

**Enhancing Disaster and Climate Resilience (EDCR) Project
Monthly Update February 2020**

Output Activities	Activity Details	Status as of Feb 2020	Next Action
Output 1.1 1 Install VHF and HF radio (marine grade where appropriate) in key emergency operation facilities (i.e. MET, line Ministries, Hospitals/Clinics and vulnerable schools), connecting the Northern Meteorological Offices as per PICI Panel Workplan/ Emergency Conversion units between radio frequencies (HF-VHF/UHF cross gate) and enhancing capacities of the Yap State Division for risk communication in climate change	<p>[National Gov] VHF and HF radio for the Central and State Governments will be installed according to the request made by the Department of Environment, Climate Change and Emergency Management. The network includes:</p> <ul style="list-style-type: none"> • HF and VHF radio stations • handheld radios • antenna • repeaters • solar panels and batteries <p>This equipment will be installed along the municipalities of the 4 States and main institutions at national level (DECEN, Police, Caroline Islands and Patrol boats). The HF radio stations and VHF antennas will be marine grade and will include back up power energy supply through solar panels as well as long life batteries.</p> <p>In addition, the project will enhance the capacities for disaster risk communication related to climate events of the Yap State Division Media Office.</p>	<ul style="list-style-type: none"> • The evaluation of the bids received by UNDP for HF and VHF radio communication equipment, and solar power, started in the week of 10 February 2020 and is currently ongoing. It is estimated that the evaluation will be completed by March 2020. Awarding of contract is expected to take place in April 2020. 	<ul style="list-style-type: none"> • Evaluation panels for HF and VHF radio communication equipment and solar power to prepare required documentation, including evaluation report, in support of selected bidder for review and final approval
Output 1.2 1 Provide training course for young technicians on how to maintain the current	Radio communication suppliers and telecommunication experts will train young technicians on how to use and maintain the	<ul style="list-style-type: none"> • There is no update on this activity as the training is dependent on the 	<ul style="list-style-type: none"> • Comprehensive logistical plan for radio equipment

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communications infrastructure and EOC management	current communications infrastructure and equipment, in order to support the functioning of the emergency operational centres. This includes the training in radio telecom installation, management/maintenance of the equipment and protocols for effective communication. This training is meant for technical officers from State Governments, NOAA-NWS, Ministry of Education and Ministry of Health. Training in radio communication management for young technicians. This course will be organized in coordination with the local technical schools aimed to increase the in-country capacities for the installation, management and maintenance of telecommunication equipment. The course will meet the international standards for radio system operation, planning and maintenance and the equivalent certificate level of proficiency. This includes the preparation and delivery of training modules that can be replicated by the schools as part of their regular curricula.	completion of the procurement of HF and VHF radio communication equipment and solar power.	delivery to be developed and discussed further. This activity is dependent on Activity 1.1 (procurement of radio communication equipment and solar power).
Output 1.3 Install multi-hazard warning redundancy and climate data conduit through Chatty Beetles in 2 locations with 2 spares	The NOAA-National Weather Service operates a network of chatty beetles through the main and secondary stations. 3 additional chatty beetles will be used for improving the capacities of local governments and NWSO in the outer islands. The equipment to be	<ul style="list-style-type: none"> A meeting took place in Hawaii between the UNDP Project Manager and Ms Ginger Porter of the University of Hawaii on 11 February 2020 to discuss the 	<ul style="list-style-type: none"> UNDP and UH to follow up with Ms Tara Torres of UCAR on its feedback on the LOA

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Output 2.1 Improve technical and operational capacity of the NEOC, including furniture, equipment and training personnel from all states, to meet functional standards	<p>[National Gov] The National Emergency Operations Center (NEOC) building in Pohnpei was constructed around year 2013 with funding from the European Union through the South Pacific Community’s Building a Safe and Resilient Pacific . It is used for office space for various normative functions of the Department of Environment, Climate Change and Emergency Management. (DECEM). During crisis events, the building is used as the National Emergency Operations Center (NEOC).</p> <p>The expansion of the NEOC is confirmed to proceed soon with no complexity. The land is secured and no demolition and other pre-construction processes (land preparation) are required.</p>	<p>purchase of the Chatty Beetles. The University Corporation for Atmospheric Research (UCAR), which is a partner of UH in the sale/procurement of the Chatty Beetles, is currently reviewing the LOA and is expected to provide feedback to UH and UNDP.</p> <ul style="list-style-type: none"> Mr Bhesh Ghimire signed a contract with UNDP on 24 February 2020 as engineer replacing Mr Mikael Gartner. Mr Ghimire will continue the work of Mr Gartner in preparing the tender documents for the detailed design of the NEOC and is expected to submit to UNDP the first draft of the tender documents by 6 March 2020. 	<ul style="list-style-type: none"> UNDP to review the draft tender documents for the detailed design of the NEOC once received from Mr Ghimire in the first week of March 2020.

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<p>Output 2.2. Construct one new 2 Pohnpei State EOC and equip with emergency communication systems to meet functional standards</p>	<p>The project will fund the furniture and equipment of the NEOC since most of the existing ones require replacement and upgrading.</p> <p>In addition to the telecommunication equipment indicated in Output 1, the project will equip the EOC with digital information management capacity (e.g. computers, printer/photocopier, GPS, GIS, InReach Garmin, image processing) and multimedia communication equipment (e.g. projector, large screen).</p> <p>[Pohnpei State] A new building that will function as a State Emergency Operations Center for Pohnpei State will be constructed under this project. This will be in support of the State's Department of Public Safety though the Division of Fire and Emergency Services responsible for disaster preparedness, recovery, relief, incident management, search and rescue operations, public education and awareness; fire safety and suppression, ambulances services and emergency communications.</p> <p>The Division of Fire and Emergency Services will oversee the demolition and debris removal</p>	<ul style="list-style-type: none"> Mr Bhesh Ghimire signed a contract with UNDP on 24 February 2020 as engineer replacing Mr Mikael Gartner. Mr Ghimire will continue the work of Mr Gartner in preparing the tender documents for the detailed design of the PSEOC and is expected to submit to UNDP the first draft of the tender documents by 6 March 2020. 	<ul style="list-style-type: none"> UNDP to review the draft tender documents for the detailed design of the PSEOC once received from Mr Ghimire in the first week of March 2020.

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	<p>of the existing single- story building located in the selected site. This will accelerate and reduce the cost of the construction process.</p> <p>The Pohnpei EOC is managed by the Pohnpei Fire Department, currently having 17 staff with skills on incident management and emergency medical response. The senior leaders are trained in EOC management and use of Incident Command System for on-site crisis. They are also part of a professional organization^[1] where they benefit from regular training courses. The head of the Division obtained professional training from various USA institutions. In case of disasters these capacities are enhanced with the activation of the Disaster Management Team, composed by focal points (2 per each institution) of government agencies, municipal governments and NGOs. In that sense, the Pohnpei EOC will house the Pohnpei Fire Department, which includes fire, medical emergency and search and rescue equipment (inland and marine).</p>		
Output 2.3. Reinstate Fire department capabilities to be able to	<p>^[1] https://www.facebook.com/WPIAFC</p> <p>[Kosrae State] is likely to reinstate the Fire Department disbanded 20 years ago. The</p>	<ul style="list-style-type: none"> • Purchase order for the fire truck has been confirmed by 	<ul style="list-style-type: none"> • Monitor delivery of fire truck (Estimated

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respond effectively and timely to emergency/disasters (i.e. procurement of one equipped fire truck with associated and accredited training)	<p>project will support this initiative with the provision of a specialized fire truck as well as with the required training for providing fire and rescue services.</p> <p>Procurement includes the below (combine 2.3 and 2.4):</p> <ul style="list-style-type: none"> • Fire truck • Tree clearing (dept of transportation) • Rescue equipment • Training 	the winning bidder, and the order is in process. Apart from monitoring of the order to ensure that the bidder complies with the committed delivery date, no further action is required for this procurement.	lead time for delivery is 12 months)
Output 2.4 Procurement of equipment 2 (chainsaws, woodchippers, shredders and a cherry picker/hydraulic long reach platform) for debris management	<p>[Kosrae State] In addition to the fire truck, the Kosrae State Division of Public Safety will be provided with tree clearing and rescue equipment. The technical specifications have been prepared and validated with the Kosrae State Government. The request of quotations for rescue equipment has been already advertised (having the 29 August as deadline). It is expected that the equipment will be delivered at the end of the fourth quarter 2019. The request of quotations for tree clearing equipment will be advertised in September 2019 and it is expected that the equipment will be delivered during the first quarter of 2020.</p> <p>The list of tree clearing equipment comprises a wood chipper, such as a caterpillar C4.4,</p>	<ul style="list-style-type: none"> • Purchase order for the tree-clearing equipment has been confirmed by the winning bidder, and the order is in process. Apart from monitoring of the order to ensure that the bidder complies with the committed delivery date, no further action is required for this activity. 	<ul style="list-style-type: none"> • Monitor delivery of forestry bucket truck (estimated lead time for delivery is 9 months) and tree-clearing equipment.

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	<p>chainsaw and tree Trimming bucket truck. Moreover, the list of rescue equipment includes:</p> <ul style="list-style-type: none"> - Combination Spreader / Cutter - Hydraulic ram - Coupler yellow hose - Coupler red hose - 30' Extension Hose OSC Couplers Red - 30' Extension Hose OSC Couplers Yellow - Power unit 6.5 hp engine high output pump elements, 1.5 gallon reservoir, carrying handle, NFPA compliance, weight (60-70lbs), - Stabilization kit, containing struts 27''-42'', 15'' extensions, 30'' extensions, ratchet straps, end attachments and carrying case 		
<p>Output 3.1 Improving emergency water management in the State of Chuuk (pre-treatment water tank and two water tankers)</p>	<p>[Chuuk State]</p> <ol style="list-style-type: none"> 1. Deep well civil works 2. Pou WTP civil works 3. Equipment and materials 4. WTP components 5. Data loggers and installation 6. Procurement of water tankers 7. commissioning, training, and supervision. Shallow well rehabilitation - labo equipment - Chlorine 	<ul style="list-style-type: none"> • The LOA between UNDP and CPUC was signed on 6 February 2020 and the first installment was transferred by UNDP to CPUC on 14 February 2020. • CPUC is currently preparing the documentation for the small works contracts and purchase requests for Activities 1.1 and 1.2, and Activities 1.3 and 1.4, respectively, under the LOA. 	<ul style="list-style-type: none"> • CPUC to disburse payments to contractors for Activities 1.1 (deep well rehabilitation) and 1.2 (civil works for point of use Water Treatment Plant), and issue purchase requests for Activities 1.3 and 1.4

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Output 3.2. Enhance disaster response capacities in the State of Yap particularly focused in augmenting the capacity for water management in selected low lying islands	[YAP STATE] 1. Civil works (e.g. chlorine sheds, warehouse and WTP storage tank construction, well rehabilitation head works, Fedor tank repairs) 2. Procurement of drilling rig 3. Drilling rig operator/trainer 4. Procurement of equipment (casing pipes, HDPE pipe, well pumps, well equipment, chlorine pumps, kitset warehouse, WTP storage tank) 5. Water filtration equipment and controllers	<ul style="list-style-type: none"> Mr Paul Howell, UNDP Water Resources Management Consultant, submitted the first draft of the detailing work for Activities 1 to 4 for Yap, which is currently undergoing various revisions. The activities include the procurement of materials and equipment for deep well rehabilitation and water treatment plant (WTP) construction, and water testing. 	<ul style="list-style-type: none"> Finalize detailing work and prepare procurement documents (e.g. Invitation to Bid) to launch bidding
Output 3.3 Conduct Post Disaster Needs Assessment (PDNA) and Disaster Recovery Framework (DRF) including Introduction to Disaster Management (IDM), Initial Damage Assessments (IDA) and EOC Management Training of Trainers (ToT) to government identified staff	[National Gov]	<ul style="list-style-type: none"> All preparations for the PDNA training, which was scheduled for 10-14 February 2020, were completed as of 7 February 2020. However, the training was postponed at the last minute on 8 February 2020 as the PDNA trainers could not travel to FSM due to travel restrictions enforced to prevent the entry of COVID-19. 	<ul style="list-style-type: none"> Follow up with PDNA participants to return DSA; UNDP to reschedule PDNA training UNDP to meet with SPC to discuss preliminary concept of GESI training

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		<ul style="list-style-type: none">In the week of 10 February 2020, UNDP advised the PDNA participants who had received their respective DSA through bank transfer to return the DSA following the postponement of the training.	
