



## QUARTERLY NARRATIVE PROGRESS REPORT

YEAR/QUARTER: 2019/Q3

**Purpose:** This report aims at assessing the achievements against the planned results during the quarter as well as risks and issues that could affect project implementation.

<b>Project title:</b>	Strengthening National and Local Disaster Risk Management Capacity, Resilience and Enhancing Preparedness and Early Warning System in Rwanda	
<b>Project number:</b>	00117911	
<b>Project/UNDAP/CPD outcome:</b>	UNDAP Outcome 2; Output 2.3 CPD Outcome 2; Output 2.3	
<b>NST priorities:</b>	Priority 7 "Sustainable Management of Environment and Natural Resources" under the "Economic Transformation" Pillar	
<b>SDGs:</b>	11 & 13	
<b>Project start date:</b>	01/Jan/2019	
<b>Project end date:</b>	30/June/2023	
<b>Reporting period (Q/YYYY):</b>	Q3/2019	
<b>Project budget (USD):</b>	<b>TRAC (core):</b>	USD 2,765,065
	<b>UNDP TRAC113</b>	USD 200,000
	<b>Government of Rwanda (in kind):</b>	
	<b>Other donors:</b>	
	<b>Total project budget:</b>	USD 2,965,065

## Results-based Reporting

**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**

**Results achieved and evidence** (*Explain the achievements at the output level. Make sure to provide evidence, related data and how it was collected*):

Project staff (Program Manager and the Project Accountant) got their salaries and communication costs were covered during this period for the day-to-day management of the project operations.

**Completed activities that contributed to the above achievements** (*Explain which activities took place and how they contributed to the achievement of the output. Photos or reports can be added as annex*):

**Activity 1.5: Support program personnel to manage and coordinate the program**

The implementation of this project was managed on daily basis and below are some of the activities done to ensure smooth delivery:

- 1) All the financial transactions were done according to the management system rules,
- 2) The financial spot check was successfully conducted by RUMA with full support of the project team
- 3) Prepare and follow up funds request, disbursement and payment.
- 4) Serve as liaison between Meteo Rwanda and UNDP
- 5) Work with technical divisions/staff to implement the planned activities
- 6) Organise meetings with RISA and M&E prototype presentation
- 7) Prepare and submit reports

**Change in plan** (*what results were not achieved as planned and why*):

**Activity 1.9: Support to developing and customizing Multi Hazard EWS and sharing best practice**

This activity 1.9 is pending due to conference preparations (draft documents to be finalised) and requirements to attend conference not yet met. It is expected that at least 2 events will be well prepared and at least one or two conferences abroad will be sponsored.

**OUTPUT 3: Enhanced multi hazard early warning systems to enable effective preparedness, response and recovery**

**Results achieved and evidence** (*Explain the achievements at the output level. Make sure to provide evidence, related data and how it was collected*):

1) In the spirit of this joint project, Meteo Rwanda trained 6 staff from MINEMA from 1<sup>st</sup> to 6<sup>th</sup> September 2019, on the Weather Radar information interpretation to equip them with skills to use the weather information from Meteo Rwanda which will be installed in the MINEMA's operational room, and display live weather over Rwanda. This is for ensuring seamless access to weather conditions, visualise weather extremes in advance so that a warning can be generated early enough.

2) Historical climate data security through data backup at National Data Centre during August 2019

3) Rainfall thresholds by province were defined to base on while setting up impact tables which will be referred to by different users in disaster preparedness and mitigation;

4) Climate Normals from 1981-2010 document's comments were being addressed to ensure an understandable and comprehensive document is ready for users pre-validation.

**Completed activities that contributed to the above achievements** (*Explain which activities took place and how they contributed to the achievement of the output. Photos or reports can be added as annex*):

**Activity 3.3: Update national disaster communication system and provide real-time early warnings**

After the technical team of Meteo Rwanda and MINEMA assessed the status of the existing infrastructure necessary for displaying Meteo Rwanda's weather radar information, a training was organised and conducted for 6 MINEMA staff and now the configurations and installation of the display at MINEMA operational room are ongoing and expected to be completed early October 2019.

**Activity 3.4: Support to improve the generation of weather forecasts and dissemination**

For the better use of the generated weather forecasts, rainfall thresholds and impact tables are essential. As of now, the thresholds were defined, the next step is to work with users to set impact by users.

September to December is the long rainy season in Rwanda, this Quarter was ending with the start of the season. In fulfilment of its mandate, Meteo Rwanda organised the National Climate Outlook Forum (NCOF), facilitated by UNDP on 4<sup>th</sup> September 2019?. The event attracted more than 100 participants, more than those estimated.

**Activity 3.5: Support the improvement of a national climate database providing accurate data and information**

Refinement of Climate Normals 1981-2010 continued to ensure that users would understand them

correctly during the pre-validation session.

156 weather stations were maintained while last quarter only 36 were maintained. The regular maintenance is meant to meet the required frequency of maintenance to ensure stations are collecting and transmitting to the Head Office (Meteo Rwanda) and also adhere to the ISO 9001:2015 of which Meteo Rwanda is certified.

The backup of National climate data in the National Data Centre continued without any interruption and invoices for the service are being paid regularly. It is these data from which the thresholds for rainfall by provinces were computed from.

~~As of now, the first prototype was presented at Meteo Rwanda and was satisfactory after, some recommendations were given for further improvement of the next version.~~

We hope that next year we will harmonise weather data acquisition format and storage from all the weather stations, Radar and satellite included.

**Activity 3.6: Support the setup of National Framework for Climate Service (NFCS) provided**

Postponed

**Activity 3.7: Support the quality assurance capability**

The M&E System development started. Before the coding started a consultation meeting to engage RISA was organised at, and was chaired by RISA to ensure it complies with RISA's requirements, is of good quality and sustainable.

**Change in plan** (*what results were not achieved as planned and why*):

A study tour was scheduled to Tanzania. Tanzania Meteorological Administration was slow to respond to Meteo Rwanda request to host and guide our staff. A this is important the Director General will make another correspondence.

Dissemination at District level was cancelled. The reimbursing the potential participants' transport and subsistence costs was not possible.

## Overall Challenges, Recommendations and Lessons learnt

*Raise any challenges that require attention, and lessons learnt / best practices that can be shared within the project and with other projects.*

<b>Key challenges and risks, recommendations</b> ( <i>Identify challenges and risks and recommended solutions</i> ):	
1. Seasonal forecast was not downscaled to District level	Find an alternative means to reach the communities.
2. Stakeholders meeting to pre-validate the Rwanda Climate Normals did not happened; some final touches on the document are ongoing.	To speed up its finalisation.
<b>Lessons learned and/or good practices</b>	
- With regular consultations and flow of information, this quarter has the best performance.	
<b>Leave No One Behind, Gender, Knowledge &amp; Innovation, Environment:</b> ( <i>Share any achievements or lessons learnt, good practices on Leave None Behind, gender equality and women's empowerment, Innovation and Environment (Reports that will include a section on "Environment" are only those for projects focusing on socio-economic development)</i> )	
Among the trained MINEMA staff on weather radar information, one female attended and was at the same level of understanding.	
As the weather radar information from Meteo Rwanda will be displayed at MINEMA, a second terminal was availed for practicing without interrupting the live system.	

## Results Framework Summary

*Monitor the indicators by quarter and record relevant progress. Make sure to add the source of data.*

Outcome / Output	Indicator	Baseline	Project target	Q1	Q2	Q3	Q4
<b>Output 1</b> 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	% of project staff remunerated	0%	100%	99%	100%	100%	
<b>Output 3</b> Enhanced multi hazard early warning systems to enable effective preparedness, response and recovery	Percentage of disasters from extreme weather warned 24 hours before occurring	70% of disasters from extreme weather were warned 24 hours before occurring	Q1-Q3: Automation of weather forecast, data analysis, and dissemination (software for common alert protocol desk)	Common Alert Protocol postponed	Climate Normals were computed and documents to inform decision making	Climate normal being refined, MINEMA staff trained to use live weather radar information from Meteo Rwanda	
	Category of weather information products generated for disaster management	5 categories of weather information products (rainfall, wind, drought, hail, lightning cover and location) generated.	Q1-Q4 : Calibrate of existing weather station network, and maintenance Purchase of software and rescue, and storage of existing data on paper	Payment of Data storage to a safe place (National Data Centre)	Continued Data backup and stations maintenance to ensure quality of data and reduce delays in data acquisition from Stations	Rainfall thresholds developed to inform the setting of impacts by users from different socio-economic sectors	

Financial Summary

Quarterly financial report						Annual financial summary			
	Q3 Budget allocation (USD)	Q3 Expenditure (USD)	Balance for Q3 (US\$)	Delivery rate for Q3 (%)	Notes <i>(Explain reason if there are differences between budget and expenditure)</i>	Annual Budget allocation (USD)	Annual expenditure by end of Q4 (USD)	Delivery rate at end of Q4 (%)	
Output 1	9,393	5,632	3,762	59.9%	The request was made for the Semester				
Output 3	17,085	17,054	30.88	99.8%					
TOTAL	26,478	22,685.37	3792.82	85.7%					

## **Next Quarter Work Plan (QWP)**

*Provide a quarterly work plan including M&E and communication activities. If the work plan is created in excel sheet, please attach it to this reporting form. Indicate the projected delivery rate by the end of the quarter.*

## **List of Annexes**

*Below are potential contents that can be annexed to the report (optional but recommended to have at least one annex).*

### **a) Success Stories**

The M&E system development is on good track, the pace at which the exercise is moving on is promising.

The NCOF got high turnout, this indicates that Meteo Rwanda information need is increasing, hence access was also high.

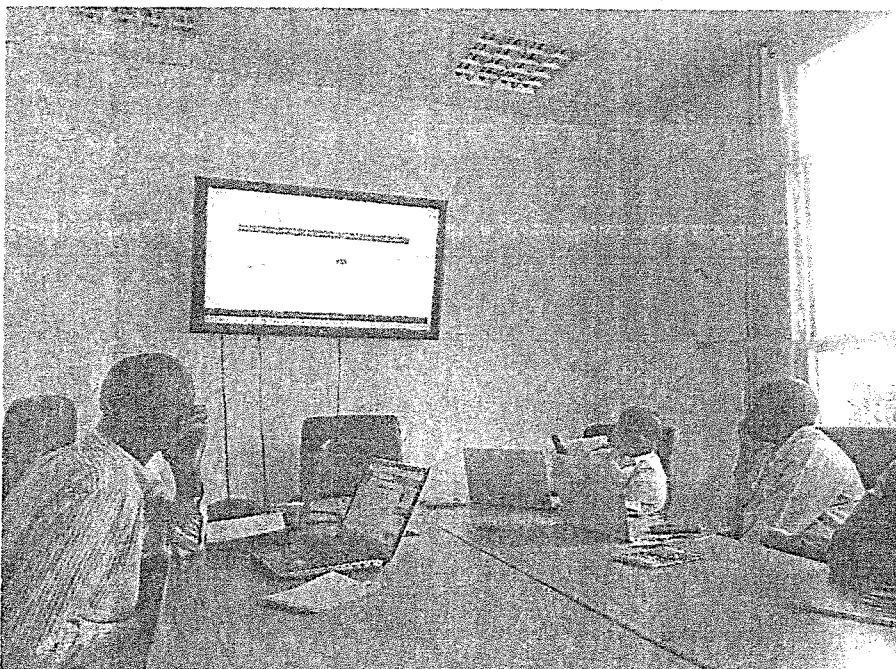
### **b) Key studies**

None

### **c) Other reports / documentation (e.g. field reports)**

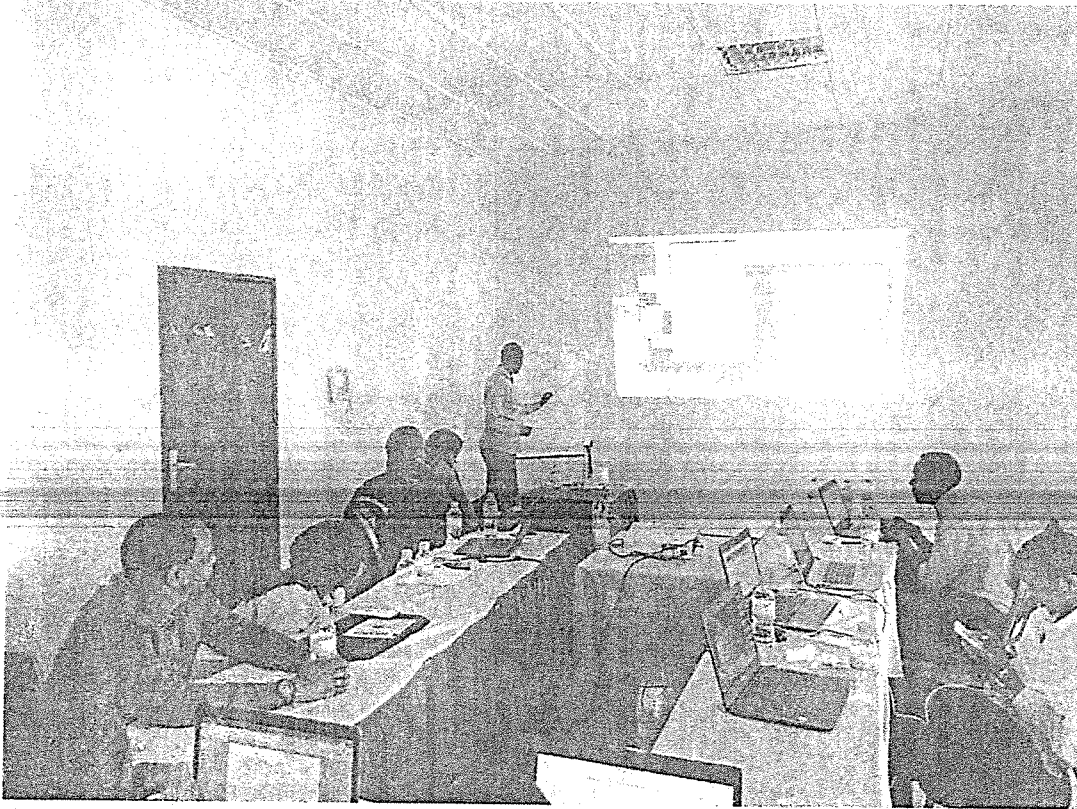
- Field report on Stations Maintenance
- Rainfall thresholds for Impact table development
- Training on Weather Radar information interpretation by MINEMA staff
- Concept note for the National Climate Outlook of 4<sup>th</sup> September 2019

### **d) Photos**



*Presentation of the Monitoring and Evaluation prototype (M&E) system at Meteo Rwanda 10<sup>th</sup> Sept 2019*





*Training MINEMA staff on weather radar information interpretation 1-6 Sept 2019*



*Training MINEMA staff on weather radar information interpretation 1-6 Sept 2019 in Musanze*



Weather Station Maintenance in the Northern and Western Province September 2019

**e) Links to articles etc.**

National Climate Outlook Forum (NCOF):

- 1) [https://meteorwanda.gov.rw/index.php?id=114&tx\\_news\\_pi1%5Bnews%5D=334&tx\\_news\\_pi1%5Bcontroller%5D=News&tx\\_news\\_pi1%5Baction%5D=detail&cHash=b2f2b8f96480269d07b44bfb30d2d004](https://meteorwanda.gov.rw/index.php?id=114&tx_news_pi1%5Bnews%5D=334&tx_news_pi1%5Bcontroller%5D=News&tx_news_pi1%5Baction%5D=detail&cHash=b2f2b8f96480269d07b44bfb30d2d004)
- 2) <http://imvahonshya.co.rw/meteo-rwanda-INVURA-yigihe-cyumuhindo-izaba-ihagiye/>

**Date:** 23<sup>th</sup> Sept 2019

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