

FSM Monthly Update Sept to Oct 2019

Output	Activities	Activity Details	Status as of 30 Sep	Status as of 30 Oct	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"> • Procurement will be divided into 3 phases together with 2 other countries; <ol style="list-style-type: none"> 1. Supply VHF/HF radio 2. Supply batteries (need time for power calculation for the required solar system) 3. 3rd procurement: Supply Repeaters (after survey and communicate with the counterparts) of solar power (grid may not be usable after Typhoon) <ul style="list-style-type: none"> • Technical specification of 1st procurement will be ready by 20 Sep • Equipment will be delivered to Guam where the consultant (Bruce) will test and compile the equipment by location, then dispatch to each country/state for further distribution 	<ul style="list-style-type: none"> • UNDP met with the Department of Transportation, Communications and Infrastructure (TC&I) on 2 Oct 2019 and was informed that the 2 TC&I-owned ships (i.e. Voyager, Navigator) will only be available around April 2020 because both are scheduled for drydocking/repair in Japan. • UNDP met with DECEM on 10 October 2019 and was advised to explore the use of the following ships: 1) H1 owned by Yap State; 2) Ship of the National Fisheries Corporation (NFC); and 3) Chuuk Maiyo owned by Chuuk State. DECEM suggested to build in or incorporate the delivery schedule of the radio equipment 	<ul style="list-style-type: none"> • Revise and finalize installation estimate, logistical plan and equipment masterlist • Secure support from DECEM to negotiate with ship owners (e.g. NFC, TC&I, State Governments) to allow use of government ships for the project

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			<p>Installation plan needs to be refined with the cost. Identify the technicians who could receive training and install the equipment</p>	<p>into the “sailing order” of the government ships.</p> <ul style="list-style-type: none"> • Installation estimate detailing the costs of delivery and installation was developed on 07 October 2019. Installation estimate will be refined using government per diem rates. • Logistical plan detailing delivery, installation and training schedule was developed on 17 October 2019 and currently awaiting inputs from DECEM. • Equipment masterlist has been shared with DECEM on 17 October 2019. DECEM inputs currently being addressed by UNDP telecommunication consultants. 	

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Output 1	1.2 Provide training course for young technicians on how to maintain the current communications infrastructure and EOC management.	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 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	<ul style="list-style-type: none"> UNDP will initiate discussions with DECEM on this, and subsequently with the College of Micronesia and other potential partners (e.g. University of the South Pacific). 	<ul style="list-style-type: none"> UNDP met with DECEM on 10 October 2019 wherein DECEM welcomed the idea of organizing a training course on radio equipment maintenance for young technicians to increase the availability of such skills in FSM. DECEM doubts the training is currently offered by the College of Micronesia (COM) but DECEM is aware that COM organized a training on air-condition repair and maintenance in the past. UNDP is currently identifying a focal point at COM with whom to discuss this initiative, and exploring whether there may be other partners such as those within the 	<ul style="list-style-type: none"> Set meeting with College of Micronesia and other potential partners

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		replicated by the schools as part of their regular curricula.		private sector, aside from COM.	
Output 1	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"> To follow up with NWSO for the final location for installation. Com ICs suggested to increase the number of chatty beetles to local government by using 1.1 budget. 	<ul style="list-style-type: none"> Weather Service Pohnpei submitted to UNDP a letter of request for 3 Chatty Beetles, including technical specifications, on 18 October 2019. 	<ul style="list-style-type: none"> Initiate procurement of Chatty Beetles
Output 2	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 . (DECEM). During crisis events, the building is used as the National	<ul style="list-style-type: none"> UNDP consultant, Mikael Gartner (Structural Engineer) submitted to UNDP on 18 September 2019 the overall design of the proposed extension of the National Emergency Operations Centre (NEOC), based on previous discussions between Mr Gartner and DECEM. UNDP met with DECEM on 23 September 2019 	<ul style="list-style-type: none"> Exploratory Analysis (EA) report describing the environment for civil works implementation in FSM was submitted by the consultant (Mr Gartner) to UNDP on 05 October 2019. UNDP met with DECEM on 10 October 2019 requesting DECEM to 1) provide proof of land designation; and 2) 	<ul style="list-style-type: none"> Once received from Mr Gartner, UNDP will review the draft tender documents together with DECEM. UNDP will develop the list of furniture and equipment, and trainings to be provided. SPC will be

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		<p>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>	<p>to present the overall design. The overall design was agreed to by DECEM, with a few final inputs. It was agreed that the contracting modality would be "design and build."</p> <ul style="list-style-type: none"> Mr Gartner is expected to submit the draft tender documents to UNDP by 15 October 2019, incorporating the final inputs from DECEM, subject to budget availability. 	<p>identify a date by which informal settler's issue (i.e. trees occupying the land) on the proposed construction site will be settled.</p>	<p>consulted on whether it has an existing curriculum or trainers that UNDP may use.</p> <ul style="list-style-type: none"> UNDP will follow up with DECEM on the resolution of the informal settler's issue.
Output 2	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 Safety though the Division of Fire</p>	<ul style="list-style-type: none"> UNDP consultant, Mikael Gartner (Structural Engineer) submitted to UNDP on 18 September 2019 the overall design of the proposed Pohnpei State Emergency 	<ul style="list-style-type: none"> Exploratory Analysis (EA) report describing environment for civil works implementation in FSM was submitted by Mr Gartner to 	<ul style="list-style-type: none"> Once received from Mr Gartner, UNDP to review the draft tender documents

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		<p>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</p>	<p>Operations Centre (PSEOC), based on previous discussions between Mr Gartner and Pohnpei State, regarding in particular, the Fire and Emergency Service (FES).</p> <ul style="list-style-type: none"> • UNDP met with FES on 24 September 2019 to present the overall design. The overall design was agreed to by FES. It was agreed that the contracting modality would be “design and build.” • FES submitted to UNDP on 26 September 2019 proof of land designation. • Mr Gartner is expected to submit the draft tender documents to UNDP by 15 October 2019. 	<p>UNDP on 05 October 2019.</p> <ul style="list-style-type: none"> • FES submitted to UNDP on 02 October 2019 the topographical survey of the area surrounding the proposed site of the PSEOC. • On 14 October 2019, FES requested UNDP to include demolition costs in the tender for the PSEOC despite initial agreement that government would implement demolition as its contribution to the project. Pohnpei Transportation Authority (PTA) was consulted by FES but declined to shoulder the costs. On 28 October 2019, UNDP requested FES to seek again the assistance of the Governor of 	<p>together with FES</p> <ul style="list-style-type: none"> • UNDP will finalize with FES regarding demolition costs and schedule.

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		<p>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>[1] https://www.facebook.com/WPIAFC</p>		Pohnpei State on the matter.	
Output 2	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>[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"> • The initial invitation to bid (ITB) for the fire truck failed due to insufficient bids. UNDP Fiji will request UNDP Malaysia to manage this procurement on behalf of the project in order to reach more suppliers in the international market. • On 4 September 2019, UNDP issued a purchase order to the selected supplier of the rescue equipment. • It was agreed that Pohnpei State will 	<ul style="list-style-type: none"> • ITB for fire truck has been re-posted on 01 Oct 2019, with a deadline of 22 Oct 2019. Training on use and maintenance will be organized separately. • Selected supplier of rescue equipment initiated dispatch/delivery process on 10 October 2019. UNDP is coordinating with Kosrae State/selected supplier to confirm 	<ul style="list-style-type: none"> • UNDP will facilitate transfer of ownership procedures for the rescue equipment, in coordination with Kosrae State.

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			support Kosrae State in the training of staff for the Fire Department. The project will also support Kosrae State in reinstating its Fire Department.	whether the rescue equipment arrived in Guam on 21 October 2019, as scheduled originally. Delivery to Kosrae from Guam will follow.	
Output 2	2.4 Procurement of equipment (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,</p>	<ul style="list-style-type: none"> • Technical specifications and budget allocation for the woodchipper, chainsaws and forestry bucket truck were drafted, revised and finalized in September 2019 in consultation with Mr Nena William of Kosrae State. 	<ul style="list-style-type: none"> • Request for quotation (RFQ) for tree clearing equipment (i.e. woodchipper, chainsaws, forestry bucket truck) was posted on 03 October 2019, with a deadline of October 16 which was extended until October 22 as no bid was received by the original deadline. Nine quotations were received by the extended deadline and the evaluation panel is currently reviewing the quotations. 	<ul style="list-style-type: none"> • Once winning supplier is identified, a purchase order for the tree-clearing equipment will be issued by UNDP. Delivery of wood chippers is expected in March 2020, due to lengthy manufacturing time and shipment from overseas factory.

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		<p>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 			
Output 3	3.1 Improving emergency water 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 4. WTP components 5. Data loggers and installation 6. Procurement of water tankers 7. commissioning, training, and supervision. Shallow well 	<ul style="list-style-type: none"> • On 05 September 2019, CPUC consultant Paul Howell submitted a draft plan detailing main activities and budget to be implemented in Chuuk under Activity 3.1. • Following internal discussions, UNDP has confirmed the eligibility of the Chuuk Public Utility Corporation (CPUC) to enter into a 	<ul style="list-style-type: none"> • UNDP engaged Ernst & Young to conduct the HACT micro assessment for CPUC from 22 to 25 October 2019. UNDP is currently awaiting the report from Ernst & Young. • UNDP drafted the LOA on 22 October 2019 and is currently awaiting technical 	<ul style="list-style-type: none"> • LOA to be reviewed and finalized by both UNDP and CPUC before end of November 2019.

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		rehabilitation - labo equipment - Chlorine	<p>Letter of Agreement (LOA) with UNDP. Per financial rules of UNDP, a Harmonized Approach to Cash Transfers (HACT) micro assessment needs to be conducted first by a third party firm before the LOA can be signed. This was conveyed and explained to CPUC by UNDP on 25 September 2019.</p> <ul style="list-style-type: none"> • Technical specifications for the water tankers to be procured by UNDP for CPUC were finalized on 25 September 2019 in consultation with CPUC. 	inputs from CPUC. LOA will be shared with CPUC for formal review.	
Output 3	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"> • On 26 September 2019, A consultant (Mr Howell) was engaged by UNDP as Project Development Specialist to coordinate project formulation in Yap where the specific activities to be implemented had not yet been fully defined. 	<ul style="list-style-type: none"> • A joint UNDP-DECEM scoping mission to Yap was undertaken from 2 to 5 October 2019 and participated in by Mr Howell, Mr Subarna KC (UNDP Deputy Project Manager) and DECEM Secretary Andrew Yatilman. 	<ul style="list-style-type: none"> • UNDP will identify the appropriate modality of implementation for Yap activities.

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		5. Water filtration equipment and controllers		<ul style="list-style-type: none"> Based on the findings of the scoping mission, Mr Howell prepared the Assessment Report and Implementation Plan which were finalized on 20 October 2019. 	
Output 3	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"> UNDP will initiate discussions with DECEM on the PDNA/DRF trainings. Expertise from the UNDP RESPAC team will be tapped in conducting this activity. 	<ul style="list-style-type: none"> UNDP met with DECEM on 10 October 2019 during which DECEM confirmed that a similar training was conducted 2-3 years ago under an EU-funded project. However, DECEM was not able to participate and only State Government representatives were able to attend. UNDP will discuss with DECEM: 1) target training participants; 2) sectors to be prioritized 	<ul style="list-style-type: none"> Follow-up discussions with DECEM will be conducted to identify participants and priority sectors, as well as initiate discussions on the scope of the IDM, IDA and EOC management trainings.