

Rwanda Meteorology Agency

Quarterly Work Plan - Q2 2020

Project : Strengthening National and Local Disaster Risk Management Capacity, Resilience and Enhancing Preparedness and Early Warning

Period: April - June 2020 (Year 2)

Intended Outcome as stated in the UNDAF/Country Programme Results and Resource Framework:

Outcome 2: By 2023 Rwandan institutions and communities are more equitably, productively and sustainably managing natural resources and addressing climate change
 Outcome 4: By 2023 people in Rwanda, particularly the most vulnerable have increased resilience to both natural and man-made shocks and enjoy a life free from all forms of violence and discrimination

Applicable Output(s) from the UNDP Strategic Plan: Output 3 :Build resilience to shocks and crises

Project outcome : Increasing resilience to climate and natural disaster through evidence-based disaster preparedness and effective early warning system.

Output Indicators	Baseline (2018)	Y1 (2019) Achievement	Y2(2020) Q1 achievement	Y2 Q2 target	Y2 Q3 target			Y2 Q4 target	Y2 (2020) Target	DATA SOURCE	DATA COLLECTION METHODS & RISKS	Reference/ Annual budget (USD)
					April	May	June					
3.2 Percentage of disasters from extreme weathers warned 24 hours before occurring	No existing baseline Disaster Communication system data	90% Extreme weather events warned before 24 hours	90% Extreme weather events warned before 24 hours	90% Extreme weather events warned before 24 hours (maintained)	92% Extreme weather events warned before 24 hours	92% Extreme weather events warned before 24 hours	92% Extreme weather events warned before 24 hours	92% Extreme weather events	92% Extreme weather events	Communication system	Records of occurrence and warnings reports (Meteo Rwanda)	
Output (cf DRG4 Document)	Activities to deliver output	Detailed sequential activities	Indicator	Targets	TIMEFRAME (2020)			Implementing Partner	Quarter Budget	Inputs/Details	Source of Funds	
Project output 1: Institutions at national, district and community level have improved technical capacities to reduce risks, manage and respond to natural disasters and limit gender-differentiated impacts	Activity 1: Support program staff cost Pay project staff salaries	Salaries and benefits	% of project staff remunerated	Program manager and accountant	X	X	X	METEO RWANDA	3,823,619	Staff salaries	UNDP-TRAC	
	Activity1: Support program communication fees	Airtime	Bank Account reports		X	X	X	METEO RWANDA	190,000	Staff communication UNDP-TRAC costs	UNDP-TRAC	37,286
	Activity1: Support program Bank charges	Bank charges	Automation process of forecast preparation	Bank charges paid	X	X	X	METEO RWANDA	9,000	Periodic cost	UNDP-TRAC	
	1.9 Support to developing and customizing Multi Hazard EWS and sharing best practices	Initiate the development of the Meteorogram	Automated Meteorogram	Prototype of the Meteorogram	X	X	X	METEO RWANDA	0	Configure the Cluster computer, prepare and ingest data as testing stage at Meteo Rwanda HQs lead by Meteo Rwanda Forecaster	UNDP-TRAC	51,139
Output 1 TOTAL									4,022,619	4,368		88,425

Output (cf. DRG4 Document)	Activities to deliver output	Detailed sequential activities	Indicator	Targets	TIMEFRAME (2020)			Implementing Partner	Quarter Budget			Reference/ Annual budget (USD)				
					April	May	June		TOTAL (RWF)	Total in USD	Inputs/Details		Source of Funds			
Output 3: Enhanced Multi Hazard Early Warning Systems (MHEWS) to enable effective preparedness, response and recovery	3.3 Upgrade national disaster communication system and provide real-time early warnings	(i) Establishment of MHEWS and implement and monitor the Common Alerting Protocol (CAP) and good practices in MHEWS	New Channel for weather warning dissemination	Common Alerting Protocol operational in Rwanda	X	X	X	MEETEO RWANDA	1,200,000	1,303	Consultations Meetings organised by the Senior Meteorological Application	UNDP-TRAC	9,000			
					Validation of Climate Normals	Percentage of disasters from extreme weather warned 24 hours before occurring	Climate Normals 1981-2010 validated	X	X	X	MEETEO RWANDA	2,000,000	2,172	Hotel Travel	UNDP-TRAC	11,717
					Continue the development of the Early Warning System (EWS)- Impact Tables (Wind parameter)	Percentage of disasters from extreme weather warned 24 hours before occurring	New parameters for impact tables analysed (relevant to Disaster, Agriculture and Health)	X	X	X	MEETEO RWANDA	4,600,000	4,995	Hotel DSA, Travel	UNDP-TRAC	
					Procurement and installation of Equipment required for Radar displays	Percentage of disasters from extreme weather warned 24 hours before occurring	90% of extreme weather warned 24 hours before occurring	X	X	X	MEETEO RWANDA	3,900,000	4,235	Equipment, DSA, Travel	UNDP-TRAC	3,500
					Organise climate data necessary to produce temperature and rainfall trending report	Percentage of disasters from extreme weather warned 24 hours before occurring	90% of extreme weather warned 24 hours before occurring	X	X	X	MEETEO RWANDA	0	0	Organise data to inform the preparation of Impact tables by Data Processing Officer	UNDP-TRAC	
					Pay for the data backup service		Safe and Up dated data bank	X	X	X	MEETEO RWANDA	6,417,489	6,968	Service	UNDP-TRAC	27,902
					Carry out stations maintenance (preventive and corrective)		Visit and Maintain 60 weather stations	X	X	X	MEETEO RWANDA	2,404,836	2,611	DSA, Travel and Spare parts	UNDP-TRAC	13,807
					Consult and prepare agreement to Connect Stations to Rwanda Energy Group (REG) Electricity		Agreement signature	X	X	X	MEETEO RWANDA	-	0	Contact MINALOC and Administrative Sector	UNDP-TRAC	7,750
					Conduct data rescue		Rescue data from 2,000 paper archives to digital storage	X	X	X	MEETEO RWANDA	16,793,520	18,234	Contractual staff	UNDP-TRAC	56,803
					Provide handsets mobile phones for weather data transmission		Distribute the handsets	X	X	X	MEETEO RWANDA	20,673,750	22,447	Avail mobile phones to use in the data management process		28,552

Output (cf- DRG4 Document)	Activities to deliver output	Detailed sequential activities	Indicator	Targets	TIMEFRAME (2020)			Implementing Partner	Quarter Budget				Reference/ Annual Budget (USD)				
					April	May	June		TOTAL (RWF)	Total in USD	Inputs/Details	Source of Funds					
	3.6 Support the setup of National Framework for Climate Services (NFCS) provided	Consultation meetings over online platform to set and agree its implementation		Nomination of the NFCS members	X	X	X	METEO RW/ANDA	0	0	Schedule online meetings by Senior Meteorological Application	UNDP-TRAC	12,718				
	3.7 Support the quality assurance capability	Develop and process tender to Develop and deploy the phase II version of the Volunteer Observer system under Internet Of Things (IOT)	Performance of volunteer weather stations	Daily data from all volunteer manned stations transmitted via the system	X	X	X	METEO RW/ANDA	0	0	Development of Tools for the Phase II by the Division of Data Observation and QC	UNDP-TRAC	22,826				
Output 3 TOTAL									57,989,595	62,964			194,575				
Output 5: Response to Covid19	Activity 5.1 Provide support for protective equipment and kits at weather stations	Provision of fuel for the Meteo Rwanda Vehicle for technical intervention on field	Standby vehicle for technical interventions	2000 hours of fuel for Meteo Rwanda vehicle intervention	X	X	X	METEO RW/ANDA	2,000,000	2,172	Fuel for Meteo Rwanda vehicle	UNDP-TRAC	0				
					Activity 5.2 Provide support for urgent transportation for weather information collection and forecasting under COVID 19 emergency	Install hand-washing facilities at 11 sites (Maseo Rwanda HQ (2 sites) Maramundo, Kawungwe, Nyaruzi, Gicumbi, Isango, Bujumba, Nyamagabe, Kaseo and Kaseongi)	Number of Meteo Rwanda sites with hand-washing facilities	11 locations (HQs and weather stations offices) with hand washing facilities	X	X	X	METEO RW/ANDA	4,000,000	4,343	Facilities	UNDP-TRAC	0
					Acquire 2 first aid kits at Meteo Rwanda HQs	Available protection kits	2 First aid kits awarded	X	X	X	METEO RW/ANDA	200,000	217	first aid kits	UNDP-TRAC	0	
	Provide face masks for Meteo Rwanda Staff who work from office during the COVID 19 emergency operation		Staff using face masks	50 staff have face masks for 2 months awarded	X	X	X	METEO RW/ANDA	6,000,000	6,515	Masks	UNDP-TRAC	0				

7

Output (cfv DRGF Document)	Activities to deliver output	Detailed sequential activities	Indicator	Targets	TIMEFRAME (2020)			Implementing Partner	Quarter Budget			Reference/ Annual budget (USD)	
					April	May	June		TOTAL (RWF)	Total in USD	Inputs/Details		Source of Funds
Total Output 5									12,200,000	13,246			0
Grand Total									74,212,214	80,578			283,000

Approved by:



Gahigi Aimable
Director General of Meteo Rwanda



Date:

Varsha Redkar-Palepu
UNDP Deputy Resident Representative