			Workplan of the S	CORE Project for 2017									
Expected Outputs	2016 Baselines	Targets	Indicators	Planned Activities	Deliverables		Timef	rame	Responsible Party		Planned Budg	et	
						Q1	Q2	Q3 (24	Funding source	Budget Description	Am	ount (NAD)
Activity 1 : Smallholder adaptive capacity	for climate resilient agricultural production practic	es strengthened			L						1		
Activity 1.1 Description of Indicator: Climate resilient agricultura Baseline Level: Formers (women and men) currently Target Level at end of project: By the end of the pro Activity 1.2 Description of Indicator: % of households that have n Baseline Level: 10% of households hold assets that Target Level at end of project: 4000 households hav	practices introduced to promote food security and diversified liv constrained by limited access to CCA knowledge and resilient ag ect 4000 hh of small-holders farmers, 80% (3200 hh) of which ar hore secure access to livelihood assets (5 point score) Disaggregge an be used to buffer pressure during periods of climate shocks e more secured assets and livelihoods diversified away from tradi	elihoods. ricultural practices e women and children have be sted by gender itional crop production, prome	een trained and are applying climate i ating food security.	esilient ogricultural production practices.									
Output 1.1: Smallholder advisory and mentorship	Literature review on Namibia's agriculture related	1. 5000 information toolkits	1. Number of Mentorship and	1. Comprehensive review of the English	1. Finalised English version of				PMU, MAWF,		1. Consultants and	N\$	322,000.00
programme that promotes drought resilient land management and crop production practices established to scale up good practice for 4,000 smallholder farmers	programmes, climate change adaption and related training materials carried out to assess training gaps for the development of the Mentorship programme; A capacity assessment conducted within various project regions to look at current training gaps to enable the the development of the technological data.	on the Smallholder advisory and mentorship programme finalised, translated into local languages and disseminated via various	Advisory Programme training materials translated and distributed.	version of the Smallholder advisory and mentorship programme materials to ensure that all relevant topics are included in the final product	Smallholder advisory and mentorship programme materials	x			Consultants		services for the development, translation and printing of the Mentorship and Advisory Programme		
1.1.1. Design and develop region specific mentorship programmes and materials 1.1.2. (i) Development a criteria for the selection of beneficiaries:	accomponent of the draming internals, > Draft manuals incorporating the gaps identified in the literature review and the capacity assessment on the Smallholder advisory and mentorship programme submitted and are under review by the PMU; > Draft overview of trainian aromarame submitted:	consideration existing materials, and with an additional awareness component with other farmers who are not project		 Translate final product of the Smallholder advisory and mentorship programme materials into three local languages 	2. Translated Smallholder advisory and mentorship programme into three local languages	x							
(ii) Select participants for the advisory and mentorship programme 1.1.3. Implement a mentorship programme	Befined criteria developed in-house and consultations held with MAWE and Regional Councils; List of possible participants for the mentorship training drafted; Baseline study conducted to select project beneficiaries and	beneficiaries		 Print and distribute 5000 copies of the Smallholder advisory and mentorship programme materials via training workshops, field visits and demostrations sites. 	 5000 Copies of the Smallholder advisory and mentorship programme materials printed and distributed 	x	x	x	x				
	get asselme data for Kunene, Kavango Last and West. • A proposed training schedule submitted and the implementation of the programme will commerce in 2017; • The programme will create a peer learning platform that links formers with outside expertise using a Training of Trainers (ToTs) approach.	2.Smallholder advisory and mentorship programme rolled out to conduct training of 210 (30 per region) Lead Farmers for 1- week (6 days) as Training of	 Number of TOT Smallholder advisory and mentorship programme Lead Farmers identified 	 Identification of TOT (i.e AT, Lead Farmers, farmers with potential and conduct the actual training). 	 List of potential Lead Farmers to undergo the TOT Smallholder advisory and mentorship programme 	x			PMU, MAWF, Consultants		 Hosting of Smallholder advisory and mentorship programme TOT workshops, Travel cost, DSA, Consultants and materials 	N\$	250,000.00
		Trainers (TOT)	 Number of Lead Farmers (TOT) trained through workshops and certified 	 Six days Training of Trainers (TOT) Training Programme developed and approved 	1. Approved 6-day TOT Training Programme and schedule	x				GEF			
				 Smallholder advisory and mentorship programme for TOT rolling out workshops taking into consideration all relevant stakeholders. 	 TOT Training reports produced (with attendance register and signatures) and attendance certificates issued to trainees 	x	x						
		 Topic specific targeted Smallholder advisory and mentorship programme rolled out, and conducted by Lead Farmers (TOT) for Follower Farmers (each lead farmer to train 30 followers) 	 Number of topic specific targeted Smallholder advisory and mentorship programme conducted for Follower Farmers for household representatives in targeted constituencies. 	 Identification of Follower Farmers from the project beneficiary list to benefit from the training 	 List of potential Follower Farmers for each village for Lead Farmers to undergo the Smallholder advisory and mentorship programme 	x					 Lead Farmers to train project beneficiaries, DSA and materials 		
				 Targeted 1/2 days training of Follower Farmers by Lead Farmers (TOT) on selected topics depending on need from the Smallholder advisory and mentorship programme 	 Follower Training reports produced (with attendance registers and signatures) and attendance certificates issued to trainees 	x	x	x	x		_		
			drought resilience crop management practices										
Output 1.2: Community self-help groups (SHGs)	Criteria developed to enable members of the micro-drin	1. 12 Self Help Groups	1. Number of SHG groups identified	1. Identify the existing organized	1. Field assessment report on				PMU, MAWF.		1. Field assessment of	NŚ	500.000.00
formed in the project zones to promote implementation and replication of climate-smart methods Revised Project Document Activities:	irrigation compared to make includes of the med on p irrigation community gardens to be trained via self-help groups; • The project is already working with self-help groups already been identified in some areas such as Engela; • Existing SHG activities will be monitored pending the possible Combination of the Officenteries	(SHGs) formed and active	and strengthened	community groups (Savings Groups, Orphan and Vulnerable Children (OVCS), etc.) and define their needs, roles and responsibility, and the best approach;	the existing groups and their needs;	x			Consultants (Linked to output 1.1)		existing groups and their needs;		500,000.00
1.2.2.1 (J) Develop a criteria for the selection of self- help groups; (ii) Form self-help groups 1.2.2. Train the most active and suitable members of seak with the transmission.	Intersound of the CES contract. • Under the mentorship programme, training materials have been developed for SHGs.			2. Strengthen existing SHGs	 Report on the list of strengthened SHGs with specific members 	x				GEF	2. Community mobilization to strengthen or form new groups		

בעכוו זכון-ווכוף פוטעף		2. 12 SHGs trained based on needs	1. Number of SHG members trained:	1. Provide training based on the need of the SHGs	 Training report (with attendance registers and 		x	x	PMU, MAWF, Consultants TOT	Ī	3. Consultant, Logistics		ļ
		10003	danca,	51103	signatures)		Â	~	(Linked to output				
			 Number of strengthened SHGs active 	 Monitoring the work progress of strengthened groups 	1. Monitoring reports from SHGs		x	x	1.1)				
-			detive .	Strengenenea Broabs	51105								
Output 1.3: At least 300 trained farmers' field school	Criteria developed to enable micro-drip irriagtion	1. 210 Farmers' field school	1. Number of Farmers' field school	1. Identification of Farmers' field school	1. List of potential Farmers'	r –	1	- 1	PMU.PMU. MAWF.		1. Hosting of Smallholder	NŚ	500.000.00
leaders and coordinators in drought resilient land management practices serving 4,000 households Revised Project Document Activities: 1.3.1.(i) Develop a criteria for the selection of Lead rarmers;	beneficiaries and selected lead farmers to be trained; • Community meetings held including the training of some lead farmers via former Field Days; • Some lead farmers and leady selected with MAWF and also to be trained via self-help groups. • The development of farmer training curricula was	leaders and coordinators through the Smallholder advisory and mentorship programme are trained in drought resilient land management practices 210	leaders and coordinators identified	leaders and coordinators (i.e AT, Lead Farmers, farmers with potential to be trained).	field school leaders and coordinators to undergo training on drought resilient land management practices	x			Consultants (Linked to output 1.1)		advisory and mentorship programme Farmers' field school leaders and coordinators workshops, Travel cost, DSA, Consultants and materials		
(ii) Identify and train Lead Farmers 1.3.2. Development of farmer training curricula based on the technologies to be scaled up harmonizing with the mentorship programme and a demand-driven bottom-up approach	incorporated into the mentorship training programme to save an resources and synergies	(30 per region)	 Number of Farmers' field school leaders and coordinators trained through workshops and certified 	 One day training course and schedule on drought resilient land management practices approved 	1. Approved one-day Farmers' field school leaders and coordinators Training Programme and schedule on drought resilient land management practices	x							
				 Drought resilient land management practices workshops taking into consideration all relevant stakeholders. 	 Farmers' field school leaders and coordinators Training reports produced (with attendance register and signatures) and attendance certificates issued to trainees 		x	x	(GEF			
		 Drought resilient land management practices training rolled out using the Smallholder advisory and mentorship programme materials, and conducted by Farmers' field school leaders and coordinators for 	 Number of drought resilient land management practices training conducted for Follower Farmers for household representatives in targeted constituencies. 	 Identification of Follower Farmers from the project beneficiary list to benefit from the training 	 List of potential Follower Farmers for each village for Farmers' field school leaders and coordinators to undergo the drought resilient land management practices programme 	x			PMU, MAWF, Consultants Farmers' field school leaders and coordinators, (Linked to output 1.1)		2. Farmers' field school leaders and coordinators to train project beneficiaries, DSA and materials		
		Follower Farmers (each Farmers' field school leaders and coordinators to train 30 followers)		 Targeted one day training of Follower Farmers by Farmers' field school leaders and coordinators on in drought resilient land management practices from the Smallholder advisory and mentorship programme 	 Follower Training reports produced (with attendance registers and signatures) and attendance certificates issued to trainees 		x	x	κ.				
		1							-				
Output 1.4: 4,000 smallholders plant their land in time to catch the first rains <u>Revised Project Document Activities:</u>	 Held continued consultations with MAWF-DAPEES at national and regional levels including a meeting held in Swakopmund to plan for CA activities for the 2016/17 planting season; 	1400 Smallholder farmers across all regions plant their land in time to catch the first rains	 Number of households/famers identified and registered for CA land preparation 	 Identification and registration of farmers needing CA ripping services (Whenever possible additional farmers beyond the beneficiary list) 	 Registration list on the number of households/farmers requiring ripping services 		x	x	PMU, MAWF, AMTA, Consultants			NŞ	300,000.00
1.4.1.(i) Pursue synergies and collaboration with existing programmes on the ground; (ii) Assess the sufficiency of implement and	 Additional identification of equipment and human resources needs done with MAWF which resulted in an additional John Deere tractor and ripper to be procured for the Kunene Region 		2. Quantity of inputs (seeds & fertilizers, etc.) procured and distributed	 Procure quantified inputs (seeds, fertilizers, etc.) for CA farmers; 	1. List of procured inputs		x	x			Procurement of input		
ploughing tools on the ground; (iii) Provide access to climate-smart ploughing	which delivered to Okonguati. The tractor is currently assisting formers in Found and Onuwo Bural		ustributed	2. Distribute input to CA via ADCs	2. List of distributed inputs via			x	(
services to 600 households per region;	All six tractors and rippers registered with MAWF/DAPEES to use GEN discal and drivers as part of co-financing:			3. Follow up on seed distribution and	Completed seed performance				(
collaboration with DAPEES;	With AMTA/MAWF provided training support for additional		2 Effective and regular	performance.	sheet						Procurement of spare		
(V) Train tractor drivers basic mechanic training (vi) Involve students from vocational centres on basic tractor mechanic training	tractor drivers which included basic mechanic training; • Identified beneficiaries (including lead farmers) to participate in the SCORE Conservation Agriculture program		maintenance service for tractors	maintenance	spare parts fittings	x			¢		parts and maintenance.		
1.4.2. (i) Support the improvement of seed production in Namibia; (ii) Improve seed distribution;	 Introduct in the section control of a section of a control of the section of the se		 Number of tractor drivers trained and supported to start early ripping 	1. Conduct training for Tractor Drivers;	2. Tractor drivers Training Reports			x	x		Training support and DSA for MAWF Tractor Drivers to start early ripping		
 (iii) Support the development and finalization of the National Seed Policy (2017). 1.4.3. Disseminate seasonal forecast and early warning information 	Held community meetings to raise CA awareness. Procured legumes for CA from Zambia after consultation with MAWF/DAPEES at national and regional level on types of seeds needed; Developed a seed register to enable project beneficiaries to buy seeds at Agro-development centres (ADCs), to track the			 Support to MAWF Tractor Drivers to start early ripping 	Report on number of tractors drivers supported to start early ripping services before contractual drivers			x					
	distribution and also a feedback form post production and storage on seed performance; • Transported and packaged seeds for distribution to CA farmers; • Subsidized seeds sold to farmers as part of MAWF revenue		5. Number of MAWF staff trained on CA	CA capacity development for MAWF Agricultural Technicians	Training reports produced (with attendance register and signatures) and attendance certificates issued to trainees		x	x					
	collection and to decrease dependency; • Identified demo plots to support the possible research and activities to promote and increase seed production; • Onankali ADC Demonstration plot upgraded for CA demo fields.		6. Number of CA Lead Farmers fully supported.	Target two Lead Farmers (two per constituency) to be fully supported (input, land preparation, training, etc.) and hold various demonstrations at their plots	Reports on support (input, land preparation, training, etc.) provided to Lead Farmers		x	x	(
	This activity is ongoing with regular consultations with MAWF to collaborate on further development of an Early Warning System and an information centre; Consultations held with Food and Agriculture Organisation (FAO), Office of the Prime Minister – Disaster Risk		7. Number of Follower Farmers trained on CA.	1. Conduct on-site training for Follower Farmers	Training reports produced (with attendance register and signatures) and attendance certificates issued to trainees			x	(GEF			

	Management Unit; • Participated in various conferences and events relating to droughts and EWS.		Ripping services provided to 200 farmers per region/per year Repeat ripping services provided for 50 farmers for monitoring purposes (using seed grower approach).	Conduct two Farmer's Field Day and exchange visits for Follower Farmers Train farmers via the Mentorship Training programme, and with AMTA/MAWF the processing and Support MAWF-DAPEES staff to monitor progress and verify the hectares ripped at farmers' field; Support MAWF-DAPEES staff to monitor progress and verify the hectares ripped at farmers' field and potential for seed growers;	Farmers Field Day/Exchange visit reports Training reports produced (with attendance register and signatures) and attendance Report on the number of households preparing their land on time for planting season and verification sheets on fields ripped. Ripping services reports and seed growers identified			x	x x x					
		Support the development and finalization of the National Seed Policy (2017).	I. Number of consultative meetings held with key stakeholders Z. Meeting reports J. Policy interventions	Support the development and finalization of National Seed Policy	1. Progress report	x	x	x	(DA Far X	ARD, DAPEES), Irmers, Seed DOP,		1. Support towards the finalization of National Seed Policy	NŞ	20,000.00
			EWS information disseminated; Z. Number of radio programs aired	Desktop study (Get Early Warning System (EWS information); Z. Develop EWS strategy and Implementation plan	1. Desktop study report on EWS	x	×		PM DAI	MU, MAWF- APEES on EWS		1. Obtain information from existing Automated Weather Stations and disseminate information	N\$	50,000.00
				3. Disseminate EW information as per Strategy			^	x	x			various media, as soon as they are available.		
	•													
Output 1.5: Fresh vegetables' production through soil improvement and micro-drip imgation practiced by 2,000 households, including 35% orphan-led households <u>Revised Project Document Activities</u> : 1.5.1. Create an understanding of the benefits and	 A brochure on school gardening published and provided to a number of schools; A training manual developed on vegetable production and micro-drip irrigation gardens (version translated in Schnidonga and will be translated in Rukwangali and Citjinerro); Seeds for vegetable gardens procured for and provided to 	 100% of the existing micro-drip irrigation continuously supported technically 	 Addiotional input procured (seeds, fertilizers) 	 Provision of inputs (seeds & fertilizers) 	 Progress reports on the provision of input and improvement of gardens; 		x	x	РМ	ИU, MAWF, RCs		 Procurement of additional inputs (seeds, fertilizers) service provision to ensure existing beneficiaries gardens are operational 	NŞ	100,000.00
challenges entailed by the production of fresh vegetables	micro-drip irrigation gardens project beneficiaries; • Training conducted for micro-drip vegetable garden			 Conduct refresher training course for the beneficiaries: 	 Training report on refresher training course 			x				1. Information brochure on general vegetable		
 1.5.2. (i) Adopt the drip and bucket irrigation system for vegetable gardens where appropriate; 1.5.3 Train farmers on the usage and maintenance of drip irrigation equipment. 	beneficiaries, and will be continued in 2017 with AMTA on volue chain production. • A mitro-drip irrigation system rapid assessment carried out and 217 project beneficiaries selected as indicated below; • 217 mitro-drip irrigation systems and nurseries installed in all project implementation sites: o 44 organised groups and/or community gardens with each		 Number of school gardens revived and producing. 	1. Continuous monitoring of gardens progress	1. Monitoring reports	x	x	x	x			production and translated into local languages.		
	group with an average of 10 active members of mastly women led groups; o 54 schools with each school with an average of 200 learners; o 131 individual formers including Lead Formers (79 females and 40 moles). Installation of nurseries, transplanting and further distribution of tools and production of seedlings at all sites in the regions; Fencing materials to improve security and deter domestic animals, and NPK fertilizers were distributed to beneficiaries ; > two sites already harvesting vegetables such as tomatoes, spinach and butternuts and selling the produce to ANTA. The cost recovery and return for this activity will be monitored and			 Production and distribution of information brochures on general vegetable production and translated into local languages. 	 Information brochure on general vegetable production and translated into local languages 	x	x				GEF			
	reported in 2017 Benericiaries (16 males and 58 females) in (Oshana, Omusati, Ohangwena and Oshikoto) have been trained on the usage and maintenance of drip ingation equipment conducted including an general crap husbandry, pest management, system management, GAP and marketing of the resulting produces		 Number of community gardens actively producing vegetables 	 Continuous monitoring of gardens progress including the economic and food security returns 	 Report on the economic and food security returns on the gardens 	x	x	x	x					
Output 1.6: Crop diversification to complement traditional crop production for 75% of households	The project procured sorghum seeds for Lead Farmers and for usage at demonstration gardens; During the project inception Workshop, the project was also	30 per region, were applicable	1. Number of farmers provided with leguminous crop seeds	1. Assessment of additional leguminous crop needs,	Leguminous seeds procured and distributed to targeted project beneficiaries			x	x	MU, MAWF		Provision of leguminous seeds to 210 targeted project beneficiaries.	N\$	200,000.00
Revised Project Document Activities: 1.6.1. Scale up the production of regional specific crops such as sorghum, cactus and rice production for the diversification of livelihoods 1.6.2. Scale up soil improvement interventions that	encouraged to look for other means to encourage farmers to engage in agroforestry praduction systems to maximize the gardens/plots. The project in 2016 thus requested for fruit trees to be donated to drip irrigation farmers beneficiaries and this was submitted to MAWT-Directorate of Forestry			2. Procure and distribute seeds to farmers	+			x	x					

minimize soil erosion and water-related ecosystem services 1.6.3. Scale up sunflower production 1.6.4. Promote the use of plastic buckets/containers for the watering of newly planted (indigenous) tree s	 Consultation held with FAO on provision of manure from Okapuka, the cost implications are very high, and deem not viable. The project will train project beneficiaries on the importance of collecting manue and composting, and will also provide training at a demo plot; SCORE supported the setting up of the cultivated posture for the Okapyo Livestock Development Centre to look at various grasses aimed at minimising soil erosion Continued with consultations with key stakeholders in Kavango West and Kavango East to commence the scaling up of sunflower production for 2017 planting secson. Attended an information day on sunflower production hosted by ApriBusDev IR andu (Agricultural Technical Centre) who will facilitate the procurement of sunflower seeds. Training and awareness as part of mentorship training programme 	Scale up soil improvement interventions that minimize soil erosion and water-related ecosystem services to 30 ha under sunflower production All micro-drip irrigation gardens to plant indigenous trees as wind-breaks and to replace fencing.	Number of farmers trained on soil improvement techniques 1. Number of sunflower seeds provided to the beneficiaries 2. Number of farmers successfully growing sunflower 3. Number of ha under sunflower production Number of indigenous trees planted	Explore soil improvement interventions and water-related ecosystem service Z. Train farmers to use soil improvement techniques I. Assess the needs and viability of sunflower production in Kavango Z. Procure sunflower seeds via AgriBusDev; to assist farmers plant sunflower Planting of indigenous trees in all micro- drip irrigation gardens	Training report Assessment report on production viability; Procured sunflower seeds Report identifying sunflower producing farmers in the . Field prepared for sunflower production reports . Monitoring reports on sunflower production Reports on all indigenous trees planted all micro-drip irrigations	x x x x	x x 	x x x x x	x PI	PMU, MAWF, NUST, INAM PMU (AgriBusDev) PMU, MAWF Forestry)	GEF	Logistics Provision of sunflower seedlings to project Field preparation Procurement of seedlings	N\$	200,000.00
Output 1.7: Savings and loan schemes are tested among smallholder farmers to promote replication and the scale up of adaptive practices and technologies	In-progress to explore various financial options for the project beneficiaries; Focus on the existing arganized groups; Farmer training to be conducted under the Smallholder advisory and mentarship programme above;	12 Saving loan schemes are tested within the SHGs	Number of saving groups supported	Locate existing saving loan groups established by CES. Needs assessment and provision of the necessary support	Report on existing saving groups Regular report on tested loan schemes	x	x	x	P m st	PMU, CES Linked to micro-finance study	UNDP	CES services contract (Linked to output 1.2)	N\$	10,000.00
Revised Project Document Activities: 1.7.1 (i) Flangse a micro-finance expert to develop a long-term microfinance strategy for the project; (ii) Explore the rolling out a system for farmers to get loans for crop production inputs; (iii) Training of communities on their roles and responsibilities on community banking. 1.7.2 Review and evaluate the existing CES (CLUSA) supported savings groups 1.7.3 Intraduce a solvings approach to SHGs, link to access to seeds and other inputs 1.7.4 Facilitate access to microloan schemes	ESS contractual services to train farmers on roles and responsibilities on community banking. M&E carried out before contractual obligations; Review to be completed On-going progress based on community gardens and existing SHG findings (12 SHGs established with 80% women); CES contractual services to train farmers and establish swings groups In-progress to explore various financial options for the project beneficiaries.		Number of saving groups, and or community member trained	I. Training of communities on their roles and responsibilities on community banking; Introduce a savings approach to SHGs, link to access to seeds and other inputs	Micro-finance strategy report in place	x	x x	x x	x r	PMU, CES Linked to loan scheme	GEF	CES Service Contract (Linked to output 1.2) Z. Training of communities on the approach, their roles and responsibilities on community banking.	N\$	200,000.00
Output 1.8: Market linkages established for dryland products working with the private sector <u>Revised Project Document Activities</u> : 1.8.1. Explore linkages with AMTA on the development of a project plan that establishes which value chains should be specifically pursued through the SCCF financed intervention 1.8.2. (i) Facilitate market access and improve marketing expertise; (ii) Scalie-up support to communities to venture into the marketing operative. 1.8.3. Facilitate training in grading, cleaning and packaging of products with AMTA	 Consultations carried out with AMTA and working relationship established; AMTA linkages further strengthened during drip irrigation implementation in the project zones; SCORE project to attend regular AMTA meetings and AGMs; Monitor the former's garden's production and update AMTA an the progress. Beneficiaries (Oshana, Omusati, Ohangwena and Oshikoto) have been trained on the marketing of the resulting produces; AMTA buying and willing buy formers produce provided the quality is good; Additional options have been explored for the selling of produce including at schook, hospitals and lodges Continuous engagement of AMTA to create awareness for small scale formers; Monitoring and evaluation to be conducted under drip irrigation set up and training of beneficiaries. 	100% of existing micro-drip garden beneficiaries supported and linked to market	Percentage of rural farmers in project areas linked to the formal market (AMTA, others). Number of beneficiaries trained on good agricultural practices (GAP), grading, cleaning and packaging of products to venture into the marketing of local products with AMTA	I. Introduce existing micro drip beneficiaries to AMTA, to sell their products and to the formal market. Z. Facilitating identification of other markets for farmers Train drip inrigation beneficiaries on good agricultural practices (GAP)	Progress report on the market linkages Z. Formal markets established Training report	x x x	x x x	x x x	x x	PMU, AMTA, MAWF	UNDP	Linkage with AMTA set up to continue the link of rural farmers to the formal market Logistics Training of project beneficiaries via AMTA on packaging of products	N\$	100,000.00
Output 1.9: Documentation of best practices Revised Project Document Activities: 1.9.1. Set up local level monitoring, farmer's action research and formal evidence-based impact monitoring systems for all project interventions and innovations 1.9.2. Link to MAWF/DART agriculture research and other relevant research entities 1.9.3. Provide for research knowledge to be integrated into relevant policy processes (see Outcome 3). ACTIVITY 1 SUB-TOTAL	• A local level monitoring sheet developed to be used by project beneficiaries; • Continuous monitoring of project activities on the ground • A M&E Pion for the SCOBE project developed which includes indicator Tracking Table (ITT) an excel based tool available at SCOBE/MET titled: • Amateria and Evaluation Pion for Scaling Up Community Resilience To Climate Variability and Climate Change • Agreed to facilitate the establishment of demonstration plots in the regions dealing with various Conservation Agriculture related issues; • The harvested produce from the demonstration plots can be donated to orphons and the vulnerable in the community • Demo plots upgraded • Initiated consultations with MAWF DAPEES and DART	Quarterly documentation of best practices	Number of best practices recorded	Continuous monitoring of all project activities (SCORE tracking tool)	1).indicator tracking table report 2) Progress report; 3) Policy papers/series	x x x	x x x	x x x	x P	PMU, RCs, MAWF	MET/MAW F	 Monitoring and data collection of all project activities 	N\$	10,000.00 2,862,000.00
														,,

Activity 2: Reduced vulnerability to droughts and floods through the restoration of wells and enhancement of floodwater pools for food security

Activity 2.1 Description of Indicator: Percentage of area covered by flood and drought infrastructure. population with access to improved flood and drought management (disaggregated by gender) Baseline Level: Currently less than 10% of the targeted land area is covered by effective flood management infrastructure Target Level at end of project: 80% of targeted land area is covered by efficient flood management infrastructure

Activity 2.2 Description of Indicator: Percentage of the population receiving relevant climate risk management information

	ign to seasonal forecasts) abes not currently reach local populati	ons												
Output 2.1: Flood and drought control measures	 In-house desktop studies and consultations with relevant 	1. Five earth dams	Number of earth dams/wells/water-	1. Regular monitoring and supervision of	(1) ToRs developed and					PMU, RCs,		(1) Advertising (2)	N\$	290,000.00
provided to smallholder farmers in flood-prone areas	stakeholders especially with MAWF-Hydrology carried out.	restored/rehabilitated	catchment ponds excavated or	earth dam restoration	advertised (2) Supervising firm	×	×	x	×	communities and		Consultancies (3)		
	Mapping of areas ongoing		restored		contracted (3) Earth	^	â	^	î	MAWF/Hydrology		Transport and DSA (4)		
Revised Project Document Activities:	Hand-dug wells:			-	dams/wells/water-catchment		+					Excavation/restoration of		
2.1.1.(I) Identify those project zones that are prone	o Engagement of the targeted communities and select the	Twelve wells rehabilitated		Regular monitoring and supervision of	ponds constructed (I)Earth	х	x	х	х			the earth dams, water-	NŞ	200,000.00
to floods and scope out flood and drought control	wens that needs to be restored based on need;			well rehabilitation	dams and wells restored, (II)		+					catchment ponds and		
the Africe Adaptation Project, consulting with MAM/E	identified to be restored:	4. Four water-catchment		 Regular monitoring and supervision of 	earch uains and wens							wens	NŞ	200,000.00
DWA-Hydrology:	a Restaration of wells commenced	ponds constructed,		catchment ponds	water harvested	х	х	х	х					
(ii) If baseline information is not available, hold	Fxisting Earth dams:				water nurvested									
consultations with: regional councils, constituency	o Discussions with Regional Councillors offices and local						+						<u>.</u>	
councillors, traditional authorities and relevant	communities to prioritize earth dams restoration;	5. Existing fish farms	Number of fish farming farmers	1. Existing fish farms in the project zones	1. Regular report on the					PMU, MFMR		Procurement of grower	NŞ	150,000.00
stakeholders to identify project zones;	o Identification of earth dams for restoration in target areas;	supported	supported and actively producing	supported (assistance with inputs and	provision of input;	х	х	х	х			and feed		
(iii) The identified prone areas should also be verified	o Specifications agreed on;		lisii	leed),										
with local stakeholders.	o Commencement of restoration				2. Report on fish production									
2.1.2. (i) Use local and indigenous knowledge in the	 Reconnaissance field trips were conducted in all intervention 					х	х	х	x					
restoration of traditional wells and enhancement of	areas;						\square				GEF			
inland ephemeral floodwater pools for households in	 Sites identified for the restoration of existing earth dams and 	5. 12 SHG trained on	1) Number of self help community	1. Find existing SHGs community support of	1. SHG established					PMU, MFMR,		1) Printing of training	N\$	250,000.00
the project zones and to diversify livelihoods;	wells, restoration underway;	management of harvested	groups supported/ formed	self help groups to provide them with						MAWF, RCs, TAs		materials		
(II) consider using Food for Work as an incentive	Contractors have been taken to site; Community montions hold for the communities to take	water and multipurpose use		training on management of harvested										
2.1.3 Trained communities on the management of	community meetings new jor the communities to take ownership:			water and multipurpose use			×							
harvested water and multipurpose use the water for	Rainfall may hinder contractors work													
livestock, irrigation, fresh vegetable production or	Monitoring the work of the contractors to ensure quality													
inland aquaculture	The community training on the management of harvested		2) Livelihand and income generation	2. Conduct of training workshaps on	1 Costified Training provided		++	-	-			2) Conducting of Training	-	
	water and multipurpose use the water was incorporated into		 Livelinood and income generation activities improved 	management of harvested water and	1. Certified fraining provided							(refreshments transport		
	the mentorship training programme to save on resources and		detivities improved	multipurpose use through established								venue)		
	synergies. The training will take place in 2017.			institutional structures (Outcome 1) e.g.			х	х	x					
				SHGs, FFSs and mentorship programme										
							+							
					2. Training report		х	х	х					
	•			•										
Output 2.2: Climate-smart Irrigation practiced	Currently being implemented under output 1.5 above	1) Identification of 10	Number of farmers practicing	1) Setting up the bucket irrigation systems	Set of bucket irrigation systems	v	~	v	~	PMU, CES, MAWF		1) CES contractual	N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per Constituency	Number of farmers practicing bucket irrigation	 Setting up the bucket irrigation systems in identified project zones. 	Set of bucket irrigation systems	x	x	x	x	PMU, CES, MAWF		1) CES contractual obligations	N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities:	Currently being implemented under output 1.5 above	 Identification of 10 individuals per Constituency to practice back yard bucket 	Number of farmers practicing bucket irrigation	 Setting up the bucket irrigation systems in identified project zones. Training of project beneficiaries to use 	Set of bucket irrigation systems	x	x	x	x	PMU, CES, MAWF		1) CES contractual obligations 2) Setting up the bucket	N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced <u>Revised Project Document Activities:</u> 2.2.1. (i) Identify the sites where irrigation systems	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment	Number of farmers practicing bucket irrigation	 Setting up the bucket irrigation systems in identified project zones. Training of project beneficiaries to use and maintain systems 	Set of bucket irrigation systems	x	×	x	x	PMU, CES, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the	N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1. (i) Identify the sites where irrigation systems will be and the target groups;	Currently being implemented under output 1.5 above	 Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 	Number of farmers practicing bucket irrigation	 Setting up the bucket irrigation systems in identified project zones. Training of project beneficiaries to use and maintain systems 	Set of bucket irrigation systems	x x	x x	x x	x x	PMU, CES, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the	N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1. (<i>i</i>) Identify the sites where irrigation systems will be and the target groups; (<i>ii</i>) Consult MAWF-DAPEES on the established	 Currently being implemented under output 1.5 obove 	 Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 	Number of farmers practicing bucket irrigation	 Setting up the bucket irrigation systems in identified project zones. Training of project beneficiaries to use and maintain systems 	Set of bucket irrigation systems	x x	x x	x x	x x	PMU, CES, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials	N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced <u>Revised Project Document Activities:</u> 2.2.1. (i) Identify the sites where irrigation systems will be and the target groups; (ii) Cansult MAWF-DAPGES on the established procedures for setting-up irrigation systems; <u>Bill</u> Canside the interduction of some of them	Currently being implemented under output 1.5 above	 Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 	Number of farmers practicing bucket irrigation	 Setting up the bucket irrigation systems in identified project zones. Jarianing of project beneficiaries to use and maintain systems 	Set of bucket irrigation systems	x x	x x	x x	x x	PMU, CES, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials	N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.(i) Identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWF-DAPESS on the established procedures for setting-up irrigation systems; (iii) Consider the introduction of some of these hordpairus into the Groups Schware Bud; above	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden	Number of farmers practicing bucket irrigation Number of farmers practising CA	 Setting up the bucket irrigation systems in identified project zones. Ji Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to 	Set of bucket irrigation systems	x	x x	x x	x x	PMU, CES, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors	N\$ N\$	1,500,000.00 200,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.1 (identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAPEES on the established procedures for setting-up irrigation systems; (iii) Consider the indocuction of some of these techniques into the Green Scheme, Peri-urban horitantine and Dundar Caro Climation	Currently being implemented under output 1.5 obove	I) Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA	Number of farmers practicing bucket irrigation Number of farmers practising CA principles	 Setting up the bucket irrigation systems in identified project zones. Jarnaimag of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 	Set of bucket irrigation systems Farmers practicing continuous CA principles	x	x	x	x	PMU, CES, MAWF RPCs, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors	N\$ N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAFESS on the established procedures for sorting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Paragramme ras entry ophif for mainstreaming	Currently being implemented under output 1.5 above	I) Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles	Number of farmers practicing bucket irrigation Number of farmers practising CA principles	 Setting up the bucket irrigation systems in identified project zones. Ji Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 	Set of bucket irrigation systems Farmers practicing continuous CA principles	x	x	x x x	x x x	PMU, CES, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Alleurance for tractors	N\$ N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.(i) identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWF-DAFESS on the established procedures for setting up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Crop Cultivation Programme as an entry point for mainstreaming climate smart activature	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles	Number of farmers practicing bucket irrigation Number of farmers practising CA principles	 Setting up the bucket irrigation systems in identified project zones. Jiraining of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 	Set of bucket irrigation systems Farmers practicing continuous CA principles	x	x	x x x	x x x	PMU, CES, MAWF	GEF	1) EES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor driver	N\$ N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1. (i) Identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWP-DAFESS on the established procedures for sotting-up irrigation systems; (iii) Consider the introduction of some of these techniques; into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme can entry point for mainstreaming climate smart agriculture (iii) Setu pirrigation systems in project zones	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden	Number of farmers practicing bucket irrigation Number of farmers practising CA principles	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the	x	x	x x x	x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training Printing of	N\$ N\$	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1. () Identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWF-DAPESEs on the established procedures for setting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Crop Cultivation Programme as an entry point for mainstreaming climate smart agriculture (iv) Set up irrigation systems in project zones 2.2.2. Support the MAWF-Comprehensive	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency individuals per constituency irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation	 Setting up the bucket irrigation systems in identified project zones. J Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts Train farmers on the maintenance of the drio irrigation systems e.e. use of filters as 	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drio irritation	x	x	x x x	x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF	GEF MAWF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractors . Training, Printing of materials	N\$ N\$ N\$	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() identify the sites where irrigation systems will be and the target groups; (iii) Cansider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme as an entry point for mainstreaming climate smart agriculture (iv) Set up irrigation systems in project zones 2.2.2. Support the MAWF-Comprehensive Conservation Agriculture Forgarmene to introduce	 Currently being implemented under output 1.5 obove 	 I Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment micro-drip irrigation garden 100% irrigation garden beneficiaries practising CA principles 100% of irrigation garden beneficiaries trained on maintenance of systems 	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their	1) Setting up the bucket irrigation systems in identified project zones. 2) Jraining of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems	x	x	x x x	x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials	N\$ N\$ N\$	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAFESS on the established procedures for sotting-up irrigation systems; (iii) Consider the introduction of some of these techniques: into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme as an entry point for mainstreaming climate smart agriculture (iv) Set up irrigation systems in project zones 2.2.Support the MAWF-Competensive Conservation Agriculture Programme to introduce relevant Conservation Agriculture practices to	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment irrigation 2.100% irrigation garden beneficiaries practising CA principles 3.100% of irrigation garden beneficiaries trained on maintenance of systems	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems appropriately	 Setting up the bucket irrigation systems in identified project zones. J Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems	x x x	x x x	x x x x	x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Dissel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials	N\$ N\$ N\$	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.(i) Identify the sites where irrigation systems will be and the target groups; (iii) Consult MAWF-DAPESS on the established procedures for setting-up irrigation systems; (iiii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Cop Cultivation Programme as an entry point for mainstreaming climate smart agriculture (iv) Set up Irrigation systems in project zones 2.2.2. Support the MAWF-Comprehensive Conservation Agriculture Programme to introduce relevant Conservation Agriculture practices to complement Irrigation	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per Constituency to practice back yard bucket irrigation to compliment irrigation to compliment 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on maintenance of systems	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems	x x x	x x x	x x x x	x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF	GEF	1) CES contractual obligations procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials	N\$ N\$	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAFESS on the established procedures for sotting-up irrigation systems; (iii) Consider the introduction of some of these techniques; into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme can entry point for mainstreaming climate smart agriculture (iii) Set up irrigation systems in project zones 2.2.2: Support the MAWF-Comprehensive canservation Agriculture practices to complement irrigation 2.2.3.() (I rain formers on the proper use and	Currently being implemented under output 1.5 above	 I identification of 10 incividuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries 	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems appropriately Number of farmers carrying out	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Trainin farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting	x x x	x x x	x x x x	x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF PMU, MAWF	GEF MAWF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of 1. Training, Printing of	N\$ N\$ N\$	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWF-DAPESEs on the established procedures for setting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Crop Cultivation Hragaronme as an entry point for mainstreaming climate smart agriculture (iv) Set up irrigation systems in project zones 2.2.2. Support the MAWF-Comprehensive Conservation Agriculture Programme to introduce relevant Conservation Agriculture practices to complement irrigation 2.2.3.() Ortafi formers on the proper use and maintenance of irrigation systems;	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on local level	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level monitoring and providing	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation	x x x	x x x	x x x x	x x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF PMU, MAWF	GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials	NS NS NS	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1. (I) Identify the sites where irrigation systems will be and the target groups; (II) Consult MAWP-DAFESS on the established procedures for sotting-up irrigation systems; (III) Consider the introduction of some of these techniques into the Green Scheme, Peri-uban horticulture and Dryland Crop Cultivation Programme as an entry point for mainstearning climate smart agriculture forgarized to sing in project zones 2.2.2. Support the MAWP-Comprehensive Conservation Agriculture Programe to introduce relevant Conservation Agriculture practices to complement trigation 2.2.3. (J) Train farmers on the proper use and maintenance of thingation systems in the proper use and maintenance of thingation systems in the concerning to programme as a coll sevel resource manifering to programme to based based and the size of the sevence manifering the complement trigation	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket rigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x	x x x x	x x x x x x	x x x x	PMU, CES, MAWF RPCS, MAWF RPCS, MAWF PMU, MAWF	GEF MAWF	1) CES contractual obligations 2) Setting up the bucket system and the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training Printing of materials	NS NS NS	1,500,000.00 200,000.00 50,000.00 150,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups; (ii) Consiler the introduction of some of these techniques: Into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme can entry point for mainstreaming climate smart agriculture (iv) Set up irrigation systems in project zones 2.2.3.(p) or thin PAMPC Dragmetensive Conservation Agriculture Programme to introduce relevant Conservation Agriculture practices to complement irrigation 2.2.4.5.ext pot acol level resource monitoring programme which OpDies Gramers basic research to a particulture the DADESS containe acoustice and the DADESS containe acoustice of the set technologies of the proper solution material and programme which DADESS containe acoustice and the DADESS containe acoustice of the set technologies of the DADESS containe acoustice of the set programme which DADESS containe acoustice of the set technologies of the programme acoustice of the set technologies of the set of the technologies and the set programme which DADESS containes acoustice of the set technologies of the set of the set of the set of the set technologies of the set of the set of the set of the set technologies of the set of the set of the set of the set of the set technologies of the set of	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2.100% irrigation garden beneficiaries practising CA principles 3.100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level motioning and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x	x x x x	x x x x x x	x x x x	PMU, CES, MAWF RPCS, MAWF RPCS, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials	N\$ N\$ N\$	1,500,000.00 200,000.00 50,000.00 150,000.00
Dutput 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups; (II) Consult MAWF-DAPESS on the established procedures for setting-up irrigation systems; (III) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Crop Cultivation Programme as an entry point for mainstreaming climate smart agriculture (IV) Set up Irrigation systems in project zones 2.2.3. Support the MAWF-Comprehensive Conservation Agriculture Programme to Introduce relevant Conservation Agriculture practices to complement irrigation 2.2.3. Lup of the Adupter Schemes in project zones 2.2.4. Set up a local level resource monitoring programme which applies formers' basic research be carried out with DAPESS extension services to firrigia on y stems;	• Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket rigistion to compliant micro-drip irrigation beneficaries practising CA principles 3. 100% of irrigation garden beneficaries trained on maintenance of systems 4. Project beneficiaries trained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x	x x x x	x x x x x x	x x x x	PMU, CES, MAWF RPCS, MAWF RPCS, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials	NS NS	1,500,000.00 200,000.00 50,000.00 150,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAFESS on the established procedures for sotting-pirrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme esa entry point for mainstreaming climate smart agriculture (more the MAWF-Comprehensive 2.2.2: Support the MAWF-Comprehensive Conservation Agriculture practices to complement irrigation 2.2.3.() Torin formers on the proper use and maintenance of irrigation systems; 2.2.4.5 et up to acal level resource monitoring programme which applies formers' basic research to be carried out with DAFES technics nervices officiation and lead formers e, a. on onform demonstation site, and at Lead formers' fams and	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2.100% irrigation garden beneficiaries practising CA principles 3.100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x	x x x x	x x x x x x	x x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials	NS NS NS	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWF-DAPEES on the established procedures for setting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Crop Cultivation Hragaronme as an entry point for mainstreaming climate smart agriculture (iv) Set up irrigation systems in project zones 2.2.2. Support the MAWF-Comprehensive Conservation Agriculture Programme to introduce relevant Conservation Agriculture practices to complement irrigation 2.2.3. (I) Train for papies for systems; 2.2.4. Up to a pair for systems; 2.2.4. Up to a low of the source monitoring programme which applies formers' basic research to be carried out with DAPEES settension services afficials and Lead formers' to an form demonstration sites, and at Lead former's dams and relaticed with the traines fin law with MAWF-Comprehension demonstration sites, and at Lead former's dams and relative of the traines fin law with MAWF-Comprehension demonstration sites, and at Lead former's dams and relative of the traines fin law with MAWF-Comprehension demonstration sites, and at Lead former's dams and relative of the traines fin law with MAWF-Comprehension demonstration sites, and at Lead former's dams and relative diverses the systems; Demonstration sites, and at Lead former's dams and relative diverses the systems; Demonstration sites, and at Lead former's dams and relative diverses the systems; Demonstration sites, and at Lead former's dams and relative diverses the systems; Demonstration sites, and at Lead former's dams and relative Demonstration sites, and at Lead former's dams and relative diverses and the systems; Demonstration sites, and at Lead former's dams and relative diverses and the systems; Demonstration sites, and at Lead former's dams and relativerses and the systems; Demonst	• Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries rained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting form micro-drip irrigation beneficiaries	x x x x	x x x x	x x x x x x	x x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials	NS NS NS	1,500,000.00 200,000.00 50,000.00 150,000.00
Dutput 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.(1) Identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAFESS on the established pracedures for sotting-up irrigation systems; (iii) Consider the introduction of some of these techniques: into the Green Scheme, Peri-urban horticulture and Dryland Crap Cultivation Programme eso entry point for mainstreaming (lim) Set up irrigation systems in project zones 2.2.5 Support the MAWF-Comprehensive Conservation Agriculture Practices to complement Irrigation in project zones 2.2.3.(1) Train formers on the proper use and maintenance of irrigation systems in substreaming programme which applies formers' basic research to be carried out with DAFES setarcem services afficials and Lead formers e, a. at on-form dremonstration size, and at Lead former's forms and replacted with other trainages in line with MAWF Comprehensive Aquicultures System	Currently being implemented under output 1.5 above	1) Identification of 10 includuals per constituency to practice back yard bucket irrigation to compliment micro-drip inrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden maintenance of systems 4. Project beneficiaries trained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x	x x x x	x x x x x x x	x x x x x	PMU, CES, MAWF RPCS, MAWF RPCS, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials	NS NS NS	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAFESS on the established procedures for sorting-up irrigation systems; (iii) Consider the introduction of some of these techniques: Into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme can entry point for mainstreaming climate smart agriculture (iv) Set up irrigation systems; 2.2.3. up the MAWF-Comprehensive Conservation Agriculture practices to complement irrigation 2.2.4.3. up (Train formers on the proper use and maintenance of irrigation systems; 2.2.4.5. et up coll level resource monitoring programme which apples formers' basic research to be carried out with DAFESE stension services of lepicated with other trainess in line with MAWF Comprehensive Agriculture System	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2.100% irrigation garden beneficiaries practising CA principles 3.100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level motiving and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x	x x x x x x	x x x x x x x x	x x x x x	PMU, CES, MAWF RPCS, MAWF RPCS, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Dissel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials	N5 N5 N5	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1. (i) Identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWF-DAFESs on the established pracedures for setting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme esa entry point for mainstreaming climate smart agriculture (iii) Conservation Agriculture practices to complement trigation 2.2.3. Support the MAWF-Comprehensive Conservation Agriculture Programe to introduce relevant Conservation Agriculture practices to complement trigation 2.2.3. Ly cup local level resource monitoring programme which engiles formers' basic research to be carried out with DAFESS tactions ervices afficials and Lead formers e.g. at on-form demonstrations sets, and at Lead gromer's forms and replaced with other trainees in line with MAWF Comprehensive Agricultures System	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket rigitation to compliant micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on maintenace of systems 4. Project beneficiaries trained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x x	x x x x x	x x x x x x	x x x x x	PMU, CES, MAWF RPCS, MAWF RPCS, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials	N5 N5 N5	1,500,000.00 200,000.00 50,000.00
Dutput 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.(1) Identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAFESS on the established procedures for setting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme ess an entry point for mainstreaming climate smart agriculture for a programme sing in project zones 2.2.2. Support the MAWF-Comprehensive Conservation Agriculture Programme to Introduce relevant Conservation Agriculture practices to complement irrigation 2.2.3.6. (5) train formers on the proper use and maintenance of irrigation systems; 2.2.4.5. et up to all level resource monitoring programme which applies formers' basic research to be carried out with DAFES technicon services afficiate and Lead formers e.g. at on-form dremnstrations exis, and at Lead former's forms and replicated with other trainees in line with MAWF Comprehensive Agricultures System	Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on local level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems 1) Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x	x x x x x	x x x x x x x x	x x x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Diesel for tractors 21 Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials	NS NS NS	1,500,000.00 200,000.00 50,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWF-DAFESS on the established procedures for sorting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dyland Corp Cultivation Frogramme as an entry point for mainstreaming climate smart agriculture (iv) Set up irrigation systems in project zones 2.2.2: Support the MAWF-Comprehensive Conservation Agriculture Programme to introduce relevant Conservation Agriculture programs to introduce relevant Conservation Agriculture programs; 2.2.3. (i) Train formers on the proper use and maintenance of irrigation systems; 2.2.4. Set up to alcel level resource monitoring programme which applies formers' basic research to be carried out with DAFES settension services officials and Lead Iormer's e.g. on of-arm demonstration sites, and at Lead former's functional comprehensive Agricultures System	• Currently being implemented under output 1.5 above	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2.100% irrigation garden beneficiaries practising CA principles 3.100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on locial level monitoring	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries	x x x x x x	x x x x x x	x x x x x x x x x	x x x x x x	PMU, CES, MAWF RPCs, MAWF RPCs, MAWF PMU, MAWF	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the materials 1) Dissel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials	N5 N5 N5	1,500,000.00 200,000.00 50,000.00 150,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1. (1) Identify the sites where irrigation systems will be and the target groups; (1) Consult MAWF-DAFESS on the established procedures for sotting-up irrigation systems; (11) Consider the introduction of some of these techniques into the Green Scheme, Peri-uban horticulture and Dryland Crop Cultivation Programme ess an entry point for mainstreaming (11) Set up irrigation systems in project zones 2.2.2. Support the MAWF-Comprehensive Conservation Agriculture Practices to complement irrigation 2.2.3. Set up local level resource monitoring programme which applies formers' basic research to be carried out with DAFES detarmer's forms and replicated with other trainees in line with MAWF Comprehensive Agricultures System Output 2.3: Climate-smart fish farming practiced	Currently being implemented under output 1.5 above Continued consultations with MFMR and regional council	1) Identification of 10 individuals per constituency to practice back yard bucket rrigation to compliment micro-drip inrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on local level monitoring 1) Two exposure visits to	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites 1) Create awareness on aquaculture	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries Number of local communities	x x x x x	x x x x x	x x x x x x x x	x x x x x	PMU, CES, MAWF RPCS, MAWF PMU, MAWF RPCS, MRWR	GEF	1) CES contractual obligations 2) Setting up the bucket system and the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials 1) Transport and	N5 N5 N5 N5	1,500,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1.() Identify the sites where irrigation systems will be and the target groups: (ii) Consult MAWF-DAPESS on the established procedures for sorting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme esa nettry point for mainstreaming climate smart agriculture Conservation Agriculture Programme to introduce relevant Conservation Agriculture practices to complement irrigation 2.2.3.9, Or the MAWF-Competensive Decarried out with DAPES estemation services officiational level resource monitoring programme which applies former's basic research to be carried out with DAPES estemation services afficiation and the drainess e.g. ot on-form demonstrations liste, and at Lead farmer's forms and replicated with other trainees in line with MAWF Comprehensive Agriculture Systems Output 2.3: Climate-smart fish farming practiced	Currently being implemented under output 1.5 above Continued consultations with MFMR and regional council offices supporting of existing fish forms	1) Identification of 10 individuals per constituency to practice back yard bucket irrigation to compliment micro-drip irrigation 2.100% irrigation garden beneficiaries practising CA principles 3.100% of irrigation garden beneficiaries trained on maintenance of systems 4. Project beneficiaries trained on local level monitoring 1) Two exposure visits to existing fish farms	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites 1) Create awareness on aquaculture farming among communities	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries Number of local communities exposed to aquaculture farming	x x x x x	x x x x x	x x x x x x	x x x x x	PMU, CES, MAWF RPCS, MAWF PMU, MAWF RPCS, MRWR	GEF MAWF	1) CES contractual obligations 2) Setting up the bucket system and the procurement of the materials 1) Dissel for tractors 2) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials 1) Transport and refreshment for exposure	N5 N5 N5 N5	1,500,000.00 200,000.00 50,000.00 150,000.00
Output 2.2: Climate-smart Irrigation practiced Revised Project Document Activities: 2.2.1. (i) Identify the sites where irrigation systems will be and the target groups; (ii) Consult MAWF-DAFESs on the established pracedures for setting-up irrigation systems; (iii) Consider the introduction of some of these techniques into the Green Scheme, Peri-urban horticulture and Dryland Corp Cultivation Programme esa entry point for mainstreaming climate smart agriculture (iii) Oranis further MAWF-Comprehensive Conservation Agriculture Practices to complement trigation 2.2.3. Lyport the MAWF-Comprehensive Conservation Agriculture practices to complement trigation 2.2.3. Ly climate-smart host proper use and maintenance of irrigation systems in societs to demonstrations sites, and at Lead primer's fourms and replaced with theory esa on form fieldist and Lead formers esa, or on-form demonstrations sites, and at Lead primer's fourms and replaced with their trainees in line with MAWF Comprehensive Agricultures System Output 2.3. Climate-smart fish farming practiced Revised Project Document Activities:	Currently being implemented under output 1.5 above Continued consultations with MFMR and regional council offices supporting of easing fain farms A last of fain obsenfectaries totalined	1) Identification of 10 individuals per constituency to practice back yard bucket rigitation to compliant micro-drip irrigation 2. 100% irrigation garden beneficiaries practising CA principles 3. 100% of irrigation garden beneficiaries trained on maintenace of systems 4. Project beneficiaries trained on local level monitoring 1) Two exposure visits to existing fish farms	Number of farmers practicing bucket irrigation Number of farmers practising CA principles 1. Percentage of farmers trained on the maintenance of the irrigation systems and maintained their systems appropriately Number of farmers carrying out local level monitoring and providing regular reports	1) Setting up the bucket irrigation systems in identified project zones. 2) Training of project beneficiaries to use and maintain systems Introduce relevant CA practices to complement irrigation efforts 1. Train farmers on the maintenance of the drip irrigation systems e.g. use of filters as per Activity 1. Training on local level monitoring 2. On-farm demonstration sites 1) Create awareness on aquaculture farming among communities	Set of bucket irrigation systems Farmers practicing continuous CA principles Training of farmers on the maintenance of drip irrigation systems Self-monitoring and reporting from micro-drip irrigation beneficiaries Number of local communities exposed to aquaculture farming and report	x x x x x	x x x x x	x x x x x x x x x	x x x x x	PMU, CES, MAWF RPCS, MAWF PMU, MAWF RPCS, MRMR	GEF MAWF GEF	1) CES contractual obligations 2) Setting up the bucket system and the materials 1) Diesel for tractors 2) Allowance for tractor drivers 1) Diesel for tractors 1) Allowance for tractor drivers 1. Training, Printing of materials 1. Training, Printing of materials 1) Transport and refreshment for exposure visits	N5 N5 N5 N5	1,500,000.00 200,000.00 50,000.00 150,000.00

ACTIVITY 2 SUB-TOTAL										N\$	3,140,000.00
community aquaculture farms											
(ii) Compile document on "lessons learned" on											
each aquaculture investment;											
the development of a market access strategy for											
2.3.3. Engage the Namibia Fish Consumption Trust in	with earth dams										
start-ups	maintenance and provision of input via MRMR, will be linked										
2.3.2. Provide farmers with much needed inputs for	 Investigation the maintenance of fish ponds and dams 			х	х	х	х	GEF			
members.	farmers to learn the practical skills involved with fish farming.										
communities, followed by training for community	she will be used to demonstrate and receive exchange visiting		materials from MEWIK								
(ii) Create awareness of aquaculture farming among	Onesi Constituency supported to upscale her fish farming and	beneficiaries	members on rish farming based on existing						development and printing		
zones	One female Farmer at Olushandja dam, Ohalumbele village-	2) Training of project	2) Support the training for community						2) Awareness materials		
2.3.2. (i) support existing jish jurning in project	· new visit to the juniers points,	a) Testation of sectors	a) Constant the start for a few second to the		1				21. Automatical and a standards		

Activity 3: Mainstream climate change into national agricultural strategy/sector policy, including adjustments to budgets for replication and up-scaling

Activity 3.1 Description of Indicator: Number of comprehensive adaptation actions - policies, programmes and budgets included in development frameworks to support climate resilient agricultural practices Baseline Level: Within the agriculture sector climate change adaptation is, to varying degrees, hinted at but not explicitly or comprehensively addressed, and nor are effective budgets allocated Target Level at end of project: Sector strategies/ for agriculture are integrating and budgeting adaptation measures such as: -Conservation agriculture -Contingency plans for DRM at regional levels

Output 3.1 Impact assessment carried out Revised Project Document Activities: 3.1.1. A participatory monitoring and evaluation process is set up (linked to Outputs below) 3.1.2. Establish treatment groups and control groups 3.1.3. Project evaluation materials are developed 3.1.4. The pilot questionnaire is tested 3.1.5. Sompling and baseline data collection 3.1.6. Preparation of palciry implications directly	 Consultations held with UNAM MRC to conduct impact assessment based on data from baseline study Held various consultations and workshops with MAWF, FAO and OPM 	 Impact assessment carried out in all project region 	Impact assessment conducted Z. Report produced	1] Conduct an Impact Assessment for assessing the main factors causing vulnerability; 2) Determine indicators that best measure adaptation progress smallholder farming community;	 Update on impact assessment including report on factors causing vulnerability Periodical policy recommendations via regular reporting to contribute towards final policy recommendations 	x x	x x	x x	x x	UNAM, PMU		 Consultancy payment to UNAM 2) Supervision and monitoring of exercise 3) Consultation workshops 	N\$	700,000.00
linked to Outputs 3.4 and 3.5				3) Asses effectiveness of two adaptation measures in vulnerability: assess extent of replicability of the interventions to the smallholder framing communities in Namibia; quantify potential macro-impact of vulnerability reduction e.g. national level food security; and recommend for policies and measures to promote replicability		x	x	x	x					
	<u> </u>		ļ				11							
Output 3.2: Results-based management (RBM) plan for climate-smart agriculture developed and monitored by the main stakeholder groups and led by the Regional Councils	 Agreement established with Regional council offices to have a standing agenda for SCORE project in all meetings. SCORE reported on its activities at these meetings; Held various meetings with Traditional Authorities, Community leaders and Regional Governors to discuss project 	1) Attend 80% RDCC meetings organised by RCs to highlight issues related to RBM in a participatory manner	Result based management plan for climate-smart agriculture developed	Attend regular RDCC meetings to engage with stakeholders.	Plan and Strategies developed relating to RBM	x	x	x	x	PMU, Regional Councils.	MAWF/ME T	Transport and regular feedback and information sharing with stakeholders.	N\$	50,000.00
Revised Project Document Activities: 3.2.1. Develop RBM plans with stakeholders. 3.2.2. (i) Develop reporting and evaluation systems;	implementation progress. • Recruitment process of M&E specialist on a consultancy basis to collect, monitor and evaluate project progress and whether the state of the stat	1) Using developed M&E tools to monitor and report	1) Number of quarterly reviews and reports	1. Monitoring & evaluation of progress and provide feedback	1. Quarterly M&E reports	x	x	x	x	PMU, MAWF		1. Cost related M&E exercises including tracking of progress	N\$	50,000.00
(in) mus are being impensented and progress is being tracket. (iii) Provide a feedback and information sharing platform with stakeholder s	use to eventous cue eventous eventoumental venerits par un nou pending UVV MES specialist; • Project M&E framework set-up; • Training held for project staff and MAWF extension officers		2) Adjustment made /Action taken on reviews		 Quarterly reviews of project progress 	x	x	x	x		UNDP	 Regular feedback and information sharing with stakeholders. 		
							1 1							
Output 3.3: NNFU advocacy messages developed and delivered in policy to promote scaling-up of climate- smart agricultural methods	Initial consultations with NNFU and MAWF-DAPEES	 Advocacy message developed and delivered to farmers 	 NNFU coordinators participating in the SCORE mentorship programme 	1, Identify important messages to be developed through consultation with NNFU & other relevant stakeholders e.g. MAWF- DAPEES	1. Awareness materials developed	x	x			PMU, NNFU, MAWF.		1) Contractual agreement with NNFU	N\$	200,000.00
Revised Project Document Activities: 3.3.1. Undertake a study to better understand				2. Develop communication and awareness materials	 Messages disseminated through Radio and meeting 	x	x					 Developing, printing and translation of targeted 	1	
behavioural change context especially amongst vulnerable groups and to develop a targeted advocacy campaign in consultation with MAWF- DADEC			 Level of knowledge on of climate smart agricultural methods improved 	 Translate the materials into local languages. 	platforms		x				GEF	advocacy messages for farmers		
3.3.2. Facilitate the developing of advocacy messages and campaigns and their implementation			 Number of farmers planting their crops on time. 	 Disseminate messages through Radios, meetings, etc. 				x	x					
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Output 3.4: Regional Councils, line ministries and other partners (Regional platforms - RH's or their equivalents - ted by RCs) include climate-smart agricultural methods, water harvesting, storage and ther relevant climate resilience building practices, approaches, techniques and technologies in their annual plans and budgets Revised Project Document Activities: 3.4.1. Pion the methods of developing and influencing strategy. This would be based on already established procedures and processes such as in MAWF, regional and national development planning processes 3.4.2. Forcilitate consultations/dialogues	Participated in regional Conservation Agriculture Regional Forums; Established SCORE stand-alone agenda for Constituency Development Committee (CDC) meetings; Three Project Stering Committees held; Planning meetings and regular field visits. Inked to regional CA forums	Appropriate climate smart agricultural methods and tools shared with RCs	1. Number of CDC meetings attended	 Identify most appropriate climate smart Agricultural methods and sensitize RCs. 	 Climate-smart agricultural presentations at RC meetings 	x	x	x	x	Regional Council led by RPCs	UNDP	Transport and regular feedback and information sharing with stakeholders.	N\$	50,000.00
Output 3.5: Policy recommendations and a replication plan are developed for continuation of good practice, presented at the project closure workshop and integrated into cross-sectoral and national development planning Revised Project Doportunities for project interventions and integration of lessons learnt and moinstream project interventions into MAWF policies, projects ond programmes 3.5.2 Integrate lessons from the mid-term evaluation of SCORE project into MDP 5 planning 3.5.3.2 consider the lessons drown from the SCORE project for the MAWF programme proposal and for integration into MAWF operations and budget 3.5.4 Moinstream learning into their relevant sector instruments, including microfinance, disoster risk monagement, preparedness and others	Consultations held with MAWF, FAO and OPM OPM consultant to incorporate agriculture into related sectoral policies and sectors Regular reporting linked to M&E framework and monthly reports Uinked to M&E framework Ongoing and with mentorship training programme	Appropriate policy recommendations and replication planar are shared with MAWF and OPM	1. Number of recommendations shared with MAWF	 Throughout reporting, identify the most appropriate policy recommendations and tierns to be included in the reglication plan are developed to be presented at the project closure workshop in 2013 to ensure that they are integrated into cross-sectoral and nation development planning 	1) List of appropriate policy recommendations and replication plans	x	x	x	x		MAWF	Transport and regular feedback and information sharing with stakeholders.	NS	50,000.00
ACTIVITY 3 SUB-TOTAL			1	•	ł		ıl			4		ļ	N\$	1,100,000.00
GRAND TOTAL													N\$	7,102,000.00
														.,,000100

	SL	UMMARY
ACTIVITIES		NAD
ACTIVITY 1 SUB-TOTAL	N\$	2,862,000.00
ACTIVITY 2 SUB-TOTAL	N\$	3,140,000.00
ACTIVITY 3 SUB-TOTAL	N\$	1,100,000.00
GRAND TOTAL	N\$	7,102,000.00
	1	
Exchange Rate USD:NAD		
13.67		



S	36,576.44
S	21,945.87



\$	7,315.29	
Ş	14,630.58	
\$	731.53	
\$	14,630.58	
Ş	7,315.29	
\$	731.53	
\$	209,363.57	

\$	21,214.34	
\$ \$	14,630.58	
s	10,972.93	
\$	18,288.22	
s	109,729.33	
\$	14,630.58	
ş	3,657.64	
\$	10,972.93	
\$	10,972.93	



