

CREWS Project Status Report

1	Project Title	Mali Hydrological and Meteorological Services Modernization Project
2	Project Reference	CREWS/CProj/02/Mali
3	Reporting Period	June-November 2017
4	Reporting Focal Point	Jean-Baptiste Migraine, Senior Disaster Risk Management Specialist, The World Bank
5	Project Status Overview	<p>CREWS resources will contribute to improve the country's hydro-meteorological, early warning and response systems and services in targeted areas:</p> <ul style="list-style-type: none"> - Enhanced hydro-meteorological observing, monitoring and impact forecasting services - Enhanced food security early warning system - Establish a flood early warning services - Enhanced civil protection response capacities <p>More specifically, CREWS financing would expand the scope of World Bank "Mali Hydrological and Meteorological Services Modernization Project (P161406)", a US\$22.75 million Green Climate Fund (GCF) grant together with a US\$8.15 million IDA credit currently in the pipeline. CREWS resources will support capacity development among stakeholders involved in early warning (meteorology, hydrology, civil protection, food security monitoring, selected Municipal Councils, population in areas prone to flash-floods).</p> <p>The activities as presented in the Investment Plan are reflected below:</p> <ul style="list-style-type: none"> - Component A. Institutional Strengthening, Capacity Building and Implementation Support: i) reinforcing the legal and regulatory framework of Mali Météo and DNH in order to develop partnerships and Standard Operating Procedures (SOPs) for delivery of services; ii) implement a long-term and on-demand capacity development and training program for staff of Mali Météo, DNH, SAP and DGPC. - Component B. Enhancement of Service Delivery to End-Users will provide technical assistance for delivery of more accurate, timely and user-friendly products and services to decision-makers and end-users. The component will specifically address (i) defining of requirements and developing feedback mechanisms with different user groups (in line with the National Framework for Climate Services); and (ii) development of customized products and services made available to user groups through dedicated interfaces. <p>The detailed implementation plan was finalized and adopted by the Government, under the leadership of the Directorate General for Civil Protection, on Monday September 4th, 2017. CREWS will ensure optimal support to 4 national institutions involved in early warning for drought, locust, heavy precipitation, river flooding, flash flooding, wind storm and sand storm, with financing for modernization of institutions and infrastructures available from The World Bank and other partners.</p> <p>The CREWS funds have been received by the World Bank and the specific trust fund for this specific activity is active since July 11th, 2017.</p>

	<p>The Bank team has already launched some activities related to the setting-up of a national risk information portal is working with the institutions and beneficiaries on drafting ToRs and identifying consultants and firms for priority assignments, including training of civil servants and providing operational rainfall estimates based upon cellphone signal attenuation.</p> <p>In the section below, activities are specified in line with the updated CREWS monitoring and evaluation framework.</p>
--	--

6 Project Activities Contributing to CREWS Outputs

CREWS Output 1: Assessments of NMHSs capacities, user needs, alignment with other programmes socio-economic benefits

Project Activities and Estimated Progress to Date	
<ul style="list-style-type: none"> Assessment of capacity for early warning of drought, locust, heavy precipitation, river flooding, flash flooding, wind storm and sand storm, within National Meteorological Service (MALI-METEO), National Hydrological Service (DNH), Food Security Early Warning System (CSA/SAP) and Civil Protection Directorate (DGPC) and recommendations for improvement 	0%
<ul style="list-style-type: none"> Needs assessment in University of Bamako towards development of a disaster risk management curriculum with focus on early warning 	10% (ToR developed)

CREWS Output 2: Access and use of hazard and risk information

Project Activities and Estimated Progress to Date	
<ul style="list-style-type: none"> Feeding the national risk geoportal (temporarily available from http://ml-risk.pigeosolutions.fr) with hazard, exposure and vulnerability information for flood risk assessment and impact forecasting 	10% (development of the geoportal)

CREWS Output 3: Improvement of NMHSs service delivery

Project Activities and Estimated Progress to Date	
<ul style="list-style-type: none"> Implement a capacity development and training program for staff (including operational training) 	0%
<ul style="list-style-type: none"> Operational rainfall estimates based upon cellphone signal attenuation 	10% (development of the action plan)
<ul style="list-style-type: none"> Modernizing the data collection for rainfall and water level 	0%
<ul style="list-style-type: none"> Update of (location-specific) numerical weather forecasting capacities to better track extreme events 	0%
<ul style="list-style-type: none"> Development of operational procedures to convert extreme weather forecasts (rains, floods, winds, heat waves) in potential impacts 	0%
<ul style="list-style-type: none"> Monitoring and assessment of agricultural, pastoral and food production linked to climate variability 	0%

CREWS Output 4: Development of long-term service delivery strategies and development plans for NMHS

--

Project Activities and Estimated Progress to Date	
<ul style="list-style-type: none"> Recommendations for improvement within National Meteorological Service (MALI-METEO), National Hydrological Service (DNH), Food Security Early Warning System (CSA/SAP) and Civil Protection Directorate (DGPC) for improved early warning of drought, locust, heavy precipitation, river flooding, flash flooding, wind storm and sand storm 	0%

CREWS Output 5: Procurement and installation of high priority observation and information and communications technology (ICT) equipment

Project Activities and Estimated Progress to Date	
<ul style="list-style-type: none"> No procurement of equipment planned 	

CREWS Output 6: Preparedness for response plans with operational procedures for dissemination, readiness to act with regular simulation exercises

Project Activities and Estimated Progress to Date	
<ul style="list-style-type: none"> Development of standard operational procedures within each of the 4 institutions and overall among the 4 for warning activation and warning dissemination 	0%
<ul style="list-style-type: none"> Emergency response plans for 5 municipalities 	10% (ToR developed)
<ul style="list-style-type: none"> Training of Regional Disaster Assessment Units 	0%

CREWS Output 7: Targeted education and public awareness programmes available for warning systems and related public action

Project Activities and Estimated Progress to Date	
<ul style="list-style-type: none"> Training for regional and local food security and disaster management committees 	0%
<ul style="list-style-type: none"> Study tour for the 4 institutions contributing to early warning 	10% (ToR developed)

CREWS Output 8: Activities promoting gender equality in all aspects of early warning systems

Project Activities and Estimated Progress to Date	
<ul style="list-style-type: none"> Women participation in training and decision-making venues sponsored by CREWS 	0%

7	Funding Spent	US\$0
8	Changes in Organization	No changes

and Operating Procedures, Project Viability and Sustainability	
Lessons Learned	No lessons learned to date

9