

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

| Output Activities | Activity Details | Status as of April 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 (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 bids for HF and VHF radio equipment, and solar power, has been delayed due to the additional time required to seek clarifications from bidders regarding compliance with technical specifications, and due to the need to re-adjust the number of units to be procured to suit the available budget. The evaluation is currently ongoing and is expected to continue throughout May 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 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</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 | <ul style="list-style-type: none"> • Comprehensive logistical plan for radio equipment delivery to be developed and discussed further. This |

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| | <p>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.</p> | <p>equipment and solar power.</p> | <p>activity is dependent on Activity 1.1 (procurement of radio communication equipment and solar power).</p> |
| <p>Output 1.3 Install multi-hazard warning 1 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"> • There has been no update from UH/UCAR due to the slowdown of activities in the US as a consequence of Covid19. | <ul style="list-style-type: none"> • UNDP and FSM Weather Service to follow up with UH/UCAR on the delivery of the Chatty Beetles, including the LOA. |

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| <p>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> | <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. (DECCEM). 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</p> | <ul style="list-style-type: none"> • The deadline for the request for proposal (RFP) for the architectural and engineering (A&E) design of the NEOC was extended until 16 April 2020 upon the request of interested bidders which were facing difficulties due to Covid19. The evaluation of the bids is currently ongoing. | <ul style="list-style-type: none"> • UNDP to commence evaluation of the bids received once the deadline has passed. |

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| <p>Output 2.2. Construct one new Pohnpei State EOC and equip with emergency communication systems to meet functional standards</p> | <p>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 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</p> | <ul style="list-style-type: none"> • The deadline for the request for proposal (RFP) for the architectural and engineering (A&E) design of the PSEOC was extended until 16 April 2020 upon the request of interested bidders which were facing difficulties due to Covid19. The evaluation of the bids is currently ongoing. | <ul style="list-style-type: none"> • UNDP to commence evaluation of the bids once the deadline has passed. |

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| | <p>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. Reinstate 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.</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 | <ul style="list-style-type: none"> • Manufacturing of the fire truck is underway. On 28 April 2020, Mr Nena William, Kosrae Disaster Coordination Officer, reviewed and confirmed the detailed drawing provided by the supplier, and accepted as well the tachometer and separate hose proposed by the supplier. Mr Rinson Phillip, Chief of Police, requested for the Kosrae State seal/"Fire & Rescue" to be placed on the fire truck. | <ul style="list-style-type: none"> • Monitor delivery of fire truck (Estimated lead time for delivery is 12 months) |

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| <p>Output 2.4 Procurement of equipment 2 (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 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), | <ul style="list-style-type: none"> • Manufacturing of the tree-clearing equipment is currently underway. | <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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| Output 3.1 Improving emergency water management in the State of Chuuk (pre-treatment water tank and two water tankers) | <p>- Stabilization kit, containing struts 27''-42'', 15'' extensions, 30'' extensions, ratchet straps, end attachments and carrying case</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"> • Civil works implementation for both Activities 1 and 2 have started but cannot accelerate fully as the needed equipment and materials have yet to be delivered from overseas. CPUC has sent a request to the supplier/s to expedite delivery and to provide specific target dates, and is now awaiting response from the supplier/s. Manufacturing of the water tanker is currently underway. | <ul style="list-style-type: none"> • CPUC to follow up with supplier/s on the request to expedite delivery of equipment and materials |
| 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 | <p>[YAP STATE]</p> <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) | <ul style="list-style-type: none"> • The ITB for Activity 2 (procurement of materials and equipment including the drilling rig) has been advertised and is set to close on 14 May 2020. Support from UNDP Indonesia was sought to disseminate the ITB widely, and evaluation will begin | <ul style="list-style-type: none"> • Evaluate bids for Activity 2 once the deadline has passed |

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| Output 3.3 Conduct Post Disaster Needs [National Gov] | 5. Water filtration equipment and controllers | <p>once the deadline has passed.</p> <ul style="list-style-type: none"> The ITB for Activity 1 (small works) has not yet been advertised due to the need to improve the bill of quantities (BOQ). Consultations with SYWA are currently taking place on the steps needed to improve the BOQ. | <ul style="list-style-type: none"> Schedule of PDNA and other trainings to be established once travel situation normalizes. |
| <p>3 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</p> | | <ul style="list-style-type: none"> PDNA training is postponed for the time being due to travel restrictions arising from the Covid19 emergency. Other trainings such as the GESI training are likewise put on hold. | |