Local Multi-sectoral Efforts for the CAI Water Dialogue

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Participants of the CAI Multi-sectoral water dialogue:

- Governments (Central Asia)
- Local authorities
- Local communities
- Private sector
- NGO’s
+ donor support
CAREC/EC project activities:

1. Establish Multi-sectoral working groups
2. Elaborate proposals on selected transboundary water courses
3. Develop action plans and start resource mobilization efforts
14 transboundary pilot watersheds:

1. Aspara river (KZ-KG) downstream
2. Aspara river (KZ-KG) upstream
3. Karkara river (KZ-KG)
4. Tekes river (KZ-China)
5. Padysha Ata river (KG-KZ-UZ)
6. Isfara river (KG-TJ-UZ) upstream
7. Isfara river (KG-TJ-UZ) downstream
8. Kyzylsu river (TJ-KG)
9. Northern Fergana Canal (UZ-TJ)
10. Kutitang river (TU)
11. Alty-Yab river (TU-IRAN)
12. Murgap river (TU-AFG)
13. Etrek river (TU-IRAN)
14. Ugam river (KZ)
Problems of small transboundary watersheds in Central Asia:

- Degradation of natural ecosystems and effects of climate change
- Inefficient use of water resources
- Lack of legal treaties on the joint utilization of water resources
- Pollution
- Poor hygienic condition of the river water
- Overexploitation and desertification of farmland resources
- Lack of monitoring facilities

Climate Change is part of a context fraught with problems!
Example Aspara river basin:

Located: 80km W Bishkek
Basin area: about 60 sqkm
Step by step proceeding:

Step 1: Inventory
Step 2: Problem definition and scoping
Step 3: Action Plan
Step 4: Implementation
Problems identified by basin commissions: (without ranking)

Kazakh Side:
- Uncontrolled water use
- No sufficient protection of the ecosystem to ensure sustainability
- Deteriorating water quality of the river, no waste management
- Lack of facilities for enforcement of the 1948 treaty on joint use of the river

Kyrgyz Side:
- Deteriorating water quality of the river and no waste water management
- To avoid droughts like the 2008 drought
- No monitoring strategy for water uses
- Necessity of a legal agreement with neighboring Kazakhstan
Step 2: **Problem definition**

1. Ranking of Problems
2. Scoping
Outcome Step 2:

Rising water demand for irrigation is the most pressing problem!
Step 3:

Development of the Action Plan
# Outcome Step 3: Action Plan

## 4. Implementation plan

The implementation plan should provide an overview of the project activities, if relevant with an indication of milestones for important events/results. The implementation plan may be provided in a separate attachment to the application. Milestones are to be marked with Mxx in the number column, and given a planned end date (dd/mm/yy).

<table>
<thead>
<tr>
<th>Number</th>
<th>Milestones, activities</th>
<th>Responsible party</th>
<th>Planned start date</th>
<th>Planned end date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Assess the demand for irrigation water</td>
<td>CAREC</td>
<td>01/07/2010</td>
<td>30/09/2010</td>
</tr>
<tr>
<td>2</td>
<td>Identify and promote the new techniques</td>
<td>CAREC</td>
<td>01/10/2010</td>
<td>31/12/2010</td>
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<tr>
<td>3</td>
<td>Training modules for local communities and farmers</td>
<td>CAREC</td>
<td>01/10/2010</td>
<td>31/12/2010</td>
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<tr>
<td>4</td>
<td>Carry out 4 trainings for local farmers</td>
<td>CAREC</td>
<td>01/10/2010</td>
<td>31/09/2011</td>
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<tr>
<td>5</td>
<td>Prepare and conduct first workshop for stakeholders</td>
<td>CAREC</td>
<td>01/07/2010</td>
<td>30/09/2010</td>
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<tr>
<td>6</td>
<td>Develop a measurement and tariff policy</td>
<td>CAREC</td>
<td>01/04/2011</td>
<td>30/06/2011</td>
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<td>7</td>
<td>Train local water administrations /Aspara comission</td>
<td>CAREC</td>
<td>01/04/2011</td>
<td>31/09/2011</td>
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<tr>
<td>8</td>
<td>Prepare and conduct second workshop for stakeholders</td>
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<td>31/09/2011</td>
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</table>

**CAI Water Dialogue**

**Action Plan according to Principles of IWM**
Step 4:

Implementation of Action Plan

upcoming !!!
Strategy:

1. New ranking of problems
2. Next action plan
3. ....
Thanks!!