

Final Report

on the implementation of the grant ECE/GC/2017/11/025 “Improved understanding of key water management issues by mid-level government officials” .

Kazakh-German University

1 January – 31th of July, 2017

2 part (Almaty training)

Narrative report prepared by the German-Kazakh University

1. BACKGROUND AND CONTEXT

Within the framework of the project 025 “Improved understanding of key water management issues by mid-level government officials”, German-Kazakh University was responsible to implement the following tasks under the grant ECE/GC/2017/11/025:

- Organization of training for civil servants on Integrated Water Resources Management in collaboration with the State Academy of Management under the President of the Republic of Kazakhstan (State Academy) Aktau, Kazakhstan – April 9 – 11/2018
- Organization of training for civil servants on Integrated Water Resources Management in collaboration with the State Academy of Management under the President of the Republic of Kazakhstan (State Academy) Almaty, Kazakhstan – May 28 – 30/2018

Below is the description of activities implemented under each of the above tasks.

Task I: Organization of IWRM training for civil servants in Almaty

Based on the previous training for civil servants on Integrated water resources management in Aktau (9-11 of April, 2018) under the grant ECE/GC/2017.07.013 the second part of trainings for government officials was organized in Almaty (Kazakhstan) at the German-Kazakh University in order to cover water professionals from the Southeast region of the Republic of Kazakhstan. The training was organized by the Kazakh-German University with the support of the UNECE and in partnership with the RK State Academy Almaty branch. The training was organized for 30 participants including trainers and organizational staff. The target audience of the training was the mid-level government staff. The selection process was organized under support of the Committee for Water Resources and made by the State Academy. Afterwards the participants list was transferred to the German-Kazakh University for follow-up coordination.

Three days training consists of the lectures and group work lead by the high level professionals: Strikeleva Ekaterina – Manager of the Program for Support of Water Initiatives, the Regional Environmental Center for Central Asia, Sydykov Nurislam - Lecturer, Faculty of Economic Sciences, German - Kazakh University, Petrakov Igor - Advisor of the Chairman of the Committee on Water Resources of the Ministry of Environment on water legislation of the Republic of Kazakhstan.

The first day was devoted to the political aspects of IWRM in Kazakhstan and transboundary cooperation issues between CA countries. The trainer – Ms. Strikeleva Ekaterina - provided information to participants on current policy decisions on transboundary cooperation between the countries of Central Asia, as well as conducted a practical exercise on water sharing between the countries of Kazakhstan and Kyrgyzstan on example of the Chu-Talas river basin.

On the second day participants were learning the legal aspects of water management in Central Asia. The trainer – Mr. Petrakov Igor – has covered legislative structure of water resources in Central Asian countries as well as had to speak about water code of the Republic of Kazakhstan.

The first half of the third day of the training was devoted to the economic aspects of water resources management, which was conducted by the lecturer of the Faculty of Economic Sciences German- Kazakh University, PhD – Sadykov Nurislam. During the training, the participants got acquainted with system approach in integrated water resources management in the economic contest, and also tried to calculate the cost of tariffs and estimate the costs of water consumption.

After lunch of the third day of the training participants got opportunity to see the water management system by visiting the Big Almaty Lake, where is located the mudflow dam as well as drinking water supply dam.

A total number of participants were:

- 26 civil servants from the following organization of the Republic of Kazakhstan:
 1. Subsoil use, environment and water resources department of the Ministry of environment of the Republic of Kazakhstan,
 2. Department of Natural Resources and Environmental Management of Akimat of Kostanay oblast
 3. Akimat of Uzynkol district of Kostanay region
 4. Nura-Sarysu Basin Inspection for Regulating the Use of Water Resources Protection
 5. Kazvodkhoz, RSE, branch of the South-Kazakhstan region in Shymkent
 6. Committee on Water Resources of the Ministry of Agriculture of the Republic of Kazakhstan
 7. Aral-Syrdarya Basin Inspection for Regulation of Water Resources Use and Protection
 8. Department of Energy and Communal Services of South Kazakhstan Region
 9. Branch of RSE "Kazhydromet" for Almaty region
 10. Kazakh Scientific Research Institute of Water Management
 11. Department of Ecology, Almaty
 12. Department of Natural Resources and Environmental Management of Almaty
 13. Balkhash-Alakol Basin Inspection
 14. Institute of Geography of the Republic of Kazakhstan
- 3 trainers from the Almaty;
- 1 organizer from German-Kazakh University.

2. OBJECTIVES AND TASKS

The training was aimed to provide participants actual information of the interdisciplinary perspective on the various aspects of integrated water resources management in Central Asia, both nationally and internationally level. The objectives of the training are:

1. Expand the knowledge of the legal, political and economic aspects of water resources management at the international, regional and national levels;
2. Strengthen the cooperation between employees of state organizations of the water sector;
3. Improve the capacity of young mid-level government officials responsible for water management at the national level;

On the gender aspect, 17 men and 9 women took part in the training.

FEEDBACK FROM THE PARTICIPANTS

Questionnaires

In the framework of the improvement of the further trainings participants filled the evaluation forms provided by organizers. The evaluation form includes next positions:

- the quality of the training organization as well as logistic support,
- the quality and scientific novelty of the handout material,
- the quality of teaching the material by the lecturers;
- additional comments to improve the training (by hand writing).

At the end of the training 26 participants filled the form.

The quality of the training organization.

The organization of the training was highly evaluated by participants. The participants noted that the logistic support was timely and organizers were online before, during and after the training. The accommodation and provision for the participants were in a good quality. According to the filled form participants noted the following comments:

1. The time frame of the training was convenient enough for a comfortable pastime as well as communication with the other participants of the training. However, some participants noted that for the mastering of such a quantity of material it is necessary to introduce additional hours of training;

2. Almost all participants noted that the excursion was a good completion of the training and the consolidation of the acquired knowledge. And as many have noted that changing of the training place and traveling outside the city have a beneficial effect on the overall mood between the participants and strengthens cooperation between them.

The organization grade of the training was evaluated like "excellent" with an average grade 5.

The quality and scientific novelty of the handout material.

Participants noted that the manuals of the key aspects of integrated water resources management are quite useful and applicable in their work. The content of the manuals is fully covered all actual questions related to water management in Central Asia as well as in European countries. Some of the participants noted that there are lacks of good examples of the water management in the manuals. The average grade of the quality of the handout materials is 4.7.

The quality of teaching the material by the lecturers.

Within three days the participants of the training were provided with handouts, as well as presentations on key aspects of IWRM. The participants highly appreciated the competence of the trainers and their professional background. According to the participants evaluation, the presentations were qualitatively decorated and contained enough graphic information for a clearer perception. Participants also noted that there were many examples in the presentations. The average score of the quality of teaching is 5.

At last participants noted that they were happy to participate at the training and that this kind of trainings should be on constant time.

3. LESSONS LEARNT

At the end of the training, despite the high evaluation of the participants, there were some aspects that needed to be improved for the future trainings. For example, there was a need to improve the manuals on key aspects of IWRM where should be included more practical examples of problem solution related to water resources management.

Another aspect that needs to be taken into account in future trainings is the increasing of the lecture time. Many participants noted that such a quantity of material is difficult to assimilate in such a short time, so for future this kind of the trainings there is a need to increase the hours of lectures and practical classes by approximately 8 lecture hours.

4. CONCLUSIONS and the way forward

In general, the training was highly appreciated by both participants and coaches. The organizational part done by of the German-Kazakh University and the State Academy was at a high level and the participants were satisfied with the logistics support and the schedule of training sessions.

The quality of teaching and the competence of the trainers were at the highest level as well. Participants noted that during the training they raised their level of knowledge and found answers to their questions. Participants also noted that such trainings are useful to establish contacts between organizations that are profiling in the field of water resources, which in the future will help to strengthen the effectiveness of the work of state structures.

The organizers still in contact with all participants of the training who are ready to advise such trainings to the colleagues.

Annexes

Annex 1. Program of the Training

Annex 2. List of Participants of the Training

Annex 3: Form of evaluation

Annex 4: Curricula of the training

Programme of the training

Training for civil servants of the Republic of Kazakhstan on key aspects of water resources management in the Republic of Kazakhstan in conjunction with the United Nations / UNDP / UNECE project "Kazakhstan's support for the transition to a green economy model" 28-30 May, 2018

Address: German-Kazakh University, 111 Pushkina str., Almaty, 050000, Kazakhstan

Experts:

- Strikeleva Ekaterina – Manager of the Program for Support of Water Initiatives, the Regional Environmental Center for Central Asia
- Petrakov Igor Alexandrovich – Water Committee Adviser, Ministry of Agriculture Republic of Kazakhstan
- Sadykov Nurislam – PhD, Associate Professor, Teacher of the Faculty of Economic Sciences, German - Kazakh University

Agenda

Monday, May 28 , 2018	
Lecturer: Strikeleva Ekaterina – Manager of the Program for Support of Water Initiatives, the Regional Environmental Center for Central Asia	
9:00 – 9:10	Greeting speech <i>Representative of the State. Academy</i> Shakirzhanova Lyubov <i>UNESCO Chair on Water Resources Management in Central Asia at the German – Kazakh University</i>
9:10 – 9.30	Participants short presentations
9:30 – 10:20	Integrated water resources management. Introduction and historical aspects.
10:20 – 11:00	Transboundary water resources management
<i>11:00-11:20</i>	<i>Coffee break</i>
11:20 – 12:00	Basis for the formation of water management base on the Republic of Kazakhstan
12:00 – 12:50	Modern regulatory and legal framework for water resources management in the Republic of Kazakhstan
<i>12:50- 14:00</i>	<i>Lunch</i>
14:00 – 14:50	Modern institutional platform of water resources management in the Republic of Kazakhstan
14:50 – 15:40	Development of sustainable water use in the Republic of Kazakhstan
<i>15:40-16:00</i>	<i>Coffee break</i>
16:00 – 16:50	The economic mechanism of sustainable use and protection of water resources in the legislation of the Republic of Kazakhstan
16:50-17:30	Basin principle of water resources management in the Republic of Kazakhstan
18:00	Dinner

Tuesday, May 29, 2018	
Lecturer: Petrakov Igor Alexandrovich – Water Committee Adviser, Ministry of Agriculture Republic of Kazakhstan	
9:30 – 10:00	Fundamentals of international legislation in the field of protection and use of transboundary waters (Background)
10:00 – 11:00	The main international agreements on the protection and use of transboundary waters (the UN Watercourses Convention, the Water Convention)
<i>11:00-11:20</i>	<i>Coffee break</i>
11:20 – 12:00	The main international agreements in the field of environmental protection related to the use and protection of transboundary waters
12:00 – 12:50	Main international agreements in the field of marine environment protection
<i>12:50 – 14:00</i>	<i>Lunch</i>
<i>14:00 – 15:50</i>	Regional agreements: the Agreement between Kazakhstan and Kyrgyzstan, the Agreement between Kazakhstan and the People's Republic of China, the Agreement between Kazakhstan and Russia
<i>15:50 – 16:10</i>	<i>Coffee break</i>
16:10 – 16:50	Legal basis for water resources management in Kazakhstan
16:50 – 17:30	Regional agreements: Agreement on the Aral Sea Basin
Wednesday, May 30, 2018	
Lecturer: Sadykov Nurislam - Ph.D. , associate professor of CNU	
9:00 – 11:00	System approach in integrated water resources management
11:00 – 11:20	<i>Coffee break</i>
11:20 – 12:30	Cost and price of water
12:30 – 12:50	Certificates awarding
<i>12:50 – 14:00</i>	<i>Lunch</i>
<i>14:00 – 17:30</i>	Field trip to Big Almaty Lake

Annex 2.

**List of participants on the training for civil servants of the Republic of Kazakhstan on key aspects of
water resources management in the Republic of Kazakhstan
28-30 of May, 2018
German-Kazakh University**

№	Name	Country	Organization	Contacts
Trainers				
1	Strikeleva Ekaterina	Almaty, Kazakhstan	Manager of the Program for Support of Water Initiatives, the Regional Environmental Center for Central Asia	estrikeleva@carec eco.org
2	Sadykov Nurislam	Almaty, Kazakhstan	Faculty of Economic Sciences German- Kazakh University, PhD	nurislamingu@ra mbler.ru
3	Petrakov Igor	Almaty, Kazakhstan	Committee of Water Resources of RK National Adviser	ipetrakov@bk.ru
Participants				
1	Zhumadilov Miras	Pavlodar, Kazakhstan	Department of subsoil use, environment and water resources	miras210496@gm ail.com
2	Kyzyrov Kayirbergen	Pavlodar, Kazakhstan	Department of land relations of Pavlodar region	kdb.92@mail.ru
3	Kaliev Samat	Kostanay, Kazakhstan	Department of Natural Resources and Environmental Management of Akimat of Kostanay oblast	S.Kaliev@kostanay .gov.kz
4	Abdyrakhmanova Nurzhamal	Kostanay, Kazakhstan	Akimat of Uzynkol district of Kostanay region	nurzhamal2015@ bk.ru
5	Zeinetullina Diana	Karaganda, Kazakhstan	Nura-Sarysu Basin Inspection for Regulating the Use of Water Resources Protection	zeinetullina.d@mi nagri.gov.kz
6	Urymbayev Kairat	Karaganda, Kazakhstan	Nura-Sarysu Basin Inspection for Regulating the Use of Water Resources Protection	urymbayev.k@ minagri.gov.kz
7	Iskakov Kanat	Karaganda, Kazakhstan	Department of Emergency Situations of Karaganda Oblast	kanat_270684@m ail.ru
8	Zhienbek Abdikayim	Shymkent, Kazakhstan	Kazvodkhoz, RSE, branch of the South-Kazakhstan region in Shymkent	abdikaiym@ gmail.com
9	Esanbekov Meyrzhan	Shymkent, Kazakhstan	Committee on Water Resources Ministry of Agriculture RK	meyr_1984@ mail.ru
10	Kozhamkulova Kulyan	Shymkent, Kazakhstan	Aral-Syrdarya Basin Inspection for Regulation of Water Resources Use and Protection	kojamkulova.k@m inagri.gov.kz
11	Koshkinbaev Nurlan	Shymkent, Kazakhstan	Department of Energy and Housing and Communal Services of South Kazakhstan	n.kushkinbaev@o ntustik.gov.kz

			Region	
12	Makhmetova Zhanar	Taldykorgan, Kazakhstan	Branch of RSE "Kazgidromet" for Almaty region	zhanara.mg@gmail.com
13	Yugai Irina	Taraz, Kazakhstan	The Kazakh Scientific Research Institute of Water Management	irisha-tz@mail.ru
14	Amantay kyzy Asel	Taraz, Kazakhstan	The Kazakh Scientific Research Institute of Water Management	Amantaikyzy_asel@mail.ru
15	Unaspekov Maulen	Almaty, Kazakhstan	Almaty Department of Public Health Protection in Transport	maulen140@mail.ru
16	Shaimerden Iliyaz	Almaty, Kazakhstan	Department of Ecology, Almaty	i.shaimerden@energo.gov.kz
17	Makulbekov Islam	Almaty, Kazakhstan	Department of Natural Resources and Environmental Management of Almaty	gorvodnik@mail.ru
18	Dengelbaev Erdos	Almaty, Kazakhstan	Balkhash-Alakol Basin Inspection	e.dengelbaev@msh.gov.kz
19	Tyrlybekov Erkin	Almaty, Kazakhstan	Balkhash-Alakol Basin Inspection	turlybekov.e@minagri.gov.kz
20	Mykhanov Abay	Almaty, Kazakhstan	Balkhash-Alakol Basin Inspection	mukanov.a@minagri.gov.kz
21	Musin Chingis	Almaty, Kazakhstan	Committee on Water Resources, Ministry of Agriculture of the Republic of Kazakhstan	china_91@mail.ru
22	Tolekova Aida	Almaty, Kazakhstan	Institute of Geography of the Republic of Kazakhstan	aidatol_86@mail.ru
23	Zagidullina Alfiya	Almaty, Kazakhstan	Institute of Geography of the Republic of Kazakhstan	zagidullina_a_88@mail.ru
24	Emirov Daniyar	Almaty, Kazakhstan	"Almaty Su" State Communal Enterprise	
25	Zhanabaeva Zhanat	Almaty, Kazakhstan	"Almaty Su" State Communal Enterprise	
26	Shayhedinov Nurzhan	Almaty, Kazakhstan	"Almaty Su" State Communal Enterprise	
Organizers				
27	Shakirzhanova Lubov	Almaty, Kazakhstan	UNESCO Chair on water resources management, German-Kazakh University	Shakirzhanova@dku.kz
28	Aleksandrovskaia Ekaterina	Almaty, Kazakhstan	UNESCO Chair on water resources management, German-Kazakh University	ekaterinaa@dku.kz
29	Dzhantemirova Dana	Almaty, Kazakhstan	The Academy of Public Administration under the President of the Republic of Kazakhstan, Almaty branch	zhanara.mg@gmail.com

Form of evaluation

How long before training did you receive an invitation?						
What else did you receive besides the invitation? (materials, manuals, etc.)?						
Were the objectives set out at the beginning of the training?	Yes	No				
Did the training correspond to its stated goals?	Yes	Partially	No			
Please leave your comments regarding the aims, objectives and results of the training						
Please rate by the following criteria, where 5 is the highest score, and 1 is the lowest		5	4	3	2	1
Overall quality of trainings	Excellent					poorly
Were the training methods appropriate?	Appropriate					Not at all
Is the content of the training useful for their application in your work?	Usefull					Useless
Did you receive information and knowledge that is new to you?	All					Not at all
How would you rate the presentations of the training?	High					Low
How would you rate the discussion during the training?	High					Low
Did you have an opportunity to discuss the issues that interest you?	Fully					Not at all
Would you recommend this training to your colleagues?	Absolutely					Not at all
What part of the training was the most important for you?						
Please, give us some recommendations on what could be improved in carrying out similar trainings next time.						
Please, evaluate the organization of the training in Almaty, by rating from 1 to 5						
Accommodation						
Transfer						
Dinner						
Coffe-breaks						
Logistic support						

Annex 4.

Curricula of the training for civil servants of the Republic of Kazakhstan (part 2 – Almaty Training).

№	Activities	Time period (dd/mm/year2018)	Executor
4	Development of a training plan in cooperation with the State Academy	10/03 –10/04	GKU/State academy
5	Drawing up a list of participants and maintaining correspondence with them	10/04-25/04	GKU/State academy
6	Logistic Support of the training (tickets, booking hotel, coffee-breaks, lunches, dinners)	25/04-15/05	GKU
7	Preparation and printing materials for the training (agenda, manuals, synopsis, list of participants, certificates etc.)	15/05 – 27/05	GKU
8	Training	28/05 – 30/05	GKU/State academy/National experts
9	Financial report of the conducted training	31/05 –20 /06	GKU
10	Narrative report writing	20/06 – 20/07	GKU