



CREWS PROJECT PROGRESS REPORT

(July - December 2023)

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 (WMO)	4. Operational Partners involved in the project National Civil Protection Agency(ANPC) General Directorate of National Meteorology (DGMM) (Nouvelle Agence de la Meteorologie Nationale, ANAMET)Water Resources Department (DRE)
5. Project Duration/Timeframe (from year – to year)	September 2019 – September 2024	6. Total Funding Approved by Steering Committee (in US dollars), including fees 2,365,000
7. Reporting focal point(s) from Implementing Partners	Koffi Hounkpe, khounkpe@worldbank.org Tania Gascon, taniagascon@wmo.int	

<p>8. Project overview</p>	<p>Please include objectives, key project deliverables, leveraging, contextual information/statistics, significant events during the reporting period <u>in bullet points</u>. (max 250 words)</p> <p><u>Objective:</u> To improve the country’s EWS 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>Key Deliverables:</u></p> <ul style="list-style-type: none"> • ANAMET national strategic plan (NSP) developed. • Monitoring and evaluation tool and methodologies for the Togo NFCS developed. • Feasibility study on enhancement infrastructures for the development of NMS (ANAMET) developed. • Report of seasonal forecasting and agro-hydro-climate rainfall characteristics in the Southern of Togo. • ANAMET web site developed and training for IT staff delivered. https://www.anamet-togo.com/ • Minor equipment /services purchased-ANAMET (server inverter CLIDATA, web site domain, internet fees) • Minor equipment purchased-DRE (1 laptop). • Training report on seasonal hydrological flood forecasting (data processing) • 42 local awareness sessions on flood risks held. • 18 radio and television awareness programs on flood risks disseminated. • 3 risk assessment plans developed. • Firm recruited to develop a flood mitigation study in greater Lomé • 4 severe weather alert disseminated through the CAP • Development with Anamet of a roadmap for PPE strategy <p><u>Significant events during the reporting period:</u></p> <ul style="list-style-type: none"> • Training on the use of ANAMET web site, Aug 2023 (Guides). • Weekly training on seasonal forecasting during raining season, May-Sep 2023 (https://misva.aeris-data.fr/) • Consultation workshop on preparation of ANAMET NSP, Jul 2023 (Concept note). • Validation workshop of the NFCS’s monitoring and evaluation methodology of Togo, Sep 2023 (Article).
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	<ul style="list-style-type: none"> • Workshop on dissemination of seasonal forecasting in the Southern of Togo (PRESAGG), Badou Sep 2023 (Article). • Training workshop on the use of the NFCS monitoring and validation tool, Oct 2023 (Report). • Validation workshop of the ANAMET's PNS, Oct 2023 (Report). • Launching of awareness campaign in Lomé • Workshop PPE strategy and roadmap organized by ANAMET and partners on November 2023 (reportChapter3.4)
<p>9. Progress summary</p>	<p>What has been achieved <u>during this reporting period?</u> – Please list <u>in bullet points</u> the most significant and tangible outcomes? (max 250 words)</p> <p>ANAMET has significantly strengthened its institutional capacities with the creation of a PNS and actions that will allow it to guide the development of services. It is the first country in Africa that has developed a monitoring and follow-up system for the CSNS action plan, this will allow them to be more strategic to develop climate services for priority sectors of Togo.</p> <p>ANAMET considerably improved the information and climatic products provided for agricultural practices, with support in training and technical assistance on subseasonal forecasting from MISVA. They have also improved the dissemination of these products through pedagogical technical notes, supported by the FSRP project. ANAMET also benefitted from the help of the CREWS, for the development of a template for a PPE strategy/roadmap, based on the experiences in Togo and other WA countries, to leverage learnings and reduce operational costs in subsequent implementations.</p>



	<p>The DRE has begun to improve seasonal hydrological forecasting, the first training sessions have been provided to hydrologists, meteorologists and civil protection agents.</p> <p>The period also allowed the completion of the 3 risk assessment plans for the Tsévié regional hospital center, the Hédzranawoé market and the Lycée February 2.</p>
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10. 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 as of December 2023</p> <p>From WB side: Disbursed: USD 668,555 Committed: USD 230,000</p> <p>From WMO side: Disbursed: USD 522,591 Committed: USD 253, 819</p>	<p>The delivery rate is increasing due to direct support through missions (technical/training/capacity building) and new partners/experts hired to provide direct support in Togo.</p>	<p>The goals of the CREWS project is fully aligned to the priorities of the National Strategy of Disaster Risk Reduction (2023-2027) and the Government's 2020-2025 roadmap for socio-economic development.</p>

11. Risk Status

<p>Risk Status</p>	<p>What is the current risk status as compared to what was identified in the project proposal?</p> <p>Sanitary risks (associated with COVID) were not considered in the project proposal. These introduced important delays from the beginning of the project implementation, especially on Civil Protection ground activities. However, in 2023 it has been surpassed, and the related risk could be considered moderate to low.</p> <p>In relation to the risks initially considered, the status is as follows:</p> <ul style="list-style-type: none"> • Limited technical capacity The technical and operational capacity of the ANAMET, DRE, ANPC have been improved with the support of CREWS Togo. Qualified expertise at national, regional and global level has been mobilized to provide technical assistance and trainings. Improvements have been identified on climate risk and EWS, for instance ANAMET generates more accurate agrometeorological forecasting, DRE is improving hydrological seasonal forecasting and ANPC is building community vulnerability maps, as well as planning and response at the local level. <p>However, the limited staff (only 2 short terms technicians) availability at the DRE has caused delays in the implementation of hydrological activities and training.</p> <ul style="list-style-type: none"> • Limited financial capacity There has been an increase in financial support from the ANAMET ministry, for example, it has validated a PIP request (supported by CREWS) to obtain additional financing to improve infrastructures and weather systems. The DRE requires urgent financial support from its Ministry, mainly for hiring qualified personnel. This continues to represent a risk in the project. <p>The national institutions have contributed to increase the coordination between projects supporting Togo. It has facilitated the preparation of national implementation in coordination with other project teams., such as FSRP.</p>
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	<p>In this period, there have been evidences of risks associated with terrorism that limit the strengthening of capacities at the community level, for example, the <u>organization of training and strengthen capacity activities in the Savannah region are limited due to insecurity and risk related to terrorist attack and the expansion of the Sahel crisis with the displacement of population fleeing from terrorist attack in Burkina Faso is of concern to municipality authorities.</u></p>
<p>Measures to address</p>	<p>What mitigation measures have been developed to address the risk status? In bullet points</p> <p>To date, the mitigation measures taken with the national actors in the implementation of the CREWS project are:</p> <p><u>On security risks</u></p> <ul style="list-style-type: none"> • Organization of training in secured regions (Kara, Central, Plateau and Maritime) <p><u>On sanitary risks</u></p> <ul style="list-style-type: none"> • combinaison of online nad face to face workshops and training. • strengthening awareness of barrier measures. <p><u>On limited technical capability</u></p> <ul style="list-style-type: none"> • increased direct technical support to institutions through the engagement of national and local specialists which have speed up the implementation of activites • integration of training in each technical support provided by partners, experts • consolidation of integrated platforms for agriculture monitoring , including local observations, climate products and agriculture indicators • Move hydrological training plan until having additional staff available at the DRE. <p><u>On limited financial capability</u></p> <ul style="list-style-type: none"> • WB and WMO have been working in the preparation of request for finanial extension of CREWS Togo in order to access additional resources to continue supporting warning services development. <p><u>Others, sush as coordination /harmonization of programmes, projects activities</u></p> <ul style="list-style-type: none"> • Grouping of national institutions and related actors for the development of TdRs • Support national institutions in analyzing synergies and preparing activities for other programmes, initiatives.



12. Contributions to CREWS Output(s)

(use number for activities and products and % for project component completion)

12.1 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	Progress by June 2023	Target for reporting period	Progress by December 2023
Number of NMHS service delivery strategies and development plans (Percentage of new NMHS service delivery strategies and development plans that include specific gender provisions)	2	1 initiated (This on the development of the ANAMET institutional strategic plan)		1 NSP for ANAMET developed

Additional information: briefly indicate, with concrete examples, the contributions to CREWS value propositions (gender-responsive, multiplier, people-centered, promote coherence, solution-oriented, unique), as relevant (150 – 200 words). Please list in bullet points.

Among other activities that contribute oriented-solutions were:

Weather and climate forecast and related services

- Development of the ANAMET National Strategic Plan to guide the development of climate and meteorological services.
- Development of the study of the ANAMET Public Investment Program (PIP) to support modernization os infrastructures
- Development of monitoring and evaluation of NFCS action plan to guide the development of climate services for priority climate sensitivy sectors in Togo (Agrilculture, Health, Water Ressources, DRR, BTP)
- Dissemination of seasonal forecast results (PRESAGG) at Badou throuhg a user-centrated approche to guide farmer on the operational use of climate information.

Hydrological services

- Supported preparation of training on hydrological observation.

Please add any examples on contributions to any of the CREWS value propositions.

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	Progress by June 2023	Target for reporting period	Progress by December 2023
Number of risk assessments developed in pilot areas (% including gender specific considerations)	1	34	3	37

Additional information: briefly indicate, with concrete examples, the contributions to CREWS value propositions (gender-responsive, multiplier, people-centered, promote coherence, solution-oriented, unique), as relevant (150 – 200 words). Please list in bullet points.

- 3 risk assessment plans are developed, which will identify the elements required to create appropriate emergency response preparedness plans for the Tsévié regional hospital center, the Hédzranawoé market and the Lycée February 2, 22% of participants are women
- Development of vulnerability maps for 34 municipalities 20% of participants are women
- local information and awareness campaign on flood risks in the 5 regions (78% of the population, including 51% women, was covered by local awareness campaigns and media broadcasts)

This support will allow the conception of plans focus on people-centered.



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

State Project Output(s) in this section	Overall Project Target	Progress by June 2023	Target for reporting period	Progress by December 2023
Number of common alerting protocols strengthened	1	1	1	1

Additional information: briefly indicate, with concrete examples, the contributions to CREWS value propositions (gender-responsive, multiplier, people-centered, promote coherence, solution-oriented, unique), as relevant (150 – 200 words). Please list in bullet points.

- A training on CAP for national institutions was delivered by Red Cross in collaboration with ANAMET in March 2023 focused on s the Common Alerting Protocol and responsibilities for editors.
- Since that, Togo had issue several alerts through CAP in accordance with the WMO protocol. This contribute to promote coherence on warning and alerts messages at national level. For example between July to December ANAMET has issued 4 CAP.

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	Progress by June 2023	Target for reporting period	Progress by December 2023
Number of contingency and emergency plans informed with operational procedures	1	12	4	16

Additional information: briefly indicate, with concrete examples, the contributions to CREWS value propositions (gender-responsive, multiplier, people-centered, promote coherence, solution-oriented, unique), as relevant (150 – 200 words). Please list in bullet points.

In this period, 3 risk assessment plans accompanied by rapid evacuation plans have been developed for the Tsévié hospital center, the Hédzranawoé market and the February High School, 22% of participants are women.

[The flood preparedness and response plan was updated from 17th to 18th November, 2023](#)



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

State Project Output(s) in this section	Overall Project Target	Progress by June 2023	Target for reporting period	Progress by December 2023
Number of people receiving risk awareness information through knowledge products, workshops and other communication means, disaggregated by gender (%)	TBD based on selected pilot area	national level (8.6 M inhabitants)	8.6 M inhabitants	6.3 M Habitants
<p>Additional information: briefly indicate, with concrete examples, the contributions to CREWS value propositions (gender-responsive, multiplier, people-centered, promote coherence, solution-oriented, unique), as relevant (150 – 200 words). Please list in bullet points.</p> <p>ANAMET and the DRE improved their monitoring and forecasting products, which made it possible to issue 13 weather alerts that covered the whole country. It contributed to reduce risk on populations. Risk awareness information remains a priority and should be supported in a future phase on CREWS Togo.</p> <p>The improvements made by ANAMET and ANPC will contribute with solution-oriented.</p>				

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

State Project Output(s) in this section	Overall Project Target	Progress by June 2023	Target for reporting period	Progress by December 2023
Number of gender-sensitive training provided	TBD based on training plan	23	1	24



Additional information: briefly indicate, with concrete examples, the contributions to CREWS value propositions (gender-responsive, multiplier, people-centered, promote coherence, solution-oriented, unique), as relevant (150 – 200 words). Please list in bullet points.

- In this period, local information and awareness campaign and through the media on the risks of flooding targeting 6,289,492 inhabitants (78%) including 51% women in the 24 over 39 prefectures (Kozah, Kéran, Dankpen, Mô, Sotouboua, Tchamba, Oti, Oti-Sud, Ogou, Haho, Moyen Mono, Zio, Est Mono, Agou, Tône, Tchaoudjo, Lacs, Bas mono, Yoto, Doufelgou, Kpendjal, Kpendjal Ouest, Golfe and Agoè Nyivé)
- During the initiative's implementation period, ANPC organized 6 gender-responsive capacity-building training courses for players involved in the operationalization of the early warning system (EWS). All capacity-building activities related to disaster risk reduction reached 853 beneficiaries, 34% of whom were women.

12.2 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	Progress by December 2022	Target for the reporting period	Progress by June 2023
N/A	N/A	N/A	N/A	N/A
<p>Additional information: briefly indicate, with concrete examples, the contributions to CREWS value propositions (gender-responsive, multiplier, people-centered, promote coherence, solution-oriented, unique), as relevant (150 – 200 words). Please list in bullet points.</p> <p>N/A</p>				

13. Certification on Use of Resources



This needs to be provided at the end of the year as part of the submission of the 2nd semester report. Each Implementing Partner to provide a certification of the use of resources signed by their authorized representative.

14. Visibility products

- a. *Insert or copy any links to press releases, videos or communication items and/or social media links produced during the reporting period only*

Validation workshop of the ANAMET PNS , Jul 2023

<https://www.newafrique.net/articles/0MCUJRYL00bBmfgC1tOC>

<https://togopresse.tg/les-parties-prenantes-en-consultation-pour-lelaboration-du-plan-national-strategique-de-la-meteorologie/>

Seasonal forecasting validation in the Southern of Togo, Sep 2023

<https://www.anamet-togo.com/actualites/voir-actualite/1694255447-ateliers-de-diffusion-des-previsions-de-la-petite-saison-au-sud-togo-pour-le-compte-de-lannee-2023>

Validation workshop of the monitoring and evaluation of the NFCS action plan of Togo, Sep 2023

<https://www.anamet-togo.com/actualites/voir-actualite/1696331845-atelier-national-de-validation-du-manuel-de-suivi-evaluation-du-plan-daction-du-cadre-national-pour-les-services-climatologiques-du-togo-cnsc-togo>

<https://anpctogo.tg/panel-dechanges-entre-les-acteurs-de-la-plateforme-nationale-de-reduction-des-risques-de-catastrophe-et-luniversite-de-lome/>

<https://univ-lome.tg/atelier-sur-la-reduction-des-risques-et-catastrophes-au-togo-lul>

<https://anpctogo.tg/travaux-de-validation-de-la-cartographie-des-zones-a-risques/>

<https://anpctogo.tg/dynamisation-des-groupements-des-clubs-des-meres-et-des-femmes-leaders-rrc/>



<https://atop.tg/kloto-resilience-face-aux-changements-climatiques-des-clubs-des-meres-a-lecole-des-techniques-de-transformation-des-produits-locaux/>

<https://anpctogo.tg/campagne-dinformation-et-de-sensibilisation-de-proximite-sur-les-risques-dinondations-a-lome/>

for the Tsévié regional hospital center, the Hédzranawoé market and the Lycée February 2

<https://www.matinlibre.tg/gestion-des-risques-de-catastrophes-lanpc-implique-les-autorites-locales/>

<https://relaidafrique.com/2023/08/23/togo-lanpc-valide-le-plan-devacuation-du-marche-de-hedzranawoe/>

[RAPPORT Activites Renforcement Capacites Composante2 CREWS.docx](#)

15. Supporting documents

- a. *List and annex to the report any documents providing details on project activities conducted during the reporting period such as reports of training sessions, assessment reports, online solutions and tools, manuals, summaries of high-level discussions etc.*
- b. [RAPPORT Dynamisation Club meres Draft.docx](#)
- c. [Rapport Panel Discussion PNRR UL Draft.docx](#)

16. Project History

- a. *Highlight key achievements since project started in bullet points, include all visibility and supporting documents other than those from the last 12 months*

- *Creation of ANAMET and ideveloped it national strategic plan*
- *ANAMET web portal developed*
- *Initiated thedevelopment of hydrological seasonal forecasting and trainings*
- *Mid-term review of CREWS Togo with recommandations for improvement carried out.*



- *Operational testing phase of the common alert protocol to support warning messages. National institutions trained in synergy with Mali Meteo and Red Cross.*
- *Training of 304 local authority in the use of the practical guide to disaster risk and threat management*
- *Organization of a tabletop simulation of 3 hazards (floods, storms)*
- *A network of media professionals and education professionals for DRM has been established.*
- *17 national EWS experts have been trained for GIS data analysis, and for access to information through ANPC (National Civil Protection Agency) web portal.*
- *The report of the state of knowledge of disaster risks, alert decision processes, dissemination, preparation and response for main hazards in Togo has been drafted and to be validated by the end of November.*
- *Several action plans were developed to improve aspects related to the 4 components of EWS, with a vision to guide the institutions in consolidating EWS capable to address the main Hazards of Togo. CREWS Togo will support some of these actions and other could be used for NMHS, and Civil Protection as inputs for other ongoing projects.*
- *Improvement of climate forecast analysis through weekly debriefing supported by MISVA*
- *Consolidated platform for agriculture monitoring*