



CREWS PROJECT PROGRESS REPORT (July – December 2020)

1. Project title	Chad – Hydromet and Early Warning Services	2. Project reference CREWS/CProj/11/Chad
3. Implementing Partners involved in the project	World Bank (Lead) World Meteorological Organization	4. Regional/National Partners involved in the project (National Met Agency, Agriculture and Rural Development Agency, Food security Agency, Water Resources Directorate ,Civil Protection Directorate)
5. Project Duration/Timeframe	September 2019 – September 2024	
6. Reporting focal point(s)	Komlan Kounetsron, Senior Operations Officer (kkounetsron@worldbank.org) and Makoto Suwa, Senior DRM Specialist (msuwa@worldbank.org) Jean-Baptiste Migraine, Technical Coordinator (jbmigraine@wmo.int)	
7. Project overview	<p>Please include synergies, leveraging, key project deliverables and total funding in bullet points. (max 250 words)</p> <p>The CREWS project is a Technical Assistance aiming at leveraging a Regional IDA operation that was initially designed to fund up to \$30 million investment for Chad. The objective is to strengthen climate, hydrological and meteorological services to improve forecasting, early warning and disaster response systems.</p> <p>Deliverables are:</p> <ul style="list-style-type: none"> - Capacity assessment and strategic planning - Pilot products for EWS for flood and food security - Community engagement activities - Development of training programs 	









	<p>The original Regional Hydromet project has been redesigned and merged into the Regional “West Africa Food resilience program” currently under preparation, in collaboration with the agriculture team. In Chad, there is a strong collaboration between ANAM the Met Agency and ANADER the agriculture and rural development agency which advocates for addressing climate information and EWS for food security in a coherent way.</p> <p>Total funding: US\$ 3,150,000 (WB: US\$ 1,650,000 / WMO: US\$ 1,500,000)</p>
<p>8. Progress summary</p>	<p>What has been achieved between (reporting period)? – Please list the most significant and tangible developments?</p> <ul style="list-style-type: none"> • Technical Assistance provided to help scope the meteorological, hydrological, and civil protection services and identify opportunities for strengthening its service delivery on hydromet early warning and enhanced emergency response; • Selection of pilot sites, workplan proposed, installation of meteorological stations and training for local communities performed; • Twinning arrangements where entered into with the national met service (ANAM) with MeteoFrance (for climate) and IRD (for hydrology and rainfall measurements); • Consultants were hired to work closely with the civil protection (WB) and meteorological service (WMO) and identify specific recommendations for investment; • Trainings: A data collection, management, exchange and quality monitoring training workshop was organized between 23 June and 2 July 2020; follow-up support to West African NMHSs will be provided in 2021 by Casablanca GISC; A TAMSAT training workshop was organized in July 2020 by UK Reading University; those 2 trainings benefited Chad and were financed by CREWS West Africa • A weekly meeting was organized between the five national institutions, WMO and WB to develop the draft diagnostic report on MHEWS capacities, which is well progressing. A specific report on observing networks and climate databases was developed separately. • A template for the return on experience (RETEX) for 2020 flood experiences was prepared for institutions participating in the project with the objectives of (i) gathering informations regarding



	<p>their management of the flood individually and collectively; and (ii) improving their response (individually & collectively). This template would be inserted in the Diagnostig report under preparation.</p> <ul style="list-style-type: none"> • Preparation for a CREWS Chad knowledge exchange mission to Burkina Faso (in January) to learn from experiences of institutions involved in CREWS Burkina Faso. • A stakeholder mapping exercice for social protection links with food security and Hydromet has started with the drafting of ToRs and exchanges with the Social Protection team
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9. Project Performance

Interpretation of color coding		
	High	Good progress; on track in most or all aspects of delivery
	Medium	Moderate progress or on track in some aspects of delivery
	Low	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
Coding			



Narrative	<p>Disbursement December, 2020</p> <p>From WB side: is \$110,501 (7.4% of total amount)</p> <p>From WMO side: 117,478 USD in actuals + 415,089 in obligations (total 35.5% of total amount)</p>	<p>Several factors have delayed implementation, made it difficult to maintain day-to-day contact with implementing agencies and therefore properly supervise implementation and monitor progress: (i) poor communication network in the country, (ii) travel restrictions; (iii) curfew in N'Djamena; (iv) limited opportunities for face-to-face meetings; (v) limited accessibility of the World Bank office in N'Djamena.</p>	<p>No change has been made to the design of the project, which remains relevant for the Country and fully aligned with both the World Bank Strategy and the National Development Plan.</p>
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10. Risk Management Status

Risk Status	<p>What is the current risk status as compared to what was identified in the project proposal?</p> <p>The risk to achieving project objective is moderate, mainly due to the challenges related to COVID-19. Not only the Task Teams are currently unable to travel but also the activities in-country are limited by prevention measures adopted by the government.</p>
Measures to address	<p>What mitigation measures have been developed to address the risk status?</p> <p>To help project implementation and reduce the impact of COVID-19 on the project, the team is recruiting a local consultant based in West Africa and started the process to recruit a local consultant based in Chad to meet with the client when necessary (providing all measures against the COVID-19 are respected) so as to improve implementation on the ground. A Civil protection expert with a previous experience with the concerned stakeholders in Chad was also hired to advance on activities linked to Early warning and response capacities.</p>



11. Contributions to CREWS Output(s)s

11.1 National Output(s)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
2 reports (one MHEWS and one CHD) - Assessment of institutional capacities of NMHSs, user needs, on-going and planned programs, and socioeconomic benefits of hydromet services and early warning (see draft report)	100%	80%	15%	80%
Delivery of enhanced early warning services in pilot zones	100%	30%	15%	30%

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 crop calendars for assessment of crop exposure and vulnerability depending upon the season (see report)	1	1	1	1

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
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Pilot products for EWS for flood and food security	flood community mapping, awareness campaigns, gender groups	None	None	
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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
Operational procedures and MoUs supporting early warning	3	0	0	

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
Development of training programs in contingency planning of DGPC and other civil protection stakeholders, including simulation exercises with selected communities	Civil protection capacities strengthened through training and simulation exercises	None	None	



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
Number of professionals having participated in trainings, study tours, conferences (of which women)	120 (50%)	10	7	7
Number of village focal points trained in agro-meteorological monitoring	100	20	0	20
<p>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words) Early warning services in Chad are exclusively focused on the impacts of slow-onset events (droughts, locusts) on food security, monitored on a 10-day basis. At the national level, the development of rapid warning services for rapid-onset events such as flooding or storms will require adoption of new procedures, communication protocols and partnership agreement. At the community level, this will have to be translated into specific prevention, preparedness and response capacities, with support and training from the national institutions.</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
<p>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words) The Chad CREWS project does not support regional outputs.</p>				



12. Contributions to Value Propositions

Gender Responsive	Under component 2, the project plans to carry out pilot products for EWS flood and food security including targeted activities community engagement and gender. These activities will be gender informed as they will rely heavily on regional and local community organizations, some of which are led by women and others have major women participation.
Multiplier	The CREWS proposal describes very clearly the limited capacity of agencies benefiting from the CREWS project. This intervention mainly driven by strategic assessments of needs and priority actions will help the agencies not only identify weaknesses but also carry our pilot interventions that could inform current interventions but also could be replicated and expanded with future projects.
People-centered	The CREWS project is primarily a Technical Assistance, aiming to improve and build the capacity of government institutions involved in the full value chain of disaster risk management and reduction. The intervention focuses on providing needed trainings to officials in their areas of expertise, better equipping them to deliver mandated services to their clients.
Promote Coherence	One of the priority actions in the project is to (i) strengthen the multi-agency group on food security (GTP) to harmonize various activities implemented by national institutions to build collaboration, consistency and coherence; (ii) setup a rapid warning process for rapid-onset events, based on anticipation and collaboration
Solution-oriented	The objective of the diagnostic undertaken under the project is to propose practical solutions to the identified weaknesses and gaps. This is done in a participatory approach involving communities in the pilot sites and national institutions.
Unique	The proposed pilot products and activities are tailored to the Chadian context while drawing from regional and international experience.

13. Certification on Use of Resources

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
Institution	WMO		



Firstname, LASTNAME of authorized representative	Brian COVER
Position Title	Chief, Finance Division
Date and Signature:	25 Jan 2021 (see portfolio-wide declaration)

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
Institution	World Bank	
First name, LASTNAME of authorized representative	Henriette Mampuya	
Position Title	Operation officer	
Date and Signature:	27 Jan 2021 (see portfolio-wide declaration)	

To your knowledge, 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 type="checkbox"/> No
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.	
Institution	Choose an item.			
Firstname, LASTNAME of authorized representative				
Position Title				

Date and Signature:	
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14. Visibility products

- a. Insert or copy any links to press releases, videos or communication items and/or social media links*

15. Supporting documents

List and annex to the report any documents providing details on project activities such as reports of training sessions, assessment reports, online solutions and tools, manuals, summaries of high-level discussions etc.

Project inception mission, Sep 2019 ([link](#))

Training on elaboration of crop calendars, Feb 2020 ([link](#))

Implementation arrangement with ANAM Chad, April 2020 ([link](#))

Identification of pilot sites , Aug 2020 ([link](#))

Support plan for communities of the Mailao Tchendjou pilot site, Sep 2020 ([link](#))

Implementation arrangement with IRD, Dec 2020 ([link](#))

Implementation arrangement with Météo France, Dec 2020 ([link](#))

Draft diagnostic report on hydromet and early warning - with return on experience on 2020 flooding event ([link](#))