

**Appendix 1:****Programme Activity Table 2004**

<b>Activity line Research</b>	<b>Planned for 2004</b>	<b>Done in 2004</b>
MoA-Halhale	<ul style="list-style-type: none"> <li>-millet breeding support for NARI</li> <li>-tissue culture lab/NARI</li> <li>-training Bangor for Negusse Abraha</li> <li>-support ICRISAT for NARI</li> </ul>	<ul style="list-style-type: none"> <li>-two varieties ready for release; impact assessment done in 3 villages with satisfactory results</li> <li>-pearl millet planning workshop held; aim: coordination of activities/roles of stakeholders</li> <li>-transplanting trials continued. Growth performance very good, but problems with grazing animals led to harvest failure.</li> <li>-mission Dr.Cong- Linh/Changins to NARI completed with recommendations (priority on College of Agriculture Lab, University of Asmara).</li> <li>-training completed; short report prepared by Negusse Abraha</li> <li>-ICRISAT mission to Eritrea in September by Bhasker Raj, T.Hash; and W. Breese (Bangor)</li> </ul>
MoA-Afdeyu station	<ul style="list-style-type: none"> <li>-rehabilitation of river gauge, met-station</li> <li>-monitoring of SWC structures</li> <li>-secure employment of research assistants (RA's) in Afdeyu and data base management</li> <li>-office block/2 residences (ctd from 2003), and furniture</li> </ul>	<ul style="list-style-type: none"> <li>-river gauge rehabilitation completed; met station will be completed and upgraded from Class C to Class A, and will be functional for rainy season 2005</li> <li>-participatory field study (Afdeyu) on applied SWC approaches and technologies; field work completed; report will be available in 2005</li> <li>-secured for one RA; second still in military service. However, long-term basic data collection (rainfall, temperature, soil erosion, river runoff and sediment yield) assured</li> <li>-data encoding introduced to Eritrean specialists (training workshop by CDE expert)</li> <li>-all buildings completed; handing over to NARI as a substation to Halhale will be done when furniture is provided (will be done in 2005) according to contract</li> </ul>
Drip irrigation	<ul style="list-style-type: none"> <li>-backstopping of Vision Eritrea expert</li> <li>-follow up of drip-client farmers by Vision Eritrea</li> </ul>	<ul style="list-style-type: none"> <li>-simple format for client farmer survey developed by CDE/VISION</li> <li>-follow up minimal. Simple grid prepared with irrigation kits distributed and kits in use, by VISION. Result: adoption rate is low and does not justify continuation of project.</li> </ul>
AEAS	<ul style="list-style-type: none"> <li>-completion of proceedings of AEAS national workshop on Irrigation Development in Eritrea</li> </ul>	<ul style="list-style-type: none"> <li>-edited version (Eritrean editor team) was ready by end of 2004, printing and distribution will be done in early 2005.</li> </ul>
CAS	<ul style="list-style-type: none"> <li>-plant propagagion manual: finalised in 2005 (Bissrat/Tadesse)</li> <li>-tissue culture lab/CAS (priority over NARI lab)</li> </ul>	<ul style="list-style-type: none"> <li>-propagation manual: no progress (work overload of Eritrean partners). However, no budgetary relevance as no advance payments were made</li> <li>-mission Dr CongLinh/Changins: confirms that this ought to have priority over NARI-lab due to advanced stage of competence and infrastructure at CAS. Aim: to be functional by September 2005 (need refurbishment and laboratory equipment, and training)</li> </ul>

Activity line <i>Education</i>	Planned for 2004	Done in 2004
UoA Geography	<p>-complete GIS Lab at University of Asmara (UoA)            -furniture GIS Lab (plotterby USAID/UOA)            -staff secondment to UoA (Robert Burtscher) for teaching, supervision, research support, and management of GIS lab</p> <p>-Other support/capacity building</p>	<p>-Lab building (GIS lab, seminar hall, office) and installations completed and handed over to UoA in October 2004. Lab and Hall used for university courses and external users.            -this was completed; UoA provided plotter and peripherals with USAID money.            -<i>teaching</i> included Surveying, Cartography, GIS, Remote Sensing; courses had between 30 and 150 students.            -<i>supervision</i>: 12 student theses completed dealing with land management and land use, including theses done for Amadir baseline survey (see under Programme line Outreach) . 18 new theses started in 2004, including 6 by European students (4 from University of Berne, 2 from University of Innsbruck).            -<i>research</i>: land cover and land use maps prepared for DGUA research programme entitled Use and Misuse of Eritrea's lands.</p> <p>-<i>Handing over of undergraduate teaching</i> to Eritrean expert: person identified and administrative process started. Handing over to be completed in 2005.            -<i>Curricula development</i>: Contribution by SLM/CDE to Curricula workshop of Department of Social Sciences of UoA (Robert Burtscher, Thomas Kohler)            -<i>sundry material support</i> to DGUA (books, maps, printouts, etc)</p>
Ministries	<p>-Water Resources Department (WRD)</p> <p>-other institutions</p>	<p>-Refresher course on Remote Sensing for Hydrogeology (funding provided by GtZ; backstopping by SLM)            -distant learning MSs course funded as a test (candidate: Filmon Tesfaslassie), at University of Loughborough (UK). Subject: Water resource management.            -sundry small support provided to WRD <i>in exchange for hosting the GIS lab</i> for most of the year.            -Municipality of Asmara: improvement of base map: a training course given and ground control points taken (Funding: ESAPP; backstopping: SLM)            -minor services (related to GIS/Remote Sensing) were provided to Department of Land and to the National Museum of Eritrea</p>

<b>Activity line Outreach</b>	<b>Planned for 2004</b>	<b>Done in 2004</b>
Local development	-local development workshop in Amadir and draft report preparation -preparation and printing of final report	-back-to-village workshop completed in May, draft final report handed over to HABEN and CDE in October by Eritrean authors for comments -final report will be ready in early 2005
SLM-Spatial Database	-further development of SLM Spatial database  -maps prepared for authorities and partners upon demand	-Countrywide new layers added to database (administrative boundaries, roads, settlement) -countrywide spatial dam inventory initiated (from data provided by line ministries) -Amadir and Afdeyu maps prepared for local studies; -other maps prepared (for ICRC-water supply programme and groundwater recharge; for WRD-groundwater identification; for Earth Sciences Department of UoA for geological mapping)
Implementation	-contribution to Amadir electricity supply -Adi Behnuna, water supply	-contribution in cash to HABEN(=village partner institution) will follow in early 2005 -water supply completed in 2 villages, third village remains unsolved (inappropriate site chosen/favoured by villagers)
Swiss Consortium	-solar water heater – fruit drier (lead: Oekozentrum Langenbruck, Switzerland) -urban waste separation, Asmara (EAWAG)	-financial contribution towards solar water heater training programme (at Tesinma) was made -programme was stopped by EAWAG following death of project leader at municipality of Asmara and lack of local counterpart; no contribution made hence.
Afdeyu dam	-complete design, select construction firm, start construction	-new local consultant (ERINOR) selected by SLM in cooperation with SHA/SDC and Ministry of Public Works; ERINOR completed dam design in record time; approved by Swiss backstopping engineer. Construction firm selected and contract signed in September. Green light for construction given in October by authorities; however work did not get off the ground due to fuel shortage; fuel crisis continued and work had not started by end of year.

<b>Coordination</b>	<b>Planned for 2004</b>	<b>Done in 2004</b>
Coordination CH	-by CDE  -by Syngenta	-at CDE: included preparation of Phase II documents (signed between SFSA and CDE in December 2004) -at SFSA: done by F.Nicolier and mainly concerning Tissue culture (including mission), and millet support.
Coordination Eritrea	-SLM Office : search for premises and move from WRD -SLM office installation  -Office staff (P.Roden) -VISION Eritrea (local development, drip irrig, office -administration for SLM office, general support logistics)  -HABEN Eritrea	-SLM moved into new Office in September 2004  -in good progress; however fixnet phone line missing (problem of quality with mobile contact) -Paul Roden employed as programme officer by March 2004 -VISION Eritrea fulfilled its TORs to the full satisfaction of SLM. It continues to be the most important single partner in Eritrea together with MoA and the University. (Support by VISION covers the following fields: logistics, employment of staff, office rent; management of Afdeyu construction site; and thematic fields (drip irrigation, local development)) -successful collaboration with HABEN, a local NGO, on Amadir baseline study and on completion of Amadir and Shiketi Water supplies.
Promotion	Infosheet on SLM for local use (Eritrea)	-removed to 2005 (= start of Phase II of SLM).

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