

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

Output Activities	Activity Details	Status as of November 2020	Next Action
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>[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 evaluation of the HF and VHF radio tender has been completed and is scheduled for submission to the Contracts and Procurement (CAP) committee for review and approval in early December 2020. • The 49 sets of solar power equipment are expected to be delivered to FSM in 3 shipments from Australia, US and Japan, with an estimated time of arrival (ETA) of December 20, January 11 and December 22, respectively. 	<ul style="list-style-type: none"> • Submit HF/VHF documentation for RACP approval • Coordinate delivery of solar power equipment to Pohnpei in December 2020/January 2021 • Start preparing logistical plan
Output 1.2 Provide training course for young technicians on how to maintain the current communications infrastructure and EOC management	<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 equipment and protocols for effective communication. This training is meant for technical officers from State Governments, NOA-NWS, Ministry of Education and</p>	<ul style="list-style-type: none"> • There is no update on this activity as the training is dependent on the completion of the procurement of HF and VHF radio communication equipment and solar power. 	<ul style="list-style-type: none"> • Comprehensive logistical plan for radio equipment delivery to be developed and discussed further. This activity is dependent on Activity 1.1 (procurement of radio communication equipment and solar power).

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	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.		
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 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.	<ul style="list-style-type: none"> Activity has been cancelled upon the request of the FSM Weather Service Office and approved by the project board meeting held in November. 	<ul style="list-style-type: none">
Output 2.1 Improve technical and operational capacity of the NEOC, including furniture, equipment and training personnel from all states, to meet functional standards	[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. (DECCEM) . During crisis events, the building is used as the National Emergency Operations Center (NEOC).	<ul style="list-style-type: none"> The final presentation by RS Roque on the concept design of the NEOC extension was held on 25 November 2020 and the agreed concept design was submitted by RS Roque on 30 November 2020 for signature. Once signed by DECCEM, RS Roque will proceed and come up with the detailed design which will 	<ul style="list-style-type: none"> RS Roque to present the detailed design (all disciplines) on 11 December 2020 Prepare tender document

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	<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>	<p>be presented to DECEM in early December 2020.</p>	
<p>Output 2.2. Construct one new Pohnpei State EOC and equip with emergency communication systems to meet functional standards</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 of the existing single- story building located in the selected site. This will accelerate and reduce the cost of the construction process.</p>	<ul style="list-style-type: none"> • The final presentation by RS Roque on the concept design of the PSEOC was held on 25 November 2020 and the concept design was signed by the Department of Public Safety (DPS) on 30 November 2020. RS Roque will proceed and come up with the detailed design which will be presented to DPS in early December 2020. 	<ul style="list-style-type: none"> • RS Roque to present the detailed design (all disciplines) on 11 December 2020 • Prepare tender document

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	<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>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"> • Manufacturing of the fire truck is currently underway. Due in part to Covid19 delays, fire truck will be ready for shipment only in February 2021. 	<ul style="list-style-type: none"> • Monitor delivery of fire truck

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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. 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 	<ul style="list-style-type: none"> • The forestry bucket truck arrived in Kosrae as scheduled on 01 November 2020 and has been cleared and claimed from the port. Transfer of ownership document is currently being prepared, pending submission of documentary requirements by DTI to UNDP. 	<ul style="list-style-type: none"> • Follow up with DTI/Kosrae State on photo of serial number and videos
Output 3.1 Improving emergency water 3 management in the State of Chuuk (pre-treatment water tank and two water tankers)	<p>[Chuuk State]</p> <ol style="list-style-type: none"> 1. Deep well civil works 2. Pou WTP civil works 3. Equipment and materials 	<ul style="list-style-type: none"> • The contractor PLEC is undertaking preparatory works (i.e. concrete footings, installation of doors) for the 	<ul style="list-style-type: none"> • UNDP and CPUC to finalize discussions on proposed no-cost extension

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	<ol style="list-style-type: none"> 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"> • installation of the lamella clarifier and AVG filters. A no-cost extension to complete the remaining civil works is currently being discussed between UNDP and CPUC. • Manufacturing of the water tanker is currently underway. Due in part to Covid19 delays, water tanker will be ready for shipment only in February 2021. 	<ul style="list-style-type: none"> • Monitor delivery of water tanker
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] <ol style="list-style-type: none"> 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"> • The ITB tender for Activity 1 (labour) closed on 29 November 2020 while the deadline for the submission of quotations for Lot 2 of Activity 2 (supply of construction materials and equipment) closed on 27 November 2020. 	<ul style="list-style-type: none"> • Review submitted bids/quotations for Activity 1 and 2
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"> • Due to the Covid19 travel ban, PDNA training continues to be on hold. 	<ul style="list-style-type: none"> • Initiate discussion on the possible conduct of the PDNA training using Zoom modality