

CREWS Project Status Report

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| 1 | Project Title | DRC Strengthening Hydro-Meteorological and Early Warning Services |
| 2 | Project Reference | CREWS/CProj/01/DRC |
| 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 improvement of the DRC early warning services by</p> <ul style="list-style-type: none"> - improved weather forecasts disseminated through different media, including television, radio and internet, - agro-meteorological information services, - extreme weather warnings (mostly in urban areas and along fluvial navigation channels), and - aviation services. <p>More specifically, CREWS financing would expand the scope of World Bank Strengthening Hydro-Meteorological and Climate Services (P159217), expected to become effective in Nov 2017. CREWS resources will support capacity development among stakeholders involved in early warning (meteorology, hydrology, civil protection, fluvial and maritime navigation, 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 and regulatory strengthening, capacity building and implementation support: strengthening the partnerships between MettelSat, civil protection, RVF and RVA relevant to early warning systems (severe weather, flash flooding); - Component B. Improvement of hydromet information service delivery: In line with the global framework for climate services, this component will support (i) identification of requirements by decision-makers and the population at-risk; and (ii) support the design and production of more accurate, timely and relevant warnings and information. The component will strengthen the capacity of specific users for optimal use of products and services relevant to early warning systems (severe weather, flash flooding). <p>The detailed implementation plan was finalized and adopted by the Government, under the leadership of MettelSat, on Friday July 28th, 2017. CREWS will ensure optimal support to 5 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 Africa Development Bank.</p> <p>The CREWS funds have been received by the World Bank and the creation of the specific trust fund for this specific activity will be completed in November. The Bank team is working with the institutions and beneficiaries on drafting ToRs and identifying consultants and firms for priority assignments.</p> |

In the section below, activities are specified in line with the updated CREWS monitoring and evaluation framework.

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 | |
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| <ul style="list-style-type: none"> Assessment of capacity for early warning of drought, heavy precipitation, river flooding, flash flooding, wind storm and recommendations for improvement | 0% |

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

| Project Activities and Estimated Progress to Date | |
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| <ul style="list-style-type: none"> Development of a national risk geoportal and development of hazard, exposure and vulnerability information for flood risk assessment and impact forecasting | 0% |

CREWS Output 3: Improvement of NMHSs service delivery

| Project Activities and Estimated Progress to Date | |
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| <ul style="list-style-type: none"> Implement a capacity development and training program for staff (including operational training for technicians and engineers, meteorologists and hydrologists) | 0% |
| <ul style="list-style-type: none"> Specifications of the central weather forecast system and central production system | 0% |
| <ul style="list-style-type: none"> Integration of local mesoscale and descent scale models (twinning) | 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 the management, operation and maintenance procedures of the operational observation network | 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% |

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

| Project Activities and Estimated Progress to Date | |
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| <ul style="list-style-type: none"> Development of the MettelSat Strategy and Action Plan | 0% |
| <ul style="list-style-type: none"> Identification of network operating costs per various scenarios | 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 | |
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| <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

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| <ul style="list-style-type: none"> Strengthening the legal and regulatory framework for EWS at territorial level and definition and implementation of a Quality Management System for municipal and territorial warning systems | 0% |
| <ul style="list-style-type: none"> Specifications of decision-making tools for warning based upon forecasts and location-specific risk information and contribution to its operating costs | 0% |
| <ul style="list-style-type: none"> Specifications of the severe weather forecast production tool for river and lake navigation | 0% |
| <ul style="list-style-type: none"> Specifications of the crisis center of the civil protection and contribution to its operating costs | 0% |
| <ul style="list-style-type: none"> Risk mapping and emergency response plans for municipalities including training of operational and decision-making civil servants | 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

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| <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 (MettelSat, DPC, RVF, CVM) | 0% |

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

Project Activities and Estimated Progress to Date

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| <ul style="list-style-type: none"> Women participation in training and decision-making venues sponsored by CREWS | 0% |
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| 7 | Funding Spent | US\$0 |
| 8 | Changes in Organization and Operating Procedures, Project Viability and Sustainability | No changes |
| 9 | Lessons Learned | No lessons learned to date |