

**Enhancing Disaster and Climate Resilience (EDCR) Project
Monthly Update November 2019**

Output Activities	Activity Details	Status as of November 2019	Next Action
<p>Output 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>	<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 (DECEM, 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 technical specifications prepared by UNDP consultants were shared with DECEM for review, after which DECEM confirmed the technical specifications on 13 November 2019. • The equipment mastersheet, which contains the list of locations/offices to which the equipment will be delivered, was shared with DECEM on 19 November 2019 for final review. DECEM is still in the process of reviewing the equipment mastersheet. • On 25 November 2019, UNDP met with the Head of Operations of Okeanos, a foundation that provides alternative sea transportation in the Pacific, to find out about their transportation services that may be used by the EDCR Project to deliver the radio equipment. 	<ul style="list-style-type: none"> • Follow up with DECEM on its confirmation of the equipment mastersheet • Conduct a visit to the facilities of Okeanos at FSM port area
<p>Output 1.2 Provide training course for young technicians on how to maintain the current communications infrastructure and EOC management.</p>	<p>Radio communication suppliers and telecommunication experts will train young technicians on how to use and maintain the 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</p>	<ul style="list-style-type: none"> • UNDP met with Taylor Elidok (Instructional Coordinator) and Nelchor Permitez (Professor of Electronics and Telecommunication) from the Career and Technical Education Center (CTEC) of COM on 15 November 2019 to introduce the 	<ul style="list-style-type: none"> • Refine training concept further

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	<p>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.</p>	<p>EDCR Project and the planned training for young technicians.</p> <ul style="list-style-type: none"> • CTEC confirmed that they have an existing course on short wave radio communication which is part of a degree/certificate program of COM. A second meeting was held on 20 November 2019 which the Director of CTEC joined. • The Director welcomed the possibility of partnership with the EDCR Project and confirmed that the short wave radio communication course may be shortened and customized to the needs of UNDP. 	
<p>Output 1.3 Install multi-hazard warning redundancy and climate data conduit through Chatty Beetles in 2 locations with 2 spares.</p>	<p>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 provided by this project will be installed in local governments offices but as part of the NWSO network this entity will be in charge of training the operator and of the maintenance.</p>	<ul style="list-style-type: none"> • Based on the negotiation with the University of Hawai'i, it was difficult to agree on the Letter of Agreement (LOA) to implement this activity. • As an alternate solution, LOA will be concluded with the NWSO who would be able to work with the University based on their existing partnership. • Request was made to the University to support the NWSO to develop the workplan and budget which are necessary for the LOA. 	<ul style="list-style-type: none"> • HACT micro assessment for NWSO • Draft LOA and sign once obtained the results of the HACT.

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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>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>	<ul style="list-style-type: none"> On 27 November 2019, the UNDP consultant (Mr. Gartner) provided the draft tender documents for the NEOC and Pohnpei EOC following the design and build approach. Mr Gartner will also prepare tender documents using the design-bid-build approach. 	<ul style="list-style-type: none"> Review tender documents using both approaches (draft tender document for design-bid-build approach will be submitted by the middle of December 2019).
Output 2.2. Construct one new Pohnpei State EOC and equip with emergency communication systems to meet functional standards	<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</p>	<ul style="list-style-type: none"> On 21 November 2019, UNDP and FES met with the Pohnpei Transportation and Infrastructure (T&I) Office to ask whether T&I can 	<ul style="list-style-type: none"> Review tender documents using both approaches (draft tender

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	<p>Safety through 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 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>	<p>develop the detailed design of the PSEOC. FES subsequently wrote a letter of request to T&I.</p> <ul style="list-style-type: none"> • On 27 November 2019, the UNDP consultant (Mr. Gartner) provided the draft tender documents for the NEOC and PSEOC following the design and build approach. • At the same time, Mr Gartner, UNDP consultant, is currently working on the tender documents for the design of the PSEOC, following a design-bid-build approach. In the same meeting, T&I explained that it was still studying the requirements for the EDCR Project to meet the notification requirement of Pohnpei Legislature. • In terms of land preparation, the Pohnpei Transportation Authority (PTA) submitted to FES and UNDP a quotation for the demolition of the existing building on the proposed site. Additional documents were requested by UNDP on 27 November 2019. 	<p>document for design-build approach will be submitted by the middle of December 2019).</p> <ul style="list-style-type: none"> • Follow up with FES and PTA to submit additional documentary requirements for the demolition

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<p>Output 2.3. Reinstatement of Fire department capabilities to be able to respond effectively and timely to emergency/disasters (i.e. procurement of one equipped fire truck with associated and accredited training-)</p>	<p>[1] https://www.facebook.com/WPIAFC</p> <p>[Kosrae State] is likely to reinstate the Fire Department disbanded 20 years ago. The 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. 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 	<ul style="list-style-type: none"> • On 26 November 2019, the rescue equipment was delivered to and received by the Kosrae Department of Public Safety (Police). The Transfer of Title of Assets, which officially transfers ownership of the assets to Kosrae DPS, was signed by Mr Rinson Phillip (Chief of Police) and Mr Nena William (Special Assistant for Disaster Management). • On 27 November 2019, the evaluation panel for the fire truck completed the assessment and awaiting for approval from the UNDP. 	<ul style="list-style-type: none"> • UNDP to sign the Transfer of Title of Assets and share final document with Kosrae DPS, DCO and DECEM • Conclude the contract for the procurement of fire truck
<p>Output 2.4 Procurement of equipment (chainsaws, woodchippers, shredders and a cherry picker/ hydraulic long reach platform) for debris management</p>	<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</p>	<ul style="list-style-type: none"> • As of 29 November 2019, an evaluation report on the RFQ for tree-clearing equipment has been drafted and is undergoing final review by the evaluation panel members. 	<ul style="list-style-type: none"> • Conclude the contract for the procurement of tree-clearing equipment

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	<p>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, 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"> • On 5 November 2019, the draft LOA was shared with CPUC for review. CPUC is currently finalizing the annexes. • On 12 November 2019, Ernst & Young shared the draft micro assessment report to CPUC for them to respond to the findings and recommendations. The report is currently undergoing final review by CPUC and UNDP. • On 27 November 2019, the evaluation panel for the water 	<ul style="list-style-type: none"> • LOA to be reviewed and finalized by both UNDP and CPUC before end of December 2019 • Conclude the contract for the procurement of water tanker

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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	tanker completed the assessment and a bidder has been recommended for final selection. • As of 28 November 2019, the Implementation Plan has been revisited to identify strategic priorities that may be supported by the EDCR Project given the available budget.	• UNDP to finalize TOR of consultant for Yap and discuss draft LOA with SYWA
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]	• On 21 November 2019, Mr Luis Gamarra, UNDP consultant, prepared a brief on the PDNA and GESI training in consultation with the UNDP RESPAC team. • The brief was shared with DECEM for review and feedback. • UNDP and DECEM will need to identify the government offices that will be involved in the training based on the PDNA sectors relevant to FSM.	• Set a meeting with DECEM to clarify training concept and propose a schedule for the training/s in the first quarter of 2020

