

## Achievements for May-December, 2005

*Result 2: Developed WUAs allocating and delivering water in equitable and reliable manner using IWRM guidelines.*

### **Position 2.1 Preparing and implementing O&M plans for irrigation and collector and drainage network of WUA.**

Pilot WUAs "Akbarabad" and "Zarafshan" were assisted in making up plans on repair and reconstruction works.

In this context during vegetation WUA activity leader and project consultant held practical trainings on field survey of interfarm irrigation and drainage network with hydrometrists and hydrotechnicians in pilot WUA in order to determine type and scope of repair and reconstruction works. The mentioned survey was carried out at the end of vegetation.

Based on materials of field surveys, types and scope of works were determined and included in defect sheets.

The estimate for RRW on irrigation canals has been made up similarly to WUA «Zarafshan» on the basis of defect sheets. Total cost of RRW for WUA «Zarafshan» comes to about 61 thousand somoni or 19,2 thousand dollars.

During making up drafts WUA business-plans it was taken into account:

- System of WUA technical and economic indices;
- Main production funds of WUA which are directly on WUA balance;
- Main production funds which are functioning in WUA but are in WMO (Water Management Organizations) and operated by them;
- Fund for payment of labor of WUA workers and assessments to social insurance related to it;
- Production costs related to carrying out repair and reconstruction works, cleaning irrigation and collector and drainage network;
- Costs for materials and combustive-lubricating materials;
- Administrative costs.

Possibility of establishing reserve fund in WUA was being found for financing cost intensive measures or purchasing technical equipment. Such fund has been foreseen in business-plan for WUA «Akbarabad».

Final total results of draft business-plans are:

- Specific fees of water users in WUA «Akbarabad» were determined 7350 sum/ha or 6,24 \$/ha according to the rate 1\$ = 1177 sum as for 20.12.05.;
- Specific fees of water users in WUA «Zarafshan» were determined 19,4 somoni or 6,02 \$/ha according to the rate 1 \$ = 3,22 somoni.

Thus water user pays 73,5 somoni or 22,8 \$/ha, that comes to 4,7 % against all costs for agricultural production (plant growing), for water services with account of WMO costs in 2006.

The general guidelines business planning for WUAs were developed and discussed with the component leader. The practical training for WUA staff will be started from 2006. The future trainers will be determined by local coordinators. The Project staff will hold trainings in all three states.

### **Position 2.2. «Alternative water distribution system»**

#### **Sub-position 2.2<sup>a</sup> – Development of procedures of alternative daily water distribution system in two pilot WUAs in Uzbekistan and Tajikistan:**

- during the whole growing period (April-September) assistance was provided for WUAs «Akbarabad» and «Zarafshan» in water distribution between water users according to developed water distribution method. Water use for WUA was analyzed in details.

#### **Position 2.3<sup>b</sup> «Organization of monitoring over use of surface, ground, and return waters in pilot WUAs**

*At present, water use practices in pilot WUAs imply certain elements of monitoring, such as accounting of surface water use, on-line analysis of water supply parameters, control over execution of plan and limit. Database operators in WUAs "Akbarabad" and "Zarafshan" were trained to develop water use plan and to do on-line analysis of water supply. In 2006 -2007, it is planned to appropiate approaches suggested by the present report, with next training of WUAs' technical staff at regular workshops.*

**Over the reporting period, 10 workshops were held in the pilot WUAs, such as Akbarabad, Zarafshan, and Zhapalak, as well as in SFC area,** where more than 20 new WUAs were established. The workshops addressed various aspects, including institutional-legal and economic measures, means of water accounting in WUA, development of water use plans, water distribution and so on.

#### **Sub-position 2.2<sup>c</sup> Definition of options for improving and rehabilitating financial infrastructure in cooperation with Governments / Projects financed by donors / other mechanisms.**

A certain success is being observed in Kyrgyzstan; from Mercy Corp and World Bank financing the projects on supporting WUAs. IWMI, SIC and SDC will look for donors for further supporting WUAs in capacity building and infrastructure rehabilitating.

#### **Position 2.3 Developing and assisting in WUAs\WUGs establishment along the entire\most part of KhBC and SFC**

At the present time, the activity is being carried out in WUAs "Zarafshan", "Tajikabad" and "Turdibaev" in Tajikistan; WUAs "Zilol Suv Fayzi", "Omad Zilol", "Guliston Kubbo", "Ismoilov" in Uzbekistan; WUAs "Zhapalak", "Isan", "Mirza Aji" and "Zhanaryk" in Kyrgyzstan; the Meetings with WUA Councils, Arbitrage and Audit Commissions members were held in order to make activities more active in developing WUAs.

Places were determined where WUAs could be established according to hydrographical principle.

#### ***2.5 Share and replicate Social Mobilization Methodology with and to other development Projects***

The Project Partners have already started to train the Project staff out of the project territory and to disseminate materials on social mobilization.

#### ***2.6 Assess Project impacts of WUA development using water users satisfaction surveys, WUA data, etc.***

Water users satisfaction surveys have begun and soon the analysis will be finished. The given activity has been started during the last Phase and will be also continued during this Phase.