

**“ROAD MAP”
PLANNED STEPS TOWARDS REALIZATION OF THE
IWRM PRINCIPLES
and
RATIONALE OF THE ESSENTIAL ACTIVITIES
IN THE KYRGYZ REPUBLIC**



BISHKEK – 2006

INTRODUCTION

The presented “road map” and rationale of the essential activities are the output of work of the national expert of UCC Water project in the Kyrgyz Republic and the National Group on Coordination and Support to the “IWRM – Fergana” project (NGCS IWRM), created at the end of 2005, within the framework of “IWRM-Fergana” project (SIC ICWC¹ – IWMI² under the SDC³ sponsorship). Experience and lessons learned by these specialists in introduction of the IWRM principles in the pilot objects of the “IWRM-Fergana” project have allowed them to work out the draft “road map” and rationale of the essential activities.

This “road map” describes process of the staged transition from vision to the IWRM plan. In the initial stage of the “road map” development the status of the national water resources management and the main provisions of the long-term program for water resources development in the Kyrgyz Republic⁴ have been assessed from the IWRM principles viewpoint in the context of the current socio-economic situation and taking into account the national vision of IWRM.

30 representatives from the key ministries and institutions participated in the Seminar #1 “Issues of intersectoral interaction in water use and transition to the integrated water resources management” (21.04.06, Bishkek). The following issues were reflected in the presentations and reports discussed at the seminar:

- IWRM objectives and tasks and the planned approaches to their implementation;
- Tasks of the National Group on Coordination and Support to the IWRM;
- Problems and conflicts in water resources management of the region and possible ways for their solution;
- Problems of reformation of water resources management and use;
- Problems associated with the state support to the WUAs;
- Problems of the aquatic ecosystems conservation;
- Role and place of the Hydro-meteorological Service and Hydropower in the IWRM system.

The participants of the seminar decided to entrust the national consultant to the UCC-Water jointly with the National Group on Coordination and Support to the Integrated Water Resources Management with preparation of the draft “road map” of activities aimed at transition to the IWRM for subsequent presentation of this draft at the regional seminar #1.

The draft national “road map” was discussed at the regional seminar on the subject “Speedup of IWRM – 2005 Objectives Implementation in Central Asia” (27-28.07.06, Bishkek). During discussions (which were continued at the joint UNEP and GWP seminar on methodology for managerial capacity building on 30-31.07.06) participants of the seminar made the constructive comments and proposals on the presented draft national “road maps” (need to stress the improvement of water use productivity, prepare rationale of the essential activities, social mobilization of stakeholders, etc.).

The draft “road map” and rationale improved in accordance with these comments were discussed at the final national seminar #2 “Draft road map of the staged transition to IWRM in Kyrgyzstan and the necessary actions” (22.09.06, Bishkek) and submitted to the key ministries and institutions.

Approvals were obtained from:

- The Main Administration of Hydro-meteorology of the Ministry of Emergency Situations of the Kyrgyz Republic (#729, 27.09.06)
- The State Agency for Environment Protection and Forestry (#01-6/2053, 02.10.06)
- The OAO “Electric Power Stations” (#011-4/13-614, 02.10.06)
- Ministry of Health of the Kyrgyz Republic (#04-1-1068, 04.10.06)
- The Ministry of Agriculture, Water Resources and Food Processing Industry (#01-4/2325, 09.10.06)
- The Ministry of Foreign Affairs (#025-17/4915, 09.10.06)

¹ Scientific Information Center of the Interstate Commission on Water Coordination

² International Water Management Institute

³ The Swiss Agency for Development and Co-operation

⁴ National report of the Kyrgyz Republic within the framework of UNEP on assistance and aid to the developing countries for achieving of implementation target of “Integrated Water Resources Management and Efficiency Plans by 2005”., GWP CACENA – UCC Water, Bishkek 2006, 29 pages.

- The State Agency on Geology and Mineral Resources of the Kyrgyz Republic (#01/1769, 12.10.06).

Further steps envisage submission of the “road map” and rationale to the international agencies at the final regional seminar #2 “Speedup of IWRM – 2005 Objectives Implementation in Central Asia” (29-30.11.06, Tashkent). Based on the results of discussions at this seminar these documents together with the protocol of seminar and letters of approval from the key ministries and institutions will be submitted to the Government of the Kyrgyz Republic to make decision on practical implementation of these activities.

THE KYRGYZ REPUBLIC (KR)

“ROAD MAP”

PLANNED STEPS TOWARDS REALIZATION OF THE IWRM PRINCIPLES IN THE KYRGYZ REPUBLIC

#	Necessary Actions	Objectives	Realization Time	Responsible Executors	Source of Financing
1. MANAGERIAL CAPACITY BUILDING					
The Essential Period (2007 - 2008)					
1.	Establishment of the State water administration within the framework of Water Code of the Kyrgyz Republic	<ul style="list-style-type: none"> - Capacity building for water resources management and execution of the unified state policy on use and protection of water resources both at the national and international levels; - Elimination of duplicated functions and authorities in the area of water resources management, which had been previously imposed on a number of ministries and agencies; - Elimination of sectoral dependence of the management body called to resolve the national tasks; - Ensuring the centralized strategic planning, organization and control over implementation of the complex of interrelated measures on regulation of water relationships, conditions and use of water resources and water management activities; - Detailed definition of responsibilities of the base management body for efficient realization of its functions. 	2007	The Department of water resources of the Ministry of Agriculture and Water Resources and Food Processing Industry of the Kyrgyz Republic, The National Water Council	The Republican Budget, International Grants
2.	Strengthening of the state supervision over conditions and use of water resources, establishment of the State water inspection.	Implementation of the preventive measures, control, and elimination of consequences resulting from violation of the water and nature protection legislation, norms and rules of water use and management.	2007	The State Water Administration, The Government of the Kyrgyz Republic	The Republican Budget

#	Necessary Actions	Objectives	Realization Time	Responsible Executors	Source of Financing
The Mid-term Period (2007 - 2012)					
3.	Establishment of the republican, basin and rayon commissions on irrigation and drainage.	<ul style="list-style-type: none"> - Consolidation of efforts of the republican, and local management bodies, water use entities from the irrigated agriculture sector, business and local communities aimed at the rehabilitation and further development of irrigation and drainage systems; - Ensuring of the practical realization of the decentralization and democratization principles of the irrigation and drainage systems management through the consistent transfer of functions and power to the lower levels of management; - Gradual decrease of the state budget financing on the basis of expansion of financing from the local budgets, and participation of WUAs, and the other independent business structures in maintenance and development of the irrigation and drainage infrastructure. 	2007-2009	The State Water Administration, The Republican Federation of the WUAs, the state local administrations of rayons and oblasts	The Republican and Local Budgets, Investments of Private Sector
4.	Establishment of the Dam safety commission	<ul style="list-style-type: none"> - Ensuring of the normative safety level of the strategically important objects of water infrastructure through systematic monitoring of their conditions and timely implementation of the adequate measures; - Consolidation of efforts and resources of the republican and local management bodies, construction and O&M organizations, as well as water use entities, aimed at rehabilitation, renovation and ensuring of safe O&M mode of dams and the other water infrastructure objects in accordance with the established list. 	2007-2009	The State Water Administration, Ministries and Agencies, Dam Owners	The Republican Budget, Possible Participation of the Neighboring Countries, Funds of the Dam Private Owners
5.	Organization of efficient interaction between the national water management bodies and energy sector and between the regional structures – IFAS, Joint Dispatch Center “Energy” and the Integration	<ul style="list-style-type: none"> - Establishment of the permanent joint governing and executive body of water management and energy sectors; - settlement of the main region’s water problems. 	2007-2009	The State Water Administration, The Council on energy policy under the Integration Committee of the Eurasian Economic Cooperation Organization	Possible Participation of the Neighboring Countries, International Grants

#	Necessary Actions	Objectives	Realization Time	Responsible Executors	Source of Financing
	bodies of the Eurasian Economic Cooperation Organization.				
The Long-term Period (2007 - 2025)					
6.	Realization of the National IWRM plan – introduction of the IWRM principles in the Kyrgyz Republic	Establishment of the water resources management system for sustainable social development taking into account the needs of nature.	2008-2018	The State Water Administration	International Grants, The Republican and Local Budgets
2. CREATION OF THE LEGISLATIVE AND POLITICAL ENVIRONMENT FOR THE IWRM					
The Essential Period (2007-2008)					
7.	Development of the National water strategy of the Kyrgyz Republic	Identification of the priority directions for development of internal and external water policy of the Kyrgyz Republic	2007	The State Water Administration, Ministries, Agencies	International Investments and Projects
8.	Development of the package of normative/legislative acts for realization of the water code of the Kyrgyz Republic	Introduction of the integrated water resources management principles into water sector	2007-2008	The State Water Administration, Ministries, Agencies	International Grants
9.	Development of the Kyrgyz Republic's concept of the National plan on IWRM.	Identification of the current situation and main problems in the water resources management system of the Kyrgyz Republic and possible ways for solution of these problems in the context of socio-economic reformations.	2007	The State Water Administration	International Grants
10	Development, coordination and approval of the National IWRM plan of the Kyrgyz Republic.	Development of complex of measures aimed at implementation of the IWRM principles in Kyrgyzstan in pursuance of the Paragraph 26 of the Plan for implementation of proposals of the World summit on sustainable development in Johannesburg (September 2002). (WSSD)	2007-2009	The State Water Administration, the National Water Council	International Grants

#	Necessary Actions	Objectives	Realization Time	Responsible Executors	Source of Financing
The Mid-term Period (2007-2012)					
11	Formation of the favorable investment climate in Kyrgyzstan	Attraction of the additional external investments and donor assistance for development of activities aimed at water management and protection	2007-2009	The Jogorku Kenesh (Parliament) of the Kyrgyz Republic, the State Water Administration	The Republican Budget
12	Streamlining the market mechanisms of water use	Unification of the contracting system of payments for services to deliver and dispose of water and the other works and services associated with water management and use.	2007-2010	The State Water Administration	The Republican Budget
13	Improvement of water use pricing and tariffing policy	Ensuring of the optimal reduction of financing from the state and local budgets taking simultaneously into account the dynamics of population and various categories of water user's real ability to pay for delivery of water, as well as the real cost of these services.	2007-2011	The Jogorku Kenesh (Parliament) of the Kyrgyz Republic, the Government of the Kyrgyz Republic, the State Water Administration	The Republican Budget, International Grants
14	Improvement of the state tariffication policy in water protection from pollution and depletion	Increase of water user responsibilities for environmental water use through introduction of the economic incentives mechanism for the rational use of water and reduction of polluted wastewater disposal	2007-2012	The State Water Administration, Ministries, Agencies	The Republican Budget
15	Development and realization of the efficient mechanism for economic incentives to activities aimed at introduction of water saving technologies and water protection.	Water saving at all levels of water hierarchy, productive and rational use of water resources taking into account the nature protection requirements	2008-2010	The State Water Administration, Ministries, Agencies	The Republican Budget
16	Elaboration of the Basin plans for development, use and protection of water resources	- Planning of water resources use at the basin level; - Selection of priorities in water use at the basin level; - Rationale of ways and methods for improvement of water use efficiency	2008-2012	The State Water Administration, Basin Councils and Water Administrations, the National Water Council	The Republican and Local Budgets, International Grants
17	Streamlining the ownership rights to the objects of water	Speedup of transfer with the ownership rights of water objects that are of the non-strategic importance to water	2008-2012	The State Water Administration, the	The Republican Budget

#	Necessary Actions	Objectives	Realization Time	Responsible Executors	Source of Financing
	infrastructure	user associations and the other independent entities for management, operation and maintenance		Ministry of Justice, Gosregistr, the Republican Federation of WUAs, the State Committee on Property of the Kyrgyz Republic	
The Long-term Period (2007-2025)					
18	Improvement of public awareness about use and protection of water resources, and measures aimed at its rational use and protection	Efficiency of decision making in water resources management, as well as improvement of public awareness level about use of water bodies and their conditions	2007-2015	The State Water Administration, the Ministry of Agriculture and Water Resources and Food Processing Industry of the Kyrgyz Republic, the State Agency for Environment Protection, The State Agency on Geology, the Ministry of Justice, Gosregistr, the Republican Federation of WUAs, NGOs	The Republican Budget, International Projects and Grants
3. ESTABLISHMENT OF STRUCTURE FOR THE BROAD PARTICIPATION OF STAKEHOLDERS IN WATER RESOURCES MANAGEMENT					
The Essential Period (2007-2008)					
19	Establishment of the organizations network of the Kyrgyzstan's National water partnership for their subsequent involvement in the Global water partnership	Assistance to development of water policy and strategy, dissemination of knowledge about IWRM, broad involvement of public in this process, managerial capacity building for progress in the IWRM national planning process	2007-2008	The State Water Administration, The Republican Federation of WUAs, NGOs	International Grants

#	Necessary Actions	Objectives	Realization Time	Responsible Executors	Source of Financing
The Mid-term Period (2007-2012)					
20	Establishment of the National and Basin water councils	<ul style="list-style-type: none"> - Ensuring the efficient coordination of interaction amongst all stakeholders and entities of water use sector; - Eliminating the acts of sectoral monopolism and corruption through collectivity and transparency of the strategically important managerial decision making; - Improvement of efficiency of managerial decisions approval; - Limitation of the state expenses for maintenance of management bodies, because activities of the National and Basin water councils should be carried out on the voluntary basis. 	2008-2011	The State Water Administration, Apparat of The Prime Ministers of the Kyrgyz Republic, The WUA Federations, Local State Administrations	International Grants and Projects, The Republican and Local Budgets
4. THE TECHNICAL AND TECHNOLOGICAL MEASURES					
The Long-term Period (2007-2025)					
21	Restoration and modernization of the national system for hydrological and hydrochemical monitoring of the surface and underground water conditions	Creation of proper conditions for execution of observations, inventory, assessment and forecasts of water resources in the Kyrgyz Republic for their management and conditions control	2007-2015	The State Water Administration, Ministries, Agencies	The Republican Budget, International Investments and Projects, Possible Participation of the Neighboring Countries
22	Strengthening of managerial, human, and material/technical capacity of monitoring over conditions and use of water resources.	<ul style="list-style-type: none"> - Development of the unified database on conditions and use of water resources for efficient planning and implementing the state water policy; - Encouragement of the additional investments attraction for the activities aimed at rational use and protection of water resources; - Establishment of system for staff training and advanced training. 	2008-2014	The State Water Administration	The Republican Budget, International Grants, Possible Participation of the Neighboring Countries

#	Necessary Actions	Objectives	Realization Time	Responsible Executors	Source of Financing
23	Assessment of water-energy regulation processes in the upper watersheds and their impact on environment in the Aral Sea basin	- Ecological assessment of water-energy regulation processes in the upper watersheds and their impact on environment of the whole basin; - solution of ecological problems.	2008-2010	EC IFAS, ICWC, ISDC, Interstate Water and Energy Commission, The State Water Administration (SWA)	The Republican Budget – Share in IFAS, International Grants
24	Development and approval of programs aimed at maintenance of the ecological balance in regard to water resources in the upper watersheds, as well as in the whole Aral Sea basin	- Solution of the aquatic ecosystem problems in the republic, as well as in the whole region	2009-2019	IFAS, ISDC, The State Water Administration, The State Agency for Environment Protection	International Grants, Possible Participation of the Neighboring Countries
25	Modernization of irrigation and drainage infrastructure with its subsequent transfer to water users and improvement of the irrigation application methods	Improvement of irrigation efficiency and productivity, involvement of water users in process of regular O&M of water infrastructure, reduction of environment pollution	2008-2016	The State Water Administration, the Ministry of Agriculture and Water Resources and Food Processing Industry of the Kyrgyz Republic	International Investments and Projects, Water User Funds
26	Reconstruction of existing and introduction of the new wastewater treatment systems	Reduction of polluted waters disposal into water bodies	2007-2025	The Local Administrations, Municipal Services	The Local Budget, International and Private Sector Investments
27	Introduction of ecologically clean production and water saving technologies in all sectors of economy	Rational use of water resources and reduction of wastewaters volumes	2010-2025	The Local Administrations, the State Water Administration, the State Agency for Environment Protection, Water Users, Business Structures	International and Private Sector Investments

**THE KYRGYZ REPUBLIC (KR)
RATIONALE OF THE ESSENTIAL ACTIVITIES**

Subject 1: MANAGERIAL CAPACITY BUILDING

Activity 1.

Establishment of the State water administration within the framework of Water Code of the Kyrgyz Republic

Objectives:

- Managerial capacity building for water resources management and execution of the unified state policy on use and protection of water resources both at the national and international levels;
- Elimination of duplicated functions and authorities in the area of water resources management, which had been previously imposed on a number of ministries and agencies;
- Elimination of sectoral dependence of the management body called to resolve the national tasks;
- Ensuring the centralized strategic planning, organization and control over implementation of the complex of interrelated measures on regulation of water relationships, conditions and use of water resources and water management activities;
- Detailed definition of responsibilities of the base management body for efficient realization of its functions.

Rationale:

The main disadvantage of the still operating water resources management system is the sectoral subordination of the key regulatory agency, the Department of water resources (DWR) of the Ministry of Agriculture and Water Resources and Food Processing Industry of the Kyrgyz Republic. As a consequence, over a number of years the DWR serves interests of the irrigated agriculture only, thereby violating the base principle of equal rights of all water relationship entities. Insufficient attention had been paid to the strategic problems of water protection from pollution and depletion, regulation of balance between supply and demand for water resources, incentives to water resources saving and efficient use, development of market mechanisms of water use, improvement of participation of public and the natural resource users in the solution of the above mentioned problems, etc.

Taking into account these conditions, the leading specialists from Kyrgyzstan jointly with the competent foreign experts have prepared the new legal basis for reformation of water resources management system. This document has passed through all the necessary stages of approval and reflected in the “Water Code” of the Kyrgyz Republic. According to the norms of this legislative act the national system of water relationships regulation should be drastically modernized.

Since the directions of reformation, envisaged by the “Water Code”, are very comprehensive their realization will require a long period of time and attraction of considerable financial and other resources. Thereby, it was recommended to the Government of the Kyrgyz Republic to implement a number of the high-priority institutional measures that will not require the significant investments from the state budget, but allow resolving the most urgent for Kyrgyzstan water problems in a more efficient manner.

In accordance with the Water Code the State Water Administration (SWA) is entrusted with the leading role in water resources management. By the decree of the Government of the Kyrgyz Republic the Department of water resources is appointed as an acting State Water Administration.

Approach:

Establishment of the State Water Administration envisages activities which will comprise four elements:

- 1) Working group will establish the new institutional structure, including preparation of detailed provisions on the State Water Administration, its rights and obligations and intersectoral interactions;
- 2) With support from the National Water Council director will form the key personnel for fulfillment of the functions specified in the “Water Code”;
- 3) Working group will provide the technical support required for formation of the State Water Administration as a body for water resources management in the Kyrgyz Republic and also establishment of secretariat of the National Water Council;
- 4) After staffing the State Water Administration will take over the responsibilities for a number of managerial functions, such as monitoring and reporting about water resources, development of the national information system, and recommendations to the National Water Council.

<p>Realization Time: From the beginning to the end of the first year (12 months)</p>
<p>Responsible Executors: The Department of Water Resources (DWR) The National Water Council</p>
<p>Results: The new body - State Water Administration established by the National Water Council in cooperation with the Department of Water Resources. Steady operating water distribution system and water law. Monitoring and reporting about water resources, development of the national information system</p>
<p>Necessary Resources: Estimated number of man-months: 72 man-months. Planned contribution from the Republic's budget: USD 100 thousand Planned contribution from potential sponsors: USD 350 thousand</p>

Subject 1: MANAGERIAL CAPACITY BUILDING

<p>Activity 2. Strengthening of the state supervision over conditions and use of water resources through establishment of the State water inspection</p>
<p>Objectives:</p> <ul style="list-style-type: none"> • Development of the unified database on conditions and use of water resources for efficient planning and implementing the state water policy; • Implementation of the preventive measures, preclusion, and elimination of consequences resulting from violation of the water and nature protection legislation, norms and rules of water use and management.
<p>Rationale: Water use licensing that was abolished in the republic in 2001, led to wasteful use of water resources, lack of reliable data on use of water, broke the existing system of statistical reporting on water and water use, and lack of data about a number of water users in the republic. Cases of the unauthorized water use and construction of water structures and devices, violation of the state property rights to water resources and water bodies/structures, and illegal use of water fund's land became more frequent. Currently the Water Inspection is established and operates, but without governmental status, and therefore, it can not operate in efficient manner. It has no right to check operation of economic entity-water users, as well as to issue a license for water use. Water use licensing is envisaged by the Water Code and this provision should be implemented.</p>
<p>Approach: Establishment of the State Water Inspection envisages activities which will comprise three elements:</p> <ol style="list-style-type: none"> 1) Working group will establish the new institutional structure, including preparation of detailed provisions on the State Water Inspection, its rights and obligations and intersectoral interactions; 2) Working group will provide the technical support required for formation of the State Water Inspection, subordinated to the State Water Administration, as a body for control over use of water resources in the Kyrgyz Republic; 3) After staffing the State Water Inspection will take over the responsibilities for a number of functions associated with supervision over conditions and use of water fund.
<p>Realization Time: From the beginning to the end of the first year (12 months)</p>
<p>Responsible Executors: The Department of Water Resources (DWR) The National Water Council</p>
<p>Results: The new body with the supervision status - State Water Inspection established by the National Water Council in cooperation with the Department of Water Resources. Steady operating system of the state control over water use.</p>

<p>Necessary Resources: The main part of work will be financed and carried out along with the establishment of the State Water Administration. The additional part of the necessary expenses will be distributed as follows: Planned contribution from the Republic’s budget: USD 20 thousand Planned contribution from potential sponsors: USD 60 thousand</p>

<p>Subject 2: CREATION OF THE LEGISLATIVE AND POLITICAL ENVIRONMENT FOR THE IWRM</p>

<p>Activity 7. Development of the National water strategy of the Kyrgyz Republic</p>
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| <p>Objectives:</p> <ul style="list-style-type: none"> • Identification of the priority directions for development of internal and external water policy of the Kyrgyz Republic; • Implementation of the preventive measures, preclusion, and elimination of the negative consequences resulting from violation of the water and nature protection legislation, norms and rules of water use and management. |
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<p>Rationale:</p> <p>From the second half of 1990s, based on a number of decisions of the Republican Government the repeated attempts were undertaken to develop various concepts and strategies for water resources use. Taking into account the strategic importance of water resources to the country, even the National Commission on water strategy issues under the President of the Kyrgyz Republic was established. According to the decision of this Commission the International Institute of Strategic Studies under the President of the Kyrgyz Republic was appointed as a head organization for development of the National Water Strategy.</p> <p>The list of the developed documents and responsible organization is provided below:</p> <ul style="list-style-type: none"> - The “Main provisions (concept) of the national water strategy of the Kyrgyz Republic (the Ministry of Agriculture and Water Resources and Food Processing Industry); - The “Concept of Integrated Use and Protection of Water Resources” (the Institute of water problems and hydropower of the National Academy of Science); - The “Strategy of national policy of the Kyrgyz Republic in regard to use of the transboundary water resources” (the Institute of water problems and hydropower of the National Academy of Science); - The “Strategy for cooperation and rational and efficient use of water/energy resources of the Central Asia” (SPECA project); - The “Water strategy of the Kyrgyz Republic” (the International Institute of Strategic Studies). <p>However, practice of involvement of the Ministry of Agriculture and Water Resources in drafting of water use concepts and strategies had proved to be irrational and did not provide the positive results due to priority for the ministry of its own sectoral interests. Therefore, it was impossible to take into account interests of all sectors of economy. Because many of issues associated with use of water resources are the competence of the other ministries and agencies the intersectoral coordination of priorities is required.</p> <p>The national water strategy is the official water policy of the government and therefore, it should be developed and approved by the relevant body and consistently implemented. Lack of the unified position of the government leads to different approaches of the state agencies to solution of these issues from the viewpoint of their sector specific interests.</p>
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| <p>Approach:</p> <p>Development of the National Water Strategy envisages activities which will comprise three elements:</p> <ol style="list-style-type: none"> 1) Working group under guidance of the State Water Administration and Institute of the Strategic Studies will prepare new and improve the existing drafts; 2) The State Water Administration as secretariat of the National Water Council will submit the draft to the President of the Kyrgyz Republic for consideration and approval; 3) After approval by the President of the Kyrgyz Republic this draft will become the document that reflects the country’s water management policy. |
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<p>Realization Time: From the beginning to the end of the first year (12months)</p>

<p>Responsible Executors: The Department of Water Resources (DWR) The National Water Council</p>
<p>Results: Normative legal act reflecting the official water policy of the government.</p>
<p>Necessary Resources: Estimated number of man-months: 80 man-months. Planned contribution from the Republic's budget: USD 15 thousand Planned contribution from potential sponsors: USD 60 thousand</p>

<p>Subject 2: CREATION OF THE LEGISLATIVE AND POLITICAL ENVIRONMENT FOR THE IWRM</p>
<p>Activity 8. Development of the package of normative/legislative acts for realization of the Water Code of the Kyrgyz Republic</p>
<p>Objective:</p> <ul style="list-style-type: none"> • Introduction of the integrated water resources management principles into water sector and realization of the Water Code's provisions
<p>Rationale:</p> <p>The Water Code of the Kyrgyz Republic dated 12.01.2005, envisages the main IWRM principles. It covers water resources management and the main types of water use. The Code also envisages principle of payments by water user the cost of water management and delivery, but not in the full amount due to low solvency of population.</p> <p>In accordance with the provisions of the Water Code of the Kyrgyz Republic around 29 normative/legislative acts of the bylaw nature should be adopted. As a result of well-known political events consideration and adoption of the prepared draft acts was delayed. Currently, out of 17 drafts only one act has been adopted. This normative act is a "hybrid" between two drafts. It identifies the staff of the National Water Council and approves its provision. At the same time in accordance with this act the Department of Water Resources of the Ministry of Agriculture and Water Resources and Food Processing Industry of the Kyrgyz Republic is appointed as an acting State Water Administration. In other words, the draft decrees of the Government and draft Orders of the President in regard to water resources issues have been not adopted and executed to the full extent.</p>
<p>Approach:</p> <p>Development of the package of normative/legislative acts envisages activities which will comprise two elements:</p> <ol style="list-style-type: none"> 1) Working group that comprises representatives from the ministries and agencies, as well as water users, under guidance of the State Water Administration will prepare new and improve the existing draft normative acts; 2) The State Water Administration as secretariat of the National Water Council will submit the draft normative acts to the relevant governmental body for consideration and approval.
<p>Realization Time: From the beginning to the end of the first year (12 months)</p>
<p>Responsible Executors: The State Water Administration (SWA) The National Water Council</p>
<p>Results: Adoption of all the normative/legislative acts and full realization of the Water Code, creation of the legal basis for proper operation of the State Water Administration.</p>

List of the Normative/Legislative Acts which are being Developed for Realization of Provisions of the Water Code of the Kyrgyz Republic

N	Title of Normative/Legislative Act
1.	“Provision on Activities of the Basin Council” with approval by a Decree of the Government of the Kyrgyz Republic
2.	“Provision on Identification of the Basin Water Administrations and Basin Water Councils’ Zone of Activities” with approval by a Decree of the Government of the Kyrgyz Republic
3.	“Provision on Procedures, Standards and Methods of Water Resources Monitoring” with approval by a Decree of the Government of the Kyrgyz Republic
4.	“Provision on the Frequency and Scope of Data Collection for Water Resources Monitoring” with approval by a Decree of the Government of the Kyrgyz Republic
5.	“Provision on Regulation of Activities Associated with Use of Water Resources” with approval by a Decree of the Government of the Kyrgyz Republic
6.	“Provision on Compensation to an Owner of Water Use License in Case of Abolition or Temporary Change of License” with approval by a Decree of the Government of the Kyrgyz Republic
7.	“Instruction for Establishment of Minimum and Maximum Rights to Water Delivery by Regions and Rayons” with approval by a Decree of the Government of the Kyrgyz Republic
8.	“Templates of the Standard Contract and Standard Annual Agreement for Water Delivery” with approval by a Decree of the Government of the Kyrgyz Republic
9.	“Provision on Mechanisms and Procedures for Delivery of Additional Water Volumes and Associated Changes of the Agreement” with approval by a Decree of the Government of the Kyrgyz Republic
10.	“Provision on Procedure for Calculation of Compensation Amount to Water User for Incomplete Delivery of Water” with approval by a Decree of the Government of the Kyrgyz Republic
11.	“Procedure of Payments for Water Delivery Services” with approval by a Decree of the Government of the Kyrgyz Republic
12.	“Provision on Borehole Drilling for Water Extraction” with approval by a Decree of the Government of the Kyrgyz Republic
13.	The Decree of the Government of the Kyrgyz Republic “On Establishment of Water Protection Zones on Rivers and Irrigation Systems of the Kyrgyz Republic
14.	The Decree of the National Water Council “On Criteria for Dam Classification in the Kyrgyz Republic and on Rating of Dams by Categories”
15.	The Decree of the Government of the Kyrgyz Republic “On Provision for Underground Water Protection from Pollution”
16.	The Decree of the Government of the Kyrgyz Republic “On Establishment of Minimum Ecological Requirements to the River Water Flows of the Kyrgyz Republic”
17.	The Decree of the Government of the Kyrgyz Republic “On Approval of Instruction for Maintenance of the State Ameliorative Cadastre of the Kyrgyz Republic”
18.	The Decree of the Government of the Kyrgyz Republic “On Draft Law of the Kyrgyz Republic “On Subsidies to Irrigation and Drainage”
19.	The Decree of the Government of the Kyrgyz Republic “On Approval of the List of the State Owned Irrigation and Drainage Systems and Water Structures”
20.	The Decree of the Government of the Kyrgyz Republic “On Procedure for Transfer with Ownership of the Irrigation and Drainage Systems or Their Parts to the Water User Associations”
21.	The Decree of the Government of the Kyrgyz Republic “On Content of the Unified Information System about Water Resources”

Necessary Resources:

Estimated number of man-months: 96 man-months.

Planned contribution from the Republic’s budget: USD 12 thousand

Planned contribution from potential sponsors: USD 50 thousand

Subject 2: CREATION OF THE LEGISLATIVE AND POLITICAL ENVIRONMENT FOR THE IWRM
<p>Activity 9. Development of the Kyrgyz Republic’s concept of the National IWRM plan</p>
<p>Objective:</p> <ul style="list-style-type: none"> • Identification of the current situation and main problems in the water resources management system of the Kyrgyz Republic and possible ways for solution of these problems in the context of socio-economic reformations
<p>Rationale:</p> <p>Development of concept of the Kyrgyz Republic’s National Plan for transition to the IWRM will be conducted prior to development of the plan itself, because development of the detailed plan can not be successful without identification of the current situation, problems and ways for their solution. Development of the concept and the National Water Strategy will be carried out in parallel and will require approximately six months.</p>
<p>Approach:</p> <p>Development of concept of the Kyrgyz Republic’s National Plan for transition to the IWRM envisages the activities that will be carried out in parallel with development of the National Water Strategy. These activities include a number of measures:</p> <ol style="list-style-type: none"> 1) Working group from the qualified representatives of stakeholders under the guidance of the International Institute of the Strategic Studies and on the basis of the available materials will prepare the draft Concept; 2) Several round tables with participation of the governmental bodies, civil society, international organizations and water users will be conducted for the comprehensive consideration of the concept that is being developed in order to take into account interests of all water users and government. 3) The prepared draft concept will pass through the independent international expertise; 4) The Concept of the National IWRM Plan will be submitted by the State Water Administration to the Government for consideration and subsequent approval.
<p>Realization Time: Six months from the beginning of the first year</p>
<p>Responsible Executors: The State Water Administration (SWA) The International Institute of the Strategic Studies under the President of the Kyrgyz Republic</p>
<p>Results: Final version of concept of the National Plan for transition to the IWRM for guidance in development of the detailed National Plan.</p>
<p>Necessary Resources: Estimated number of man-months: 30 man-months. Planned contribution from the Republic’s budget: USD 8 thousand Planned contribution from potential sponsors: USD 12 thousand</p>

Subject 2: CREATION OF THE LEGISLATIVE AND POLITICAL ENVIRONMENT FOR THE IWRM
<p>Activity 10. Development, coordination and approval of the National IWRM plan of the Kyrgyz Republic</p>
<p>Objective: Development of complex of measures aimed at implementation of the IWRM principles in Kyrgyzstan in pursuance of the Paragraph 26 of the Plan for implementation of proposals of the World summit on sustainable development in Johannesburg (September 2002) (WSSD)</p>
<p>Rationale: One of the main objectives of the Johannesburg plan is: “..... achieving of implementation target of “Integrated Water Resources Management and Efficiency Plans by 2005”. The Kyrgyz Republic could not achieve the implementation target of the Integrated Water Resources Management and Efficiency Plans by 2005 due to lack of the appropriate financing.</p>

Participation in the “Integrated water resources management project in the Fergana valley” has provided the possibilities to understand the IWRM principles and move towards their practical implementation as well as to involve public into the water resources management process.

- The first step towards the final restructuring of management at the canal level had been made. The agreement between the registered Water Users Council of the “Aravan-Akbura” canal and the Osh Basin Water Administration about transition to the joint canal management had been prepared. Draft agreement had been discussed at the National round table conducted in Bishkek on 3 February, 2006. It was recommended to both parties to sign it;
- The National coordination group on the IWRM had been created;
- The seminars for the members of the National Group for Coordination and Support had been conducted in the ICWC training center and in field in Osh (Fergana valley);
- A number of reviews on the National Experience in establishment of the WUAs had been prepared.

However, all these measures are of the local and preparatory nature. The detailed plan is required for the complete transition to the IWRM in the Republic.

Approach:

Development of the Kyrgyz Republic’s National Plan for transition to the IWRM envisages several stages of activities. Each stage includes implementation of a number of measures:

- I) Increase of public awareness about the IWRM, political will and support to reforms in water sector:
 - I.1. Development of the advocacy strategy;
 - I.2. Initiation of meetings with politicians, MM, civil society and donors;
 - I.3. Establishment of the national water partnerships as a driving force of the process;
 - I.4. Organization of a series of the purposeful seminars for participants of the national water partnership network;
 - I.5. Public awareness campaign.
- II) Creation of platform for the intersectoral coordination:
 - II.1. Draft platform for coordination;
 - II.2. Organization of working meetings and round tables;
 - II.3. Creation of the formal platform for network operation (status, regulations, communication procedures, etc.).
- III) Managerial and technical capacity building:
 - III.1. Development of information system (database, modeling);
 - III.2. Identification of the IWRM planning stages;
 - III.3. Assessment of the advanced training requirements;
 - III.4. Train the trainers in the IWRM aspects;
 - III.5. Development of the relevant initiatives system for creation of necessary “climate” for the IWRM;
 - III.6. Managerial capacity building (equipment, communication means, water metering devices, etc.).
 - III 7. Training courses for various stakeholders.
- IV) Overview of the current activities which may be used as a basis for the IWRM plan:
 - IV.1. Identification of the IWRM functions and assessment of the water management status;
 - IV.2. Identification of useful experience in the adjacent spheres of planning;
 - IV.3. Compilation and dissemination of information amongst stakeholders about the positive and negative experience in the IWRM planning.
- V) Development of the IWRM plan and strategy for transition to the new water management principles:
 - V.1. Reformation of policy, legal basis and financial mechanisms;
 - V.2. Creation of the relevant managerial structure with the well-defined tasks and responsibilities;
 - V.3. Development of the necessary management tools;
 - V.4. Identification of groups subjected to the positive and negative impacts as a result of reforms and selection of the most acceptable mechanisms for their adaptation;
 - V.5. Estimation of the necessary budget for realization of the IWRM plans;

<p>V.6. Restructuring of the existing budget lines;</p> <p>V.7. Use of the GWP ToolBox as a check list;</p> <p>V.8. Approval of the IWRM plan and strategy for the transition period;</p> <p>V.9. Establishment of national supervisory (coordination) group.</p>
<p>Realization Time: 24 months from the second half of the first year</p>
<p>Responsible Executors: The State Water Administration (SWA) The National Water Council</p>
<p>Results: The National Plan for transition to the IWRM and strategy for transition to the new principles of water resources management</p>
<p>Necessary Resources: Planned contribution from the Republic's budget: Som/USD _____ Planned contribution from potential sponsors: USD 845 thousand</p>

<p>Subject 3: ESTABLISHMENT OF STRUCTURE FOR THE BROAD PARTICIPATION OF STAKEHOLDERS IN WATER RESOURCES MANAGEMENT</p>
<p>Activity 19. Establishment of the organizations network of the Kyrgyzstan's National water partnership for their subsequent involvement in the Global water partnership</p>
<p>Objective:</p> <ul style="list-style-type: none"> • Assistance to development of water policy and strategy, dissemination of knowledge about IWRM, broad involvement of public in this process, managerial capacity building for progress in the IWRM national planning process
<p>Rationale:</p> <p>The main and acknowledged world theoretician in the IWRM principles is the Global Water Partnership. Establishment of the national water partnership with its subsequent involvement in the Global Water Partnership network will allow ensuring the broad participation of stakeholders in the water resources management process.</p> <p>The preliminary work is carried out within the framework of activities of the Regional Technical Advisory Committee of the Central Asian Countries and Caucasus (RTAC CACENA).</p>
<p>Approach: Establishment of the Kyrgyzstan's National water partnership organizations network is envisaged within the framework of the IWRM plan development.</p>
<p>Realization Time: From the beginning to the end of the first year (12 months)</p>
<p>Responsible Executors: The State Water Administration (SWA) NGOs dealing with water resources and ecology issues.</p>
<p>Results: Established network of the national water partnership.</p>
<p>Necessary Resources: This work can be carried out within the framework of development of the National IWRM plan.</p>

CONTACTS AND INFORMATION

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