

ANNEX 4.1 Logframe

Intervention Logic	Objectively Verifiable Indicators	Means of Verification	Assumptions
<p>Overall Objective</p> <p>To contribute to the wider Collaborative Program on Investment in Agricultural Water Development in Sub-Saharan Africa through consideration of water requirements of livestock keeping as a production as poverty reduction strategy and by ensuring that inappropriate livestock management does not degrade existing and developed water resources.</p>	<p>Actual and planned public and private sector investment agricultural water in SSA as a whole with integration of improved livestock keeping practices.</p>	<ul style="list-style-type: none"> • Water and Livestock sectoral strategies, five year plans. • Government budgets • NEPAD reports • Annual reports by financial institutions • Government statistical reports • FAO/WHO data bases • Increased integrated livestock-water research implemented in SSA 	<p>Agricultural production systems requiring water development continue to depend on or include livestock as a major component.</p>
<p>Immediate Objectives</p> <p>In priority agricultural production systems of SSA:</p> <p>(a) To assess water development needs for livestock production,</p> <p>(b) To identify improved livestock keeping practices necessary to safe guard quality and quantity of agricultural water resources, and</p> <p>(c) To identify potential benefits of investments that integrated livestock, crop and water management.</p> <p>(d) To identify knowledge gaps requiring further research on integrated livestock and water management.</p>	<p>(a & b) Clear exposition of key livestock-water management issues that create demand for agric. Water or may constrain its sustainable use.</p> <p>(c) Recommendations of investment options that involve livestock based on experience, best practices and stakeholders' feed back</p> <p>d) Research recommendations.</p>	<p>(a, b & c) Reports to the E&H component and to the steering committee including documented feed back from stakeholders' consultations.</p>	
<p>Outputs</p> <p><i>Report on Agricultural Water Development and Livestock that</i></p>			

Intervention Logic	Objectively Verifiable Indicators	Means of Verification	Assumptions
<p>(a) Analyses of and recommendations for effective and efficient investment options that will improve water use efficiency in livestock production and that will reduce water degradation caused by poor livestock management in priority regions of SSA,</p> <p>(b) Identifies knowledge gaps related to livestock-water interactions that may require future investment in research and</p> <p>(c) Contributes to the wider Coop. Program on Investment in Agric. Water in SSA, particularly the Health and Environment Component.</p>	<p>(a, b & c) Draft and final reports and documents including feed back from stakeholders' consultations.</p>	<p>(a, b & c) Periodic progress reports to E&H component and to Steering Committee</p>	<p>Limited case studies will provide principles applicable to a diverse range of social, economic and agroecological conditions characterizing SSA.</p>
<p>Activities</p> <p>(a) Literature review and desk studies water development and livestock management issues,</p> <p>(b) GIS based stratification of SSA,</p> <p>(c) In-strata desk review of case studies,</p> <p>(d) Stakeholders' workshops,</p> <p>(e) Dissemination of results.</p>	<p>(a) In country and regional workshops and consultations held and comments received.</p> <p>(b) GIS database developed and spatial analyses completed.</p> <p>(c) Stakeholders' feedback.</p> <p>(d) Reports.</p>	<p>(a, b, c, & d) Periodic progress reports to E&H component and to Steering Committee.</p> <p>(b) Maps.</p>	<p>Government agencies and investors are willing to make information available and that negotiations for access will not delay the project activities.</p>

ANNEX 4.2 Gantt Chart

Task#	Description	Key person(s)	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04
1	Inception Report													
1.1	Design approach and conceptual framework	DP												
Milestone	Inception report 31/01/04		★											
2	Literature review													
2.1	Desk review	DP												
2.2	Development of a GIS-based stratification of SSA	ILRI –GIS staff												
2.3	Write desk review report	DP												
Milestone	Desk review report 30/04/04					★								
3	Case studies													
3.1	Identify key livestock-water development issues	Consultants & DP												
3.2	Contribute to health and environment desk review report	DP												
3.3	Analyze data from cases	Consultants/DP												
3.4	Write field study report	DP/Consultants												
Milestone	Field study report 31/08/04									★				
4	Component synthesis report													
4.1	Bring together lit review and case studies	DP												
4.2	Write report (draft 30/09/04)	DP												
Milestone	Component report –30/10/04											★		
5	Overall project synthesis													
5.1	Contribute to overall synthesis	DP												
Milestone	Overall synthesis report 30/11/04	DP												★