MINISTRY IN CHARGE OF EMERGENCY MANAGEMENT (MINEMA)

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METEO RWANDA



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(UNDP)



Empowered lives. Resilient nations. 11

ANNUAL WORK PLAN 2019

"Strengthening National and Local Disaster Risk Management Capacity, Resilience and Enhancing Preparedness and Early Warning System in Rwanda"

Year 2019

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Ministry of Emergency Management
Single Project Implementati
Rwanda Meteorology Agency
Disaster Programme
Project "Strengthening National and Local Disaster Risk Management Capacity, Resilience and Enhancing Preparedness and Early Warning System in Rwanda*
Disaster Programme Work Plan 2019

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Activities to Deliver output
Ferfmand Management

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				district and community level have improved technical capacities to reduce risks, manage and respond to natural disasters and limit gender-differentiated impacts	Project output 1: Institutions at national,			*
	IDRR/DRM organizations involved in disaster management MINEMA, NPDM, METEO RWanda and local staff including disaster management committees	Rwanda Meteorology Agency 1.3 Enhance the capacity of	development strategy and plan for Ministry in Charge of Emergency Management, Districts, DIDIMACS, SEDIMACS, INDIAMACS, INDIAMACS, SEDIMACS, INDIAMACS, SEDIMACS, INDIAMACS, INDIAMACS, INDIAMACS, INDIAMACS, INDIAMACS, IND		1.1 Conduct DRR/DRM Capacity Needs Assessment			Activities to Deliver output
en 200		45,000	***************************************	3	15,000	asu	(Operati	Estin
	and the second of the second o	39,240,000			13,080,000	Rwf	(Operational rate \$= 872	Estimated hudget
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		7 12 000	5,000		9,000	æ	duarter	
		1200	5,000	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		e	cuarter budget (USD)	
	77,000				T	&		
	TZ.OOU MINEMA		0 MINEMA		OMINEMA		Responsible Party	
	Number of MINEMA and Meteo Rwanda staff; Meteo Rwanda staff; NPDM focal points, and members of DIDIMACs and SECIMACS men and women trained that have improved technical skills in risks reduction, management and response to natural disasters and limit gender-differentiated impacts	NADIMATEC and Rwanda Meteorology Agency	A capacity development strategy and plan for Ministry in Charge of Emergency Management, Districts, DIDIMACS,	strategy and plan for Ministry in Charge of Emergency Management, Districts, DIDIMACS, SEDIMACS, NPDM, NADIMATEC and Rwanda Meteorology Agency	A capacity development	-	Indicators	
	88, for MINEMA ; 18 Meteo staff	,	No	APDM, DOIMACS and SEDIMACS 18 Meteo Rwanda staff (2013-2018)	88 MIDIMAS		Baseline	
V 1	the capacity of MINEMA. the capacity METEO development plan RWANDA developed (DIDIMAC) implementaed (DIDIMAC) 238 MINEMA staff; 68 SEDIMAC) Meteo staff	NADIMATEC, Rwanda Meteorology Agency, DIDIMACs and SEDIMACS	Q2 & Q3 : Capacity development plan developed for MINEMA, District staff, NPDM,	MINEMA, District staff, NPDM, NADIMATEC, Rwanda Meteorology Agency, DIDIMACS and SEDIMACS capacities assessed			Targets	
_		SEDIMAC)	MINEMA. METEO RWANDA MINALOC (DIDIMAC®	MINEMA, METEO RWANDA, MINALOC		Material Property Control	Stakeholders	
	UNDP		UNDP	UNDP		BUDGET	SOURCE OF	

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national early warning and and customizing SOP for 1.10 Support to developing best practices and customizing Multi Hazard EWS and sharing Management Plans and Development Sectors district Development Plans the development, update 1.9 Support to developing reviewing Disaster authorities in updating and 1.8 Support district DRR/DRM into national and 1.7 Support to mainstream policies, strategies and and dissemination of DM operation of NPDM and to 1.6 Support to the effective coordinate the program 1.5 Support program participation in the International Conference personnel to manage and for DRR/DRM and study 1.4 Support the 10,000 31,000 144,400 14,000 5,000 8,000 125,916,800 12,208,000 27,032,000 4,360,000 6,976,000 8,720,000 36,100 2,000 3,500 6,520 36,100 5,000 8,000 3,000 3,500 8,480 31 36,100 3,000 3,500 8,000 36,100 MINEMA 2,000 MINEMA 3,500 MINEMA 8,000 METEO 0 MINEMA OMETEO SOP for national early warning and response Number of development stakeholders developed, updated, and Meteo Rwanda forecasters, workshops with conferences/ trainings to which DRR is updated and Number of international and local level mainstreamed at national sectors and districts in operating procedures strategies, plans, and Number of DRM policies, operationalised % of program staff meetings held Number of NPDM Districts (2013-2018) 8 warning system based Early 2018) policies, strategies, plans developed or Individual email plans developed per year 18 DRM 18 Policies, strategies, Sectors; 29 9 development or updated (2013- Q1-4: 4 NPDM 4 NPDM meetings |Q1-4: 100% revised conferences/ trainings ę, early warning and Q2: SOP for national to Meteo Rwanda for operationalisation response workshops with 1 international 2 Sectors; 4 Districts stakeholders forecasters, 2 01-04: meetings conducted program staff Q1-Q4: all (100%) operationalised RWANDA METEO RWANDA MINEMA, METEO MINEMA, RWANDA MINEMA MINEMA METEO 14 DNDP UNDP DNDP UNDP DNDP DNDP

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enable effective early warning systems to Enhanced multi hazard Output 3: risk assessments evidence-based disaster institutions) have institutions (which Population, local Output 2: kills of risks from increased knowledge and authorities and Sub total Sub total 3.1 Provide infrastructure support for operation room digitalized system for and evidences through public awareness. 2.5 Organize disaster risk cover disaster data, events through secondary schools management awareness awareness activities including specific gender vulnerable population and production targeting TV/radio programmes and 2.6. Collect, document and among population through awareness raising activities 2.4 Conduct DRR Recommendations National Risk Atlas operationalization of 1.11 Support The 2.2 Implementation of Management Officers District Disaster 76,900 26,900 30,000 292,400 5,000 15,000 10,000 67,056,800 254,972,800 23,456,800 26,160,000 4,360,000 13,080,000 8,720,000 38,725 6,725 28,000 58,620 4,000 2,500 13,225 92,580 6,725 2,500 4,000 2,500 13,225 W Sel 6,725 2,500 77,100 4,000 2,500 11,725 64,100 6,725 MINEMA 3,000 MINEMA 2,000 MINEMA 2,500 MINEMA O MINEMA % of disaster program Number of awareness campaign conducted in schools digitalised and published covered, documented, event and best practivce 5 years target: 80%) to disasters aware of 50 % of the risk assessment disaster risk (Baseline: 56%; selected 6 districts prone vulnerable population in male, female and Percentage of Rwanda's districts; target: 2 sectors; (Baseline: 0 sector; o recommendations have implemented at least # of targeted development % of DDMOs supported for All oprations of 6 |Q1-4:(100%) all sectors and districts which team Ž Communication disaster Operational 56% O Sector ,0 District Q1-Q4: 2 Sectors , DDMOs supported DDMOs supported for Districts covered, documented Q1-4: All (100%) communication team operationalised awareness and published for and best practices Q1-Q4: Disaster Q2-Q4: 20 Schools informative events Q1-Q4: 66% 4 Districts MINEMA MINEMA MINEMA MINEMA MINEMA, 7 DNOP UNDP UNDP UNDP HOND

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preparedness, response and recovery 3.4 Support to improve the generation of weather forecasts and 3.7 Support the quality assurance capability National Framework for Climate Services (NFCS) climate database providing provided information 3.2.Conduct simulation 3.6 Support the setup of accurate data and improvement of a national 3.5 Support the dissemination time early warnings system and provide realdisaster communication 3.3 Upgrade national for readiness for the exercises on major hazards districts 197,800 172,481,600 129,800 10,000 10,000 11,000 26,000 11,000 113,185,600 22,672,000 8,720,000 8,720,000 9,592,000 9,592,000 26,000 80,800 13,000 13,000 10,000 10,000 36,800 11,000 8,000 5,000 91,000 80,000 NI All 500 6,000 METEO METEO METEO METEO METEO MINEMA NF.CS Computerised M&E reporting system Consultant report for the management Number of simulation generated for disaster information products Category of weather occurring from extreme weather Percentage of disasters for EWS Institutional arrangement preparedness and response warned 24 hours before and district level conducted at the national exercises for disaster Engagement workshop cover and location) generated. reporting system testable Monitoring & from 5 data source Evaluation software M&E Manual 5 categories of weather Meteo Rwanda conducted 1 (2018) hail, lightning products (rainfall, information before occurring from extreme Existing separate wind, drought, weather were 70% of disasters (MINEMA/Meteo warned 24 hours Rwanda) systems Sub total Strategic Plans available acceptance of a Q2: Reception and Q2 :NFCS Action and maintenance Q1-Q4 : Calibrate of trainings data on paper storage of existing Purchase of software station network, and existing weather alert protocol desk) (software for commor dissemination analysis, and Q1-Q3: Automation of Meteo Rwanda information with and rescue, and weather forecast, data weather and climate Q2-Q4: Integrate system; including MINEMA EWS Exercises Q2: 1 Simulations ¥13 Meteo Rwanda Meteo Rwanda UNDP Meteo Rwanda Meteo Rwanda MINEMA QUNDP UNOP UNDP DNDP UNDP

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mitigate, adapt and strengthened capacity to respond to disaster risks Communities have 4.5 Support innovative socioeconomic initiatives of population vulnerable to Management Officer (DDMO) disasters where there is no brochures, pamphlets, disasters in managing 4.1 Assist districts prone to disasters local women's groups' approach including specific 4.4 Support the flyers, pull up banners, dissemination of public damages from past District Disaster measures implemented by through community-based implementation of vulnerable population frames, etc.) including to banners, reports, picture disasters economic losses and adaptation measures nnovative mitigation and awareness materials (i.e. 4.3 Production and 4.2 Assess social and 30,000 50,460 15,000 58,240 26,160,000 44,001,120 13,080,000 50,785,280 12,000 2,000 14,560 2,000 ; 28,000 14,560 2,000 2,000 23,460 14,560 \ц ли• 23,000 14,560 MINEMA 1,000 | MINEMA MINEMA MINEMA economic activities members benefited from Nr of community their displacement to generate at least the supported through headed and male-headed) % of households (genderof disaster mitigation headed) having benefitted (gender-disaggregated, female-headed and male-DRM, Disaster risks A comprehensiveDRM DDMUs to support districts Number of deployed same revenues as prior to livelihood intervention able disaggregated, femalemeasures from the implementation Number of households training manual % of population aware of 8 2,000 30% 6 DDMOs Q1-Q4: 2150 training manual A comprehensive 30% from baseline eligible selected Q1-Q4: 100% of Q1-Q2 : Increased by Q1-Q4: 6 DDIMOS households 197 MINEMA, District MINEMA MINEMA MINEMA DNDP UNDP UNDP DNDP

Output 4:

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	MINEMA Meteo UNDP Total	Grand Total	budget)	Programme Support Services of UNDP		4.7. Provide support to population affected by disasters; Assist timely all disaster victims with releif assistance	4.6 Carry out demonstration and create awareness on fire and lightening prevention through installation of model lightning rods and fire extinguishers in public buildings
	USD 555,000 225,800 15,000 795,800	795,800	**********	15,000	213,700	30,000	30,000
n data menenghi daga mendala dan mada bersamban pelabat da daga menghi melabat da daga menghi melabat da daga Dan menggung menggunggan penggunggan penggung penggung dan menenghi penggung a yan yang bengganggang penggung	(in Rwf) 483,960,000 195,897,600 13,080,000 593,937,600	693,937,600	etamontinionem 2,0,000 primaje	13,080,000	186,346,400	26,160,000	26,160,000
	Q1 152,385 32,520 3,750 188,655	188,655	•	3,750	61,560	30,000	1,000
	202 175,885 86,280 3,750 265,915	265,915	•	3,750	75,560		29,000
N.	223,095	223,095	•	3,750	38,020	₩ ₩	AN.
	Q4 106,385 8,000 3,750 118,135	118,135	•		38,560	•	
	•		UNDP	AGNN		MINEMA	MINEMA
MINISRY	GAHIGI Almab & Approved GAHIGI Almab & Approved Meteo Rwanda KAYUMBA Olivier Fermanen Secretary/Mingroot G Europa		- A	Portion of Programme Associate cost	Section of the second	% of affected Persons assisted immediately (not later than 24 hours)	Number of model lightning TBD rods and fire extinguishers in public buildings
	(P) 1 (1) 1 (P) 1				100		081
THY GEWENT	Stephen Rodrigues UNDP Resedent Representative		\$2.E.	Portion of Programme UNDP Associate cost	Sub total	Q1-Q4: Timely support to most vulnerable affected persons	Q1-Q4: 10 Public facilities
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			UNDP	UNDP		UNDP	UNDP
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