



## CREWS PROJECT PROGRESS REPORT

(July – December 2020)




<b>1. Project title</b>	DR Congo - Strengthening Hydro-Meteorological and Early Warning Services	<b>2. Project reference</b> CREWS/CProj/01/DRC
<b>3. Implementing Partners involved in the project</b>	World Bank (Lead) World Meteorological Organization	<b>4. Regional/National Partners involved in the project</b> Agence Nationale de Météorologie et de Télédétection par Satellite (Mettelsat)
<b>5. Project Duration/Timeframe</b>	December 2017 – June 2022	
<b>6. Reporting focal point(s)</b>	Christian Vang Eghoff – <a href="mailto:ceghoff@worldbank.org">ceghoff@worldbank.org</a> Muliro Mashauri <a href="mailto:mmashauri@worldbank.org">mmashauri@worldbank.org</a> in cc Lorenzo Carrera – <a href="mailto:lcarrera@worldbank.org">lcarrera@worldbank.org</a> - in cc Jean-Baptiste Migraine - <a href="mailto:jbmigraine@wmo.int">jbmigraine@wmo.int</a> - in cc	
<b>7. Project overview</b>	<b>Please include synergies, leveraging, key project deliverables and total funding in bullet points. (max 250 words)</b> <ul style="list-style-type: none"> <li>• The Grant development objective is to improve the quality of the Government of the DRC’s hydro-meteorological and climate services in selected sectors.</li> <li>• The CREWS funding seeks to improve the country’s hydromet services through: <ul style="list-style-type: none"> <li>○ Strengthening institutional, partnerships and regulatory frameworks and capacity building for early warning</li> <li>○ Provision of technical assistance to Mettelsat at national level for early warning procedures and at local level for early warning systems in selected watersheds</li> </ul> </li> </ul>	






	<ul style="list-style-type: none"> <li>○ Development of QMS for aviation meteorology and institutional support on cost recovery from aviation</li> <li>○ Supporting Mettelsat development strategy</li> <li>● The CREWS financing is implemented by the World Bank (US\$2,790,000) and WMO (US\$300,000). Subdivided into two components: <ul style="list-style-type: none"> <li>○ Component A: Institutional and regulatory strengthening, capacity building and implementation support (cost US\$0.95M): (i) strengthening the partnerships between MettelSat, civil protection, RVF and RVA relevant to early warning systems (severe weather, flash flooding); (ii) institutional strengthening; (iii) capacity building</li> <li>○ Component B: Improvement of hydromet information service delivery (cost US\$2.14M) in line with the global framework for climate services. This component supports (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. Thus, the component strengthens the capacity of specific users for optimal use of products and services relevant to early warning systems.</li> </ul> </li> <li>● It leverages the Strengthening Hydro-Meteorological and Climate Services Project, US\$8M (US\$5.3 GEF, US\$2.7M GFDRR).</li> <li>● The delivery of meteorological, hydrological and climate services are under the responsibilities of MettelSat while the early warning responsibilities are under the Directorate for Civil Protection as per their respective mandates.</li> </ul>
<p><b>8. Progress summary</b></p>	<p><b>What has been achieved between (reporting period)? – Please list the most significant and tangible developments?</b></p> <ul style="list-style-type: none"> <li>● Validation of the National Framework for Climate Services in December 2020;</li> <li>● Acquisition of equipment for the safeguard of historic climate data completed. The recruitment of staff for the conversion of analog data to digital (data rescue) is ongoing</li> <li>● Elaboration of a long-term training program for Mettelsat by EAMAC is nearing completion</li> </ul>



## 9. Project Performance

Interpretation of color coding		
	<b>High</b>	Good progress; on track in most or all aspects of delivery
	<b>Medium</b>	Moderate progress or on track in some aspects of delivery
	<b>Low</b>	Less than moderate or poor progress. Not on track in critical areas of its delivery. Requires remedial attention

	Rate of expenditure	Rate of delivery	Alignment of Objectives
<b>Coding</b>			
<b>Narrative</b>	<p>Disbursement December, 2020</p> <p>From WB side: is \$902,041 (35.9% of total amount)</p> <p>From WMO side: \$121,502 in actuals and \$54,354 in obligations</p>	<p>The rate of delivery remains medium due to the impact of COVID-19 to the project. A number of measures are initiated to get the project back on track in most aspects of delivery</p>	<p>The project remains fully aligned to the EWS and Climate risk objectives</p>

## 10. Risk Management Status

<b>Risk Status</b>	<p>What is the current risk status as compared to what was identified in the project proposal?</p> <p>The current risk status of the project is moderate, largely linked to the impact of COVID-19</p>
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<b>Measures to address</b>	<p>What mitigation measures have been developed to address the risk status?</p> <p>Closer monitoring during the COVID and Post COVID eras is envisaged to ensure the delivery of activities. In relation to the low capacity of Mettelsat, the World Bank, WMO and a number of international and local experts are all involved to support the delivery of activities. This includes technical support to the Project Implementation Unit, conducting well-defined training sessions, leading specific studies, among others.</p>

## 11. Contributions to CREWS Output(s)

### 11.1 National Output(s)

#### **CREWS Output(s) 1: National Meteorological and Hydrological Services service delivery improved, including the development of long-term service delivery strategies and development plans**

State Project Output(s) in this section	Overall Project Target	Target for reporting period	Progress by July 2020	Progress by December 2020
Assessment of capacity for early warning of drought, heavy precipitation, river flooding, flash flooding, wind storm and recommendations for improvement	100%	30%	25%	30%
Assessment of user needs (3 stakeholders/users workshops organized)	100%	30%	20%	30%



Development and/or review of memorandums of understanding (MoUs) with users	100%	50%	80%	90%
Implement a capacity development and training program for staff (including operational training for technicians and engineers, meteorologists and hydrologists)	100%	50%	40%	50%
Development of the MettelSat Strategy, Action Plan and Business Plan	100%	40%	40%	50%
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b></p> <p>Most of the targets for this output were met despite a weak institutional capacity. A number of activities are carried out with the support of international experts and learning institutions to strengthen the institutional capacity of Mettelsat as part of the mitigation measures.</p>				

**CREWS Output(s) 2: Risk Information to guide early warning systems and climate and weather service developed and accessible**

State Project Output(s) in this section	Overall Project Target	Target for reporting period	Progress by July 2020	Progress by December 2020
Development of a national risk geoportal and development of hazard, exposure and vulnerability information for flood risk assessment and impact forecasting	100%	80%	80%	80%
Establishment of the National Framework for Climate Services	100%	70%	70%	80%



**Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)**

The establishment of the flood EWS in two watershed pilots (through GEF funding- leveraging) is on track and considerable progress has been achieved in terms of the establishment of the National Framework for Climate Services (NFCS). A workshop that led to the validation of the NFCS was held in December and the promulgation of the NFCS decree is expected in the coming months.

**CREWS Output(s) 3: Information and Communication Technology, including common alerting protocol, strengthened**

State Project Output(s) in this section	Overall Project Target	Target for reporting period	Progress by July 2020	Progress by December 2020
Development of operational procedures to convert extreme weather forecasts (rains, floods, winds, heat waves) in potential impacts	100%	30%	10%	10%
Elaboration of Quality Management Systems for air navigation meteorological services and the recovery of meteorological services rendered to RVA	100%	40%	10%	10%

**Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)**

Little progress has been achieved in terms of the development of the operational procedures to convert extreme weather forecasts in potential impacts during this reporting period. The elaboration of the QSM and the recovery of meteorological services rendered to RVA did not progress as well. The project team is working with the two institutions (Mettelsat and RVA) to ensure that a recovery agreement is met. The elaboration of the QSM for the air navigation is ongoing however no budget is set aside for its regular update. The QMS requires significant investment, including the training of personnel and infrastructure maintenance and this was expected to be covered by the government contribution which has not be secured till todote. The project team is monitoring the availability of these funds for a smooth implementation of this activity.



**CREWS Output(s) 4: Preparedness and response plans with operational procedures that outline early warning dissemination processes developed and accessible**

State Project Output(s) in this section	Overall Project Target	Target for reporting period	Progress by July 2020	Progress by December 2020
Risk mapping and emergency response plans for municipalities including training of operational and decision-making civil servants	100%	40%	20%	0%
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them.</b></p> <p>No significant progress was achieved during this reporting period in terms of preparedness and response plans.</p>				

**CREWS Output(s) 5: Knowledge products and awareness programmes on early warnings developed**

State Project Output(s) in this section	Overall Project Target	Target for reporting period	Progress by July 2020	Progress by December 2020
Community focus groups for flood risk mapping and awareness	100%	40%	30%	30%
Study tour for the 4 institutions contributing to early warning (MettelSat, DPC, RVF, CVM)	100%	0%	0%	0%
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b></p> <p>No Knowledge products or awareness program on early warnings was planned during this period.</p>				



### CREWS Output(s) 6: Gender-sensitive training, capacity building programmes provided

State Project Output(s) in this section	Overall Project Target	Target for reporting period	Progress by July 2020	Progress by December 2020
Women participation in training and decision-making venues sponsored by CREWS	30%	10%	5%	10%
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b></p> <p>The rate of participation of women is still low as beneficiaries of training are generally men. The project remains focused on providing gender-sensitive early warning systems and climate risk information irrespective of the low participation of women.</p>				

### 11.2 Regional Output(s) (for Regional Projects)

#### CREWS Regional Output(s): Institutional and human capacities at Regional WMO and Intergovernmental organizations to provide regional climate and weather services to LDCs and SIDS increased

State Project Output(s) in this section	Overall Project Target	Target for reporting period	Progress by July 2020	Progress by December 2020
Data sharing with the WMO's global data sharing system through the Moroccan Meteorological Service	100%	20%	20%	30%
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b></p>				





## 12. Contributions to Value Propositions

<p><b>Gender Responsive</b></p>	<p><b><i>(How did the project capture relevant gender concerns? For example, including gender-inclusive indicators and targets, reporting on sex-disaggregated data, conduct of gender analysis, involvement of gender and/or women’s organisations, documenting effects on women, men and gender-relations, implementing gender specific actions/activities for women and men.)</i></b></p> <p>This project will target beneficiaries with a gender-disaggregated approach with the understanding that gender shapes the way project beneficiaries will have access, process and respond to warnings and risk information.</p>
<p><b>Multiplier</b></p>	<p><b><i>(How did the project contribute to the promotion of a favorable environment for early warning systems? What additional financing has been leveraged or expected to be mobilized as an effect of the project?)</i></b></p> <p>The project is expected to generate a wider range of benefits to different users, impacting a considerable number of people over its lifecycle through the current leverage from the country’s portfolio (Hydromet Project).</p>
<p><b>People-centered</b></p>	<p><b><i>(Which local organisations have been engaged and what is their level of participation? How did the project ensure the involvement and uptake of end-users?)</i></b></p> <p>The engagement of the local community as end-users and main beneficiaries of the investment is expected to improve their resilience to anticipate, cope and recover from climatic shocks and their access to early warnings and risk information.</p>
<p><b>Promote Coherence</b></p>	<p><b><i>(What are the approaches undertaken to ensure complementarity and value-added of the project with existing projects and other international partner initiatives ? For example, conduct of joint planning, resource sharing, participation in consultations, workshops, meetings organized by partners.)</i></b></p>



	The Project leverages other in-country initiatives with the aim of generating greater value-added while contributing to the effort of improving the delivery of hydro-meteorological and Early Warning Services in DRC.
<b>Solution-oriented</b>	<i>(What good and innovative practices have been produced or are evident in the project?)</i>  The project will generate innovative approaches and tools that will be shared with different user-groups across the country and beyond.
<b>Unique</b>	<i>(How did the project support building sustained institutional capacity driven by countries?)</i>  The project remains aligned to CREWS's value as a financing instrument that builds sustained institutional capacity driven by the expertise and specialist networks of its partners.

### 13. Certification on Use of Resources

This is for authorized representatives from the Implementing Partners to certify that the resources allocated are used for their intended purpose. Please fill one table per Implementing Partner.

Has there been any cases of non-compliance with the financial rules, regulations and procedures of your institution? If yes, please fill below	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Issue	Response Measures Taken	Date of Response	Active/Closed
		Click or tap to enter a date.	Choose an item.
		Click or tap to enter a date.	Choose an item.
		Click or tap to enter a date.	Choose an item.
<b>Institution</b>	Choose an item.		
<b>Firstname, LASTNAME of authorized representative</b>			
<b>Position Title</b>			
<b>Date and Signature:</b>			

<b>Has there been any cases of non-compliance with the financial rules, regulations and procedures of your institution? If yes, please fill below</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<b>Institution</b>	WMO	
<b>Firstname, LASTNAME of authorized representative</b>	Brian COVER	
<b>Position Title</b>	Chief, Finance Division	
<b>Date and Signature:</b>	25 Jan 2021 (see portfolio-wide declaration)	

**14. Visibility products**

*None for this reporting period*

**15. Supporting documents**

*None for this reporting period*