

## WAIPRO - Work Plan FY 2011 (Revised 25 Jan 2011)

ACTIVITY	DESCRIPTION	EXPECTED OUTPUT	DELIVERY DATE
<b>A1: Analysis of constraints and opportunities of existing schemes</b>			
A1.1: Participatory diagnosis of study schemes	Completed	<ul style="list-style-type: none"> <li>Diagnostic reports for the 5 WAIPRO study sites</li> <li>Methodological contribution to analysis-diagnosis of irrigation schemes</li> <li>Report (by ARID) on evaluation of impact of past efforts on participatory diagnosis</li> </ul>	July 2010.
A1.2: Performance Benchmarking	<ul style="list-style-type: none"> <li>Four post-grad Masters students (engineers from 2iE) carried out their thesis field research in 3 WAIPRO schemes (Daiberi, Talembika and Karfiguela). Results not conclusive due to lack of systematic monitoring on these schemes</li> <li>12 post-grad students carry out fieldwork to fill gaps &amp; complete benchmarking in Niger</li> <li>Training on benchmarking for technical staff</li> <li>Inter-scheme comparison of efficiencies &amp; performance (see also A2.1 below)</li> </ul>	<ul style="list-style-type: none"> <li>Report on performance trends of WAIPRO irrigation schemes</li> <li>Contribution to global database of irrigation benchmarking (<a href="http://oibsv2.iwmi.org">http://oibsv2.iwmi.org</a>)</li> <li>Paper on the historical evolution of irrigation performance monitoring in Burkina</li> </ul>	Mar 2011 & Aug 2011
A1.3: Analysis of productivity and profitability of crop chains	<ul style="list-style-type: none"> <li>Socio economic surveys and analysis carried out in 3 sites (Karfiguela, Daiberi, Djiratawa) with INERA and INRAN</li> <li>Comparisons between formal and informal irrigation</li> </ul>	<ul style="list-style-type: none"> <li>Report/Paper describing interventions &amp; recommendations for improving performance, productivity and profitability of irrigated systems</li> <li>Advice to policy makers</li> </ul>	July 2011.
<b>A2: Implementation of Interventions</b>			
A2.1: Improving water conveyance and distribution systems	<ul style="list-style-type: none"> <li>Equipping irrigation schemes with flow monitoring devices; inter-scheme comparison of efficiencies &amp; performance</li> <li>Training of farmers &amp; extension agents in flow monitoring, operations &amp; maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Benefits of measurement &amp; monitoring demonstrated to farmers &amp; extension agents</li> <li>Maintenance &amp; performance assessment culture introduced</li> <li>Assist national partners to prepare report detailing rehabilitation needs for submission to government or donors</li> </ul>	Aug 2011.
A2.2: Strengthening Water Users' Associations (WUA)	<ul style="list-style-type: none"> <li>Training WUAs in study schemes; linked with study tours for interscheme and inter country exchanges (see A 3.5)</li> </ul>	<ul style="list-style-type: none"> <li>Detailed reports on training, including compilation of training modules</li> </ul>	Continging, Sept 2011.
A2.3: Participatory on-farm fertilizer trials	<ul style="list-style-type: none"> <li>On farm fertilizer trials on rice and vegetable in both countries in partnership with the NARS (INERA, Burkina Faso &amp; INRAN, Niger)</li> <li>Dissemination of good practices</li> <li>Farmer to farmer exchange of experience through study tours</li> </ul>	<ul style="list-style-type: none"> <li>Detailed report on best practices</li> <li>Partnership with Dept of Agriculture for dissemination of best practices</li> </ul>	Aug 2011.

A2.4: Participatory variety selection-cum-demonstration	<ul style="list-style-type: none"> <li>• Participatory trials and field testing of existing rice varieties in study schemes with the NARS (INRAN and INERA)</li> <li>• Collaboration with WASA (West African Seed Alliance) for acquisition of seed material (cereal &amp; vegetable) and Training in production of certified seed</li> <li>• Demonstrations &amp; cross-learning through farmer to farmer exchange &amp; Farmers' days</li> <li>• Information dissemination via involvement of the local media as well as local decision makers are invited</li> </ul>	<ul style="list-style-type: none"> <li>• Detailed report on best practices</li> <li>• Dissemination to farmers at national level with Department of Agriculture</li> <li>• Results of agronomic trials and progress in water management are shared with farmers of the study schemes during farmers field days &amp; visit-exchanges</li> <li>• Farmer to farmer training and exchange enhanced; Potential for national-level impact</li> </ul>	Aug 2011.
A2.5: Enhancing decentralized services	<ul style="list-style-type: none"> <li>• Training to help decentralized services in monitoring irrigation schemes</li> </ul>	<ul style="list-style-type: none"> <li>• Material support and technical capacity of regional and local administrations reinforced</li> </ul>	Contining, Sept 2011.
<b>A3: Capacity building, synthesis, communication and knowledge sharing</b>			
Activity 3.1: Enhancing linkages with support services	<ul style="list-style-type: none"> <li>• Training of support service from Ministry of Agriculture</li> <li>• Capacity building of post-grad students (from 2iE, CILSS-Agrhymet, Univ of Niamey, Univ of Ouagadougou, Matourkou Technical College)</li> </ul>	Training manuals, Reports, Theses	Contining, Sept 2011.
Activity 3.2: Synthesis, dissemination and communication	<ul style="list-style-type: none"> <li>• Regular updating and uploading of project reports and outputs on project and ARID websites</li> </ul>	<ul style="list-style-type: none"> <li>• Updated web material, policy briefs, project reports</li> <li>• Project visibilty enhanced through presentations at national and regional events</li> </ul>	Contining, Sept 2011.
Activity 3.3: Workshops & monitoring	<ul style="list-style-type: none"> <li>• Two Project Steering committee meetings</li> <li>• One workshop mid 2011 to disseminate results among stakeholders at national and regional levels</li> </ul>	<ul style="list-style-type: none"> <li>• Workshop and meeting proceedings</li> </ul>	Contining, Sept 2011.
Activity 3.4: Promoting adoption of Integrated Pest Management (IPM)	<ul style="list-style-type: none"> <li>• Training on Integrated Pest Management (IPM) in order to limit the use of pesticides in collaboration with NARS and Dept of Agric</li> </ul>	<ul style="list-style-type: none"> <li>• Farmers and extension agents sensitized and adopt IPM</li> <li>• Training material</li> </ul>	July 2011.
Activity 3.5: Study tours	<ul style="list-style-type: none"> <li>• Organise study tours for farmers, extension agents, agency staff &amp; polcy-makers in order to observe &amp; exchange experiences on best practices in irrigated crop production and marketing</li> </ul>	<ul style="list-style-type: none"> <li>• Three to four study tours (e.g. Vallee du Kou, Niono in Mali, Niger valley in Niger, Northern Ghana) conducted</li> <li>• Best practices learnt and disseminated</li> </ul>	Upto Aug 2011
<b>A4: Promotion of AWM &amp; small-scale irrigation in the Sahel</b>			
Activity 4.1: General coordination of WAIPRO	<ul style="list-style-type: none"> <li>• Coordinate project implementation, monitoring and evaluation</li> </ul>	<ul style="list-style-type: none"> <li>• Technical &amp; Financial reports are regularly sent to USAID</li> <li>• Steering committees are held</li> <li>• IWMI and other partners are supported in planning &amp; implementation of project activities</li> <li>• Participate &amp; follow up of field missions</li> </ul>	Contining, Sept 2011.
Activity 4.2: Support the development of small scale irrigation in the Sahel			



A4.2.1 Aligement of strategies in CILSS countries	<ul style="list-style-type: none"> <li>• Carry out inventory &amp; analysis of policies &amp; investment strategies and investment in the small scale irrigation sector in CILSS member countries</li> <li>• Organize workshop to share findings with relevant officials in CILSS countries and support them in decision making</li> </ul>	<ul style="list-style-type: none"> <li>• Document on analysis of national investment strategies on water control in small scale irrigation and their coherence with regional policies (ECOWAP, PAU, West Africa water Policy)</li> <li>• Strengths, weaknesses and gaps in national policies identified and communicated</li> </ul>	Dec 2010 to Mar 2011
A4.2.2 Review PRADPIS	<ul style="list-style-type: none"> <li>• Document priority programs on small scale irrigation in CILSS countries</li> <li>• Facilitation and advocacy for funding their implementation together with national partners and funding agencies</li> </ul>	<ul style="list-style-type: none"> <li>• Inventory of priority programs and investment strategies on small scale irrigation in CILSS countries</li> </ul>	Contining April 2011
A4.2.3 Promotion of best practices	<ul style="list-style-type: none"> <li>• Identify, analyze and disseminate best practices regarding water control for small-scale irrigation in the two project countries</li> </ul>	<ul style="list-style-type: none"> <li>• Guide document on best water control for small scale irrigation in the 2 study countries</li> <li>• Regional workshop to disseminate guide document to small scale irrigation stakeholders in the CILSS countries</li> </ul>	May to Aug 2011