

2017 Annual Work Plan (AWP)
Strengthening Climate Information and Early Warning Systems in Malawi for Climate Resilient Development and Adaptation to Climate Change

Country: MALAWI

UNDAF and CPD Outcome 1.3: Targeted population in selected districts benefit from effective management of environment, natural resources; climate change and disaster risk by 2017.

Expected CPD Output: National policies, local and national institutions effectively support equitable and sustainable economic growth and food security by 2017.

UNDAF Output(s):

- 1.3.1 Environment, natural resources, climate change, and disaster risk management mainstreamed in policies, development plans and programmes at national level and implemented in 14 disaster-prone districts
- 1.3.2 Data and knowledge on the impact of climate change, environmental and natural resources degradation and natural disaster collected and made accessible to decision makers in Government, Private Sector and Civil Society
- 1.3.3 Targeted population in selected districts benefit from effective management of environment, natural resources, climate change and disaster risk by 2017
- 1.3.4 Innovative renewable and energy saving technologies piloted in targeted locations in rural and peri-urban areas enabling the development of a national programme

Project Specific Outcomes:

- 1. Enhanced capacity of the Department of Climate Change and Meteorological Services (DCCMS) and Department of Water Resources (DWR) to monitor and forecast extreme weather, hydrology and climate change.
- 2. Efficient and effective use of hydro-meteorological and environmental information for making early warnings and long-term development plans.

Implementing partner: Department of Disaster Management Affairs (DdDMA).

Other Partners: Ministry of Natural Resources, Energy and Mining (Department of Climate Change and Meteorological Services), Ministry of Agriculture, Irrigation and Water development (Department of Water Resources), Ministry of local Government and Rural Development (MoLGRD)

Narrative

Malawi's ability to plan for, respond to, and minimize the impacts of climate change and prevent, respond to and mitigate natural disasters, is currently hindered by a limited capacity in the national weather, hydrological and climate observation and monitoring networks. Malawi's capacity to adapt to climate-related hazards should therefore be developed to limit the negative impacts of climate change and address the country's socio-economic and developmental challenges effectively.

This LDCF financed project, implemented by the Department of Disaster Management Affairs under the Office of the Vice President – in collaboration with key Responsible Parties, namely the Department of Climate Change and Meteorological Services and the Department of Water Resources aims to: i) establish a functional network of meteorological and hydrological monitoring stations and associated infrastructure to better understand climatic changes; ii) develop and disseminate tailored weather and climate information (including early warnings for drought, floods and Mwera winds) to meet the needs of end-users in particular local farmers and fishermen in at least 7 disaster prone priority districts, namely Phalombe, Dedza, Kasungu, Lilongwe, Salima, Nkhhotakota, Karonga and Nkhata-Bay; iii) integrate weather and climate information and early warning systems into national sector specific policies and district development plans in at least 7 priority disaster-prone districts; and iv) establish cooperation agreements with national hydro-meteorological counterparts in Mozambique to improve warnings for tropical cyclones, flooding, Mwera winds and drought. The project is expected to be completed by December 2017; and is embedded in the overarching UNDP support to Disaster Risk Management (DRM) and UNDAF. It specifically responds to the priorities in the Malawi Growth Development Strategy-II on disaster risk reduction, climate change management and food security.

This 2017 Annual Work Plan, being the final year of implementation, will focus on honouring existing commitments and finalizing outstanding key activities. New activities, which are critical to dissemination of early warning information and issuing of alert warnings specifically, will also be implemented with recommendations from the mid-term review and feedback from stakeholders working on early warning systems field at district and national level. In view of this, 2017 will aim at achieving the following results among others; finalizing the construction of data collection platforms and installation of automatic hydrological stations, development of coordination protocols and agreements between the implementation partners to enhance early warning information generation and dissemination, training meteorologists and hydrologists in the operation and maintenance of weather stations and development of the climate and early warning system platform and database. 2017 will also focus on evaluation of market potential and commercial strategy for weather and climate information.



Programme Period: 2014-2017

Programme Component: Environment and Climate Change

Award ID: 00077203

Project ID: 00088137

Duration: January –December 2017

Estimated annualized budget: US

Allocated resources: _\$451,187.74

- Government 0
- GEF US \$ 451,187.74
- Other:
 - Donor US \$ 0

Unfunded budget: US \$ 0

SECRETARY AND COMMISSIONER
FOR DISASTER
MANAGEMENT AFFAIRS

14 MAR 2017

PRIVATE BAG 336
CAPITAL CITY LILONGWE 3

Agreed by (Implementing Partner): CLEMENT W.S. CHINDWA KAIRI *[Signature]*

Date: 14-03-2017

Office of the Vice President: Department of Disaster Management Affairs (DoDMA)

Approved by UNDP: K. Haniemia R Rai

Date: 21/02/2017

United Nations Development Programme (UNDP)



<ul style="list-style-type: none"> • COSMO saver bandwidth increased • 70% of rainfall station equipped <p>Indicators</p> <ul style="list-style-type: none"> • No of SSBs installed connected • No of stations connected to WAN • 2Mbps for COSMO saver • No. of rainfall station equipped • DWR website in place • Online data sharing • 21 hydrological rating curve reviewed 	1.2.4	Develop, host, and launch the DWR website for data dissemination and information sharing	X	X		DWR	GEF	71300 Lcl. Caslt 72300 Mat&Gds 75700 TR, WKSP 71600 Travel	8,000 1,500 3,000 4,000 16,500
	1.2.5	Carryout rating review and station calibration of 21 hydrological stations	X	X	X	DWR	GEF	71600 Travel 75700TR, WKSPCF 72300 Mat&Gds	5,000 5,000 5,000 15,000
Sub Total									62,000
<p>Output 1.3 Weather and climate forecasting facilities upgraded, including building on current and planned upgrades to DCCMS and DWR's data and information management systems under the SRBMP and IFRMS and operationalizing collaboration arrangements and procedures for drought and severe weather monitoring and forecasting between DWR and DCCMS.</p> <p>2017 Target 80% data digitized</p> <p>Indicators Number of stations with clean digitized parameters data</p>	1.3.1	Undertake a data rescue and digitization process from manual volunteer stations and DCCMS archives	X			DCCMS	GEF	71600 Travel 75700TR, WKSPCF 72300 Mat&Gds.	7,000 10,000 2,000 19,000
Sub Total									19,000

EXPECTED-OUTPUTS and indicators including annual targets		undertaken during the year towards stated CP outputs						Amount	
Output 1.4		Q1	Q2	Q3	Q4	Source of Funds	Budget Description	Amount	
<p>Output 1.4 Capacity developed for operating and maintaining observation networks and related infrastructure including training 7 meteorological and 6 hydrological technicians, 2 communications operators and system administrators, 25 weather observers and 25 gauge readers, raising local community awareness and developing an O&M toolbox including refresher courses.</p> <p>2017 Targets</p> <ul style="list-style-type: none"> 70 met forecasters trained 100 Rainfall recorders trained 90% of ACPC/VCPD trained 70 Observers trained in CLIMSOFT Observational handbook made available in all stations 1 Hydrological Refresher course 6 Hydrological technicians trained 25 Gauge Readers Trained 10 Field Laptops procured <p>Indicators</p> <ul style="list-style-type: none"> No of officers trained No of ACPC/VCPD Trained No. of station with observation handbook No of Field Laptops in place 	1.4.2		X	X		DoDMA	75700TR, 72300 Mat&Gds 72400 Com&AV 71600 Travel	3,000 9,000 2,000 5,000 19,000	
		1.4.3		X	X		DCCMS	75700TR,WKSP, 72300 Mat&Gds 72400 Com Av 71600 Travel	15,000 2,500 300 1,500 19,300
		1.4.4	X				DWR	72300 Mat&Gds	7,000 7,000
		1.4.5		X			DWR	71300 Lel. Cnsilt 72300 Mat&Gds 75700 Tr, Wksp 71600 Travel	12,000 1,000 5,000 2,500 20,500
		1.4.6		X		X	DWR	71600 Travel 75700 TR,WKSPCF 72300 Mat&Gds	5,000 10,000 1,000 16,000
		Sub-total							81,800

EXPECTED OUTPUTS and indicators including annual targets	PLANNED ACTIVITIES List all activities including M&E to be undertaken during the year towards stated CP outputs	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Source of Funds	Budget Description	Amount
Output 1.5 Tailored drought, flood and severe weather forecasts and alerts produced – with a focus on agricultural stress and Mwera winds over Lake Malawi – by training 8 meteorological and 3 hydrological forecasters to build in-house capacity.	1.5.1	Develop work guides and SOPs for service delivery at national meteorological centre and main meteorological offices of Chileka and KIA and Karonga and finalize training tool kit	X	X			GEF	71300 Lcl. Cnsft 72300 Mat&Gds 75700 TR,WKSP 71600 Travel	12,000 1,000 5,000 2,500 20,500
	1.5.2	Undergo SEBA Instrument training and Troubleshooting course in Germany		X			GEF	71600 Travel 75700 TR,WKSP	5,000 5,000 10,000
	1.5.3	Produce and publish lake Malawi levels status and major catchments of the 7 project district	X	X	X		GEF	72300 Mat&Gds 71600 Travel 72400 Com&AV	1,000 4,000 3,000 8,000
Subtotal									48,500
EXPECTED OUTPUTS and indicators including annual targets	PLANNED ACTIVITIES List all activities including M&E to be undertaken during the year towards stated CP outputs	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Source of Funds	Budget Description	Amount
Output 2.1 Weather and climatic information and alerts – including drought, flood and severe weather warnings, integrated cost-benefit analyses and hazard and vulnerability maps – made accessible to decision makers in DoDMA/OPC, MoAFS,	2.1.1	Develop Mobile App/SMS/Mobile Alert Message systems for dissemination of weather alerts using Web Based or Mobile technologies including building on the Esoko	X	X			GEF	72300 Mat&Gds 71600 Travel 72100Contr.Cpy	1,000 3,000 6,000 10,000

<p>Mol.GRD, private sector, civil society, development partners and communities.</p> <p>2017 target</p> <ul style="list-style-type: none"> Zanyengo App Developed EWS platform and database developed 10 Officers trained in GIS and Mapping <p>Indicators</p> <ul style="list-style-type: none"> % of populace reached with climate information No of Officers trained in GIS and Mapping No. of EWS platform established Hydrological year book published 	2.1.2	Produce and print information, communication and education materials on weather related disasters, their impacts and expected response from communities, and Commemorate the WMO Day and World Water Day	X	X	DCCMS / DWR	GEF	72100 Contr.Cpy 72300 Mat&Gds 71600 Travel 72400 Com&AV	9,000 2,000 2,000 1,000 14,000	
	2.1.3	Train personnel from the Department of Surveys DoDMA, DCCMS and DWR in GIS and production of hazard and vulnerability maps	X		DCCMS/DoDMA/ DWR	GEF	71600 Travel 75700 TR, WKSP 72300 Mat&Gds 72400 Com&AV 71200 Intl Cnslt	1,500 7,000 2,000 500 10,000 21,000	
	2.1.4	Develop and operationalize a climate and early warning system platform maintained jointly by DoDMA, DCCMS and DWR including an alert dissemination system.	X	X		DoDMA/DCCMS	GEF	71200 Intl Cnslt 71600 Travel 72300 Mat&Gds 72400 Com&AV	15,000 3,000 2,000 500 20,500
	2.1.5	Develop and publish a hydrological year book for 2017	X	X	X	DWR	GEF	71600 Travel 75700 TR, WKSP 72300 Mat&Gds 72400 Com&AV	5,000 7,000 5,000 700 17,700
	Sub-total								88,700
<p>Output 2.2 Weather and climate information mainstreamed into the operationalization of relevant national sector policies, annual budgets and local development plans including the National Disaster Risk Management Policy and District Development Plans in priority drought and flood prone districts – excluding districts covered by SRBMP and IFRM</p> <p>2017 Target</p> <ul style="list-style-type: none"> 5 district engaged in integration of weather Climate Risk in their development plans 2 Workshops with CSO/NGOs conducted <p>Indicators</p> <ul style="list-style-type: none"> No of plans with Weather/DRM integrated No of CSO/NGOs working on EWS 	2.2.2	Conduct stakeholder workshop with civil society organizations (CSO) and non-governmental organizations (NGOs) to promote co-production and communication of weather and climate early warning information		X	DoDMA	GEF	75700TR, WKSP,C F 72300 Mat&Gds 72400 Com&AV 71600 Travel	5,000 2,000 500 3,000 10,500	
	Sub-total								10,500

Output 2.3 Governmental and non-governmental communication channels and procedures for issuing forecasts and warnings are reviewed and strengthened – including standardising SOPs, alert dissemination systems using a range of successful dissemination approaches and developing a national weather and climate information and early warning system communication and coordination strategy – at a national and local level in 7 priority districts.	2.3.1	Develop and implement coordination protocols and agreements among DCCMS, DWR, DoDMA and other related institutions	X	X	DoDMA	72300 Mat&Gds 72400 Com&AV 71600 Travel 71300 Local consultant	1,000 500 2,000 17,000 20,500	
	2.3.2	Support the dissemination of weather and climate information and warnings in disaster prone districts.	X	X	DoDMA	74200 Audio Visl 72300 Mat&Gds 71600 Travel	5,000 3,000 10,000 18,000	
	2.3.3	Linking DCCMS and Nyanthepa, Mzati, Nkhotakota, Chanco, Mudziwathu, Bembeke and Tuntufye and Dinosaurs Community radios in in Nsanje, Mularije, Nkhotakota, Zomba, Mchinji, Dedza and Karonga with respectively	X	X	DCCMS	72100 Contr. Cpy 72300 Mat&Gds 72400 Com&AV 71600 Travel	10,000 1,000 500 2,000 13,500	
	2.3.4	Production of 2017-2018 rainfall seasonal forecast and its dissemination across the country	X	X	DoDMA/DCCMS/ DWR	72300 Mat&Gds 71600 Travel 75700 TR, WKSP, C F	5,000 8,000 5,000 18,000	
Sub-total								70,000
Output 2.4 Improved enabling environment for development of sustainable revenue streams for DCCMS through the provision of climate services and products.	2.4.1	Evaluate market potential for weather and climate products in Malawi (weather insurance, warnings for hydroelectric producers, agricultural warnings, flood warnings) and develop a commercial strategy	X	X	DCCM	72100 Contr. Cpy 72300 Mat&Gds 72400 Com&AV 71600 Travel	10,000 1,000 500 2,000	
	Sub-total							
2017 Target Commercial Strategy Developed Indicators No of Private Sectors willing to buy weather and climate products	3.1	Project Audit	X		UNDP	74100 Prof.Sev	6,000.00	
	Sub-total							

<ul style="list-style-type: none"> • manual (15%) and automatic (0%) weather stations • <u>52%</u> national coverage of operational surface manual (85%) and automatic (19%) hydrological stations • Number and Type (operational stations) <ul style="list-style-type: none"> ○ Automatic weather stations: <u>6</u> ○ Manual synoptic stations: <u>4</u> ○ Manual river discharge and water level stations: <u>158</u> ○ Rainfall logging stations actively transmitted through GPRS network: <u>0</u> 	<p><i>Activity 1.1.2.</i> Install 12 data loggers</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Material costs • Travel costs for installation • Communication costs 	<p><i>Activity 1.1.3</i> Construct 5 Data Collection Platform Houses</p> <ul style="list-style-type: none"> • Material costs • Travel costs for installation • Communication costs • Advertising costs 	
<p><i>Activity 1.2.1.</i> Install 20 Single Side Band Radios for enhanced communication at all weather stations</p> <ul style="list-style-type: none"> • Material costs • Travel costs for installation • Communication costs 			
<p><i>Activity 1.2.2</i> Maintain all 21 Conventional and 15 Automatic weather Stations including replacement of various sensors</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Travel costs for maintenance • Procurement of equipment 			
<p><i>Activity 1.2.3</i> Extend the DCCMS Wide Area Network to all 21 Principal Stations.</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Material costs • Travel costs for installation • Communication costs • Contract a service provider 			

Target:

- DCCMS- 77% national coverage of operational manual (71%) and automatic (84%) weather stations.
 - DWR- 69% national coverage of operation surface manual (100%) and automatic (39%) hydrological stations.
 - Number and Type (operational stations)
 - Automatic weather stations: 45
 - Manual synoptic stations: 22
 - Surface manual hydrological stations: 158
 - Manual river discharge and water level stations: 208
 - Rainfall logging stations actively transmitted through GPRS network: 53
- PSD Indicator: 2.** Frequency and timeliness of climate-related data availability.

<p>Activity 1.3.1 <i>Undertake a data rescue and digitisation process from manual volunteer stations and DCCMS archives</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Travel costs for maintenance • Hotel charges • Stationery procurement 		
<p>Activity 1.4.1. <i>Conduct refresher course for all 70 meteorological observers and 100 rainfall readers on new methods of weather observations and recording</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Identification of venue • Travel charges for the officers • Hotel Charges 		
<p>Activity 1.4.2 <i>Conduct enhanced training of all ACPC/DCPC / VCPC and District media staff and community radio stations</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Identification of ACPC/VCP/DCPC • Engaging with District Staff • Travel charges for the officers • Venue Charges 		
<p>Activity 1.4.2 <i>Training on CLIMSOFT Database Management Systems and Computer Applications</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Identification of venue • Travel charges for the officers • Hotel Charges 		

Baseline:

- DCCMS: i) 4 times daily between 5am-5pm for manual synoptic stations; ii) once a day for AWSs; iii) once a month for rainfall logging gauges.
- DWR: daily to monthly basis

Target:

- DCCMS: hourly for synoptic stations and daily for AWS and rainfall logging gauges.
- DWR: 6 hourly and 2-4 hourly for flood prone areas.

AWP Indicator 1:

Baseline:

2015 Target:

AWP Indicator 2:

Baseline:

2015 Target:

<p>Activity 1.5.1 <i>Undergo short-term hydrometeorological internships for weather forecasters</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Identification of training institution • Travel charges for the officers • 		
<p>Activity 1.5.2 <i>Develop work guides and SOPs for service delivery</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Identification of venue • Travel charges for the officers • Hotel Charges 		
<p>Activity 2.1.1 <i>Develop Mobile App/SMS/Mobile Alert Message systems for dissemination of weather alerts using Web Based or Mobile technologies including building on the Esoko and other relevant systems as well as linking with community radios.</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Engage a local consultant • Travel costs • Materials 		

	<p>Activity 2.1.2 <i>Produce and print information, communication and education materials on weather related disasters, their impacts and expected response from communities, and Commemorate the WMO Day</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Engage a local consultant to design the materials • Engage a printing company • Travel costs for distributions • Materials for WMO day 		
	<p>Activity 2.1.3 <i>Train personnel from the Department of Surveys DoDMA, DCCMS and DWR in GIS and production of hazard and vulnerability maps</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Engage a GIS consultant • Travel costs • Material • Hotel Charges 		
	<p>Activity 2.1.4 <i>Develop and operationalize a climate and early warning system platform and database (including procuring and installing the relevant hardware and software, and building the capacity of individuals to operate and maintain the online platform) maintained jointly by DoDMA, DCCMS and DWR including an alert dissemination system.</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Engage a local consultant • Travel costs • Materials 		

<p>Activity 2.2.1 Initiate the process of integration of weather and climate information into District Development Plans</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Engage with Ministry of Local Government • Identification of Venue • Travel costs • Materials 		
<p>Activity 2.2.2 Conduct stakeholder workshop with civil society organizations (CSO) and non-governmental organizations (NGOs)</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Engage with civil society organizations (CSO) and non-governmental organizations (NGOs) • Identification of Venue • Travel costs • Materials 		
<p>Activity 2.3.1 Develop and implement coordination protocols and agreements among DCCMS, DWR, DoDMA and other related institutions as well as EW alert dissemination System</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Local consultant • Workshop costs • Travel costs 		
<p>Activity 2.3.2 Support the dissemination of weather and climate information and warnings in disaster prone districts.</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Travel costs • Materials costs 		
<p>Activity 2.3.3 Linking DCCMS with Community radios in in Nsanje, Mulanje, Nkhokota, Zomba, Mchinji, Dedza and Karonga</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Local consultant 		

<ul style="list-style-type: none"> • Travel costs • Materials costs 		
<p>Activity 2.3.4 <i>Production of 2017-2018 rainfall seasonal forecast and its dissemination across the country</i></p> <p>Specific activities</p> <ul style="list-style-type: none"> • Workshop costs • Travel costs • Materials costs 		
<p>Activity 2.4.1 Evaluate market potential for weather and climate products in Malawi and develop a commercial strategy</p> <p>Specific activities</p> <ul style="list-style-type: none"> • Local consultant • Travel costs • Materials costs • Workshop costs • 		



15/2/2017



UN Development Programme Malawi - Lilongwe

Project: 00077203
Project Title: Early Warning Systems
Start Year: 2013
End Year: 2017
Implementing Partner: UNDP

Responsible Parties: MLW-National Execution
Revision Type: General Revision 7

Project Description:

This revision has been prepared to allocate the 2017 budget based on the signed Annual Work Plan.

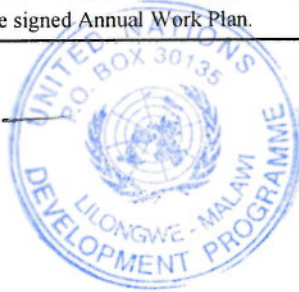
Agreed by: Claire Medina, DRR *CM*

Agreed by:

Agreed by: Andrew Spezowka, RSG PM

Agreed by: *[Signature]*

Budget (US\$) as of Last Revision on 15-February-2017		
Donor	Fund	Amount
GEFTrustee	62160 GEF LDC/NAPA Programme Actv	451,539.74
Total Budget (2017 and Beyond)		451,539.74
Total Utilization (2016 and Prior)		3,216,973.11
Project Total		0.00
Unprogrammed/Unfunded		-3,668,512.85







Annual Work Plan

Malawi - Lilongwe

Project: 00077203
 Project Title: Early Warning Systems
 Year: 2017

Report Date: 15/2/2017

Output	Key Activities	Timeframe		Responsible Party	Planned Budget				
		Start	End		Fund	Donor	Budget Descr	Amount US\$	
00088137 Early Warning Systems	Information Management Sy	1/1/2013	31/12/2017	MLW-National Execution	62160	GEF Trustee	74200	Audio Visual&Print Prod Costs	5,000.00
					62160	GEF Trustee	72300	Materials & Goods	3,000.00
					62160	GEF Trustee	72100	Contractual Services-Companie	1,000.00
					62160	GEF Trustee	72400	Communic & Audio Visual Equip	1,000.00
					62160	GEF Trustee	73400	Rental & Maint of Other Equip	1,000.00
					62160	GEF Trustee	72500	Supplies	1,000.00
					62160	GEF Trustee	74100	Professional Services	6,000.00
					62160	GEF Trustee	75700	Training, Workshops and Confer	5,000.00
					62160	GEF Trustee	71600	Travel	1,187.74
					62160	GEF Trustee	72100	Contractual Services-Companie	18,000.00
					62160	GEF Trustee	72200	Equipment and Furniture	17,000.00
					62160	GEF Trustee	71600	Travel	60,500.00
					62160	GEF Trustee	72400	Communic & Audio Visual Equip	6,800.00
					62160	GEF Trustee	71300	Local Consultants	32,352.00
					62160	GEF Trustee	72300	Materials & Goods	53,000.00
62160	GEF Trustee	72500	Supplies	1,500.00					
62160	GEF Trustee	75700	Training, Workshops and Confer	61,000.00					
62160	GEF Trustee	70000	Operating Expenses	0.00					
62160	GEF Trustee	71600	Travel	41,500.00					
62160	GEF Trustee	72400	Communic & Audio Visual Equip	4,700.00					
62160	GEF Trustee	72100	Contractual Services-Companie	35,000.00					
62150	GEF Trustee	72300	Materials & Goods	25,000.00					
62160	GEF Trustee	75700	Training, Workshops and Confer	24,000.00					
62160	GEF Trustee	74200	Audio Visual&Print Prod Costs	5,000.00					
62160	GEF Trustee	71300	Local Consultants	17,000.00					
62160	GEF Trustee	71200	International Consultants	25,000.00					
TOTAL								451,539.74	





Annual Work Plan

Malawi - Lilongwe

Project: 00077203

Project Title: Early Warning Systems

Report Date: 15/2/2017

GRAND TOTAL

451,539.74

