

## Water is important!

### Consultation for the Kura river basin upstream Mingachevir Dam



Azerbaijan
Kura River basin upper Mingachevir Reservoir Dam
Kura River Basin / Caspian Sea
15,315 km <sup>2</sup>
1,625,000 inhabitants
Main tributaries: Ganikh (Alazani), Balakanchay, Katekhchay, Talachay, Kurmukchay, Shinchay, Kishchay, Ayrichay; Gabirri (Iori), Agstafachay, Tovuzchay, Zayamchay, Shamkirchay, Goshgarchay, Ganjachay

A River Basin Management Plan (RBMP) is currently under preparation for the Kura river basin upstream Mingachevir dam. This important process will define, for the coming years the main actions to implement in your river basin in order to protect water resources from overexploitation, pollution and to improve monitoring and governance in order to ensure a sustainable development and the health of population.

#### How can a River Basin Management Plan improve water resources?

A river basin is a proven framework to deal with sustainable water management. As water stands at the heart of the challenges around food security, economic development, energy generation and climate change, the process of planning at river basin level sought to coordinate these competing water uses in a river basin to find a balance with social expectations and environment protection.





### Give your opinion!

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#### 1. Could you underline the 3 most important issues according to you?





- Overexploitation of water resources
- Discharge of untreated wastewaters
- Release solid wastes to river banks
- Diffuse pollution from agriculture
- Car washing in river
- Lack of monitoring data to assess qualitative and quantitative impacts
- Ecosystems restoration for providing free services
- Adapted governance for integrated resources management

**2. Can you give a number to each of the measures proposed in the RBMP according to their importance (1= high, 2= medium, 3= low)?**

MAIN ISSUES	MEASURES	IMPORTANCE 1= high 2 = medium 3 = low
<p><b>Overexploitation of water resources</b></p> <p>Use your brain! Save water!</p>  <p>Excessive water use</p>	Assessment of state of water abstraction infrastructure (canals, pipes, etc.) and rehabilitation to minimize water losses	
	Installation of water meters on water abstraction infrastructure	
	Develop methodology, implementation, controls of environmental flows	
	Develop water allocation plans to share resources equitably	
	Reconsidering water use tariffs for drinking and irrigation purposes	
	Development and enforcement of regulation on surface and ground water abstraction and impoundment	
	Develop a reforestation project for sub basins where forest degradation significantly impacted to flow regime	
<p><b>Discharge of untreated wastewaters</b></p>  <p>No! Untreated waste waters! Organic pollution!</p>	<i>Households</i>	
	Rehabilitation of Waste Water Management System, including construction/renewal of sewage collection system, building and operating wastewater treatment plants for main towns (including nearby settlements) in Central Kura (Ganja, Gadabay, Shamkir and Gazakh) and Ganikh (Balakan, Gakh and Sheki) sub basins	
	Assessment of needs for construction of waste water treatment system in secondary cities and settlements of Central Kura and Ganikh sub basins with population over 2000 inhabitants	
	Compliance with standards as regards connections	
	On-site sanitation development	
	Improvement of sludge management	
	<i>Industries</i>	
	Update and enforcement of regulations for industries of major cities and large industrial areas (Gadabay, Dashkesan mining area, Ganja aluminium plant and others) to meet requirements of waste discharge permits treatment of hot spots, chlorinated solvents, removal of PCBs, priority substances, etc.	
	introduction of best available technologies, directory of activities, systematic and continuous monitoring of compliance of industrial units with the waste discharge permits	
	<i>Storm water management</i>	
<p><b>Release solid wastes to river banks</b></p> <p>Do not litter!</p>  <p>Waste pollution</p>	Elaboration of sustainable solid waste management plan for landfills of large cities	
	Organizing regional waste management body with its branches in each city	
<p><b>Diffuse pollution from agriculture</b></p>  <p>Oh! Oh dear! Chemical pollution</p>	Improvement uses of pesticides and fertilisers by raising awareness and training of farmers, application of code of good agricultural practices, development of establishment of organic farms	
	Complying with standards for animal husbandry, manure management (incl. storage for application during indicated periods)	
	Land use to reduce erosion and transfer of pollutants to rivers, to protect drinking water intakes, buffer strips along the rivers with restricted activities	



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<p><b>Car washing in river</b></p> <p>Where did you come from?</p>  <p>Water pollution</p>	<p>Adopting and enforcing a legal act prohibiting car washing in river</p>	
<p><b>Lack of monitoring data to assess qualitative and quantitative impacts</b></p> 	<p>Development and implementation of monitoring system for surface water and groundwater, quantity and quality</p> <p>Development of monitoring of the impact of human activities (discharges, abstractions)</p>	
<p><b>Ecosystems restoration for providing free services</b></p> <p>Let me free!</p>  <p>Hydromorphological alterations</p>	<p>Restoration/protection of river banks, restoration of river sections, maintenance of rivers and wetlands</p> <p>Land acquisition (wetlands, banks)</p> <p>Reduction of use of river bed materials and river bed changing activities</p> <p>Restoration of the continuity of water flows, sediments transportation and migration of species via improvement of ecological conditions, suppression/ reduction/ management of dams, creation of fish pass</p>	
<p><b>Adapted governance for integrated resources management</b></p> <p>Every drop counts</p>  <p>Water saving</p>	<p>Division of country into river basin districts and creation of national and basin level institutions to develop and implement RBMPs</p> <p>Inspections of activities that impact water resources (discharges, abstractions, morphological damages)</p> <p>Conducting awareness rising and educational measures on water protection, efficiency water use</p>	

**3. In general, do you agree with the main measures proposed?**

Yes totally

Yes partially

Not really

Not at all

**4. Are there any areas where you feel additional efforts should be taken, besides the measures listed in this questionnaire?**



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## Thank you for answering! A few last questions

**-Your community (ZIP code if any?):**

**-Your age:**

**-Your gender:**            Female            Male

**-Your job sector/profession:**

**-From which source did you learn about the consultation on the Kura RBMP?**

Website of the ministry

EUWI+ website

Press

Social network

Relatives

Consultation meeting

Other

**-Your email if you want to be informed of further development:**



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