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## **STAKEHOLDER ANALYSIS REPORT**

## CENTRAL ASIA NEXUS DIALOGUE PROJECT: FOSTERING WATER, ENERGY AND FOOD SECURITY NEXUS DIALOGUE AND MULTI-SECTOR INVESTMENT

Almaty 2017

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## I. Executive summary

1. This stakeholder analysis was undertaken for the project Central Asia Nexus Dialogue Project: Fostering Water, Energy and Food Security Nexus Dialogue and Multi-Sector Investment (The EU Nexus CA Dialogue project). The project is financed by the European Union and implemented by CAREC in partnership with IUCN.

2. The main objective of this stakeholder analysis is to identify key stakeholders as a mechanism to facilitate improvements to inter-sectoral cooperation on Water- Energy-Food security. Many of required changes will be delivered through implementation of project's Communication Strategy to raise awareness, trainings to build capacity, and influencing to improve legislation, policies, management guidelines and codes of practice on national and regional levels.

3. The methodology adopted for the analysis included reviewing existing project document, forming the preliminary list of stakeholders and undertaking national consultations, individual meetings and working group discussions. These meetings and discussions were used to identify the stakeholders' roles, interests in cooperation within project, as well as identification of challenges and opportunities for mainstreaming the WEF Nexus approach on policy level. Data obtained from these meetings and reviewing of documents led to the listing of communication activities. Those interventions that would facilitate the inter-sectoral national and regional dialogues will be also identified in the form of policy and training interventions.

4. For the purpose of this analysis, stakeholders classified within six broad categories were identified and the appropriate discussions were organized during national consultations and working meetings. The national consultations and Working Meetings was held in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan. Participants were approached to identify: i) the priority sectors for WEF Nexus, ii) relevant sectoral agencies and potential partner agencies; iii) challenges and opportunities for mainstreaming the Nexus approach.

5. The broad categories include stakeholders at the basin, national, regional and international levels. At the local level, associations of farmers and water users identified as project stakeholders in terms of implementation of pilot activities. At the regional level, the International Fund for Saving Aral Sea (IFAS), as well as Interstate Commission for Sustainable Development (ICSD) and ministries or agencies, responsible for energy, agriculture and water resources management were identified as a main project partners on national levels. State authorities, responsible for economic development, environment and attracting the investments were suggested as first priority stakeholders. The ministries of foreign affairs considered as bodies, responsible for coordination of regional activities. The engagement of scientific and research organisations is valuable in terms of development the scientific base, training activities and pilot testing for Nexus mainstreaming.

**Stakeholder Analysis Report** Central Asia Nexus Dialogue project: Fostering Water, Energy and Food Security Nexus Dialogue and Multi-Sector Investment

## II. Acronyms

ASBP	Aral Sea Basin Programme
CA	Central Asia
CAREC	Regional Environmental Centre for Central Asia
CAS	Central Asian State(s)
EbA	Ecosystem Based Adaptation
EC	European Commission
EC IFAS	Executive Committee of the International Fund for saving the Aral Sea
EU	European Union
EU-CA WGECC	EU-CA Working Group on Environment and Climate Change
EU Nexus CA Dialogue project	EU funded project "Central Asia Nexus Dialogue Project: Fostering Water, Energy and Food Security Nexus Dialogue and Multi-Sector Investment
GIZ	German Society for International Cooperation (Deutsche Gesellschaft für Internationale Zusammenarbeit)
GNS	Global Nexus Secretariat
ICSD	Interstate Commission for Sustainable Development
IFAS	International Fund for saving the Aral Sea
ISWG	Intersectoral working group
IUCN	International Union for Conservation of Nature and Natural Resources
IWM	International Water Management Institute
IWRM	Integrated Water Resources Management
NPDs	National Policy Dialogue
RCH	Regional Centre of Hydrology
REAP	Regional Environmental Action Plan
RMCCA	Regional Mountain Center of Central Asia
SIC ICSD	Scientific Information Centre of the Interstate Commission for
	Sustainable Development
TWRM	Transboundary Water Resources Management
UN	United Nations
UNDP	United Nations Development Programme
UNECE	UN Economic Cooperation for Europe
WEF	Water, Energy and Food
WECOOP	EU funded project "Coordination and strengthening of regional
	cooperation between the EU and Central Asia (CA) in Environment and
	Climate Change and Water"

#### III. Background to the Nexus Project

The Regional Environmental Centre for Central Asia is currently undertaking a project on Central Asia Nexus Dialogue Project: Fostering Water, Energy and Food Security Nexus Dialogue and Multi-Sector Investment in Central Asia (EU Nexus CA Dialogue project). The project is financed by the European Union and implemented by CAREC in partnership with IUCN.

Overall objective of the project is to render support to Central Asian countries in sustainable development and regional cooperation. The specific project objective is to create a multi-sectoral enabling environment to facilitate sustainable and climate-resilient investments for increased water, energy and food security in Central Asia.

The project's three-pronged strategy is devoted to achieve the following results:

Result 1: Nexus priority issues and possible responses and solutions at national and regional level are identified and prioritized;

Result 2: Regional institutions and capacities for multi-sectoral planning are strengthened;

Result 3: A list of WEF Security investment projects is established within a Nexus policy framework.

In this regard, the project will contribute to the development of an enabling political and technical environment for sustainable multi-sectoral investments aiming at increasing water, energy and food security in Central Asia while protecting the ecosystems. The project proposes a WEF Security Nexus approach that for now does not focus on current trade and markets existing in the region, but should be built on areas of mutual risk rather than direct economic cooperation. This includes climate change, disaster risk reduction, ecosystem services, possible common infrastructure, etc. that benefits countries nationally and regionally.

The Nexus Dialogue in CA will use the existing platforms and institutions in CA to discuss, test and promote WEF security, thus contributing to the development of those platforms and actors and ensuring better sustainability of the expected project outcomes. The project will provide a non-political platform for dialogues which helps countries to find new strategy(-ies) for cooperation and development. The project will unite the knowledge, expertise and skills of its implementing partners for properly designing the national and regional processes to meet expectations of national partners. In addition, the project will support IFAS in its efforts to become a stronger regional institute and inspire the inclusion of the WEF Nexus concept and projects into the fourth edition of the Aral Sea Basin Programme (ASBP-4) aligning activities with the priorities of national partners/beneficiaries.

The project will invite different sectors to share their actual development and infrastructure plans, to discuss the potential benefits of those projects across sectors and possible opportunities for other sectors to participate (to contribute to costs, make them more acceptable, broaden the set of beneficiaries, reduce negative externalities etc.). Joint development of pilot project(s) for their further investment (Phase II of the Nexus Dialogues Programme) will help to establish working inter-sectoral working relations and cooperation mechanism in each CAS.

The project supports the awareness raising and mobilize the skills of involved stakeholders to apply the WEF Nexus concept through building inter-sector working groups, supporting and facilitating their joint work for selection and elaboration of investment projects for the benefit of several sectors and countries.

#### IV. Objectives for the study

The objective of this study is to prepare a comprehensive stakeholder analysis for the WEF Nexus Dialogues Project. For the purpose of this study, stakeholders are defined as those organizations (international, regional, national, basin), sectors or groups of individuals which either benefit from or have positive or negative impacts upon the mainstreaming of inter-sectoral approach in policy making and enabling environment for attractive climate-resilient investments.

The stakeholder analysis was designed to provide detailed and comprehensive information as follows:

- Stakeholder type and specific;
- Needs for increased inter-sectoral cooperation, WEF Nexus and investment opportunities;
- Identify whether the action required is Communication, Training or Policy change

The Stakeholder Assessment Report will be used to prepare a comprehensive Communication and Capacity Building plan which will be published as separate reports. However, the Assessment should be considered as a working document and updated as the project progresses if required.

#### V. Methodology

Stakeholder analysis is a technique used to identify and assess the importance of key people, groups of people, or institutions that may significantly influence the success of an activity or implementation of the WEF Nexus Dialogues project. For the purpose of this study, stakeholders were defined as any group that benefits from or has an impact upon/influences inter-sectoral cooperation and WEF Nexus at basin, national and regional levels.

In line with this definition, stakeholder analysis was undertaken to identify and detail the stakeholders impacting the WEF Nexus with the view to plan to the necessary interventions to reduce these impacts (Figure 1).



#### Figure 1. Stakeholder Assessment steps

*Step I.* To begin the stakeholder analysis, a sound understanding of the activities linked with the WEF Nexus Dialogues Project was undertaken. This was done by reviewing project document, updated log frame and meeting reports;

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Central Asia Nexus Dialogue project: Fostering Water, Energy and Food Security Nexus Dialogue and Multi-Sector Investment





Interest of Stakeholder

Step II. Through analysis of existing institutional framework on national and regional levels and communications with Directors of CAREC Country Offices, map of stakeholders and classification them by their power and interest in WEF Nexus related issues was developed. For this purpose, the Power/Interest Grid tool used. The Power/Interest Grid contains four Each quadrant quadrants. gives an indication of the level and type of communication style with project's stakeholders (Figure 2).

*Step III.* For the purpose of gathering data, the National Consultations and Working Meetings was organized in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan. Representatives of stakeholders identified during Stage II were approached to brainstorm in the format of World Café on the following topics: i) the priority sectors for WEF Nexus, ii) relevant sectoral agencies and potential partner agencies; iii) challenges and opportunities for mainstreaming the WEF Nexus approach. These events were made from June- mid November 2017 and provided a bottom-up approach of data collection, as well as a realistic insight into the stakeholder impacts to the inter-sectoral cooperation and WEF Nexus;

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*Step IV.* For the analysis, all project stakeholders were classified within six broad categories and specific issues identified. The findings were reported in the Results section of this Report;

*Step V.* The results of this analysis presented in a report which examines all the aspects related to the identification of the stakeholder benefits, their positive and negative impacts and the requited policy, communication and training interventions.

#### VI. Roles of stakeholders in project implementation

A large number of stakeholders were consulted during the preparation of the Project, both at regional and national levels. The following groups have been identified as stakeholders with whom the project needs to engage with:

Stakeholders	Roles in Project Implementation										
Regional stakeholders (organizations/programs/projects)											
<b>Executive Committee of</b>	International Fund for Saving the Aral Sea is international organization formed for										
International Fund for	the purposes of development and financing of ecological and theoretical and										
Saving Aral Sea (EC IFAS)	practical projects and programs directed to environmental recovering of the										

Table 1. Role of project's stakeholders

Interstate Commission for Sustainable Development (ICSD), ICSD Secretariat, ICSD Scientific-Information centers (SICs)	situation in the districts exposed to the Aral Sea catastrophe impact as well as for the solving of general socio-economic problems of the region. The Executive Committee of the International Fund for Saving the Aral Sea (EC-FAS) has commenced to function since 1997. IFAS also includes two regional commissions: The Inter-State Commission for Water Coordination (ICWC) and the Inter-State Commission on Sustainable Development (ICSD) including their sub- ordinate units and other regional organizations, such as the Regional Hydrometeorological Centre, the Regional Mountain Centre, etc. Under the recommendations of the state-founders' governments the IFAS President approved the Fund's Board consisting of five members (1 member from each state), Revision Commission of IFAS – 5 persons (1 person from each state), Chairman of the Executive Committee of IFAS (10 members, 2 persons from each state). EC IFAS is a strategic partner of the project in order to promote the Nexus approach and projects into the only regional development programme – the Aral Sea Basin Plan. The EU Nexus CA Dialogue project will cooperate and support IFAS in its efforts to become a stronger regional institute and inspire the inclusion of the WEF Nexus concept and projects into the fourth edition of the Aral Sea Basin Programme (ASBP-4) aligning activities with the priorities of national partners/beneficiaries. The ICSD provides the political support for the initiative at the multi-country level and will provide one of the platforms for promoting sustainable practices in the region. More specifically, it (through its Secretariat and SICS) will participate in and closely cooperate with the project's ISWGs. It will contribute to (i) Project identification at the sector level and verification of project consistency with the applicable national strategies, action plans, master plans and other strategic documents; (ii) Defining the criteria for assessment of WEF security focus and transboundary/regional character; (iii) Completing the Investment Projec
	partners/beneficiaries.
Basin Water Organization (BWO) "Amudarya"	Basin Water Organization (BWO) "Amudarya" aimed to ensure the interstate and inter-sectoral water resources distribution were maintained to meet water demands of population and agricultural sectors in accordance with limits approved by ICWC members with account of water availability and environmental situation, and also operational control of keeping water supply limits and all set of organizational-technical measures related to these tasks as well as providing sanitary-ecological releases to Aral Sea and its coastal zone. BWO's activity is based on BWO Statute approved by ICWC, acting legislation of state-ICWC members, ICWC decisions, agreements, protocols, and other normative acts. It will support project activities with regard to identification, development and advocacy of WEF Nexus projects of transboundary/regional importance in the Amudarya river basin.
Basin Water	Basin Water Organization (BWO) "Syrdarya" aimed to ensure the interstate and
Organization (BWO) "Syrdarya"	inter-sectoral water resources distribution were maintained to meet water demands of population and agricultural sectors in accordance with limits approved by ICWC members with account of water availability and environmental situation,

Secretariat of the	and also operational control of keeping water supply limits and all set of organizational-technical measures related to these tasks as well as providing sanitary-ecological releases to Aral Sea and its coastal zone. BWO's activity is based on BWO Statute approved by ICWC, acting legislation of state-ICWC members, ICWC decisions, agreements, protocols, and other normative acts. It will support project activities with regard to identification, development and advocacy of WEF Nexus projects of transboundary/regional importance in the Syrdarya river basin. The Secretariat is a continuing ICWC work body, and functions in accordance with
Interstate Commission	the Agreement between Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and
for Water Coordination	Uzbekistan on Joint Management of Interstate Source Water Resources Use and
(ICWC)	Protection and Provision on an Interstate Commission for Water Coordination. Secretariat has a right: apply directly to ICWC members; and control BWO "Amudarya" and BWO "Syrdarya" protocol decisions fulfillment. It will support project in technical consideration with two BWOs of the WEF Nexus projects of transboundary/regional importance in the Syrdarya and Amudarya river basins accordingly.
Scientific Information	SIC ICWC is an information and analytical body, which develops methods and
Center (SIC) of ICWC	approaches of prospective development, improvement of water management and ecological situation in the basin. SIC ICWC is collaborating with a network of scientific and design organizations of the five countries of Central Asia, has national branches in three countries which, in turn, organize scientific and information exchange at the national level. Project team will cooperate with SIC ICWC in terms of information exchange on models and methods of WEF Nexus based water management, in particular, BIM model on water-energy nexus for Central Asia.
WECOOP2 project, EU	The second phase of the Regional Coordination and Support for the EU-Central Asia
	enhanced Regional Cooperation on Environment, Climate Change and Water (WECOOP2) project concentrate on improving and rationalizing policies and expanding the capacities of national ministries and government agencies active in this area. The project also seeks to enhance regional cooperation and engage the Central Asian partners in closer cooperation on environment protection and climate adaptation with the EU, in particular through the EU-Central Asia Environment and Water Cooperation Platform and the Working Group on Environment and Climate Change (WGECC). Till the project closure (January 2019), the cooperation with Nexus project team project will be focused in development and discussion of WEF nexus investment projects with IFIs.
CAMP4ASB project,	The development objective of the Climate Adaptation and Mitigation Program for
WB/CAREC	the Aral Sea Basin Project for Central Asia is to enhance regionally coordinated access to improved climate change knowledge services for key stakeholders (e.g., policy makers, communities, and civil society) in participating Central Asian countries, as well as to increase investments and capacity building that, combined, will address climate challenges common to these countries. The project comprises of three components and there are some opportunities to unite efforts and conduct a joint high-level event in the region. The methodology for assessing Climate Investments to be developed under the project, can be considered for assessing multisectoral investment projects.
Central Asia Energy-	CAEWDP strengthen the enabling environment to promote energy and water
Water Development Program (CAEWDP),	security at regional level and in the beneficiary countries. Structured along three pillars: (1) energy security; (2) energy-water linkages; and (3) water security the
WB/EC/Switzerland/UK/	program pursued three components since its inception in 2009: (a) supporting
US	investments; (b) institutions, capacity and dialogue; (c) data and diagnostic
	analyses. The outcomes of CAEWDP to be studied in order to understand the
	lessons and opportunities for The EU Nexus CA Dialogue project. WB project sites
	can be considered for study on Nexus benefits. Smart and easy to apply information

Systems to be considered as available tools for data management.GIZ regional Programs on:The GIZ Program "Regional Programme for Sustainable and Climate Sensitive Land Use for Economic Development in Central Asia" aims to integration of different forms of land use, such as pasture and forest management, and their economic valuation at both on the level of land users as well as on the level of national economic account. Program support ICSD Secretariat in the process of updating the REAP, facilitation dialogue and stakeholder's engagement and EU Nexus CA Dialogue project will be engaged in REAP related dialogues as per project Component#2. The GIZ Program "Transboundary Water Asia", Phase III focuses primarily on strengthening regional institutions and sustaining the experiences gained in the provious phases. The EU Nexus CA Dialogue project will cooperate with TWRM Program in supporting IFAS in its efforts to become a stronger regional institute and inspire the inclusion of the WEF Nexus concept and projects into the fourth edition of the Aral Sea Basin Programme (ASBP-4) aligning activities with the priorities of national partners/beneficiaries.Regional Mountain (RMCCA)Regional Mountain Center as an element of ICSD structure was established in 2008 by initiative of Kyrgyzstan and Tajikistan. The RMCCA promotes cooperation in the Central Asia region for mountain ecosystems conservation and the sustainable use of natural resources and works to improve the socio-economic conditions in mountain areas by providing policy support and by promoting cooperation with other mountain regions. Taking into consideration, that role of CA mountains in
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other mountain regions. Taking into consideration, that role of CA mountains in
ensuring water, energy & food security, mountains deserve special attention in the
water-energy-food-nexus discourse. The EU Nexus CA Dialogue project will
cooperate with RMCCA in promotion of nexus knowledge base to support in
development of strategies (e.g. updated REAP) and decision-making in managing
trade-offs & promoting synergies. The cooperation will be established in terms of
Regional Centre ofRegional Centre of Hydrology (RCH) of the Executive Committee of IFAS was founded
Regional Centre ofRegional Centre of Hydrology (RCH) of the Executive Committee of IFAS was foundedHydrology (RCH)in 2002 by the decision of the Board of the International Fund for saving the Aral Sea.
The main purpose of RCH is to improve the system of hydro-meteorological
forecasting, environmental monitoring and data exchange between the National
Hydromets in the region. The EU Nexus CA Dialogue project will cooperate with RHC
in terms of information exchange and awareness raising.
International Water IWMI is a non-profit, scientific research organization focusing on the sustainable
Management Institute use of water and land resources in developing countries. It is headquartered in
(IWMI), regional office Colombo, Sri Lanka, with regional offices across Asia and Africa. IWMI works in
in Central Asia partnership with governments, civil society and the private sector to develop
scalable agricultural water management solutions that have a real impact on
poverty reduction, food security and ecosystem health. The EU Nexus CA Dialogue
project will cooperate with IWMI office in Uzbekistan in the area of awareness
raising and capacity building on the WEF nexus model, developed by IWMI, which
focuses on analysis of cost-benefit analysis of investment solutions.
National Ministries/Agencies/Groups           Lead National         The main national partner institutions differ from country to country:
Lead NationalThe main national partner institutions differ from country to country:Ministries/Institutions- Kazakhstan: The Ministry of Agriculture, Department of Transboundary Water
Management;
- Kyrgyz Republic: The Ministry of Economy (still under consideration);
- Tajikistan: The Ministry of Energy and Water Resources;
- Turkmenistan: The Secretariat of EC IFAS;
- Uzbekistan: The Ministry of Water Resources.
Other National         These groups involved in the project are: environmental agencies/committees,
<b>ministries /Institutions</b> agricultural departments, irrigation and water management divisions, economy and
investment agencies, scientific research, etc. They are members of ISWG and have

	diverse roles in their respective ministerial and departmental bodies and in different countries.
Government institution	Kazakhstan: National Commission for Women, Family and Demographic Policy
responsible for issues	Kyrgyzstan: National Council on Gender and Development
concerning women	Tajikistan: Committee on Women and Family Affairs
and/or gender equality	Turkmenistan: Women's Union of Turkmenistan
	Uzbekistan: Women's Committee of Uzbekistan
EC IFAS country	EC IFAS branches are established in each IFAS state to facilitate in the
branches	implementation of the EC IFAS activities at national levels. The branches interact
	with the state, public and other organizations, legal and physical entities and
	facilitate in expanding collaboration related to the Aral Sea basin problems. The EU
	Nexus CA Dialogue project will cooperate with EC IFAS country branches in terms of
	information exchange and awareness raising with regard of ASBP-4 project
	implementation.
	International organisations
UNECE	Parties to the UNECE Water Convention decided on assessments of water-food-
	energy-ecosystems nexus to be carried out in the framework of the Convention on
	the Protection and Use of Transboundary Watercourses and International Lakes
	(Water Convention). The Syrdarya, sub-basin of the Aral Sea Basin in Central Asia,
	was assessed in 2015. The assessment aimed to promote transboundary cooperation
	by identifying intersectoral synergies that could be further explored and utilized and
	determines policy measures and actions that could alleviate tensions or conflicts
	related to the multiple uses of and needs for common resources. The nexus
	assessment is also intended to assist countries in optimizing their use of resources,
	to increase efficiency and to ensure greater policy coherence and co-management.
	UNECE's nexus assessment methodology will be the relying tool to guide partners to
	apply it in practice for a pilot project, if needed.
	Moreover, number of projects on Regional Dialogue and Cooperation on Water
	Resources Management in Central Asia are implementing in Central Asia by UNECE.
	In particular, the existing National Policy Dialogues (NDPs) on IWRM and Water
	Supply and Sanitation (WSS), which are facilitated by the OECD and UNECE are
	considered as very relevant and already established inter-sectoral platforms, which
	can be used for organisation of Nexus session/ discussion dedicated to the Nexus
	issues once a year in Kazakhstan, Kyrgyzstan, Tajikistan and Turkmenistan.
UN Environment Sub-	UN Environment has a long-standing partnership with ICSD and supports it in
Regional Office in	following areas: (i) Strengthening of ICSD roles and structures; (ii) Up-date of the
Central Asia	Regional Environment Action Plan; (iii) Review/assessment of the process of
	ratification of the Central Asia Framework Convention on "Environment
	for Sustainable Development"; (iv) Support to a regional green economy & SCP (incl.
	10 YFP approach); (v) Support to a regional waste management approach. The EU
	Nexus CA Dialogue project will cooperate with UN Environment in supporting the
	revision of REAP and development of its implementation mechanisms.
OECD	The existing National Policy Dialogues (NDPs) on IWRM and Water Supply and
	Sanitation (WSS), which are facilitated by the OECD and UNECE are considered as
	very relevant and already established inter-sectoral platforms, which can be used
	for organisation of Nexus session/ discussion dedicated to the Nexus issues once a
	year in Kazakhstan, Kyrgyzstan, Tajikistan and Turkmenistan.
	Moreover, the What-If Model, developed through a case study on Shardara multi-
	purpose water infrastructure (MPWI) in Kazakhstan (see map), including water
	reservoir and associated water systems: portable water supply system and several
	irrigation canals, Hydro-electric station and flood protection system. WHAT-IF
	model could be of interest of experts working on water and nexus or involved in
	environment & water related modelling work.
	Additionally, Green Task Force meeting are also important to highlight the progress

	of implementation the EU Nexus CA Dialogue Project, since usually all the donors and national governments are participating in annual meeting of Task Force.
	Scientific and expert community
Non-Governmental Organizations (NGOs)	The number and areas of interest of the public sector is diverse. They include a host of community-based organizations (CBOs) such as water users associations, pasture users associations, forestry community, watershed /catchment committees, Dehkan Associations, Farmers associations, community-based seed enterprises and small machinery entrepreneurs, women initiative groups, etc. The EU Nexus CA Dialogue Project will cooperate with NGOs in the frames of pilot testing the WEF Nexus approach on local level.
Key Universities and Scientific Research Institutes	Research, universities, training centers and other institutions that has capacity and interest for application of WEF nexus approach and conduct research. The EU Nexus CA Dialogue Project will cooperate with Key Universities and Scientific Research Institutes in the frames of capacity building, awareness raising and pilot testing the WEF Nexus approach.
Thematic experts	Experts in the area of water, energy, land resources management, economic and investment planning, as well as agriculture production and food security will be engaged for the EU Nexus CA Dialogue Project
	Private Sector
Small and medium size businesses (SMEs)	Either independently or in partnerships with Governments, can invest at any scale in both commercial agriculture and electricity supply. At a small scale, the focus could be out-grower programs and value chains which include small producers. As scale increases, there will be various opportunities for commercial investments including Public Private Partnerships. Representatives of SMEs will be engaged into pilot testing the WEF Nexus approach and invited on IsWG meetings.
	nternational Financial Institutions and development funds
	(details are provided in the Table 2.)
Investment Facility for CA (IFCA) European Investment	IFCA, set up in 2010 as part of the Development Cooperation Instrument (DCI), is one of the instruments to support the EU Strategy for Central Asia. The Facility aims at leveraging funds with eligible Financing Institutions for investment projects through blending mechanism in key infrastructures in the energy and environment sectors. IFCA works as a major partner for project environmental development in CA region as it helps beneficiaries by technically supporting their project development ideas as well as assisting in bringing together different potential donors and investors, which in turn helps to increase chances for successful realization of a project idea. The EU Nexus CA Dialogue will involve IFCA in regional dialogues on multisectoral investment projects. The EU Nexus CA Dialogue project will cooperate with IFCA in terms of multisectoral investment projects. In Central Asia, EIB is currently active in Tajikistan, Kazakhstan and most recently,
Bank (EIB)	Kyrgyzstan. The loans provided by the EIB come from the lending window for Asia provided under the mandate from the Council and European Parliament for the period 2014-2020, out of which EUR 182 million has been made available for use in Central Asia The EU Nexus CA Dialogue project will cooperate with EIB in terms of multisectoral investment projects.
The European Bank for Reconstruction and Development (EBRD)	One of the key funding channels of EBRD includes the IFCA which plays a central role in supporting EBRD activities in Central Asia. It covers Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan and Uzbekistan, and is aimed at promoting investments in the energy, small and medium-sized enterprise (SME) and social sectors. The EU Nexus CA Dialogue project will cooperate with EBRD in terms of
The World Bank (WB)	multisectoral investment projects. The WB is a part of the World Bank Group. It provides low-interest loans, zero to

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	low-interest credits, and grants to developing countries. The EU Nexus CA Dialogue project will cooperate with WB in terms of multisectoral investment projects.
The Asian Development Bank (ADB)	ADB's clients are ADB's member governments, who are also ADB's shareholders. ADB assists its members and partners by providing loans, technical assistance, grants and equity investments to promote social and economic development. The EU Nexus CA Dialogue project will cooperate with ADB in terms of multisectoral investment projects.
The Asian Infrastructure Investment Bank (AIIB)	AllB is a new multilateral financial institution founded to bring countries together to address the daunting infrastructure needs across Asia. provide or facilitate financing to any member, or any agency, instrumentality or political subdivision thereof, or any entity or enterprise operating in the territory of a member, as well as to international or regional agencies or entities concerned with economic development of the Asia region." Four countries of CA region (Kazakhstan, Kyrgyz Republic, Tajikistan and Uzbekistan) are regional member of the Bank. The EU Nexus CA Dialogue project will cooperate with AIIB in terms of multisectoral investment projects.
The German Development Bank (KfW)	KfW Development Bank works with many countries on behalf of the German Federal Government to fight poverty and climate change and protect the environment. Support is provided for efficient financial institutions that help small and medium-sized enterprises create jobs. The EU Nexus CA Dialogue project will cooperate with KfW in terms of multisectoral investment projects.
The French Development Agency (AFD)	AFD's mandate is limited to Uzbekistan and Kazakhstan. The EU Nexus CA Dialogue project will cooperate with AFD in terms of multisectoral investment projects.
Green Climate Fund (GCF)	GCF aims to catalyse a flow of climate finance to invest in low-emission and climate- resilient development, driving a paradigm shift in the global response to climate change. GCF aims at engaging directly with both the public and private sectors in transformational climate- sensitive investments. The EU Nexus CA Dialogue project will cooperate with GCF in terms of multisectoral investment projects.

The EU Nexus CA Dialogue project will closely cooperate with International Financial Institutions and development funds, represented in the Central Asia, in terms of understanding the requirements and preparation of multisectoral projects for investments under Nexus Dialogues Program Phase II. The matrix of relevant project's stakeholders from International Financial Institutions and development funds (Table 2.) has been developed on the basis of Investor's Guide<sup>1</sup>, which aimed to provide structured guidance for Central Asian professionals on development of bankable project proposals.

<sup>&</sup>lt;sup>1</sup> The document has been prepared in the framework of the European Union funded project Regional Coordination and Support for the EU-Central Asia enhanced Regional Cooperation on Environment, Climate Change and Water (WECOOP 2)

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#### Table 2. Matrix of International Financial Institutions and development funds

Name of	Guiding principles	Thematic areas (with regard to WEF security)					Geographical focus Scale of (in Central Asia) financing					
financial institution		Ener gy secu rity	Environ ment and CC	Water and Sanitatio n	Agricul ture	Other	national	regional		Funding types	Contact	Comments
The EU Investment Facility for Central Asia (IFCA)	Leveraging funds with eligible Financing Institutions (AFD, EBRD, EIB, ADB, KfW), for investment projects contributing to inclusive and sustainable growth through blending mechanism	+	+	-	-	Social infrastructu re (incl. health and education)	Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan and Uzbekistan	projects covering two or more of CA countries		<ol> <li>investment co-financing in public infrastructure projects</li> <li>loan guarantee cost financing</li> <li>interest rate subsidy</li> <li>technical assistance</li> <li>risk capital operation (the two last ones being financed as part of a specific investment operation or as an envelope made available to the EIB).</li> </ol>	Web-site	IFCA may support the implementation of bilateral Indicative Programmes in CA
European Investment Bank (EIB)	Finance and expertise for sustainable investment projects that contribute to EU policy objectives	+	+	+	-	local private sector developme nt, in particular support to SMEs.	External Lending Mandate (political risks are guaranteed by the European Union) for Kyrgyzstan and Tajikistan	n/a	above EUR 25 million- financed directly, for smaller projects- credit lines to selected financial institutio ns	<ol> <li>Loans</li> <li>Lending: guarantees, microfinance, equity investment, etc.</li> <li>Blending: EIB support unlocks financing from other sources, particularly from the EU budget. This is blended with loans to form a full financing package.</li> <li>Advising: EIB helps with administrative and project management capacity to facilitate investment.</li> </ol>	Web-site Marco Beros: Lead Engineer, EIB - m.beros@eib.org Umberto del Panta: EIB - u.delpanta@eib.org	Eligible projects in the energy sector: expansion, modernisation and upgrading of infrastructure and procurement of equipment for: 1.Gas and oil networks leading to improved performance and increased safety and security of gas supplies to the EU 2.Oil and gas extraction facilities, where EIB funding will focus on equipment and infrastructure for environmental protection purposes. 3. Electricity generation plants and electricity transmission lines, providing substantial

Name of		Thematic areas (with regard to WEF security)					Geographical focus Scale of (in Central Asia) financing					
financial institution	Guiding principles	Ener gy secu rity	Environ ment and CC	Water and Sanitatio n	Agricul ture	Other	national	regional	Funding types	Funding types	Contact	Comments
												energy saving and environmental protection benefits. Eligible projects in the <b>environmental sector</b> : expansion, modernization and upgrading of infrastructure and procurement of equipment for energy saving as well as schemes leading to a significant improvement of the environment
	Climate Action & Environment Facility (CAEF)	RES and ener gy effici ency	GHG carbon capture, transport ation or storage	-	-	Projects contributin g substantiall y to security of EU energy supply	Kazakhstan and Uzbekistan	n/a	2014- 2020: €1.5 billion	- Loans	Web-site	own Risk Facility (no guarantee from the European Union) for investment grade projects
European Bank for Reconstruction and Development (EBRD)	supporting economic development and fighting poverty	+	- (incorpor ated environm ental and social requirem ents)	+	+	- Solid waste treatment - Promoting cross- border cooperatio n, - Facilitating foreign direct investment resulting in technology and know-	Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan and Uzbekistan	n/a	n/a	- Loans - Equity investments - Guarantees - Blending mechanism through Investment Facility for Central Asia (IFCA)	Web-site Veronica Pimper: Associate Manager, Multilaterals, Donor Co- Financing, EBRD - pimperv@ebrd.com James Falzon: Associate, Energy Efficiency and Climate Change, EBRD - falzonj@ebrd.com Daniele Senzanonna: Principal Manager, EBRD Brussels office - Senzanonnad@ebrd.co m Morgane Moreau: Associate Manager, EBRD Brussels office - moreaum@ebrd.com	provide finance and technical assistance specifically aimed at addressing environmental and social issues

Name of financial institution		Thematic areas (with regard to WEF security)					Geographical focus Scale of (in Central Asia) financing					
	Guiding principles	Ener gy secu rity	Environ ment and CC	Water and Sanitatio n	Agricul ture	Other	national	regional	morenig	Funding types	Contact	Comments
						how transfer					Alexander Rogachevsky: Principal banker, EBRD - rogachea@ebrd.com Robert Adamczyk: Associate Director, Senior Environmental Advisor, EBRD - adamczyr@ebrd.com Alkis Vryenios Drakinos: Head of the EBRD Resident Office in Uzbekistan - drakinoa@ebrd.com Igor Petrov: Associate Banker, EBRD - Petrovl@ebrd.com Abbas Ofarinov: Principal Banker, Infrastructure, Russia and CA, EBRD - OfarinoA@ebrd.com	
World Bank (WB)	financial and technical assistance to developing countries to achieve by 2030 the following goals: 1. End extreme poverty by decreasing the percentage of people living on less than \$1.90 a day to no more than 3% 2) Promote shared prosperity by fostering the income growth of the bottom 40% for every country	+	- (incorpor ated environm ental and social requirem ents)	+	+	- Education - Health - Trade - Transportat ion	Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan and Uzbekistan	+	n/a	<ul> <li>Investment Project Financing provides IBRD Ioan, IDA credit/grant and guarantee financing to governments for activities that create the physical/social infrastructure necessary to reduce poverty and create sustainable development.</li> <li>Development Policy Financing provides IBRD Ioan, IDA credit/grant and guarantee budget support to governments or a political subdivision for a program of policy and institutional actions to help achieve sustainable, shared growth and poverty reduction.</li> <li>Program-for-Results links</li> </ul>	Web-site Gayane Minasyan: Lead Environment Specialist, World Bank - gminasyan@worldb ank.org Christina Leb: Senior Water Resources Management Specialist, CAEWDP Program Manager, World Bank - cleb@worldbank.org Manon Pascale Cassara: World Bank - mcassara@worldba nk.org	The World Bank Group consists of the following five institutions: - The International Bank for Reconstruction and Development (IBRD) lends to governments of middle-income and creditworthy low-income countries. - The International Development Association (IDA) provides interest- free loans – called credits – and grants to governments of the poorest countries. - The International Finance Corporation (IFC) provides loans, equity, and

Name of		Т	hematic area	as (with rega	rd to WEF s	ecurity)	Geographical focus Scale of (in Central Asia) financing					
financial institution	Guiding principles	Ener gy secu rity	Environ ment and CC	Water and Sanitatio n	Agricul ture	Other	national	regional	inditeing	Funding types	Contact	Comments
										disbursement of funds directly to the delivery of defined results, helping countries improve the design and implementation of their own development programs and achieve lasting results by strengthening institutions and building capacity. - Trust funds and grants allow scaling up of activities, notably in fragile and crisis-affected situations; enable the Bank Group to provide support when its ability to lend is limited; provide immediate assistance in response to natural disasters and other emergencies; and pilot innovations that are later mainstreamed into the Bank's operations. - Private sector options for financing, direct investment and guarantees are provided by MIGA and IFC. - Customized options and risk management		technical assistance to stimulate private sector investment in developing countries. - Multilateral Investment Guarantee Agency (MIGA) provides guarantees against losses caused by non-commercial risks to investors in developing countries. - The International Centre for Settlement of Investment Disputes (ICSID) provides international facilities for conciliation and arbitration of investment disputes.
Asian Development Bank (ADB)	ADB in partnership with member governments, independent specialists and other financial institutions is focused on delivering projects in developing member countries that create	+	+	+	+	<ul> <li>transport</li> <li>communi- cations</li> <li>Education</li> <li>Disaster Risk</li> <li>Manageme nt</li> <li>urban</li> <li>developme</li> </ul>	Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan and Uzbekistan	+	n/a	<ul> <li>loans</li> <li>technical assistance</li> <li>equity investments</li> </ul>	Web-site Giovanni Capannelli: Country Director, Kazakhstan Resident Mission, Asian Development Bank - gcapannelli@adb.or g	Regional Cooperation and Integration (RCI) is a process by which national economies become more interconnected regionally, accelerate economic growth, reduce poverty and economic disparity, raising productivity and employment, and

Name of financial institution	Guiding principles	Т	hematic are	as (with rega	rd to WEF s	security)	Geographical focus Scale of (in Central Asia) financing					
		Ener gy secu rity	Environ ment and CC	Water and Sanitatio n	Agricul ture	Other	national	regional		Funding types	Contact	Comments
	economic and development impact.					nt						strengthening institutions
	Asian Development Fund	+	+	+	+	<ul> <li>policy support and reform;</li> <li>production capacity,</li> <li>human developme nt,</li> <li>good governance</li> <li>capacity building for developme nt</li> <li>manageme nt; -</li> <li>regional cooperatio</li> <li>n</li> </ul>	Kyrgyz Republic, Tajikistan	-	n/a	grants	Web-site	As a co-financing for investment projects
Asian Infrastructure Investment Bank (AIIB)	improve social and economic outcomes in Asia and beyond by investing in sustainable infrastructure and other productive sectors	+	+	+	+	- cross- border infrastructu re, ranging from roads and rail, to ports, energy pipelines and telecoms across Central Asia	Kazakhstan, Kyrgyz Republic, Tajikistan and Uzbekistan	+	n/a	<ul> <li>Sovereign and non-sovereign</li> <li>backed Financing</li> <li>Equity Investment</li> <li>Preparation Advances for</li> <li>Sovereign-Backed Financing</li> </ul>	Web-site	

Name of financial institution	Guiding principles	т	hematic are	as (with regar	rd to WEF s	ecurity)	Geographical focus Scale of (in Central Asia) financing					
		Ener gy secu rity	Environ ment and CC	Water and Sanitatio n	Agricul ture	Other	national	regional		Funding types	Contact	Comments
	AIIB Project Preparation Special Fund	+	+	+	+	- cross- border infrastructu re, ranging from roads and rail, to ports, energy pipelines and telecoms across Central Asia	Kazakhstan, Kyrgyz Republic, Tajikistan and Uzbekistan	+	n/a	-grants	Web-site	-to support and facilitate the preparation of projects to be financed by AIIB -In exceptional circumstances, for preparing innovative/complex projects, regional/cross- border projects that have significant regional impact and benefit other members, or non- sovereign backed transactions where there is a demonstrable need.
German Development Bank (KfW)	to help partner countries fight poverty, maintain peace, protect both the environment and the climate and shape globalisation in an appropriate way	+	+	+	-	- urban developme nt - health - education	Uzbekistan, Kyrgyzstan and Tajikistan	-	n/a	<ul> <li>Development loans (reduced- interest loans)</li> <li>Promotional loans (for projects that are effective when it comes to development policy and viable in economic terms for which, however, funding is not available from the commercial banking sector (e. g. due to long financing terms required)</li> </ul>	Web-site	The financial support is tailored to the circumstances in the respective partner country. The funding model selected will be determined depending on the size of a country's debt, its economic output and level of development, the performance capacity of the project partner as well as the type of project.
	German Financial Cooperation grants	+	+	+	-		poor and poorly developed countries (need to check CA case)		n/a	- grants - very low-interest standard loans		
French Development	provision of financial assistance according to France's Overseas	+	+	+	-	healthcare, digital technology,	Uzbekistan and Kazakhstan	-	n/a	<ul> <li>Loans, which terms are determined depending on the type of project and its</li> </ul>	Web-site Fanette Bardin: Regional Coordinator	

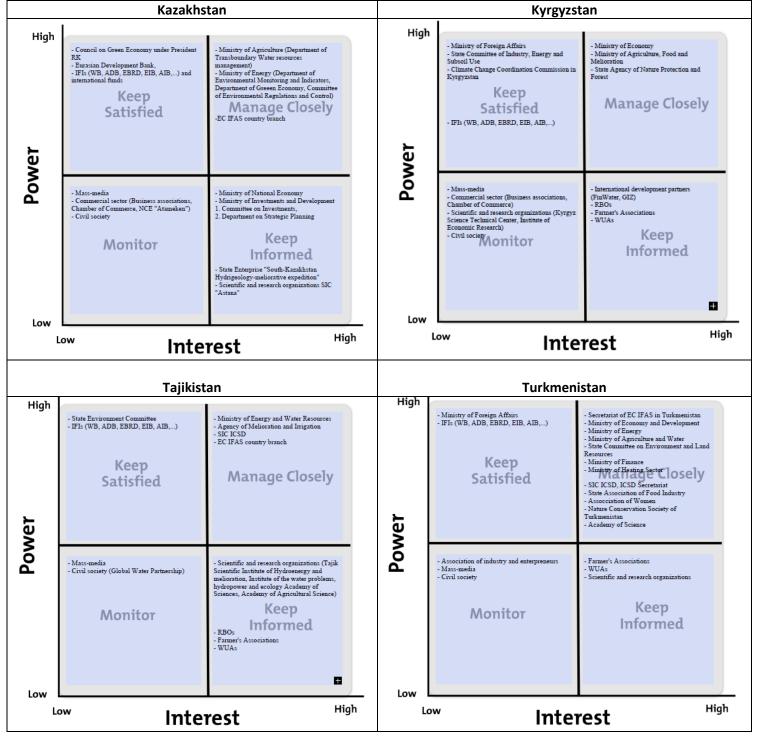
Name of financial institution	Guiding principles	Т	hematic are	as (with rega	rd to WEF s	ecurity)	Geographical focus Scale of (in Central Asia) financing					
		Ener gy secu rity	Environ ment and CC	Water and Sanitatio n	Agricul ture	Other	national	regional		Funding types	Contact	Comments
Agency (AFD)	Development Assistance policies, including projects aimed at reducing poverty and inequalities, promoting sustainable economic growth, and preservation "Global Public Goods" of benefit to all humanity.					professiona I training,				<ul> <li>environment (impact and political, economic, social and environmental context) and the quality of the borrower (sector, rating, guarantees);</li> <li>Guarantees for financing for companies and bond issues conducted on the markets by financial institutions or certain States;</li> <li>Grants to finance actions in the social sector (health, education), initiatives for rural and urban development, and infrastructure projects.</li> </ul>	for Central Asia, French Development Agency - bardinf@afd.fr Raphael Jozan: AFD - jozanr@afd.fr	
Green Climate Fund (GCF)	to catalyse a flow of climate finance to invest in low- emission and climate-resilient development, driving a paradigm shift in the global response to climate change	+	+	+	+		Kazakhstan, Kyrgyz Republic, Tajikistan and Uzbekistan	+	n/a	- Grants - concessional loans, - subordinated debt - equity guarantee	Web-site	GCF aims at engaging directly with both the public and private sectors in transformational climate-sensitive investments. GCF engages directly with the private sector through its Private Sector Facility (PSF), benefiting from the capacity to bear significant climate-related risk, allowing it to leverage and crowd in additional financing
	Readiness Programm	-	+	-	-	- developme nt of National Climate Change	Kazakhstan, Kyrgyz Republic, Tajikistan and Uzbekistan	+	n/a	- Grants	Web-site	

Name of	Guiding principles	т	hematic area	as (with regar	d to WEF s	ecurity)	Geographical focus (in Central Asia)		Scale of financing			
financial institution		Ener gy secu rity	Environ ment and CC	Water and Sanitatio n	Agricul ture	Other	national	regional		Funding types	Contact	Comments
						Adaptation Plans - activities aimed at enhanceme nt of the ability of a Direct Access Entities						
	Project Preparation Facility (PPF)	+	+	+	+	project and programme preparation costs	Kazakhstan, Kyrgyz Republic, Tajikistan and Uzbekistan		up to USD 1.5 million	grants and repayable grants	Web-site	

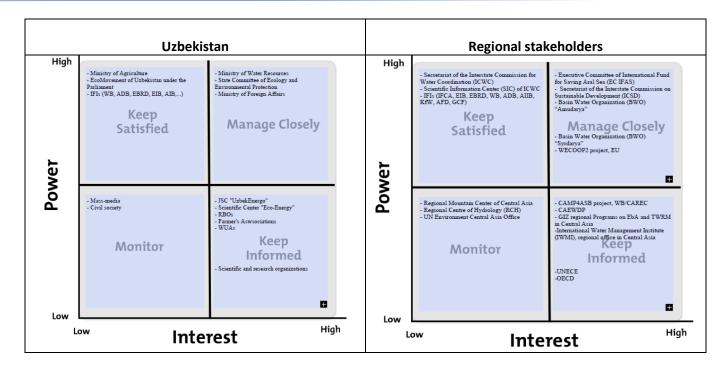
# Central Asia Nexus Dialogue project: Fostering Water, Energy and Food Security Nexus Dialogue and Multi-Sector Investment

On the second stage, the analysis of existing institutional national and regional framework, as well as discussions with Directors of CAREC Country Offices lead to development of the maps of stakeholders and classification them by their power and interest in WEF Nexus related issues. The Power/Interest Greed tool (Figure 3) provides the basis for identification of communication, engagement and capacity building activities (Annex 1). In particular, for institutional gap analysis and capacity building needs assessment.

Figure 3. Stakeholder's Power/Interest Grid



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#### VII. Conclusions and Recommendations

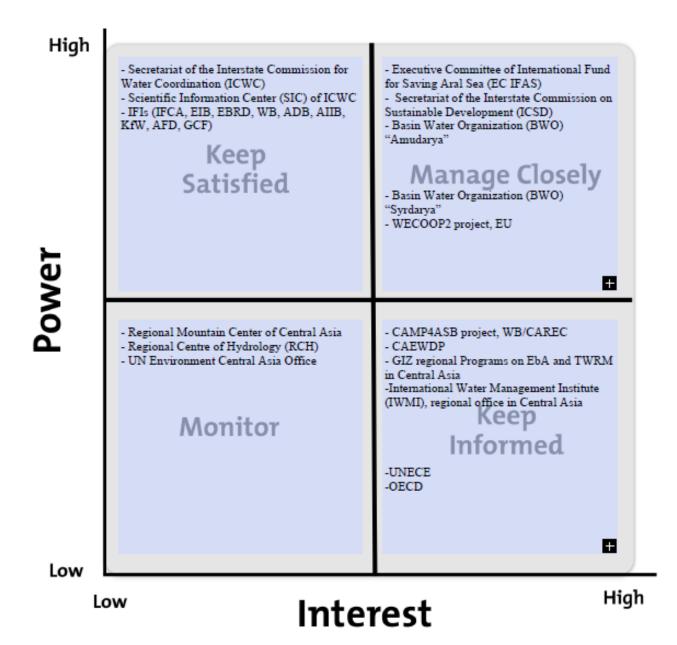
Based on the findings of the Stakeholder Analysis, the following conclusions and recommendations are made.

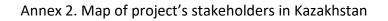
- 1. The project should include a broad and diverse number of stakeholders with representatives of line ministries, the regional organisations, private sector and civil society, International Financial Institutions, Multilateral Development Banks and when relevant, international institutions;
- 2. EU Nexus CA Dialogue Project's key players have to be engaged in project implementation and decision making on regular basis. Those group of stakeholders with low power, but high interest have to be also involved into project implementation as a supporters/ambassador in their area of interest/capacity. Stakeholders with high power, but low interest in project implementation will be communicated on regular basis in order to increase their interest in project by raising awareness on project's recent and future developments. Low priority stakeholders will be communicated to keep them updated.
- 3. The Institutional Gaps Analysis for multi-sectoral investment planning and implementation in Central Asia will look into existing institutional arrangements and mechanisms at the national and regional level and provide recommendations with a view to improving effective dialogue on WEF Nexus in Central Asia and improving cross-sectoral and regional planning;
- 4. The Capacity Development Needs Assessment will look into existing capacities and gaps and propose priority actions for capacity development on WEF Nexus. The assessment will primarily focus on building institutional capacity for WEF Nexus at the national and regional level.
- 5. Design, develop and deliver relevant awareness programs and communication campaigns through an effective Communication Strategy. The findings from this Stakeholder Analysis will be used to design and develop a Communication Strategy that will detail activities for raising awareness, communication campaigns and detailed strategies for implementing these activities.

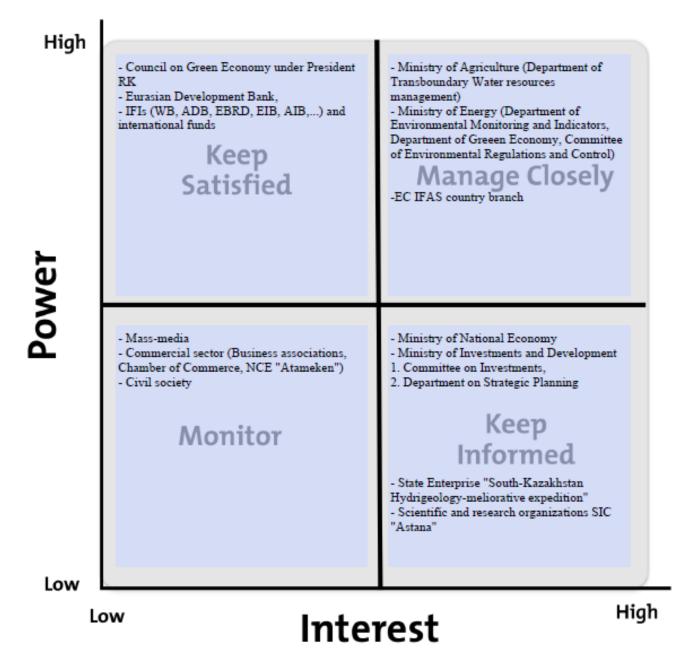
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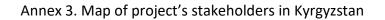
#### VIII. Annexes

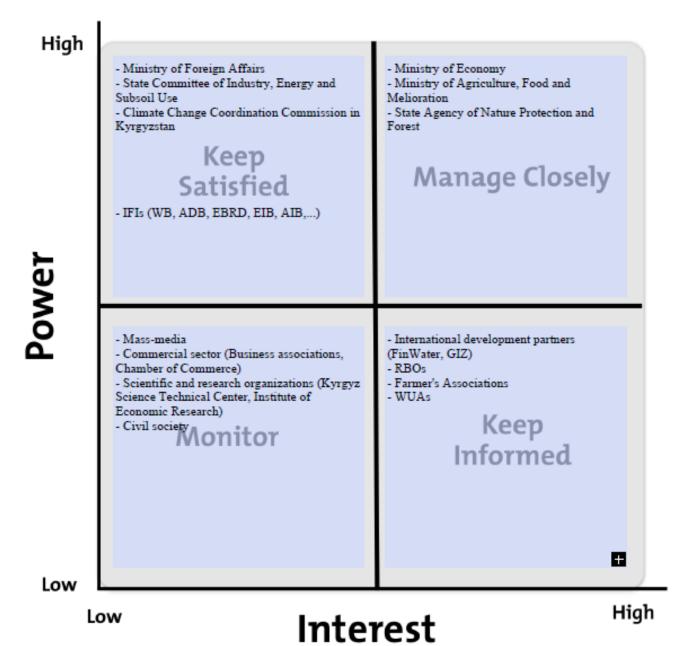
Annex 1. Map of regional project's stakeholders

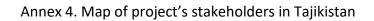


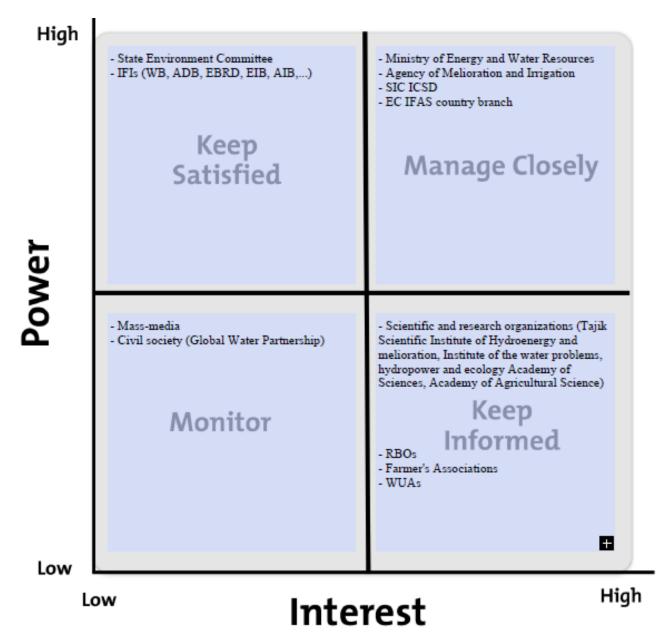






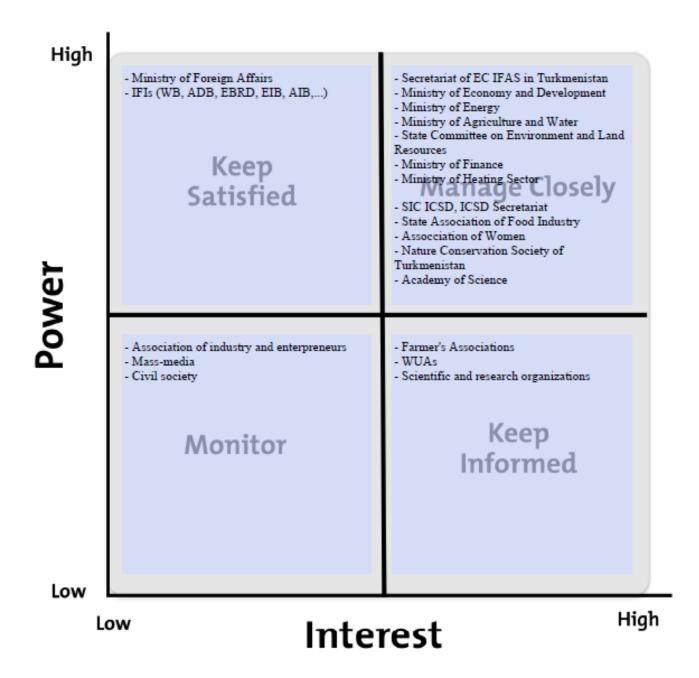


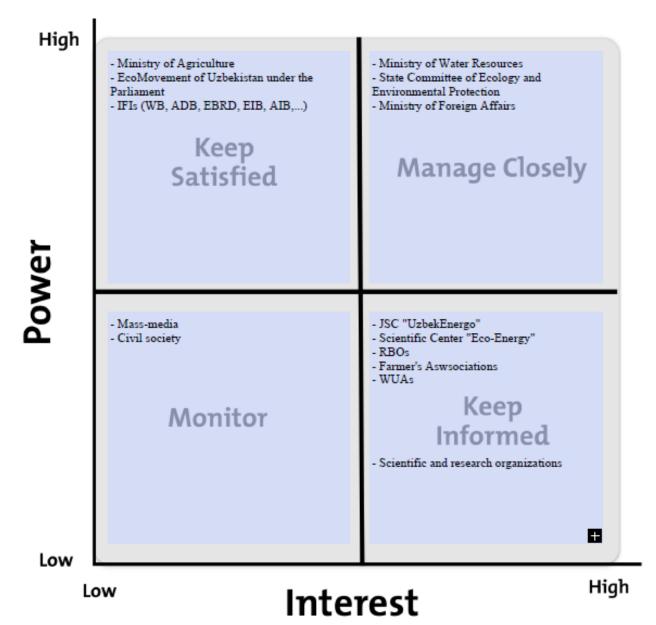




Stakeholder Analysis Report Central Asia Nexus Dialogue project: Fostering Water, Energy and Food Security Nexus Dialogue and Multi-Sector Investment

Annex 5. Map of project's stakeholders in Turkmenistan





#### Annex 6. Map of project's stakeholders in Uzbekistan