

**United Nations Development Programme**  
**Country: Kyrgyzstan, Kazakhstan**  
**Sustainable Development Programme**  
**2017 Annual Work Plan**



*Empowered lives.  
Resilient nations.*

**Project Title**            Enabling Transboundary Cooperation and Integrated Water Resources Management in the Chu and Talas River Basins

Kyrgyzstan: By the end of 2016 sustainable management of energy, environment and natural resources practices are operationalized.

**UNDAF Outcome:**        Kazakhstan: By 2015, communities, national and local authorities use more effective mechanism and partnership that promote environmental sustainability and enable them to prepare, respond and recover from natural and man-made disasters.

Outcome #2: Citizen expectations for voice, development, the rule of law and accountability are met by stronger systems of democratic governance

**Expected CPAP Output:**

- Output 2.5 - Legal and regulatory frameworks, policies and institutions enabled to ensure the conservation, sustainable use, and access and benefit sharing of natural resources, biodiversity and
- Indicator 2.5.2. Number of countries implementing national and local plans for Integrated Water Resources Management

**Implementing agency:**    United Nations Development Programme

**Brief Description:**

**Brief Description:** The project will enable integrated water resources management in the transboundary Chu-Talas basins, including development of the transboundary water commission of the Republic of Kazakhstan and the Kyrgyz Republic. This will represent a response to the threats posed by increasing water consumption to meet growing social, industrial and agricultural needs, compounded by climatic variability and change. Pressure on scarce water resources and aquatic ecosystems has been growing in recent years across the basins generating risks of conflicts between Kazakhstan and Kyrgyzstan over water allocation. The project will strengthen coordination and expand the role of transboundary institutions in balancing water uses and improving water quality and conservation of aquatic ecosystems, and strengthen monitoring capacity and technologies.

Project Period:	2015-2018
Key Result Area:	Energy & Environment
Atlas Project ID:	91092
Start Date:	June, 2015
End Date:	May, 2018
Management arrangements	DIM

<b>Total 2017 AWP Budget</b>	<b>\$426,325.00</b>
Total resources required:	
<b>GEF</b>	<b>\$426,325</b>

Approved by UNDP:

Ms. Aliona Niculita,  
Deputy Resident Representative

 27 JAN 2017

Signature:

Date:

## Annual Work Plan

United Nations Development Programme

Year - period: 01 January – 31 December 2017

Project ID: 91092

Project title: Enabling Transboundary Cooperation and Integrated Water Resources Management in the Chu and Talas River Basins

EXPECTED OUTPUTS Baseline, associated indicators and annual targets	PLANNED ACTIVITIES	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET				
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount (USD)		
									GEF	Other	
<b>Output 1: TDA including climate scenario analyses to inform adaptive management of the Chu-Talas shared water resources</b>											
<b>Gender Marker – 1</b>  Baseline: 1) At the moment there is not common understanding over transboundary issues in Chu-Talas river basins among the stakeholders in Kazakhstan and Kyrgyzstan 2) Currently there is no common understanding of possible future water resources scenarios in the basin. This hinders the decision making process on adaptation measures. 3) Currently, local governments and others stakeholders in both basins are not prepared to adequately respond to the possible social, economic and	<b>Activity Result 1.1: Science based consensus among the countries on major transboundary problems of the basin achieved</b>										
	<b>Action 1.1.1.</b> Provide international expertise on TD/SAP	X	X	X	X	CTWC Working Group on adaptation to climata change and longterm development programmes	GEF	SAP International Consultant	17 098,00		
	<b>Action 1.1.2.</b> Hold TDA/SAP transition workshop and training		X	X		CTWC Working Group on adaptation to climata change and longterm development programmes	GEF	organisational cost, Printing cost	4 004,00		
									<b>Subtotal:</b>	<b>21 102,00</b>	<b>0</b>
	<b>Activity Result 1.2: Improved understanding of the transboundary implications of the shared nature of the Basins' water resources</b>										
	<b>Action 1.2.1</b> Project Board, CTWC, Stakeholder Meetings with participation of women's networks and experts	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Organizational costs, travel	16500,00		
<b>Action 1.2.2</b> Provide support to CTWC Secretariat functioning	X	X	X	X	CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Local Consultants,	7801,00			
								<b>Subtotal:</b>	<b>24301,00</b>	<b>0,00</b>	

environmental implications and risks associated with the transboundary nature of the water resources of the basins and with increased climate variability and change

Indicators:

- 1) The TDA of the Chu and Talas Basins prepared jointly by the two countries, identifying issues of transboundary concern.
- 2) Considerations based on Water Scenarios, on climate variability and change and surface-water included into the TDA and SAP.
- 3) Program for seminars on climate change adaptation and integrated

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<b>Activity Result 1.3: Improved knowledge of the consequences of extreme weather situations.</b>										
<b>Action 1.3.1.</b> Development of the Scenarios of Water Futures with a focus on climate variability and on transboundary issues		X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Local Consultants,	9 900,00	
<b>Subtotal:</b>									<b>9 900,00</b>	<b>0</b>
<b>Activity Result 1.4: Capacitated local stakeholders ready to minimize negative consequences for economic sectors as well as the</b>										
<b>Action 1.4.1.</b> Discussion and development pilot capacity building programme including gender, human rights and conflict sensitive approaches	X	X				CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual services, printing cost	13402,00	
<b>Action 1.4.2:</b> Holding of the national capacity building events in two countries with possibility of gender specialist representation	X	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	organisational cost , local consultants	10000,00	
<b>Subtotal:</b>									<b>23402,00</b>	<b>0</b>
<b>TOTAL Output 1:</b>									<b>78705,00</b>	<b>0,00</b>
<b>Output 2: Building the foundation for broadened and improved bilateral water cooperation</b>										
<b>Activity Result 2.1: Visioning process and agreement on priorities for action opens the way for systematic cooperation in the integrated</b>										
<b>Action 2.1.1:</b> Development of the Strategic Action Program (SAP) and its approval by the countries at Ministerial level (Horizon 5 years) addressing main issues of transboundary concern and containing concrete actions (legal, policy, institutional reforms, and investments)	X	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	travels, organisational cost, printing	26 200,00	
<b>Action 2.1.2</b> Provide international expertise on SAP development	X	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	SAP International Consultant	25 000,00	

Action 2.1.3 Facilitate the establishment of national effective coordination mechanism among the various governmental sectors which have direct or indirect relevance for water resources management and protection					CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Local Consultants (IAA UNECE)	8 400,00	
<b>Subtotal:</b>								<b>59 600,00</b>	<b>0,00</b>
<b>Activity Result 2.2: Strengthened collaborative mechanism for bilateral cooperation framework or the further improvement of joint</b>									
Action 2.2.1 Assessment and identification possible ways to revise Statutes of the CTWC					CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	local experts	9000,00	
Action 2.2.2 Support to the joint (KR-RK) Environmental Expert Group with clear mandate and work plan with possibility of gender expert participation	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	organisational cost, travel	4500,00	
Action 2.2.3 The UNECE contributions on establishment (or strengthening of existing) of Inter-ministerial mechanism in each recipient country	X	X			CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual Services (IAA UNECE)	17000,00	
<b>Subtotal:</b>								<b>30500,00</b>	<b>0,00</b>
<b>Activity Result 2.4: : Project experiences and lessons disseminated globally and regionally</b>									
Action 2.4.2 Develop communication products/publications on Project and IWRM issues with promoting human rights, gender and conflict sensitivity considerations	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	printing cost	4 000,00	
<b>Subtotal:</b>								<b>4 000,00</b>	<b>0,00</b>

Activity Result 2.5. Twinning and experience sharing exchange with another transboundary basin, strategy for replication of best										
Action 2.5.1. Review of the best and most adaptable practices on transboundary basin management	X	X	X	X	CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual services		7000,00	
Action 2.5.2. The UNECE substantive contributions						GEF	Contractual services (IAA UNECE)		4200,00	
<b>Subtotal:</b>								<b>11200,00</b>	<b>0</b>	
<b>TOTAL Output 2:</b>								<b>105300,00</b>	<b>0</b>	

### Output 3: Strengthening capacity of water resources monitoring in the Chu and Talas River Basins

Baseline:

- 1) Currently latent conflict situations between Kyrgyzstan and Kazakhstan exist in regulation of water resources distribution and allocation, and pollution in both basins due to differences in technologies and procedures for monitoring the quantity and quality of water resources.
- 2) Currently, water monitoring is poor and sporadic based on limited number of observations and indicators. Staff has no capacity to use new monitoring technologies. No approved rules for transboundary water quality monitoring and information

Activity Result 3.1: Improved basis for the dialogue on transboundary water management on the basis of a better understanding of the										
Action 3.1.1 Assessment of present basis and situation of surface water quantity and quality monitoring in the two basins	X	X	X	X	CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	local consultants		5 000,00	
Action 3.1.2. Provide an International expertise in assessing water quality and quantity monitoring as well as in programming of activities	X	X	X	X		GEF	International Consultant		12 000,00	
<b>Subtotal:</b>								<b>17 000,00</b>	<b>0,00</b>	
Activity Result 3.2: Consensus on joint monitoring activities between the two countries.										
Action 3.2.1. Develop an agreed system of joint classification by water authorities which set requirements for water quality	X	X			CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	local consultants		5000,00	
Action 3.2.3. Develop harmonized requirements for methods and means of measurement of water quality, procedures and monitoring programs of water quality as well as control point and diffuse sources of pollution	X	X	X			GEF	Contractual services-individuals		15000,00	

exchange exist;

Indicators:

1) Report containing the assessment of present situation of surface and groundwater quantity and quality monitoring including redommendations for an harmonized system completed.

2) Reports containing (i) the assessment of capacity building needs in water resources monitoring; (ii) a program for ad hoc training of staff of the two countries; (iii) the results of the capacity building activities and events, including number of participants and results assessment

3) Formal agreement on harmonized monitoring and data exchange protocols in the two basins.

Targets:

1) The Reports containing the assessment of present situation of surface and groundwater

Action 3.2.4. Elaborate programmes on water quality improvement on respective territories of each country and the joint monitoring activities (quality and quantity)	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual Services	25000,00	
Action 3.2.5 Support joint working meeting on monitoring quantity and quality of water resources with taking into account gender balanced representation issues		X	X	X	CTTWC, MAM KR, ME RK, MA RK, SAEPF KR, Hydromets of KR and RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual Services	7000,00	
<b>Subtotal:</b>								<b>52000,00</b>	<b>0,00</b>
<b>Activity Result 3.3: Countries capacity built for improved coordinated monitoring.</b>									
Action 3.3.1. Development of the capacity building programme and training modules on water quantity and quality monitoring	X	X			CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual services	14000,00	
Action 3.3.2. Organization of training courses on improvement of water quality from main sources of pollution (wastewater treatment facilities, return and drainage waters) with invitation of experts from other countries	X	X	X	X	CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual services	16000,00	
Action 3.3.5. Organization of the public awareness campaign on water quality and quantity for all identified stakeholder groups including women	X	X	X	X	CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual services, printing	16000,00	
<b>Subtotal:</b>								<b>46000,00</b>	<b>0</b>

Activity Result 3.4 Formalization of agreement on coordinated monitoring and data exchange in the two basins											
<p>quantity and quality monitoring taking into account gender issues drafted and discussed at meeting of specialist.</p> <p>2a) The Program of Joint Monitoring as well as CB Program on Water quality monitoring taking into account gender issues are developed and trainings held</p> <p>2b) Twinning with other transboundary basins is in action</p> <p>3) Agreement between the two countries formalized by project completion.</p>	Action 3.4.1 The UNECE contribution to setting up the dialogue and formalisation of the agreement on monitoring and data exchange	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual services	21800,00		
	Action 3.4.2. Identify and set up rules and procedures for information and data exchange between countries on transboundary water courses	X	X	X	X		CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	Contractual services, local consultants	28200,00	
	Action 3.4.3. Provide an International expertise in development of water quality and quantity monitoring data exchange	X	X	X	X			CTWC, MAM KR, MA RK, SAEPF KR, NSC KR&RK, NAS, civil society and UNDP KGZ PMU, UNECE	GEF	International Consultant	26000,00
	<b>Subtotal:</b>									<b>76000,00</b>	<b>0</b>
<b>TOTAL Output 3:</b>									<b>191 000</b>	<b>0</b>	
<b>Total outputs 1-3</b>									<b>375 005</b>		
<b>PROJECT MANAGEMENT</b>											
Contractual services - individuals e.g. Project Coordinator									37520,00		
Contractual services - Companies									8000,00		
Audit Fee									3000,00		
Miscelanus									2800,00		
<b>Subtotal Project Management:</b>									<b>51320,00</b>		
<b>AWP 2016 GRAND TOTAL:</b>									<b>426 325</b>	<b>0</b>	

Approved by UNDP:

Ms. Aliona Niculita,  
Deputy Resident Representative

 27 JAN 2017  
Signature: Date: