

## ANNEX 2.1 Logframe

INTERVENTION LOGIC	OBJECTIVELY VERIFIABLE INDICATORS	MEANS OF VERIFICATION	ASSUMPTIONS
<p><b>Goal</b> To promote innovative private sector participation in agricultural water use for poverty reduction, food security and economic growth in sub-Saharan Africa (SSA).</p>	<p>Increased levels of investment in agricultural water use in SSA Growth in agricultural GDP</p>	<p>Donor and government reports National and regional policy documents National statistics</p>	<p>Global economic environment does not hold up African development; Governance of countries becomes increasingly pro-poor.</p>
<p><b>Purpose</b> The goal of this component is to recommend ways of promoting private sector participation in agricultural water use for poverty reduction, food security and economic growth in sub-Saharan Africa.</p>	<p>Written and evaluated recommendations governments and donors to promote greater participation of private sector in national and regional investment strategies and plans</p>	<p>Final project report received.</p>	<p>Investors willing to invest in good projects. Conducive investment environment and acceptable level of returns that encourage and sustain investments</p>
<p><b>Outputs</b> A report identifying - opportunities and constraints for private sector investments in agricultural water development and management - recommendations to governments, investment banks and donors on how they can promote such investments</p>	<p>Report written. Consultations held and final report disseminated</p>	<p>Report received.</p>	<p>Credible primary data collected without delay.</p>
<p><b>Activities</b> Review literature on decision making with respect to private sector investment in agricultural water development and management in SSA; Fill gaps in knowledge regarding key issues through primary research. Develop recommendations for action by governments, investment banks and donors. Coordination of the study team.</p>	<p>Reports of components written (will be annexes in the full report).  Surveys conducted and analyzed.  Recommendation written.  Progress reports to the overall study coordinator.</p>	<p>Progress reports overall study coordinator received.</p>	<p>Consultants/national researchers with good track records can be found.</p>

## ANNEX 2.2 Tasks and Staff time allocation, Workplan

Task	Subtask	Keywords	IWMI Staff (see Annex 3) and –time (days)	Consultant (name, cost in US\$)	Method/Output	Links with other projects	Funds
1. Literature review	1.1 Investments by farmers	Amounts, sources, equity, gender, decisions, small scale equipment (TPs, drip irrigation, soil improvements)	HS 5 FPV 5	(e.g., review by N. Moon, Approtec; 2k)	Literature, recent workshops (UNESCAP-IWMI-FAO) / =Annex 1, 10 pg	'Publications'	
	1.2 Investments by community, farmer organization	Amounts, sources, control, initiative, FMIS, RWH, stream diversions, wetlands; credits	HS 10	C. Nakhumwa, 3k	Literature, input from MUWSS-study (BvK); Ngigis work, African Successes-IFPRI-NEPAD / =Annex 2 10 pg	MUWSS, SSI, 'wetlands'	
	1.3 Investments by micro SMEs	Amounts, by whom, conditions; role credits; regulations and 'red tape'	AI 2		Literature, NGO experiences / =Annex 3 15 pp		
	1.4 Investment decisions by governments and donors	Facts, trends, impacts, power relations, land tenure and water rights and access; legislation, certification, training	AI 10	(e.g., Dr I. Hannam, CEL, 3.5 k)	Literature / =Annex 4, 8 pg		
	1.5 Asian experiences	Drivers in success stories	FPV 3 TS 2	(e.g., W. Techo, PDA, or Deepak Adikari, IDE 2k)	Literature (incl. Report KP et.al. on opportunities Asian technology in E. Africa) / = Annex 5, 8 pg	Bright Spots	
2. New knowledge	2.1 Investments by farmers	Small scale technologies incl micro-irrigation, water+compost (Ghana), conservation tillage	FPV 7 BvK 1 AK 2 d OC 3 d	(e.g., Muliokela, GART 2k)	Survey, analysis, conclusions; / =Annex 6, 10 pg	Poverty component, 'IFAD' study; Ghana waste water	
	2.2 Investments by community, farmer organizations	FMIS, RWH, stream diversions, wetlands; ways to organize and secure investments	HS 7d AK 3 d OC 2	B. Mati, JKU, 3k	Survey, analysis, conclusions; Ngigi's work, African Successes (incl. 'Office du Niger', C. Rey) / =Annex 7 10 pp		
	2.3 Investments by micro SMEs	Farm inputs (information, annual supplies, one off investments), farm outputs (markets, transport), supply chain.	AI 10 d		Survey, analysis, conclusions / =Annex 8, 10 pp		

<b>Task</b>	<b>Subtask</b>	<b>Keywords</b>	<b>IWMI Staff (see Annex 3) and –time (days)</b>	<b>Consultant (name, cost in US\$)</b>	<b>Method/Output</b>	<b>Links with other projects</b>	<b>Funds</b>
3. Recommendations to governments, investment banks, donors	3.1 To empower farmers	Information services, socio-econ. environment, ownership, training	FPV 4	For 3.1-3.4: consultant advised by NEPAD, 2.5 k	10-20 recommendations plus actors		
	3.2 To empower communities	Facilitate creation farmer organizations, institutions, opening markets	HS 4		10-20 recommendations plus actors		
	3.3 For public sector actions	Adequate ownership, regulations, enforcing	AI 4		10-20 recommendations plus actors		
	3.4 For public-private partnerships	Creating markets, auctions, information provision (e.g., MSSRF and Kenyan example)	AI 4		10-20 recommendations plus actors		
4. Coordination	4.1 Project coordination, report		FPV 10	Professional editing 2k	Final Report Component PSI; 10-20 pp, with 8 annexes		
Total			96 d	US\$ 20 k	10-20 pp, plus 100 pp in Annexes		

Abbreviations used:

- AI - Dr. Arlene Inocencio, IWMI-Pretoria
- AK - Dr Abdul Kamara, IWMI-Accra
- BvK- Dr Barbara van Koppen, IWMI-Pretoria
- OC - Dr Funke Cofie, IWMI-Accra
- FPV - Dr Frits Penning de Vries, IWMI-Pretoria
- HS - Dr Hilmy Sally, IWMI-Pretoria
- TS - Dr. Tushar Shaah, IWMI-Gujarat

### ANNEX 2.3 Gantt Chart

Task	Description	Key person	Jan 04	Feb 04	Mar 04	Apr 04	May 04	June 04	Jul 04	Aug 04	Sept 04	Oct 04	Nov 04	Dec 04
	1 Inception report	FPV												
milestone	Inception report 31/01/04		☆											
	Review and feedback by ADB and WG	ADB and partners												
	2 Desk review	FPV												
	2.1 Farmer investment	FPV/HS												
	2.2 Community investments	HS												
	2.3 Micro SME's investments	AI												
	2.4 Ownership of resources	AI												
	2.5 Relevant Asian experiences	FPV/TS												
milestone	Desk review report 15/04/04					☆								
	2.1 Review and feedback by ADB and WG	ADB and partners												
	3 New knowledge	FPV												
	3.1 Farmer investments	FPV/BvK/AK/OC												
	3.2 Community investments	HS/AK/OC												
	3.3 SME & micro SME's investments	AI												
milestone	Case studies report 31/08/04									☆				
	3.4 Review and feedback by ADB and WG	ADB and partners												
	4 Recommendations to governments, investments banks, other donors	FPV												
	4.1 To empower farmers	FPV												
	4.2 To empower and facilitate communities	FPV												
	4.3 For public sector actions	FPV												
	4.4 For public-private partnerships	FPV												
milestone	Draft Component report 31/09/04											☆		

