

## ANNEX 7.1 – Logframe

INTERVENTION LOGIC	OBJECTIVELY VERIFIABLE INDICATORS	MEANS OF VERIFICATION	ASSUMPTIONS
<p><b>GOAL</b> To identify investments strategies for agricultural water use to alleviate poverty and food insecurity of sub-Saharan Africa (SSA)</p>	<ul style="list-style-type: none"> <li>• Innovative strategies of investment in agricultural water use in SSA</li> <li>• Growth in agricultural GDP</li> </ul>	<ul style="list-style-type: none"> <li>• Donor and government reports</li> <li>• National and regional policy documents</li> <li>• National statistics</li> </ul>	
<p><b>PURPOSE</b> To explore following aspects using the integrated global water-food model being developed by IWMI and IFPRI.</p> <ul style="list-style-type: none"> <li>▪ The potential contribution of rainfed agriculture in the food supply and water demand equation</li> <li>▪ The options of regional and international trade and their impact on food security poverty alleviation in sub-Saharan Africa region</li> <li>▪ Implications on water and food policies, prices and also options of investments under different water supply and demand scenarios</li> </ul>	<ul style="list-style-type: none"> <li>• Project guidelines and recommendations included in national and regional development plans and investment strategies</li> </ul>	<ul style="list-style-type: none"> <li>• Final Project Report</li> <li>• Reports and policy documents of governments, regional organizations and donor agencies</li> </ul>	<p>Existence of an enabling environment conducive to investments in agricultural water use</p> <ul style="list-style-type: none"> <li>• Investors willing to invest in good projects</li> <li>• Acceptable level of returns that encourage and sustain investments</li> </ul>
<p><b>OUTPUTS</b></p> <ol style="list-style-type: none"> <li>1. Business as usual scenario of investment in water resources, where present trends of investment in water related development continues in to the future,</li> <li>2. More irrigation scenario, where increased investment is expted than at present, and</li> <li>3. A scenario of more rain-fed yield and more trade between regions within SSA or more trade with regions outside the SSA</li> </ol>	<ul style="list-style-type: none"> <li>• Project reports</li> <li>• Peer-reviewed publications</li> <li>• Presentations at national, regional and international conferences</li> <li>• Guidelines and recommendations published in print and electronic formats</li> </ul>	<ul style="list-style-type: none"> <li>• Project final reports and CD-ROMS</li> <li>• Journals</li> <li>• Conference Proceedings</li> <li>• Press Releases</li> </ul>	<ul style="list-style-type: none"> <li>• Relevant agencies and groups willing to adopt project findings and implement project recommendations</li> <li>• Stakeholders interested in, and committed to project</li> </ul>

INTERVENTION LOGIC	OBJECTIVELY VERIFIABLE INDICATORS	MEANS OF VERIFICATION	ASSUMPTIONS
<p><b>ACTIVITIES</b></p> <ul style="list-style-type: none"> <li>4. Framework and model development</li> <li>5. Data collection and analysis</li> <li>6. Model implementation and scenario testing</li> <li>7. Synthesizing results</li> </ul>	<ul style="list-style-type: none"> <li>• Interim component outputs distributed to Working Group for comment and feedback</li> <li>• Outputs subject to peer review/workshop consultation as appropriate</li> </ul>	<ul style="list-style-type: none"> <li>• Project progress reports and working documents</li> <li>• Workshop proceedings</li> <li>• Project databases</li> <li>• Work plans and budgets</li> </ul>	<ul style="list-style-type: none"> <li>• Partners and stakeholders actively collaborate in project</li> <li>• Adequate data available</li> <li>• Partners willing to share data and information</li> <li>• Invited participants able to attend workshops</li> <li>• Stakeholders provide relevant and timely inputs to project implementation, and critical feedback on project findings</li> </ul>

## ANNEX 7.2 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
<b>1</b>	<b>Model Development</b>													
1.1	Model development and refinement	Mark Rosegrant (IFPRI) - UA & CdF (IWMI)	■	■	■									
1.2	Model calibration and completion of prototype model	IFPRI-IWMI	■	■	■									
<b>Milestone</b>	<b>Prototype model completion 31/01/04</b>				★									
<b>2</b>	<b>Data collection</b>													
2.1	Data collection	IFPRI-IWMI	■	■	■									
<b>3</b>	<b>Model testing and validation</b>													
3.1	Test runs	IFPRI-IWMI			■	■	■							
3.2	Initial scenario building	IFPRI-IWMI				■	■	■	■	■				
<b>Milestone</b>	<b>Fully running and tested model 31/08/04</b>								★					
<b>4</b>	<b>Determining and defining water &amp; food options for SSA</b>													
4.1	Simulation exercises with various scenarios	IFPRI/UA/CdF								■	■			
4.2	Write report (draft 30/09/04)	IFPRI/UA/CdF									■	■		
<b>Milestone</b>	<b>Component report –30/10/04</b>											★		
<b>5</b>	<b>Overall project synthesis</b>													
5.1	Contribute to overall synthesis	UA/CdF											■	■
<b>Milestone</b>	<b>Overall synthesis report 31/12/04</b>												■	★

UA - Dr. Upali Amarasinghe, IWMI-HQ, Colombo  
CdF - Dr. Charlotte de Fraiture, IWMI-HQ, Colombo