





IMPLEMENTING URGENT ADAPTATION PRIORITIES THROUGH STRENGTHENED DECENTRALISED AND NATIONAL DEVELOPMENT PLANS (ADAPT PLAN).

Annual Progress Report 2016

December, 2016

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Project Summary

Project title:	Implementing urgent adaptation priorities through strengthened decentralised and national development plans (ADAPT PLAN).
Award ID and project number:	00081840, 00090986
Project duration:	5 years
Extension(s) (if applicable):	
Executive agency:	UNDP
Implementing partner(s):	Environmental Affairs Department, Zomba District Council, Ntcheu District Council and Nkhatabay District Council
Total budget:	4,500,000 USD
Contribution from donor:	4,500,000 USD
Contribution from other donors:	0
Related UNDAF outcome(s):	Targeted population in selected districts benefit from effective management of environment; natural resources; climate change and disaster risk by 2016 and Outcome 4: National institutions effectively support transparency, accountability, participatory democracy and human rights (UN 2011).
Date of report:	30 th December, 2016

Background (Operating context and emerging issues)

The Government of Malawi, through the Ministry of Natural Resources Energy and Mining with support from Global Environment Facility (GEF)-Least Developed Countries Fund (LDCF) and United Nation Development Programme (UNDP) is implementing a project to support the implementation of urgent adaptation priorities through strengthened decentralised and national development plans also known as ADAPT PLAN. The project was developed after realization that significant political will and commitment is shown to addressing climate change in Malawi however, significant barriers and challenges exist in mainstreaming adaptation into development planning. These barriers include: weak institutional structures, technical capacity challenges and knowledge gaps.

Environmental Affairs Department is the key implementing partner of the ADAPT PLAN project which aims to integrate adaptation into development planning at national and local

levels, beginning with 3 sectors (Agriculture, Water and Forestry) and pilot districts of NkhataBay, Ntcheu and Zomba.

The Project has 3 outcomes as follows:

- 1. Strengthened awareness and ownership of adaptation and climate risk reduction processes at local level
- 2. Diversified and strengthened livelihoods for vulnerable people in target areas
- 3. Mainstreamed adaptation in broader development frameworks at country level and in targeted vulnerable areas

Adapt Plan project started being implemented at a time when Malawi as a country experienced a number of challenges. For instance, in the year 2015, the country experienced devastate floods that affected livelihoods of most vulnerable households. Consequently, there was food insecurity and malnutrition thereby impacting on the lives of the very vulnerable Malawi. As if that was not enough, the 2015/2016 agricultural production season was disrupted because of El Nino, a phenomenon that prevailed as a result of climate change. This occurred from January to March when most of the agricultural crops were at a critical growth stage and this resulted in low production and yields. It is a fact that about 6,500,000 people in Malawi face hunger because of food shortage as a result of the El Nino (MVAC, 2015). The three districts implementing the project are not exception, they were equally affected by the El Nino such that they did not harvest enough.

It is important to emphasise that some of the project targeted areas in all the three districts were selected as they also experience the dual hazards of dry spells and floods while some experience dry spells and weather-induced outbreaks of pests. Livelihoods in all the districts are dependent on natural resources, whose availability varies with climate variability and are under pressure due to high population growth rates, poverty, and illiteracy.

It is therefore important to note that the activities are implemented by the vulnerable households whose livelihoods are at a threat due to food shortage and hunger in the households. Planning an implementation of the activities may be affected in one way or the other because some of the beneficiaries may prioritise to go for piece works in order to cushion themselves from the effects of El Nino. However, the project team is doing all the best so that the project activities are done in an integrated manner so that the communities start benefiting from the same. As such a number of interventions have been implemented in the year 2016 in order to address the above challenges.

Progress Summary

During the year 2016, the project concentrated on foundational works under outcome 1 as well as implementation of project activities under outcome 2 in the three pilot districts. In this regard, Environmental Affairs Department (EAD) hired some consultants to conduct studies on specific topics in order to inform implementation of subsequent activities. Here are some consultancies that have been carried out within the year: conducted stories of change baseline in the three districts as well as at central level which provided a basis for measuring and communicating project impact across all stakeholders and levels of implementation. A Case study and raw footage from the exercise and a video documentary were submitted to EAD by the consultants. EAD also formulated an advertised Terms of References (ToRs) for consultancy services for the establishment of project baseline and Monitoring, Evaluation and

Learning System for the project as well as development of guidelines for integrating climate change adaptation in development planning and these exercises are to being carried out (are yet to be finalized) so that final products are in place. A Training Needs Assessment was also carried out in order to identify capacity gaps in implementing partners particularly in areas of climate change adaptation and gender inclusion/mainstreaming. The training needs identified informed appropriate and related training or capacity development requirements and a training on CCA and Gender Mainstreaming for partners was conducted.

At District level under outcome 1 foundational work has also been done in terms of awareness and sensitization of stakeholders and beneficiaries on climate change adaptation and approach of the project. Establishment of committees to look into project issues has also been done during within the year. Significant progress has also been made under outcome 2 in the three districts with notable milestones including initiation of construction works of solar powered water integrated system in Zomba and Ntcheu Districts which will serve irrigation, water supply and aquaculture purposes. Significant progress has been made on this integrated water system as evidenced by installation of some equipment and construction of boreholes. Procurement and hanging of bee hives has also been done in Zomba and Nkhatabay under the forestry sector. Other interventions include irrigation schemes construction, establishment of tree nurseries, and establishment of a community bakery and tailoring for farmers that are vulnerable to climate change impacts and cannot engage in farming. A number of capacity development initiatives/trainings were conducted in the districts with the purpose of providing capacity to both implementing staff and communities for effective execution of project interventions.

Activities under outcome 3 are dependent on the Consultancy services that have been advertised in the papers and will commence after completion of the services. Under monitoring, the project conducted 4 supervisions and monitoring visits in all the three districts to monitor progress and prioritize on activities to be implemented in the year. Both Financial and Programmes spot check mission were also conducted in all the three districts and this also served as a platform to introduce the newly recruited Project Manager to the coordinating team within the districts

Detailed Output Based Summary Results and Percentage of completion

Central Level Coordination

Strengthening awareness and ownership of adaptation and climate risk reduction at local level			
Output	Activity	Target	Achievement/ Remarks
A capacity development and incentive plan developed	Conduct project baseline survey on Vulnerability levels,	1	Terms of reference were
and action plan for implementation created to support the	Indicators, Community Adaptation/Resilience and		developed and
effective deployment of roles and responsibilities.	gender mainstreaming needs		advertised. A consultant
			was recruited through
			the IPC and work is in
			progress. It is anticipated
			that the final baseline
			report will be ready end
			of January.
Training materials developed and the capacity of 60	Conduct a training needs and capacity assessment for	3	Training Needs
district staff and sub-district project beneficiaries built on	Climate Change Adaptation (CCA) including gender		Assessment for staff on
climate change integration in local development	and CCA needs at district and community level		CCA and Gender
planning, policies and regulation and environmental			Mainstreaming was
impact assessment.			conducted in the districts
			and reports produced
			which informed
			development of a
			capacity development
			training on CCA and
		20	gender mainstreaming
	Climate Change Adaptation capacity development	30	Training Needs
	training with specific inclusion gender and climate		Assessment for staff on
	change adaptation and gender capacity		CCA and Gender

	Development of CCA guidelines for integrating climate change into development planning at district level	1	Mainstreaming was conducted in the districts and reports produced which informed development of a capacity development training on CCA and gender mainstreaming. 45 project staff attended the training. Terms of reference were developed and advertised. A consultant (firm) was recruited through the IPC. The consultant is on the ground carrying out the assignment and it is hoped that the draft manual of the guidelines will be ready by end of January, 2017
Outcome 2: Diversified and Strengthened livelihoods f	or vulnerable people in the target areas		
Community adaptation plans implemented.	Coordinate a learning visit for core project team members to a similar UNDP GEF CCA project in Zambia	1	Conducted successfully. 10 staff members took part and learnt a number of adaptation interventions including an integrated water system. Zomba an Ntcheu have already

Outcome 4: Monitoring, Learning, Adaptive Feedback	k & Evaluation		started implementing integrated water systems for domestic water supply, fisheries and irrigation.
Conduct Project M an E and Learning system	Conduct project baseline survey and develop M & EL system for the project		Terms of reference developed and advertised and a consultant was recruited and is n the ground carrying out the assignment and it is expected that the baseline survey report and the draft MEL system will be ready by end of January
Project Communication and Impact dissemination	Coordinate design of project communication and stories of change framework and annual capturing of project stories of change		Compiled raw footage and case studies submitted to EAD. A video documentary on the project best practices produced
	Conducted a learning and Coordination meeting for implementing partners	1	All project staff from the three districts and central office participated in the learning coordination meeting that took place in Zomba. 45 staff members attended. The following topics were

di	iscussed: sharin
pı	roject progress reports
sł	naring implementatio
m	nethodologies,
pı	resentations o
pa	articipatory monitorin
&	evaluation, resilienc
ar	nd its principles, visit
to	project sites in Zomb
to	appreciate progres
ar	nd drafting of 201
ar	nnual work plans.

Nkhatabay District

Strengthening awareness and ownership of adaptation and climate risk reduction at local level				
Output	Activity	Target	Achievement/ Remarks	
Participatory vulnerability and adaptation	Conduct second community meeting to prioritize	8	8	
assessments carried out with project	adaptation interventions.		Mbwana (2), Kabunduli-Kavuzi	
communities to prioritize community CCA			(3) Kabunduli Mzenga (3	
measures from the perspective of livelihoods	Establish Project Implementation Committees at	150	92 PICs established and oriented	
upliftment.	community level			
Awareness raised on key Climate change	Conduct Training for Councilors and Chiefs on	25	23 participants attended and	
vulnerability indicators, impacts and resilience	Climate Change Adaptation, Gender and		participated in the training sessions	
among stakeholders and the community.	Development.		and gained knowledge and	
			awareness on climate change	
			vulnerability indicators, impacts,	
			and resilience. This represents 92%	
			achievements of the targeted	
			participants	

Outcome 2: Diversified and Strengthened livelihoods for vulnerable people in the target areas				
Technical training delivered to communities in order to implement the CCA plans sustainably.	Train beneficiaries on adaptation intervention of their interest	633	613 trained in all targeted GVHs	
	Train community support groups (CBOs, youth groups) on climate change adaptation and orient them on implementation of Tailoring sub-project	6 groups (30 participants)	4 groups (24 participants) The four groups satisfied the criteria for adopting the Tailoring sub-project	
Community adaptation plans implemented.	Conduct Surveying and design of irrigation schemes and complete construction of irrigation schemes	5	4 schemes surveyed and designed The other site was abandoned due to land ownership issues 4 schemes completed and head works done Distribution canals and boxes are being added	
	Sasasa scheme weir			

Construct and operationalize fish ponds. Stocking of fish ponds with fingerings	15	10 constructed and operationalized 7 ponds stocked with fingerings. The prescribed stocking density was 2,000 per fish pond. The remaining fingerlings will be stocked in the remaining fish ponds
Support beekeeping clubs, Procure and distribute modern bee hives as starter pack and provide	17 groups	13 clubs supported with 150 beehives and some have already
honey processing accessories		been cronised with bees.

	T	
Procure, distribute and plant banana cultivars	30 groups	27 groups supported with new
		banana suckers and 1,500 hectares planted with Bananas in Timbiri,
		Fukamalaza and Malanda.
		The target could not be met because
		of low supply of suckers. There are
		plans to outsource suckers from
Complete construction of Usisya Community	1	Byumbwe Research Station The bakery is being constructed
Bakery for income generation of very vulnerable	1	and is at roofing level
households		and is at rooming level

	Support livestock production groups: Complete Construction of Kraals and stock animals	33	20 Kraals constructed and 6 of them stocked with goats. Stocked has delayed due to delayed completion. However, stocking is in progress.
	Construct Water points (boreholes)	3 boreholes	Construction in progress. There was delay in securing contractors as most of them were engaged with large scale drilling under other programs
	Facilitate planting of citrus fruits	1,250 Ha; 500 seedlings	1,250 hectares of land prepared and Planting is awaiting stable rains. It may be done in first week of January, 2017
Project Monitoring and Evaluation	Conduct M & E in all project sites	92 site monitoring visits	70 monitoring visits made and reports produced. Monitoring and Evaluation begun late due to delay in funding. The exercise will continue until it is completed.

Ntcheu District

Strengthening awareness and ownership of adaptation and climate risk reduction at local level				
Output	Activity	Target	Achievement/Remarks	
A capacity development and incentive plan	Conducting sensitization meetings on enrolment	4 meetings	4 meetings were held at Group	
developed and action plan for implementation	and ownership of the project, planning and		Village Headman Chipusire that	
created to support the effective deployment of	inception meetings conducted		involved the following villages;	
roles and responsibilities			Gunde, Kamuuzeni 1 & 20	

	Conduct a gender awareness meetings and the need to mainstream gender in CCA programing	2 meetings	2 awareness and sensitisation meetings were conducted on gender and gender mainstreaming in development activities.
Training materials developed and the capacity of 60 district staff and sub-district project beneficiaries built on climate change integration in local development planning, policies and regulation and environmental impact assessment.	Conducting trainings in climate change adaptation an ownership of project	20 members	The training was conducted and 20 members participated in the training
Outcome 2: Diversified and Strengthened live	elihoods for vulnerable people in the target area	S	
Screening tools used by the Local Development Fund updated to incorporate adaptation to climate change.	Conduct participatory climate change and environmental screening of all baseline	50 community members 5 committees	An orientation for 50 community members was carried out to ensure that communities are able to isolate climate change issues for proper adaptation 5 committees of 10 members each participated and produced village
	investments Formulate environmental and climate proofing management plans	2 plans	baseline investments 2 plans formulated, one per Group village headman (GVH)
Technical training delivered to communities in order to implement the CCA plans sustainably.	Training communities in fuel energy saving stoves	1 session targeting 31 community members	1 session conducted and 20 people participated (25 women and 7 men). The have increased knowledge in how to make and use kinder and chitetezo mbaula (energy saving stoves)
	Training of fish farmers in principles of fish farming management	28 farmers	A training session was conducted and 28 farmer attended and took

			part in the training (16 men and 12 women)
	Training on catchment management and making of efficiency energy saving stoves	45 people from 4 committees	4 committees of 45 people trained in catchment management, 22 people trained in making efficiency energy saving stoves,
Community adaptation plans implemented.	Site identification and tree nursery establishment and seedlings production	4 tree nurseries and 12,000 seedlings	4 tree nurseries established and 12,000 tree seedlings raised
	Tree planting	12,000 trees	7,200 trees planted (This activity is on-going)
	Establishment of beekeeping management committees	1	1 committee established and comprises of 17 members that includes 7 men and 10 women.
	Procurement and distribution of beehives	72 beehives	72 modern beehives procured and distributed
	Fish pond construction	5 ponds	2 fish ponds constructed (in progress)
	Stocking fish ponds with fingerings	20,000 fingerings	They are yet to be stocked
	Integrated water system construction (borehole, water tanks and solar panels)	1 borehole, 1 water tanks, 1 water reservoir and assorted solar panels)	A borehole constructed, I water tank installed, and a water reservoir under construction

Project Monitoring and Evaluation	Field visits to project sites	24 monitoring visits	24 visits made, and M & E reports produced

4.4. Zomba District

Strengthening awareness and ownership of adaptation and climate risk reduction at local level			
Output	Activities	Target	Acheivement
A capacity development and incentive plan developed and action plan for implementation	Site identification and verification. These two activities were conducted at TA Ngwerero and Mwambo.	2	2 sites have been identified and verified for irrigation farming. They are situated at Group Village Ngwerero, Issa village and GVH Mbalu, mbalame village, in T/A Ngwerero T/A Mwambo respectively. 100%
created to support the effective deployment of roles and responsibilities.	Education visit was done to Phalombe at Kolowiko village. This was meant to learn more on how the integration of activities is being done. Also to lean on how they secure their project items	1 tour	1 staff tour was conducted and staff members leant a number of technical issues regarding climate change adaptation
	Community Sensitizations on Adapt plan project	9 sensitization meetings	Sensitisation meetings were done at ADC level where AEC and VDC members from each GVH was represented. After the ADC sensitisation meeting, the AEC and VDC representatives went on to sensitise the community members is their Jurisdiction
	Attending Adapt plan planning meetings	2 planning meetings	2 meetings attended. These meetings were done to see how implementation of activities should be done and share notes on how best to achieve set objectives
Training materials developed and the capacity of 60 district staff and sub-district	Conduct training on climate change and irrigation for adaptation.	2 trainings	Two trainings were conducted. Objectives of the training was to equip extension workers, councilors and ADC chairs of the impacts of climate change on irrigation and measures of adaptation. The trainings were done in TA

project beneficiaries built on climate			Mwambo and STA Ngwelero's jurisdiction. 20 members were trained at TA Mwambo and 17 members at STA
change integration in			Ngwerero.
local development	Train DCPC members in	35 members	35 DCPC members were equipped with knowledge and
planning, policies and	Early warning system		skills for disaster response and management
regulation and	simulation		
environmental impact	Train District Staff in	20 staff	20 Officers was trained in community scorecard; the tool,
assessment.	Community Based M&E	members	its process, its importance and how it can be used
Participatory	District Training in	20 members	20 DCPC members were equipped with knowledge and
vulnerability and	Participatory vulnerability		skills for training AEC members in PCVA
adaptation	assessment		
assessments carried	Conduct AEC training in	30 staff	15 AEC members from each TA were trained on how to
out with project	PCVA	members	conduct PCVA. They were equipped with knowledge on
communities to			how to do the Vulnerability assessment at community
priorities community			level
CCA measures from	Conduct vulnerability	20 villages	This exercise was conducted and a report is still being
the perspective of	assessment in the targeted		prepared
livelihoods upliftment.	areas.		
CCA priorities	Production of community land	10 land use plans	3 land use plans are being developed in Mpokwa EPA, 2in
integrated into the	use plans	1	Ngwelero EPA and 2 in Likangala EPA. The process of
District Development	1		developing these plans is rigorous and given the time that
Plans, district policies			the funds were provided for this activity (4th quarter
and legislation (by-			funding), 10 land use plans (as planned) will not be
laws etc.) revised, and			achievable.
budgets and Local			
Council			
CCA	Training of AEC and	30 AEC and 20	30 AEC and 21 Traditional leaders trained. Community
vulnerability/CCA	Traditional Leaders in	traditional	leaders and extension workers from different sectors in
resilience indicators	formulation of bylaws.	leaders	STA Ngwelero and TA Mwambo were trained in
and data collection	(training of natural resource		formulation of bylaws and by laws were developed in
protocols agreed and	management bylaws		

added to district level			both Traditional Authorities (Mwambo and Ngwelero	
databanks for planning			refer bylaws documents.	
1	Engaging the communities in	6 maatings	, and the second	
purposes	Engaging the communities in	6 meetings	6 community meetings and 127 community members took	
	the bylaws formulation		part in these meetings. They were sensitised on the	
	addressing the CCA activities.		importance of by-law formulation in that the by-laws shall	
			assist the current and the future generation to sustainably	
			use and protect natural resources for the wellbeing of	
			communities. They were also enlightened of their	
			mandate to sustainably protect or manage the natural	
			resources within their area of jurisdiction that includes	
			river banks, bare hills and other fragile areas.	
	Formulation of the forestry	2 Traditional	The by-laws were formulated one for each TA. They have	
	bylaws	Authorities	been validated and they are being edited before	
			publication	
Outcome 2: Diversified and Strengthened livelihoods for vulnerable people in the target areas				
	S	•		
Screening tools used	Conduct baseline survey	1	Baseline survey was conducted in TA Mwambo and STA	
by the Local	•		Ngwelero. 16 GVHs were sampled for the baseline	
Development Fund			information (10 and 6 GVHs respectively). 30	
updated to incorporate			respondents were sampled in each GVH. The baseline	
adaptation to climate			survey report was produced	
change.			sassay sapasa waa pasaasaa	
Technical training	Train FLS on soil and water	20 FLS	27 FLs - 24 AEDOs and 3 AEDCs from Mpokwa,	
delivered to	conservation	20120	Likangala and Ngwelero EPAs were trained on land	
communities in order	Conservation		degradation issues (causes, effects, how to overcome),	
to implement the CCA			soil and water conservation practices, rain water	
plans sustainably			harvesting and soil fertility improvement	
plans sustamatily	Train FLS in land use	20 FLS	29 FLS - 26 AEDOs and 3 AEDCs from Mpokwa,	
		201'L3	Likangala and Ngwelero EPAs were trained on nature and	
	planning			
			scope of land use plans, the planning process, preparation	
			of the land use plan and monitoring & Evaluation of the	
			Plan	

	I soming towns to interest 1	2	3 tours conducted - This was done in order for DESC
	Learning tours to integrated water supply projects in	3	members to appreciate how integrated systems from other
	Phalombe, Mulanje and		districts looks like and how they are working
	Zomba Districts		
	Train water user groups in	4 groups	4 groups- 2 water user groups for Boreholes drilled and
	management, sustenance and		fitted with AFRIDEV hand pump for domestic water
	maintenance of the water points		supply and the others for 2 hybrid boreholes drilled for integrated irrigation system
	Train farmers in Basics of	3 trainings	3 trainings done- 1 in Ngwelero, 2 in Mwambo
	Aquaculture and climate	3 trainings	5 trainings done- 1 in regwelero, 2 in retwantoo
	smart aquaculture		
	Train BVCs in Ecosystem	4	4 BVCs in TA Mwambo
	based management and		
	Climate change adaptation		
	Conduct community trainings	2 trainings	Two trainings were conducted and 37 people attended.
	on Climate change in relation to irrigation		Objectives of the training was to equip extension workers, councilors and ADC chairs of the impacts of climate
	to irrigation		change on irrigation and measures of adaptation. The
			trainings were done in TA Mwambo and STA Ngwelero's
			jurisdiction.
Community	Project Site identification and	8 sites	8 sites identified and meetings done. These were done
adaptation plans	community sensitization		together with the community in order to enhance
implemented.	meetings for water supply and		community ownership of the project
	integrated irrigation scheme subprojects		
	Geophysical siting of well	8	This was done in order to identify a suitable site for
	fields		borehole drilling for water supply and for the integrated
			irrigation system
	Conduct topographic survey	2 surveys	2 surveys done. The survey was conducted and the report
	to visualise how the irrigation		was produced
	component will be		
	implemented on the ground		

Production of irrigation	2	2 designs were produced already
scheme designs	_	2 designs were produced arready
Drilling of boreholes	4	2 community Boreholes drilled and fitted with AFRIDEV hand pump for domestic water supply (in Kawanjira
		village, TA Ngwelero and Walula village, TA Mwambo) and the other 2 hybrid boreholes to support integrated irrigation scheme
Procurement of contractor for	1	This was done and now the contractor who will install the
Supply and installation of		integrated system is already on the ground doing the work
solar pumps and water supply		
pipes and fittings		
Construction of integrated	2	2 (On-going). One in TA Mwambo and the other in STA
irrigation and water supply		Ngwelero. Construction is under weigh
scheme		
Facilitate site selection and	4	5 achieved. 1 in Ngwelero, 4 in Mwambo communities
pond construction		willing to have more ponds in Mwambo
Facilitate distribution and	5	5 ponds to be stocked. Now in the process of procuring
stocking of fingerlings		the fingerlings
Supervision of works:	8 supervisory	For now, the contractor has started drilling of new
Installation of solar pumps	visits	borehole that will support the integrated irrigation system.
and accessories and		It was discovered that the hybrid borehole that was drilled
construction of feeder lines for		for this purpose had used a small casing that may not be
water supply		suitable for the pump to be installed. So the boreholes that
		were drilled before will be fitted with hand pumps and
		used for water supply for drinking while the new ones will

Rehabilitation of existing boreholes and re-designing of drainage channels into canals for irrigating homestead gardens.	5 boreholes	be fitted with a pump for irrigation water supply. Much of the other works will start in weeks to come 5 boreholes are being rehabilitated and redesigned as at now
Conduct Community Based Management training for water user committees.	9 committees	9 committees trained. These have been done. Committees from the boreholes that were drilled and the ones being rehabilitated were trained on how to manage, protect, maintain and sustainably use their water source
Facilitate nursery management	2 tree nurseries	4 nurseries - Some nurseries were established in areas where the integrated irrigation scheme is being constructed while others are away. Close to 90,000 seedlings have been raised in total. 2 nurseries in each TA and all the nurseries have committees that are in charge of them.
Facilitate tree planting	50,000 trees	83,267 trees raised. These seedlings have been planted in many community forests, homestead and in fields. The seedlings that were selected were conducive for water retention, soil fertility improvement and community use (fuel wood, poles, shade, etc.)
Procure and distribute fruit tree seedlings	10,000 fruit trees	9,200 trees achieved. Both grafted and non-grafted fruit trees were procured and distributed in the community in order for them to raise community orchards that may supply fruits for their consumption and sale. Fruit trees like pawpaw, mangoes, guava and oranges were procured and distributed. The number was less because the anticipated price increased

Project issues & Lessons learned

Summary

It is imperative to note that the project has just started and has only been implemented for a year as such most of the activities that have been conducted are foundational activities to provide an enabling environment for effective implementation. According to the design of the project it is required that outcome one be implemented before outcome 2 and proceeding to the third outcome in a manner of a sequence. Consequently, activities that have been implemented are mostly under outcome 1 and 2. We envisage that a lot of project activities will be implemented during the next year as the project will have established an enabling environment for effective implementation as well as procured most of project materials.

Implementation Challenges:

Implementation challenges that the project faced within the quarter included but not limited to the following:

- 1. Lengthy procurement procedures for huge procurements
- 2. Late disbursement of funds from UNDP into EADs operating account
- 3. Resignation of program manager amidst implementation of the project
- 4. Low viability of some tree seedlings resulting into low germination percentage.
- 5. Land issues; some land for community use in irrigation, and aquaculture is owned by individuals and this brings a risk of land ownership in future.
- 6. The District Environmental Officers who are Desk Officers for this project at District Council have their core functions as such, they also prioritise other equally important projects. As such, implementation of activities for ADAPT PLAN project is compromised and this is resulting in delayed implementing of some activities and reporting, and even to some extent not attending to some meetings or trainings of the project.

Lessons Learned:

- There is need to ensure adequate engagement of the community in planning and implementation process if the community is to own the interventions.
- Result based management is key for effective implementation
- There is need to ensure proper coordination between implementing sectors and partners in order to share best practices and lessons.
- Understanding of the project's design principles, goals and objectives is crucial for its success and sustainability of the project interventions.
- Good coordination among implementing sectors is vital for ensuring that the project maintains its focus and there are no avoidable delays in implementation.

- Integrating business models in the interventions can help to sustain the interventions and hence build strong resilience in the communities.
- These inter-district coordination meetings should be maintained as they provide an opportunity for sharing skills and lessons for effective project management.

Project Risks & Next steps

• Formulation of 2017 Annual Work plan to have them approved and signed by the National Steering Committee on Climate Change by December so as to ensure funds are disbursed at the right time in the next year.