

Template for CREWS Project Status Report

1	Project Title	Niger Strengthening Early Warning Services
2	Project Reference	CREWS/CProj/07/Niger
3	Reporting Period	June 2018-November 2018
4	Reporting Focal Point	Koffi Hounkpe, Senior Disaster Risk Management Specialist, World Bank; Email: khounkpe@worldbank.org , +22890021696
5	Project Status Overview	<p>CREWS is effectively supporting flood early warning system operations in Niger, focusing on putting in place the system itself and developing capacity of the involved stakeholders.</p> <p>Building on Disaster Risk Management and Urban Development Project (P145268) investment project equipment, CREWS Niger supports:</p> <ul style="list-style-type: none"> • Operationalizing the National Alert Code adopted by the Presidential Decree N°2018-538/PRN/MISP/D/ACR of July 25, 2018; • Daily weather forecasts preparation by the National Meteorological Directorate (DNM), disseminated mainly through hard paper distribution and internet. The National Alert Code provided for weather forecasts dissemination through public and private medias, discussions are underway for formal agreement between DNM and medias. • Five applied decrees to implement the Code are under preparation with support of two International Consultants. • A national consultant (woman) is under recruitment to support training and sensitization of 500 women on early warning and disaster risk management in Niger. <p>Some completed and/or ongoing activities during the reporting period</p> <ul style="list-style-type: none"> • Hydromet data collection in the country's six regions (Tillabéry, Dosso, Tahoua, Maradi, Zinder, Diffa) and the District of Niamey (this activity will continue until December 2019); • Elaboration and dissemination of a bimonthly alert bulletin on extreme hydrometeorological events such as heat waves, low water levels of the Niger River; • Training observers of meteorological and hydrological stations on the collection and transmission of meteorological and hydrological data and information; • Alert information coordination and dissemination through Internet connection of General Directorate for Water Resources (DGRE), Directorate of National Meteorology (DMN) and DGPC. The ToR of this activity are developed; • Elaboration and adoption of national early warning Alert Code by Presidential Decree N°2018-

	<p>538/PRN/MISP/D/ACR of July 25, 2018;</p> <ul style="list-style-type: none"> • Elaboration of four applied decrees of the national Alert code under preparation with support of an international Consultant who supported the development the national Alert code; <p>Some activities planned are as follow;</p> <ul style="list-style-type: none"> • Training of governors, prefects, mayors in the dissemination of alerts in 4 regions; • Training on the elaboration and dissemination of vigilance bulletins and warning of heavy rainfall at short time and weekly intervals; • Capacity building in hydrological modeling; • Training of departmental cells for disaster risk assessment • Recruitment of a firm to support CREWS.
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6 Project Activities Contributing to CREWS Outputs –National Projects

[For each Output of the CREWS Monitoring Framework please:

1. Identify relevant project outputs identified in the Project Proposal as “tasks” or “components”, adding detail as needed and reporting progress in their implementation. See the indicators identified in the CREWS Monitoring Framework for reference.
2. Indicate the estimated progress achieved to date (as a percentage) relative to the “implementing time frame” set out in the Project Proposal for this reporting period. See the Project Proposal timeframe for reference. Please maintain the percentage reported in the November 2017 report in the middle column.

Please note that it is expected that for some outputs no activities may have been undertaken during this reporting period. For regional projects, please also complete section 6.1 on Regional Outputs.

CREWS Output 1: Assessments of NMHSs capacities, user needs, alignment with other programs socio-economic benefits			
Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018
Evaluation of capacities for the collection, concentration, processing and archiving for meteorological, climatological and hydrological data and information, and development of decision support products for hydro-meteorological hazards warning. Carried out during the joint World Bank-WMO, which took place from March 24 to April 4, 2018.		90%	90%
This mission, which met the various stakeholders involved, identified the priority needs to			

strengthen the capacity to produce and disseminate hydro-meteorological hazard warnings. These needs were validated by the CREWS launch and work-planning workshop for the period 2018-2020 held from 03 to 04 April 2018 in Niamey. Currently, about 85 persons in the regions of Tillabéry, Dosso, Tahoua, Maradi, Zinder, Diffa, and district of Niamey are regularly collecting collecting Hydromet data along the country. These data are centralized in Hydro and Meteo headquarters for early warning purpose. These people collecting data from installed equipment in the field were trained on using these equipment			
Niger Disaster Risk Management and Urban Development Project (P145268) provided equipment to Hydrology and civil protection services to improve disaster risk prevention, preparedness and management. The project and CREWS are complementary and are reinforcing each other. While the investment project has provided important equipment to participating agencies, CREWS is focusing on capacity building of these agencies through national and international technical assistance, trainings, awareness, study trip.			

CREWS Output 2: Access and use of hazard and risk information			
Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018
Elaboration and dissemination of a bimonthly alert bulletin on extreme hydrometeorological events such as heat waves, low water levels of the Niger River. This activity was initiated in April 2018 by the Ministry of Humanitarian Action and Disaster Management (MAH/GC). This bulletin will focus on the risks of floods and droughts at the beginning of the rainy season. Base on satellite data, Meteo office also elaborates a daily bulletin which is disseminate through the Internet		40%	55%
CREWS supported Development of a georeferenced database of people and infrastructures at risk as well as disaster risk mapping in Niamey and Niger risk platform	Q1 2018-Q4 2020	20%	50%
Surveys with GeoOdk, OpenStreetMap (geographical coordinates, type of buildings, number of people in the household, type of cultivated area); 12,300 ha river mapping with high resolution		30%	60%
Open sources data available on www.risques-niger.org		40%	40%

CREWS Output 3: Improvement of NMHSs service delivery			
Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018

Short-term training on short and medium-range weather forecasts (24H to 72H) in collaboration with WMO.		25%	40%
Training observers of meteorological and hydrological stations on the collection and transmission of meteorological and hydrological data and information.			40%

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

Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018
CREWS is supporting National Meteorological Directorate (DNM) and General Directorate of Water Resources (DGRE) in developing and reinforcing Hydromet data collection in the country's six regions (Tillabéry, Dosso, Tahoua, Maradi, Zinder, Diffa) and the District of Niamey.	Q1 2018-Q4 2020	10%	40%
Support for the coordination of flood early warning service initiatives in Niger. Niger is implementing the WMO Global Framework for Climate Services Action Plan (WCMC) through its National Framework for Climate Services (CNCS) set up in 2012 and officially launched in 2017. In this context, four (4) thematic working groups were set up: (i) Climate-Agriculture/Food Security Working Group; (ii) Climate Working Group - Disaster Risk Reduction; (iii) Climate-Water Resources Working Group and (iv) Climate-Health Working Group.		30%	50%
CREWS is supporting coordination between these initiatives and involved agencies for providing effective flood early warning service to Niger.		10%	40%

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

Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018
Internet connection of General Directorate for Water Resources (DGRE) and Directorate of National Meteorology (DMN). The ToR of this activity are developed.		25%	25%

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

Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018
CREWS supported the operationalization of the country national early warning system. Adoption of national early warning Alert Code by Presidential Decree N°2018-538/PRN/MISP/D/ACR of July 25, 2018.	Q1 2018-Q4 2020	10%	40%
Training of regional directors of civil protection on national and district managements plans by the General Directorate of Civil Protection (DGPC).		10%	20%
Implementation of civil society groups for food security monitoring and early warning system in areas at risk of flood.		10%	20%
Training of governors, prefects, mayors in the dissemination of alerts in 4 regions and the district of Niamey.		10%	20%

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

Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018
Training of villager's observers on the collection and transmission of daily rainfall data by the DMN.	Q1 2018-Q4 2020	25%	30%
Agreement with public medias for alert dissemination and Media training to broadcast the alert.		10%	20%
Training on the elaboration and dissemination of vigilance bulletins and warning of heavy rainfall at the daily and weekly intervals.		10%	10%
Exchange and sharing mission on a hydrological forecast model developed in Togo		10%	10%
Study tour in an African county for the 5 institutions contributing to early warning (National Meteorological Directorate (DMN); the General Directorate of Water Resources (DGRE); the Coordination Cell of the Early Warning and Disaster Prevention System (CCSA/PC); the General Directorate of Civil Protection (DGPC) and the Ministry of Humanitarian Action and Disaster Management (MAH/GC) to complement with that done in January 2018 in France (TOR prepared).		10%	10%

CREWS Output 8: Activities promoting gender equality in all aspects of early warning systems			
Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018
With CREWS support, a national consultant (woman) is under recruitment to support training and sensitization of 500 women on early warning and disaster risk management in Niger.	Q1 2018-Q4 2020		20%
In the city of Niamey, training and awareness will be made in neighbourhoods that are vulnerable to disasters (flood) such as commune five, Goudel and Lossougoungou, Saga, Kabgoura. So, in the city of Niamey about 400 women will be trained and sensitized in the management and disaster prevention and 100 in Dosso and Tillabery so a total of 500 women will be direct beneficiaries.			20%

6.1 REGIONAL OUTPUTS

CREWS Regional Output A: Assessments of institutional capacities of regional centers to meet NMHSs' needs, alignment with other programs socio-economic benefits			
Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018

CREWS Regional Output B: Training for regional WMO and intergovernmental organizations to provide regional climate/weather services			
Project Outputs and Estimated Progress to Date	Output Start & End Date	Progress by June 2018	Progress by Nov. 2018

[For all projects]

7	Funding Spent Disbursed: \$436,429.44 Committed: \$87,689 Total disbursed and committed: \$524,118 Many activities planned for the upcoming two months will increase the disbursement. We are also planning to recruit a firm to support CREWS implementation.
8	Changes in Organization and Operating Procedures, Project Viability and Sustainability No change
9	Lessons Learned CREWS capacity development activities are greatly based on Niger Disaster Risk Management and Urban Development Project (P145268) by capitalizing on the project equipment provided to the General Directorate of Water Resources (DGRE); the Coordination Cell of the Early Warning and Disaster Prevention System (CCSA/PC); the General Directorate of Civil Protection (DGPC) and the Ministry of Humanitarian Action and Disaster Management (MAH/GC). The sustainability on Hydromet data collection and transmission is crucial for an effective early warning in the country.
10	Documents National Alert Code adopted by the presidential Decree N°2018-538/PRN/MISP/D/ACR of July 25, 2018.