



## CREWS PROJECT PROGRESS REPORT




(January – June 2021)




<b>1. Project title</b>	Niger - Early Warning Services Modernization	<b>2. Project reference</b> CREWS/CProj/07/ Niger
<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> <ul style="list-style-type: none"> <li>• Ministry of Humanitarian Action and Disaster Risk Management (MAH/GC) which ensures CREWS Coordination</li> <li>• General Directorate of Civil Protection (DGPC)</li> <li>• General Water Resource Directorate/National Hydrologic Directorate (DGRE/DHL)</li> <li>• National Meteorological Directorate (DMN);</li> <li>• Coordination Cell of Early warning system (CC/SAP) of food security</li> <li>• National Agency for Information society (ANSI)</li> </ul>
<b>5. Project Duration/Timeframe</b>	December 2017 – December 2021	
<b>6. Reporting focal point(s)</b>	Claudia Soto, Disaster Risk Management Specialist (WB): <a href="mailto:csoto@worldbank.org">csoto@worldbank.org</a> Pinghouinde Michel Nikiema (WMO): <a href="mailto:pmnikiema@wmo.int">pmnikiema@wmo.int</a>	
<b>7. Project overview</b>	<p><b>Please include synergies, leveraging, key project deliverables and total funding in bullet points. (max 250 words)</b></p> <p><u>Budget:</u> US\$ 2.74 million - implemented by the WB/GFDRR and WMO.</p> <p><u>Leveraging:</u> CREWS Niger is implemented in close synergy with the Niger Disaster Risk Management and Urban Development Project (P145268) and the Climate Smart Agriculture Project (P153420), both financed by IDA, and Climate Information Development and Forecasting (PDIPC) investment project financed by AfDB-AfDF. The CREWS Niger is also informing the preparation of the IDA-financed US\$250M Niger Integrated Urban Development and Multi-sectoral Resilience Project (P175857) planned for board approval in FY22.</p>	

	<p><u>Objective:</u> enhance the food security early warning system, and establish a flood and extreme weather warning service</p>
<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>• Implementation and operationalization of a National Alert Code now effective and officially endorsed (4 implementing decrees) at the national level.</li> <li>• Adoption of the Alert Code by all actors involved in the EW chain of action. Trainings have been provided and continue to ensure knowledge dissemination to local authorities at the national, department and local.</li> <li>• Mass-Training of 600 women leaders on EWS and DRM.</li> <li>• Training of 20 meteorological observers to improve operational capabilities in Niger to produce and deliver warnings services in AGRHYMET (Observers are monitoring and reporting meteorological data and give hints about the impact and possible damages of (localized) severe weather events)</li> <li>• Appropriation of the Platform for Assessment Disaster Risk and Environment (PADRE) database with online platform (<a href="http://www.risques-niger.ne">www.risques-niger.ne</a>) by technicians from the Ministry of Humanitarian Action and DRM. This open-source platform enables data sharing across decentralized/deconcentrated levels, as well as between institutions at all levels. It also enables the overlay of official data with international/regional datasets.</li> <li>• Improvement of monitoring bulletins as part of the food security National EWS.</li> <li>• Development and broadcasting of a flood awareness spot in several languages (French, Hausa, Tamadjeck and djerma) to support MAH/GC efforts.</li> <li>• Development and broadcasting of a COVID-19 awareness spot.</li> <li>• The 2020 flooding in Niger were exceptional in terms of severity and scope (557,800 people in 69,407 households affected by the 2020 floods, including 80 deaths). Thanks to the early warning system in place, loss of lives were limited, particularly in urban areas.</li> <li>• Concertation with stakeholders to do a “Diagnostic and modernization plan of weather, climate, water and early warning services in Niger”, development of ToRs and procurement of firms for the diagnostic</li> <li>• Re-broadcasting of a TV spot related to the response to Floods in several languages (French, Hausa, Tamadjeck and Djerma) to support MAH/GC's awareness efforts during the period of December-January-February of the Niger River in Niamey rising waters</li> <li>• Agroclimate indices An Agreement was signed on 18 May 2021 with WeatherForce (see <a href="#">Agreement</a>) to ensure better computation and delivery of agroclimate indices to 5 national meteorological services, including DMN-Niger</li> </ul>

	<ul style="list-style-type: none"> <li>Terms of reference under validation for Recruitment of consultants for drafting of a strategic and action plan for the National Meteorological and Hydrological Services (NMHS) in Niger</li> </ul>
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## 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>	Disbursement December, 2020 From WB side: is \$1,71 Million (76.25% of total amount) From WMO side: \$ 108788 in actuals + \$117,738 in obligations (91% of total amount)	<ul style="list-style-type: none"> <li>Postponing of certain activities due to COVID-19</li> <li>Difficulties also in the development of certain types of ToRs by national actors</li> </ul>	Fully aligned on the EWS objectives as well as the country development priority.

## 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><b>Medium/Moderate:</b> In addition to difficulties to implement some activities because of limited capacity, the COVID-19 situation caused additional delays on implementation of main activities started in 2020.</p>
<b>Measures to address</b>	<p><b>What mitigation measures have been developed to address the risk status?</b> : As it is difficult to develop certain activities which need to gather or bring many people together, it will be necessary to identify those which need only to hire the short-term consultant (STC) at local level. The Country Management Unit granted authorization to relaunch</p>



	certain training planned by DGPC and CC/SAP that had been postponed due to the Covid-19 pandemic measures. These will take place during the second semester of 2021. Already scheduled trainings with validated ToRs are planned to utilize these resources by December 2021. As a reminder, this was just suspended due to the Covid-19 pandemic.
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## 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
<b>Output 1.1:</b> Availability of improved daily weather forecast bulletins by Hydro and Met services. These should include forecasts of extreme weather and droughts by the National Directorate for Meteorology (DMN) and of floods and low flows in the Niger and Komadougou Rivers by the Directorate of Hydrology (DHY).	3	2	2	2
<b>Output 1.2:</b> <i>Enhanced capacity of DMN and DHY services in data analysis and processing</i>	3	2	2	0
<b>Output 1.3:</b> Enhanced capacity of DMN in meteorological and climate observing, by training of observers in codes and observations, measurements in altitude, cartography, IT and airport practical training (number of observers trained)	20	20	0	20
<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>Despite the negative impact of Covid-19 pandemic, two national services (Direction de la Meteorologie Nationale (DMN), and Direction de l'Hydrologie (DHL) continue to produce regular forecast bulletins to inform public and authorities for decision making. However, the capacity building of technicians of DMN and DHL activity which require travel on broad is postponed.</p> <p>In relation with 1.3, training of observers in Niger had not taken place over the last 20 years. AGRHYMET organized the training and EAMAC provides the certification. This is of paramount importance to the National Meteorological Service, which is undergoing a large modernization project with support from PDIPC (Africa Development Bank) and PASEC (World Bank).</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
<b>Output 2.1:</b> National communication strategy	Strategy document	ToR	ToR	ToR
<b>Output 2.2:</b> National communication plan		Plan of Communication document	Plan of Communication document	not started
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b>            The MAH/GC designed a communication plan including overall themes on floods prevention and other types of disasters and how to respond to a disaster when it appears. Some activities planned in this document were supported and implemented by CREWS, such as the awareness campaign for floods response. This communication Plan of actions was established with the support of the Lux Development cooperation based in Niamey.</p>				

**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
<b>Output 3.1:</b> Availability and access to a communication system to deliver timely and adequate alert to vulnerable communities based on the national alert code	Wide diffusion of the national alert code	Contract with media	contract with media achieved	Spot for awareness on flood produced in several local languages and broadcasted
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b>            Following the Covid-19 pandemic outbreak, CREWS supported the Ministry of Humanitarian action and Disaster Management (MAH/GC in French) for the production in several local languages (haoussa, Djerma, Tamadjeck and Kanuri) of awareness spots on flood and Covid-19 pandemic. Those spots were broadcasted on the National medias, including national Television Channel for four months. In the period of December 2020-to February 2021, those spots were broadcasted again to prevent population against the probable consequences of the second floods which could happen.</p>				

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

<b>State Project Output(s) in this section</b>	<b>Overall Project Target</b>	<b>Target for reporting period</b>	<b>Progress by July 2020</b>	<b>Progress by December 2020</b>
<b>Output 4.1:</b> Establishment of operational center for Monitoring and Conduct of Crises (COVACC) and the adoption of the national alert code	COVACC is operational	COVACC is operational	COVACC is operational	COVACC is operational
<b>Output 4.2:</b> Training workshop on Communal Preparedness Planning		2 regions and 97 mayors trained	265 mayors	Postponed due to COVID-19
<b>Output 4.3:</b> Training workshop on Disaster local impact assessment	The capacity of the 66 local team enhanced	The capacity of the 66 local team enhanced	The capacity of the 66 local team enhanced	Postponed due to COVID-19
<b>Output 4.4</b> Operational Center for Monitoring and Conduct of Crises (COVACC)		IT solutions to be implemented in COVACC and COCs	IT solutions to be implemented in COVACC and COCs	What is the status?
<b>Output 4.5</b> Multi-risk Contingency plan established		ToR	ToR adopted	Not started due to Covid-19
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them.</b>            Several activities planned by the DGPC were postponed due to the travel restrictions by the Government of Niger, thus all international consultant missions were cancelled. Since March 2020 with the travel ban due to Covid-19 pandemic, those activities remain postponed until further notice. The mitigation approach is to investigate at the national level if this structure could identify a local consultant who could help with those activities with remote support from International consultants. The training workshops on Communal Preparedness Planning and Disaster local impact could resume in the second semester of 2021 after the restrictions applied due to the COVID-19 pandemic are lifted. The ToRs for the Multi-risk Contingency plan are ongoing.</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
<b>Output 5.1:</b> <i>Organizing a study trip on Tunisia to explore a model of a CRIMSON solution</i>		Five actors have visited Tunisia model	ToR and trip postponing	Trip postponed
<b>Output 5.2:</b> <i>Development of skits and other products for awareness and flood warning by MAH/GC</i>	At least two products developed		Two products	Spot produced in several local language and broadcasted
	Kit for prevention of Covid-19.		12 municipalities supported and all of the women leader for DRM Group of the 8 regions of Niger	12 municipalities supported 11 groups of women DRM leaders
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b>            Despite the Covid-19 pandemic, the MAH/GC had produced in several local languages (haoussa, Djerma, Tamadjeck and Kanuri) awareness spots on flood and prevention of Covid-19 pandemic. Those spots were broadcasted on the National Television Channel for four months. Regarding Covid-19, twelve municipalities have received a full kit of prevention to Covid-19 and all of the women DRM leaders Group established have their capacities reinforced.</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
<b>Output 6.1:</b> Women training on EWS and disaster risk management	500 women trained and sensitized	Training modules and women leaders identified	600 women trained in 8 regions of Niger - achieved	Achieved
<b>Output 6.2:</b> Training on improving the presentation of television bulletins by DMN	5	5	5	Achieved
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b>            These 600 women leaders trained on the DRM across the 8 regions, continue to exchange via WhatsApp group on DRM-early warning system. Recently, they have posted and commented on the two spots produced for awareness on flood and Covid-19.</p>				

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

<b>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</b>				
<b>State Project Output(s) in this section</b>	<b>Overall Project Target</b>	<b>Target for reporting period</b>	<b>Progress by July 2020</b>	<b>Progress by December 2020</b>
N/A	N/A	N/A	N/A	N/A
<b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them. (150 to 200 words)</b> N/A				

## 12. Contributions to Value Propositions

<b>Gender Responsive</b>	<p><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></p> <p>Gender aspect is taken into consideration even at a higher level; due to the exceptional result of 600 women leaders trained on EWS and disaster risk management with CREWS as requested by the Ministry of Humanitarian affairs and Disaster Management. The results of this activities will inform the design of the PIDUREM project under preparation, with regards to gender aspects.</p>
<b>Multiplier</b>	<p><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></p> <p>CREWS is complementary to Niger Disaster Risk Management and Urban Development which provided equipment to agencies involved in EWS in Niger. This investment project had just received an additional financing to scale up the activities.</p>
<b>People-centered</b>	<p><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></p>





	<p>Most of the activities supported by CREWS in Niger aim on strengthening people’s capacities, training, study tour, etc.</p> <p>User engagement is an important aspect of the design of the project although the current global pandemic has made it challenging to conduct on-the-ground consultation to date.</p>
<b>Promote Coherence</b>	<p><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></p> <p>CREWS Niger is aligned with the Country development programs and the World Bank Country Partnership Framework. Coordination with international partners active in the hydromet domain in Niger is key to ensuring effective use of funds and sustainability. WMO and WB are actively coordinating with those partners through bi-lateral meetings and workshops to understand their on-going and planned activities and inform them about our plan to seek complementarity and avoid duplication</p>
<b>Solution-oriented</b>	<p><i>(What good and innovative practices have been produced or are evident in the project?)</i></p> <p>Studies and trainings oriented to meet country needs relating to CREWS objectives, in particular regarding data collection and management, capacity building and improved interinstitutional coordination at the national, regional and local levels.</p>
<b>Unique</b>	<p><i>(How did the project support building sustained institutional capacity driven by countries?)</i></p> <p>It’s complementary to the other initiatives but focused on capacity development in line with CREWS objectives. The Project provides a unique interinstitutional and technical platform allowing stakeholders to increase capacities and share knowledge on a common subject.</p>

### 13. Visibility products

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

[https://worldbankgroup-my.sharepoint.com/:v:/r/personal/imiko\\_worldbank\\_org/Documents/Illya%20OD/VID-20200318-WA0021.mp4?csf=1&web=1&e=x1KI08](https://worldbankgroup-my.sharepoint.com/:v:/r/personal/imiko_worldbank_org/Documents/Illya%20OD/VID-20200318-WA0021.mp4?csf=1&web=1&e=x1KI08)

[https://worldbankgroup-my.sharepoint.com/:v:/r/personal/imiko\\_worldbank\\_org/Documents/Illya%20OD/Spot%20flood%20MAH-GC.mp4?csf=1&web=1&e=jvzL9T](https://worldbankgroup-my.sharepoint.com/:v:/r/personal/imiko_worldbank_org/Documents/Illya%20OD/Spot%20flood%20MAH-GC.mp4?csf=1&web=1&e=jvzL9T)



[https://worldbankgroup-my.sharepoint.com/:v:/r/personal/imiko\\_worldbank\\_org/Documents/Illya%20OD/Spot%20COVID-19%20MAH-GC.mp4?csf=1&web=1&e=pbh1OB](https://worldbankgroup-my.sharepoint.com/:v:/r/personal/imiko_worldbank_org/Documents/Illya%20OD/Spot%20COVID-19%20MAH-GC.mp4?csf=1&web=1&e=pbh1OB)

[www.risques-niger.ne](http://www.risques-niger.ne)

## 14. Supporting documents

- a. *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.*

[https://worldbankgroup-my.sharepoint.com/:b:/r/personal/khounkpe\\_worldbank\\_org/Documents/Mes%20Missions%20Ext/WASCAL/Deliverable\\_D2b\\_Niger\\_vFinal\\_21.12.2020.pdf?csf=1&web=1&e=wBODth](https://worldbankgroup-my.sharepoint.com/:b:/r/personal/khounkpe_worldbank_org/Documents/Mes%20Missions%20Ext/WASCAL/Deliverable_D2b_Niger_vFinal_21.12.2020.pdf?csf=1&web=1&e=wBODth)

[https://worldbankgroup-my.sharepoint.com/:b:/r/personal/khounkpe\\_worldbank\\_org/Documents/Mes%20Missions%20Ext/WASCAL/Project%20Staff\\_%20from%20Technical\\_Prososal\\_WASCAL\\_29.05..2019\\_final.pdf?csf=1&web=1&e=fwZOIT](https://worldbankgroup-my.sharepoint.com/:b:/r/personal/khounkpe_worldbank_org/Documents/Mes%20Missions%20Ext/WASCAL/Project%20Staff_%20from%20Technical_Prososal_WASCAL_29.05..2019_final.pdf?csf=1&web=1&e=fwZOIT)