



## CREWS PROJECT PROGRESS REPORT

(July – December 2020)

1. Project title	Togo - Hydromet and Early Warning Services	2. Project reference CREWS/CProj/12/Togo
3. Implementing Partners involved in the project	World Bank (Lead) World Meteorological Organization	4. Regional/National Partners involved in the project National Civil Protection Agency(ANPC) General Directorate of National Meteorology (DGMN) Water Resources Department (DRE)
5. Project Duration/Timeframe	September 2019 – September 2024	
6. Reporting focal point(s)	Koffi Hounkpe, <a href="mailto:khounkpe@worldbank.org">khounkpe@worldbank.org</a> Tania Gascon, <a href="mailto:taniagascon@wmo.int">taniagascon@wmo.int</a>	
7. Project overview	<p><b>Please include synergies, leveraging, key project deliverables and total funding in bullet points. (max 250 words)</b></p> <p><u>Budget</u>: \$ 2,250 million - implemented by the WB (\$ 1,150,000) and WMO (\$ 1,100,000).</p> <p><u>Leveraging</u>: CREWS resources will help building local capacities to improve and take full advantage of system financed by previous initiative (e.g. World Bank ) and significantly contribute to global best practices and state of the art approaches.</p> <p><u>Objective</u>: to improve the country’s early warning services for drought, flooding and other severe climate and weather events by enhancing the capacities of national services in charge of meteorology and climate; hydrology; civil protection.</p>	



	<p><u>Main activities:</u></p> <p>Component A. Strengthening hydrological and meteorological services</p> <ul style="list-style-type: none"> <li>a. Provision of scientific and technical advice to the meteorological and hydrological services for feasibility studies, quality management framework (QMF), operation and maintenance support, diagnostics, training plans, identification of technical specifications for equipment and organization of services</li> <li>b. Support to climate watch service for enhanced seasonal and sub seasonal forecasting and decision support for agriculture and pastoralism at national level; service provision to smallholder producers in pilot sites in different climate areas</li> <li>c. Support to the development of a capacity building plan and carrying out of trainings (in partnership with one of the regional or global centers, such as CILSS/AGRHYMET, EAMAC, University of Lomé, WASCAL)</li> <li>d. Support the design and carrying out of piloting products for EWS for flood and food security in a selected area</li> <li>e. Direct support (transfer of funds to beneficiaries through DGMN) to project beneficiaries for small equipment, missions, workshops, recruitment of a Project Manager</li> <li>f. Undertake a capacity assessment, strategic development and business development plan (potential partial cost-recovery initiatives) for integrated hydromet service, with a specific focus on sustainability and inter-ministerial coordination</li> </ul> <p>Component B. Civil protection, emergency management, disaster risk reduction, community support and last-mile service delivery</p> <ul style="list-style-type: none"> <li>a. Support the design and carrying out of piloting products for EWS: flood and drought in selected priority area(s), in collaboration with other projects, such as the WMO Volta Basin Project and World Bank activities on urban resilience and the potential regional hydromet project in West Africa</li> <li>b. Support for development of national operational procedures for multi-hazard warning (early warning for drought, food security and nutrition, rapid warning and the alert)</li> <li>c. Institutional support and training in contingency planning of ANPC and other civil protection stakeholders, including simulation exercises with selected communities</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>• Support provided to the Government of Togo to <b>evaluate 2020 flood impact in Savane region</b>;</li> <li>• Preparation of <b>Terms of References for a national assessment on Multi-Hazard Early Warning System (MHEWS) capacities</b>.</li> <li>• <b>DRAFT report on the assessment on MHEWS</b> with contribution of DMGN, DRE, ANPC;</li> <li>• Proposed methodological process to monitor the implementation of the action plan for the <b>National Framework for Climate Services (NFCS)</b> ;</li> <li>• Coordination with CADRI to complement the <b>assessment report on MHEWS capacities</b> based on the diagnostic on capacity on disaster risk reduction;</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
Coding			



<b>Narrative</b>	<p>Disbursement December, 2020</p> <p>From WB side: is \$23,839 (2% of total amount)</p> <p>From WMO side: Commitment on December 2020 is \$ 76,754 actuals and \$ 354,338 obligations, total \$ 431,092 (44% of total amount).</p>	<p>The project started well and rate of delivery is good despite COVID-19</p>	<p>The CREWS project is fully aligned on the EWS objectives as well as the country development priority highlighted in the National Development Plan covering the period 2018-2022.</p>
<p>With covid-19 outbreak, workshops and activities which involve many people were suspended. The Management has just given a waiver for workshops and other activities gathering 15 people. Thus many activities planned will resume the implementation very shortly.</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 is high as activities to strengthen forecasting models in watersheds have not yet been fully implemented. In addition, the implementation of a flood forecasting model in the coastal basin has not started, which exposes the populations to the risk of flooding which is expected to be more recurrent. Also, the resilience capacity of the populations remains weak due to the lack of implementation of several activities.</p> <p>The following activities have been impacted by COVID-19:</p> <ul style="list-style-type: none"> <li>(i) support for the establishment of a multi-sectoral DRR monitoring and evaluation tool;</li> <li>(ii) development of sectoral rapid evacuation community plans including the coastal area;</li> <li>(iii) Expert mission for surveys on climate, meteorological and hydrological and warning related services in Lomé, under coordination by World Bank and WMO;</li> <li>(iv) Capacity building of mayors and municipal councilors on DRM</li> <li>(v) Training for meteorological and hydrological observers in the countryside.</li> </ul>
<b>Measures to address</b>	<p>What mitigation measures have been developed to address the risk status?</p>



	<p>World Bank and WMO have guided the ANPC, DGMN, and DRE in the preparation of ToRs through documents developed in shared online files. The activities related to ANPC will be implemented based on the waiver provided the Management. The experts consultations and surveys have been organized through video conferences and the face to face trainings were moved to 2021.</p> <p>The consultations and surveys have been organized through video conferences and the live trainings were moved to 2021.</p> <p>Working session with the participation of all project focal points have been organized for the identification of experts, consultants and the preparation of consultation plans for the assessment interviews.</p>
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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
Number of NMHS service delivery strategies and development plans (Percentage of new NMHS service delivery strategies and development plans that include specific gender provisions)	100 %	50 %	20%	<b>50 %</b>
<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 intermittent relaxation of the constraints linked to the COVID-19 since the end of September, the number of contamination continues to increase in Togo, which delayed the d implementation of some activities planned for 2020. However, the workplan is under revision, it is expected to concentrate technical assistance to improve or develop tools and process for interpretation and analysis of</p>				



hydrometeorological risk in 2021. Activities that request field missions or community assistance will be privileged from the second half of the current year.

An assessment in capabilities and needs on MHEWS is under preparation this will allow to develop action plans to improve services delivering related to the MHEWS. (See: [report](#))

The development of action plans for the improvement of services delivery related to the MHEWS has been planned. This includes services related to: climate prediction and weather forecasting, and will be guided by ANACIM (RSMC Dakar), hydrological forecasting and warning services, which includes the development of a methodology to integrate flood forecasting systems at national level and develop EWS at pilot basin. It is intended that the initial developments can be leveraged with the regional FRPS project in preparation

**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
Number of risk assessments developed in pilot areas (% including gender specific considerations)	100%	50%	10 %	50%

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

CREWS has established a baseline and set up the project overall target to be followed up during the project whole cycle. It is relevant to note that CREWS will be complementary and capitalize on existing works such Flood Early Warning System (FEWS) in Oti River basin in the half north, and FUNES on Mono River basin in the half south part of the country. CREWS will also act in synergies with FANFAR system and WMO-VoltAlarm (under development) to harmonize current flood forecasting solutions at national level.



During this period, the national institutions prepared technical notes to describe the existing mechanisms and products related to meteorological and hydrological risks, the latter mainly related to seasonal floods. In addition an analysis was planned to identify the needs of users of information related to climate, meteorological and hydrological risk in order to improve the available products.

### 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
Number of common alerting protocols strengthened	1	0	0	0

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

The Flood Early Warning System (FEWS) implemented in Oti basins is used to monitor and forecast flooding, and establish warning. The information has enable the Ministry in charge of civil protection to issue floods alert in the Oti river basin.

During the last six months, exchanges were initiated with CADRI team on their assessment recommendations and a compilation of recommendation from the GFCS, in order to identify those related to the strengthening of communication and alert protocols. It was shown that under CREWS an action plan should be developed to progressively improve interinstitutional communications, including adapted technology and modernized infrastructure. It was also highlighted that there is a need to initiate the review of the existing communication protocols. A potential common alerting protocol could be included in the pilot EWS for flood to be developed under CREWS Togo.

### 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
Number of contingency and emergency plans informed with operational procedures	1	0	0	0
<p><b>Narrative: briefly indicate the major issues or challenges faced and mitigation steps taken to addressing them.</b>            The major issue according to the preparedness and response plans remains to be the constraint due to the pandemic. As for now, the process that has started in the beginning of the CREWS initiative is still pending.</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
Number of people receiving risk awareness information through knowledge products, workshops and other communication means, disaggregated by gender (%)	TBD based on selected pilot area	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>            The implementation of these activities planned for 2020 has been affected by COVID-19. . However, the FEWS forecasting during the months of September and October 2020 has allow the Ministry of Security and Civil Protection to issued a flood warning bulletin for the basin of Oti river. This has enabled certain farmers in particular to proceed to early harvest and avoid the total loss of their crop.</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
Number of gender-sensitive training provided	TBD based on training plan	30%0	0	30%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>In order to quickly start activities, the Bank has just given its non-objection notice for the implementation of the activity on strengthening the capacity of groups of women leaders in the 2 regions of the country where the disaster risk prevalence rates are the highest.</p> <p>The DGMN, DRE, ANPC started to identified common training that with contribute to understand the information provided by meteorological and hydrological sytems, and the identification of vulnerables areas. It was preparedToRs for a training session on SIG for hydrological analysis and flood risk identification. This training represent a second phase of an initial training supported by Work Bank in 2018.</p>				

### 11.2 Regional Output(s)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><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>Togo has established in 2012 two groups of Women Leaders for disaster risk management in the country two regions most prone to flood, the Maritime and Savanes regions. Each group comprises 25 persons. CREWS Togo will support these women leaders' groups to increase their activities mainly the awareness campaign on disaster risk reduction.</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>Togo already has an early warning system based the Strengthening Flood Management downstream Nangbeto Dam on the Mono river using a forecast model (FUNES), and the Volta Basin project which supports a trans-border early warning system for the Oti River in Ghana and Togo (FEWS-Oti). CREWS Togo will finance the assessments of the county needs, gaps, strengths and weaknesses, which will propose a methodological approach based on an integration and complementarity of existing support systems for flood forecasting. This will include the development of new systems in pilot basins vulnerable to different types of floods. The target is provide the national institutions an integrated framework for flood monitoring and forecasting..</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>Most activities supported by CREWS in Togo are people centered: training, study and study tour, etc. will be considered on the interpretation of hydrometeorological forecasts with users from different sectors such as: civil protection, dam managers, communities. As well as training on preparedness and responses in hydrometeorological risk management for local actors such as municipalities, and communities. These activities will be structured according to the recommendations indicated by previous and on-going diagnoses in related areas. In this context, several activities will be implemented with local communities. These include the mapping</p>



	<p>of end users of hydromet services, revitalization and capacity building of groups of women leaders on disaster risk management and early warning system, capacity building of mayors and municipal councilors, development of risk maps at the level community, sensitization of populations in areas at risk, development and integration of guide documents on disaster risks in school curricula, capacity building of public and private media on disaster risk issues as well as the availability of data related to disaster risks in real time on the ANPC web portal.</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> <p>CREWS Togo is aligned on the National development Plan (PND), the national Global Framework for Climate Service, and the World Bank Country Partnership Framework. CREWS Togo will acts in synergie with WACA initiative and also with the FRPS project under preparation by Work Bank.</p>
<p><b>Solution-oriented</b></p>	<p><b><i>(What good and innovative practices have been produced or are evident in the project?)</i></b></p> <p>CREWS Togo is aligned on the National development Plan (PND) and the World Bank Country Partnership Framework.</p> <p>CREWS Togo will introduce a framework to progressively improve multi-hazard alert systems, through the creation of integrated systems for meteorological and hydrological forecasts and processes that contribute to improving preparedness and responses to extreme and seasonal hydrometeorological events.</p>
<p><b>Unique</b></p>	<p><b><i>(How did the project support building sustained institutional capacity driven by countries?)</i></b></p> <p>CREWS Togo mobilizes the expertise of national, regional and international experts and centers to implement integrated approaches and build plans that progressively improve operational capacities in climate,</p>



	<p>meteorological, hydrological and warning services. Synergies with existing and ongoing projects are considered a priority to guarantee a complementary effort and the durability of introduced practices.</p> <p>The project is complementary to the other initiatives/partners in the country but focused on capacity development in line with CREWS objectives.</p>
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### 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.

<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)	

<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 type="checkbox"/> No
<b>Issue</b>	<b>Response Measures Taken</b>	<b>Date of Response</b>	<b>Active/Closed</b>



		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>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</b>			<input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>
<b>Issue</b>	<b>Response Measures Taken</b>	<b>Date of Response</b>	<b>Active/Closed</b>
		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>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</b>			<input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>
<b>Issue</b>	<b>Response Measures Taken</b>	<b>Date of Response</b>	<b>Active/Closed</b>
		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>	

#### 14. Visibility products

- a. *Insert or copy any links to press releases, videos or communication items and/or social media links*  
<https://www.facebook.com/anpc.togo.3/posts/497562147745313>  
<https://www.facebook.com/anpc.togo.3/posts/497563441078517>  
<https://anpctogo.tg/urgent-urgent-urgent/>  
<https://anpctogo.tg/atelier-de-restitution-cadri-anpc/>

#### 15. 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.*