

Appendix E: LCB Monitoring and Evaluation Framework (2010 – 2014)

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	No. of participating households		Target	1,000	3,000	3,000	2,000	1,000	10,000	Once/Year	Community Based M&E with verification sample surveys of hotspots/ households/ associations/ groups	LCBCCAP M & E Team & district and hotspot field officers
			Actual						0			
Capacity of local and district institutions to plan, implement and monitor integrated climate change adaptations increased.	No. of participating community based natural resources management committees		Target	10	10	10	10	10	50	Once/Year	Community Based M&E with verification sample surveys of hotspots/ households/ associations/ groups	LCBCCAP M&E team & district and hotspot field officers
			Actual						0			
	No of CBNRCs registered and functioning		Target	10	10	10	10	10	50			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	No of district NRM personnel trained		Target	45	0	0	0	0	45			
			Actual						0			
	No of local NRM groups trained		Target	10	30	20	0	0	60			
			Actual						0			
	No of local NRM group members trained		Target	200	600	400	0	0	1200			
			Actual						0			
	No. of inter-sectoral conflicts in district level plans managed		Target	2	0	0	0	0	2			
			Actual						0			
	No. of courses into which climate change		Target	8	8	0	0	0	16			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	issues are integrated in Master of Environmental Science at Chancellor College											
	No. of specialist (Trainers) groups established and functional		Target	1	0	0	0	0	1			
			Actual						0			
	No. of MSc. students supported		Target	1	2	0	0	0	3			
			Actual						0			
	No. of PhD Students supported		Target	0	1	0	0	0	1			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
Integrated management plan for Lake Chilwa basin hotspots developed and implemented	No. of hotspots selected and managed		Target	10	0	0	0	0	10	Twice / year	Community - Based M&E with verification sample surveys of hotspots/ households/ associations/ groups	LCBCCAP M&E team & district and hotspot field officers
			Actual						0			
	No. of management plans approved and implemented		Target	0	10	0	0	0	10			
			Actual						0			
	No. of community radios established, licensed and functional		Target	–	1	0	0	0	1			
			Actual						0			
	No. of community participatory vulnerability maps produced		Target	10	0	0	0	0	10			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	and utilized for planning and targeting adaptation strategies											
Vulnerability of Basin households reduced through improved and diversified livelihoods and natural resource management	No. of GIS vulnerability maps developed for the basin		Target	0	1	0	0	0	1	Twice/ year	Community - Based M&E with verification sample surveys of hotspots/ households/ associations/ groups	LCBCCAP M&E team & district and hotspot field officers
			Actual						0			
	No. of producer associations formed and functioning		Target	0	1	2	0	0	3			
			Actual						0			
	% increase in value of trade in key commodities captured by small-scale		Target	0	5	7	8	0	20			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	producers and traders											
	% increase of smallholder farmers accessing urban and international markets		Target	–	5	7	8	0	20			
			Actual						0			
	% of households adopting new innovations		Target	0	20	35	20	0	75			
			Actual						0			
	% of hotspot households and enterprises implementing new IGA's		Target	0	20	35	20	0	75			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	No. of extension staff trained as ToT		Target	0	60	0	-	-	60			
			Actual						0			
	No. of Lead farmers trained and active		Target	0	150	0	0	0	150			
			Actual						0			
	% of targeted households adopting adaptive strategy technologies		Target	-	10	15	25	25	75			
			Actual						0			
	No. of solar fish dryers procured and supplied to women groups		Target	11	0	0	0	0	11			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	No. of women groups selected and testing the driers in landing sites around the lake		Target	11	0	0	0	0	11			
			Actual						0			
	% decrease in fish post harvest losses		Target	5	10	0	0	0	15			
			Actual						0			
	% increase in acceptability of solar dried fish		Target	–	5	5	5	5	20			
			Actual						0			
	No. of business groups benefiting from business		Target	–	5	10	0	0	15			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	support services											
	No of business persons directly benefiting from business support services		Target	–	50	100	0	0	150			
			Actual						0			
	No. of business benefiting from fuel-saving technologies loans		Target	–	10	20	20	0	50			
			Actual						0			
	No. of business persons directly benefiting from fuel-saving technologies loans		Target	–	100	200	200	0	500			
			Actual						0			

PERFORMANCE INDICATOR	MEASURABLE INDICATORS OF PERFORMANCE	Baseline ¹	Target/ Actual	TARGET AND ACTUAL VALUES BY YEAR					Total	DATA COLLECTION & REPORTING		
				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	No. of demand-driven social services provided to hotspot communities through the programme		Target	-	1	2	2	0	5			
			Actual						0			
	No. of tree seedlings raised and planted		Target	300,000	3,000,000	3,000,000	3,000,000	700,000	1E+07			
			Actual						0			
	No. of tree seedlings survived		Target	210,000	2,100,000	2,100,000	2,100,000	490,000	700000			
			Actual						0			
	No. of Village		Target	5	10	0	0	0	15			

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				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	Forest Areas established		Actual						0			
	% increase of quantity of carbon stocks on customary and private land		Target	-	0	5	5	10	20			
			Actual						0			
	% increase in forest cover		Target	-	5	5	5	5	20			
			Actual						0			
	Area (Ha) of bare land with slope > 12 degrees afforested		Target	500	2500	2500	500	0	6000			
			Actual						0			
	Distance (Km) of		Target	5	15	15	10	5	50			

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				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	bare river corridors afforested		Actual						0			
	Area (Ha) of river banks afforested		Target	5	10	15	15	5	50			
			Actual						0			
	No. of forest blocks within forest reserves co-managed		Target	5	10	0	0	0	15			
			Actual						0			
	% decrease of frequency of forest fires		Target	5	15	25	30	0	75			
			Actual						0			
	% decrease of forest area destroyed by fire		Target	5	15	25	30	0	75			
			Actual						0			

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				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	No. of insectary laboratory rehabilitated		Target	1	0	0	0	0	1			
			Actual						0			
	No. of soil science laboratory rehabilitated		Target	1	0	0	0	0	1			
			Actual						0			
	No of fire bases rehabilitated to improve monitoring of fires in forested areas		Target	1	-	-	-	-	1			
			Actual						0			
	No. of fire towers constructed to monitor forest fires		Target	3	2	-	-	-	5			

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				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
			Actual						0			
	% increase in hectares of farm land under conservation agriculture in the hotspots		Target	5	5	5	5	0	20			
			Actual						0			
	% of households adopted fuel-saving technologies		Target	5	5	5	5	5	25			
			Actual						0			
	% of women groups using solar dryers and improved fish smoking kilns		Target	5	30	30	10	0	75			
			Actual						0			

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				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	% increase in level of awareness of impacts of consumer choices on energy and natural resources		Target	0	5	5	10	5	25			
			Actual						0			
PROGRAMME IMPACTS MONITORED	% of households with energy food reserves in critical months (Dec-Mar) ³		Target	0	10	10	10	10	10	Once/year	Community - Based M&E with verification sample surveys of hotspots/ households/ associations/ groups	LCBCCAP M&E team & district and hotspot field officers
			Actual									
	% increase in real household income		Target	0	10	10	10	10	10			
			Actual						0			
	% decrease of		Target	0	10	20	20	20	20			

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	households that are adopting irreversible/undesirable coping strategies		Actual						0			
	% increase in total annual energy/staple food crop production		Target	0	10	10	10	10	10			
			Actual						0			
	% increase in annual fish production from fish ponds and cages(tonnes)		Target	5	10	10	10	10	10			
			Actual						0			
	% increase in number of households in the target area which		Target	0	10	15	20	20	20			

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	use appropriate locally available resources to improve their food and nutrition security											
PROGRAMME OUTPUTS MONITORED			Actual						0	Once/year	Community - Based M&E with verification sample surveys of hotspots/ households/ associations/ groups	LCBCCAP M&E team & district and hotspot field officers
	% of project targeted households that accessed and use high quality improved seed varieties and / or planting materials		Target	0	10	10	20	20	20			
			Actual						0			
	% of HIV/AIDS affected households involved in productive enterprises		Target	10	10	10	10	10	10			
		Actual						0				

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	% of farmer organizations that are sustainable		Target	0	10	20	40	50	50			
			Actual						0			
	% of targeted households utilizing planted trees ²		Target	0	0	5	10	25	25			
			Actual						0			
	% of households involved in Forest Based Enterprises sourced from land under an approved legal arrangement		Target	0	5	10	15	25	25			
			Actual						0			
	Annual Increase in fish production		Target	0	5	10	10	10	10			

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				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
	per unit area (ton/ha) of pond or cage											
			Actual						0			
	% increase in carbon sequestration throughout the Basin		Target	0	5	10	15	20	20			
			Actual							0		
										Twice/ year	Forest Inventory	LCBCCAP M&E team & district and hotspot field officers

Note :

1. Baseline surveys will be conducted in May/June 2010 so figures will be filled in after the analysis is complete

2. There is lag time of at least 3 years before planted trees are large to harvest wood.

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				2010	2011	2012	2013	2014		Frequency of Reports	Data Collection Method	Collection Responsibility
<p>3. Targets on outputs will be determined after the baseline survey</p> <p>4.Targets on outputs will be determined after the baseline survey</p>												

Appendix F: LCB Year 2 Detailed