-шықты) 22 ответа -0 (0 %) -0 (0 %) -0 (0 %) -0 (0 %) 5 -22 (100 %) 10 15 20 25 0













Photos from study visit

















































