



CREWS PROJECT PROGRESS REPORT

(January - June 2022)

Ref.: 18007/2022-13 MS/RSO

1. Project title	Support of the Hydrometeorological Unit of Haiti (UHM) for sustainable operability and the implementation of a relevant and efficient hydrometeorological warning system	2. Project reference CREWS/CProj/13/Haïti
3. Implementing Partners involved in the project	World Meteorological Organization (WMO)	4. Regional/National Partners involved in the project - MétéoFrance International - United Nations Development Programme (UNDP) Haiti
5. Project Duration/Timeframe (from year – to year)	January 2021 – December 2023 (Originally planned January 2020 – December 2022)	6. Total Funding Approved by Steering Committee (in US dollars), including fees 1,500,000 USD
7. Reporting focal point(s) from Implementing Partners	Lina Sjaavik Head, Project Implementation Unit Member Services and Development Department LSjaavik@wmo.int	
8. Project overview	<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>Objectives The main objective of CREWS Haiti is to improve the capacity of the Unité Hydrométéorologique D'Haïti (UHM) to develop and deliver co-produced multi-hazard alerts, as well as to strengthen its cooperation with key ministries, priority sectors and communities that will increase the effectiveness of Haiti's early warning system.</p> <p>Key project deliverables</p>	



- Capacity of UHM to deliver high quality services to Direction Générale Protection Civile (DGPC) and other Haitian stakeholders enhanced
- Improved hydrometeorological warning system implemented
- Preparedness and response capacities at national and community levels strengthened

Leveraging

CREWS Haiti...

- ... leverages results achieved by the ECCC Canada funded project “Haiti Weather Systems Program - Climate Services to Reduce Vulnerability in Haiti” (CAD 6,5 Million), as planned activities primarily build on additional priorities and needs identified during that project. CREWS Haiti hence ensures medium-term sustainability of prior investments in the country.
- ...builds on outcomes of the Canada CREWS SIDS & SeA project, which implemented a River Flood Forecasting System in Hispaniola, coupled with the Haiti and Dominican Republic Flash Flood Guidance System (HDRFFGS) (CAD 2 Million for the Caribbean). CREWS Haiti’s activities in the area of flood forecasting will build on these achievements. The project further produces awareness videos for Ocean Buoys and Coastal inundation in French Créole in order to enhance knowledge and awareness for the Haitian population.
- ...enhances outcomes of CREWS Caribbean (USD 5,5 Million), especially activities to facilitate the transition to impact based forecasting, led by the World Bank GFDRR.
- ... creates synergies with the World Bank led project “Projet de Gestion des Risques et de Résilience aux Aléas Climatiques” (USD 35 Million) (ongoing) in the area of dissemination and alert protocols

Events in the reporting period




- Several workshops with local key stakeholders held (see 9. Progress Summary)
- UHM Day of the Open Door on World Meteorological Day had to be postponed due to security situation (see 10. Risk Management Status)




<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? (Highlight at least 1 key achievement that can be elaborated in the 2021 Annual Report). (max 250 words)</p> <p>Major developments/achievements in the reporting period</p> <ul style="list-style-type: none"> - UHM National Strategic Plan (NSP) <ul style="list-style-type: none"> o Workshop to validate and discuss implementation of NSP held (June 2022) with 20 participants (6 females) from UHM, Ministry of Agriculture, National Food Security (CNSA), WFP, UNDP and Media. o Outcomes: All comments discussed, NSP validated, participants reminded of importance of UHM and the NSP for the safeguarding of lives and property in relation to extreme climatic conditions, courses of action identified and partnerships strengthened o NSP updated and finalized, printing in July 2022 - User-Survey (Q1/2022) <ul style="list-style-type: none"> o Goal: Assesment of user needs and satisfaction reg. services provided by UHM o 10 public and private institution participants from different geographic departments of Haiti o Outcomes: 7 are fully satisfied with UHM service provison, however e.g., only 3 use the meteorological bulletin provided in a regular basis. - UHM and Haitian Key Stakeholders: <ul style="list-style-type: none"> - Ministry of Agriculture, Natural Resources and Rural Development (Ministère de l’Agriculture, des Ressources Naturelles et du Développement Rural - MARNDR) <ul style="list-style-type: none"> o Regular and intensive exchange with Ministry ongoing. o Outcome: Awareness raised for services provided by UHM. Draft decree on creation of a National Center for Meteorology and Hydrology developed. o Objective: Change of legal status of UHM to ensure UHM receiving a dedicated budget. - Directorate General for Civil Protection (Directorat de la Protection Civile - DGPC) <ul style="list-style-type: none"> o Hybrid workshop on interpretation and use of hydrometeorological information held. (February 2022) o 22 Participants (6 female) from DGPC and Members of Système National de Gestion des Risques et de Désastres (SNGRD) trained.
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- Outcomes: Capacity strengthened for Disaster Risk Management actors regarding interpretation and use of hydrometeorological services provided by UHM and agreement to intensify relationship through a Memorandum of Understanding (development ongoing)
- National Food Security Coordination (Coordination Nationale de la Sécurité Alimentaire - CNSA)
 - o Hybrid workshop on the interpretation and use of hydrometeorological information held (April 2022)
 - o 20 participants (5 females) from CNSA and Ministry of Agriculture trained.
 - o Outcomes: Capacity strengthened for actors in Food Security and Agriculture on the interpretation and use of hydrometeorological services provided by UHM in order to make food systems more sustainable, resilient and inclusive.
- National Office of Civil Aviation (Office National de l'Aviation Civile - OFNAC)
 - o Regular and intensive exchange.
 - o Outcomes: Relationship intensified. Discussions on development of a Memorandum of Understanding re-started to formalize relationship and ensure cost-recovery for UHM.
 - o Training developed for UHM and OFNAC observers to build joint capacity (to be held approx. in Q4/2022)
- Cuban Meteorological Institute (Instituto de Meteorología Cuba - INSMET)
 - o New agreement signed (March 2022) to provide technical assistance to UHM to strengthen meteorological service provision
- Field Mission to Anse-Rouge conducted by UNDP with the aim to develop a Communal Multi-Risk Contingency Plan to strengthen the community's response in an emergency situation (June 2022). Plan to be finalized in Q4/2022.
- Awareness campaign started in 10 schools in the Port-au-Prince metropolitan area. (Display of posters, banners brochures in schools to inform about natural hazards, risks and adequate behaviour; talks and training sessions) in order to strengthen preparedness and awareness of local children.
- Special Service Agreement under approval to assess current hydrological service provision and propose/implement recommendations for activities to strengthen services provided.
- UHM videoconferencing system operational (since February 2022) enabling UHM to effectively and easily liaise with stakeholders and partners despite the ongoing security concerns and instability in Haiti.
- Office supplies, telephone cards, computers, and electronic equipment for UHM staff procured allowing UHM to carry-out "daily business"



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	Disbursement June 2021: USD 804,465 (~ 54%)	<p>The delivery rate picked up in the first half of 2022. However, project dates and planned activities generally need to be handled with flexibility, as the security situation in the country is volatile. (see 11. <i>Risk Management Status</i>).</p> <p>The project team remains confident that all planned activities will be implemented within the project implementation period. This is supported through the engagement of the in-country partner UNDP Haiti, who is strongly committed and active as to the implementation of selected activities across all components. UNDP, in close coordination with UHM and WMO, takes the lead on activities where local presence is beneficial, such as the organization of workshops and consultations with local stakeholders, the provision of UHM office</p>	The project activities implemented remain strongly aligned with the project objectives. (as outlined in section 8. <i>Project Overview</i>)

		<p>supplies and internet access, as well as national exercises to identify user needs and activities concerned with strengthening and enhanced accessibility of preparedness and response plans in order to reach the Last Mile.</p>	
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11. Risk Management Status

<p>Risk Status</p>	<p>What is the current risk status as compared to what was identified in the project proposal?</p> <p>The overall risk to a successful project implementation has increased since the development of the project proposal and is currently assessed to be Medium/High due to factors outlined below:</p> <p>Natural Disasters & Covid-19</p> <ul style="list-style-type: none"> - In August, a 7.2. magnitude earthquake followed by heavy rainfalls struck Haiti, killing more than 300 people. This put a pause on several project activities for weeks but didn't have a strong impact in the reporting period. - Haiti has been affected heavily by the Covid-19 pandemic. According to the WHO, a total of 32,131 with 838 deaths have been confirmed, with unreported cases expected to strongly increase the total amount. As of 15 July 2022, a total of 351,767 vaccine doses have been administered¹ (population: ~ 11.4 million). Going forward, the further development of the pandemic, especially when winter is approaching, creates some uncertainty for the further progress of the project as this could change governmental priorities and affect implementation speed. - At the time of reporting, the Caribbean is entering the 2022 Hurricane Season.
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¹ [Haiti: WHO Coronavirus Disease \(COVID-19\) Dashboard With Vaccination Data | WHO Coronavirus \(COVID-19\) Dashboard With Vaccination Data](#)

	<p>Political, Institutional and Security Risks</p> <ul style="list-style-type: none"> - The assassination of president Jovenel Moise in July 2021 strongly deteriorated the already prevailing political instability. Security risks are increasing since then due to gang violence including extortion, kidnappings and fuel shortages as gangs are blocking the country’s main roads to demand the current president Ariel Henry’s resignation. From January to the end of June, 934 killings, 684 injuries and 680 kidnappings were documented across the metropolitan area of Port-au-Prince.² - In May 2022, the driver of our local project consultant had been kidnapped but later released and in June 2022, a person had been kidnapped right in front of the UNDP Office in Haiti. This created concern for the safety of the Haitian project focal points. However, UHM and UNDP project members and partners remained safe during the reporting period, but faced increasing challenges to come to the office in light of the fuel prices and shortages. - No date for a presidential election has been set at the time of this reporting. The election will most probably affect the timeline and probability for success of the planned change of legal status of UHM (unit vs. service) which is an action item in the UHM National Strategic Plan. - In addition, the country is being hit by the global food and fuel crisis which is a result/related to Russia’s invasion of Ukraine, as 70% of Haitis food needs are being imported. Inflation is reported to be 52% for food according to the Haitian government.³ <p>To conclude, the security situation has a strong impact on the daily work of our focal points at UHM as well as other partners and stakeholders in the country. This has and will continue to cause delays in project implementation.</p>
<p>Measures to address</p>	<p>What mitigation measures have been developed to address the risk status? In bullet points</p> <p>To mitigate current and future delays as well as the uncertainty moving forward, project activities required and will further require readjustment in scope and timeline, as well as way of delivery (e.g. change from in-person to virtual interaction).</p> <p>Natural Disasters & Covid-19</p>

² [Haiti: UN sounds alarm over worsening gang violence across Port-au-Prince | | UN News](#)

³ [Gang violence in Port-au-Prince threatens more than a million food-insecure Haitians | | UN News](#)



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	<ul style="list-style-type: none"> - In order to allow for an improved virtual working/training mode considering the ongoing pandemic and unstable security situation, the project procured and installed a videoconferencing system for UHM. - After the earthquake, CREWS Haiti supported the UHM the procurement of SIM CARDS to allow for re-connection of most affected weather stations in the countries’ south. - In light of the approaching hurricane season, implementation dates for activities will be handled with flexibility. <p>Political, Institutional and Security Risks</p> <ul style="list-style-type: none"> - The project ensures national ownership in these difficult times through involving and letting UHM prioritize in every activity that is being implemented. - The project further seeks to ensure an intact relationship with the Ministers of Agriculture, Natural Resources and Rural Development – mainly through the Coordinateur of UHM, Marcelin Esterlin as the support of the Minister is crucial in implementing the NSP. - The project management team including UHM, WMO and UNDP meets bi-monthly. The meeting agenda opens with the “Current Situation in Haiti” which allows the project team to gain a better understanding of the current political and security situation in order to be able to adjust project activities accordingly.
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12. Contributions to CREWS Output(s)

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

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	Progress by December 2021	Target for reporting period	Progress by June 2022

UHM National Strategic Plan (NSP) as guidance to improved long-term service delivery implemented	<ul style="list-style-type: none"> - NSP endorsed - Consultation workshops on operational plan and institutional framework held - Defined activities implemented 	NSP edition finalized	1 consultation workshop (on validation & implementation) held.	1 consultation workshop (on validation & implementation) held.
Provision of fellowships to support UHM capacity building (Ecole Nationale de la Météorologie, Toulouse)	<ul style="list-style-type: none"> - Minimum 5 fellowships provided for technical UHM staff 	3 Fellowships granted.	3 Fellowships ongoing.	3 Fellowships ongoing
Provision of general office supplies and services for UHM	<ul style="list-style-type: none"> - UHM internet and telecommunication services provision secured - Basic office supplies available - Videoconferencing system installed 	Activity not started	<ul style="list-style-type: none"> - Videoconferencing system installed and operational - Office supplies procured - Telecommunication services provision secured for project duration 	<ul style="list-style-type: none"> - Videoconferencing system installed and in operational - Office supplies procured - Telecommunication services provision secured for project duration
National Coordination Mechanism Strengthened	<ul style="list-style-type: none"> - Trainings/Workshops on interpretation of HMC information 	Activity not started.	2 trainings conducted (DGPC & CNSA) (see also output 2)	2 trainings conducted (DGPC & CNSA) (see also output 2)
<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>Contribution to (selected) CREWS value propositions:</p> <ul style="list-style-type: none"> • <i>Gender responsive & people centered:</i> The activities to strengthen capacities as well as the UHM NSP, which outlines an action plan for UHM, aim to strengthen EWS in a way that will reach more people - specifically the ones most at risk, and further contribute to the concept of people-centered EWS. The trainings provided included female participants and enable Disaster Risk Management and Food Security to better understand and disseminate hydrometeorological information in order to communicate it to end-users (e.g. farmers, communities in hazard prone areas, etc.) 				



- *Promote coherence:* For all activities related to flood forecasting and warning, synergies will be created with WMO system products such as SWFP, FFGS and Coastal Inundation Forecasting Initiative (CIFI). The consultants that will be hired will assess the current situation and ensure the creation of synergies.
- *Multiplier:* The UHM-NSP is built around Haiti’s development objectives and as such strives to contribute directly to the sustainable socio-economic development of the country. As it demands for a change of legal status of the NHMS, it initiates a conversation at the political level and contributes to raise awareness as to the importance of meteorological services itself. The NSP further outlines a clear defined strategy which enables UHM to improve its service. These factors all contribute to a more favourable environment for EWS and improved disaster management. The associated action plan identifies further needs for external funding.
- *Solution oriented & unique:* The procurement of a UHM videoconferencing system through the project is a pragmatic, solution-oriented effort to implement project activities such as trainings virtually (best practice from CREWS Caribbean e.g.) and to provide UHM with better equipment to exchange with its (local) partners. This investment mitigates the ongoing difficult security situation in the country and thus supports UHM’s service delivery in the long-term.

Comment: see also Output 4 for Standing Operational Procedures

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 December 2021	Target for reporting period	Progress by June 2022
UMH technical capacities to provide forecast and warnings improved	<ul style="list-style-type: none"> - Calibration and integration of systems for flood warning improved - Verification mechanisms to improve numerical weather prediction use and forecasts improved - Training for UHM and OFNAC observers held - Technical trainings held (tbd) 	Cooperation with INSMET initiated, development of ToR for consultation (hydrology) for assessment started, course for observer-training developed	<ul style="list-style-type: none"> - Agreement with INSMET for technical support of meteorological service provision in force - TOR for hydrology 	<ul style="list-style-type: none"> - Agreement with INSMET for technical support of meteorological service provision in force - TOR for hydrology

	<ul style="list-style-type: none"> - Further targets tbd. 		consultation finalized. Selection process for consultant started.	consultation finalized. Selection process for consultant started.
Early warning services developed and accessible for the agriculture sector	<ul style="list-style-type: none"> - Agriculture sector priority needs identified - Strategic roadmap with Ministry for Agriculture developed - Farmers database established 	Activity not started	Exchange with Ministry for Agriculture started	Exchange with Ministry for Agriculture started
UHM cooperation with DGPC and CNSA strengthened and institutionalized	<ul style="list-style-type: none"> - Framework for partnership with DGPC & CNSA established - Training sessions for DGPC and CNSA officials in use of weather and climate information held - Products / services with DGPC/CSNA co-designed 	Exchange (re-) initiated, workshops planned	<ul style="list-style-type: none"> - Training on interpretation of HMC information with DGPC and CNSA held - Development of Memorandum of Understanding with DGPC started 	<ul style="list-style-type: none"> - Training on interpretation of HMC information with DGPC and CNSA held - Development of Memorandum of Understanding with DGPC started
UHM cooperation with OFNAC strengthened and institutionalized	<ul style="list-style-type: none"> - UHM quality management system in place - UHM & OFNAC Memorandum of Understanding signed (incl. cost-recovery) 	UHM & OFNAC exchange (re-) initiated, WMO experts in quality management (aviation) engaged	<ul style="list-style-type: none"> - Training for Aviation Quality Management developed - Discussions with OFNAC reg. agreement ongoing 	<ul style="list-style-type: none"> - Training for Aviation Quality Management developed - Discussions with OFNAC reg. agreement ongoing



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			- Training for UHM and OFNAC forecasters developed	- Training for UHM and OFNAC forecasters developed
<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). <u>Please list in bullet points.</u></p> <p>Contribution to (selected) CREWS value propositions:</p> <ul style="list-style-type: none"> • <i>Gender responsive, people centered:</i> Products that will be co-developed with DGPC and CSNA and target groups as well as the conducted trainings on the interpretation of hydrometeorological information, have the primary goal to enhance security and increase the capability for decision making, especially for most vulnerable groups that don't have access to tailored information. • <i>Promote coherence:</i> By engaging WMO experts related to aviation meteorology, compliance with international standards shall be reached/supported. The project further seeks to learn from activities in the Dominican Republic to ensure coherence between the two countries sharing one island. • <i>Solution oriented:</i> The project seeks to find innovative approaches and use best practices from other projects (e.g. CREWS Caribbean) to substitute trainings that should be held face to face e.g. through the development of hybrid and virtual trainings. One solution was the procurement of a videoconferencing system that allowed for virtual training to take place in lieu of in-person training and strongly facilitated the organization of the workshops with DGPC and CNSA. 				

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 December 2021	Target for reporting period	Progress by June 2022
Robust, secure and integrated system for production and dissemination of forecast and warning implemented (Common Alerting Protocol (CAP))	<ul style="list-style-type: none"> - Liaise with PGRAC project on development of action plan to implement CAP - Exercise(s) on dissemination and 	- Exchange with PGRAC project initiated	- No target for this reporting period	- No target for this reporting period



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	communication of alerts at community level conducted			
<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>Contribution to (selected) CREWS value propositions:</p> <ul style="list-style-type: none"> <i>Gender responsive & people centered:</i> Ensuring security of people and especially most vulnerable groups is the core reason why functional CAPs are needed. The activity supports a better collaboration between different actors in EWS and thus enhanced security in hazardous situations. <i>Promote coherence:</i> CAP will be aligned with international standards. The CREWS project further aligns intensely with the World Bank led PGRAC project in order to ensure coherence. 				

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 December 2021	Target for reporting period	Progress by June 2022
Preparedness & response plans at national and community level strengthened and accessible	<ul style="list-style-type: none"> - Risk assessment of pilot community conducted - Simulation exercise conducted (community level) 	Activity not started	<ul style="list-style-type: none"> - Pilot community identified (Anse-Rouge) - Development of Communal Multi-Risk Contingency Plan started 	<ul style="list-style-type: none"> - Pilot community identified (Anse-Rouge) - Development of Communal Multi-Risk Contingency Plan started



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Standard Operating Procedures (SOP) for EWS developed and revised.	- SOPs revised and adjusted	Activity not started	Activity not started	Activity not started
<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). <u>Please list in bullet points.</u></p> <p>Contribution to (selected) CREWS value propositions:</p> <ul style="list-style-type: none"> • <i>Gender responsive & people centered:</i> Ensuring security of people and especially most vulnerable groups is the core reason why functional SOPs and Communal Multi Risk Contingency Plans are needed. The activity supports a better collaboration between different actors in EWS and thus enhanced security in hazardous situations. Especially the Communal Multi Risk Contingency Plans address the community level and are thus especially people centered. • <i>Promote coherence:</i> The Communal Multi-Risk Contingency Plan for Anse-Rouge could be replicated in other Haitian communities at a later stage. Model SOPs are also currently reviewed within the CREWS Caribbean project. The results and best practices will be taken into account for Haiti in order to promote coherence in the region. This further support building sustained institutional capacity by defining roles and responsibilities. 				

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 December 2021	Target for reporting period	Progress by June 2022
Gender-responsive public awareness in key hazards developed	- Awareness campaign for schools on natural hazards & mindful behavior	Activity not started	- Awareness campaign on natural hazards started in 10 schools	- Awareness campaign on natural hazards started in 10 schools



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	- Further products (tbd)			
Awareness videos (Ocean Buoys & Coastal Inundation) adapted to Caribbean context available in French Créole (funded by Canada CREWS project)	- 3 videos available in French Créole	Video-production company contracted	3 videos finalized and accessible on Youtube (see links in section 14)	3 videos finalized and accessible on Youtube (see links in section 14)
<p>Additional information: briefly indicate the contributions, with concrete examples, to CREWS value propositions (gender-responsive, multiplier, people-centered, promote coherence, solution-oriented, unique), as relevant (150 – 200 words). Please list bullet points.</p> <p>Contribution to (selected) CREWS value propositions:</p> <ul style="list-style-type: none"> <i>Gender responsive & people centered:</i> The awareness campaign targets at least 10,000 schoolchildren informing them about risks, dangers and recommended behavior in hazardous situations. Hence, the campaign directly targets vulnerable groups of both sexes. The videos specifically target most vulnerable groups and seek to change and educate on behavior in the context of marine hazards. Through the provision of a translation in French Créole, a broad population of Haiti can be reached which leads to enhanced security in hazardous situations. <i>Solution oriented & promote coherence:</i> The awareness campaign promotes coherence as it is rolled-out in at least 10 schools in the Port-au-Prince metropolitan area. The provision of awareness videos further is a best practice which has been applied successfully in the Pacific (specifically Fiji). Through simple and pragmatic explanations and recommendations which will be spread all over the Caribbean, this activity promotes regional coherence and shared common knowledge. 				

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

State Project Output(s) in this section	Overall Project Target	Progress by December 2021	Target for reporting period	Progress by June 2022



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TBD	TBD	TBD	TBD	TBD
<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). <u>Please list in bullet points.</u></p> <p>n/a</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	Progress by December 2021	Target for reporting period	Progress by June 2022
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). <u>Please list in bullet points.</u></p> <p>As the project is focused on one country, there is no specific regional output per se. However, the project will benefit from the regional outputs of the CREWS Caribbean project and leverage these by identifying further best practices in an even more complex and challenging environment.</p>				



13. 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*
- i. Awareness Video - Ocean Buoy:
 - 1. Creole: [Ocean Buoy Awareness - Caribbean - \(Creole\) - YouTube](#)
 - ii. Awareness Video - Coastal Inundation
 - 1. Creole: [Coastal Inundation Awareness - Caribbean – Hilly terrain \(Creole\) - YouTube](#)
 - 2. Creole: [Coastal Inundation Awareness – Caribbean – Low-lying landscape \(Creole\) - YouTube](#)
 - iii. Twitter: [PNUD Haïti on Twitter: "17-26/05/22:Des acteurs de @Pwoteksyonsivil de l'Artibonite participent aux ateliers de révision & de consolidation du Plan Communal de Contingence Multirisques-PCCM d'Anse-Rouge, organisés ds le cadre de @CREWSinitiativeHTimplémenté par @undphaiti @uhmhaiti, financé par @WMO 1/2 https://t.co/g46NzPrY7r" / Twitter](#)
 - iv. Twitter : [PNUD Haïti on Twitter: "17.06.22: Une vingtaine d'utilisateurs des informations hydrométéorologiques et aeronautiques ont révisé le plan opérationnel pour la mise en oeuvre du Plan stratégique national \(PSN\) de @uhmhaiti avec le support de @undphaiti, ds le cadre de @CREWSinitiative HTfinancé par @WMO. https://t.co/ObAvmlBqik" / Twitter](#)

14. 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.*

15. 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*

2021



- CREWS Haiti project officially launched (27. Jan). Participants of launch-event included representatives from CREWS Secretariat, the Ministère de l'Agriculture Haiti, the Ministère de l'Environnement, the Office National Aviation, the Civile Direction Nationale Eau Potable, the Centre National Information Geo Spatial, the Service Maritime et Navigation, the Unité Hydrométéorologique D'Haïti, the Coordination Nationale Sécurité Alimentaire , the Direction Générale Protection Civile , Caribbean Disaster Emergency Management Agency, WMO as project implementing partner as well as international organizations such as, WB, UNDRR, UNDP Haiti, ECCC Canada, MétéoFrance, USAID
- First Project Steering Committee held in June 2021. The goal was to outline project activities and assess synergies with the CREWS Caribbean project. Meeting participants included representatives of the UHM, WMO, WB, UNDRR and UNDP.
- Collaboration Agreement between UNDP Haiti and WMO signed (September 2021)
- Three fellowships provided for UHM staff for “Superior Technician in Meteorology” course at Ecole Nationale de la Météorologie in Toulouse (September 2021)
- National Strategic Plan of UHM finalized (December 2021)

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- Internet provision and office supplies provision secured and Videoconferencing System operational
- Workshops as to use of hydrometeorological data provided by UHM held with DGPC and CNSA (February & April 2022)
- Agreement with INSMET for technical support related to meteorological service provision started (March 2022)
- Awareness videos for costal inundation and ocean buoys accessible on Youtube (March 2022)
- Awareness campaign in schools started (May 2022)
- Development of Communal Multi-Risk Contingency Plan started in Anse-Rouge (May 2022)
- Discussion with OFNAC as to Memorandum of Understanding started, training for UHM and OFNAC forecasters developed (ongoing)