

QUARTERLY PROGRESS REPORT Q3 2020 (JUL-SEP 2020)

PROJECT TITLE: Enhancing Disaster and Climate Resilience in the Federates States of Micronesia through improved Disaster Preparedness and Infrastructure

PROJECT NUMBER: 00115305

Applicable Output(s) from the SRPD (2018-2022):

- Outcome 1 of the UN Pacific Strategy 2018 – 2022: By 2022, people and ecosystems in the Pacific are more resilient to the impacts of climate change, climate variability and disasters; and environmental protection is strengthened.
- Indicative Output(s) with gender marker2: Output 3.2. Preparedness systems in place to effectively address the consequences of and response to natural hazards (geo-physical and climate related) and man-made crisis at all levels of government and community.
Gender Marker: GEN2 (Gender equality as a significant objective)

ATLAS Output ID: 00115305

PIMs ID Number: N/A

Implementing Partners: UNDP (Direct Implementation Modality)

PART 1: DESCRIBE THE KEY ACTIVITY RESULTS ACHIEVED IN THIS QUARTER:

- **A wood chipper and 3 chainsaws were delivered to the state of Kosrae** in July 2020, and the online training on the use and maintenance on the wood chipper was conducted in September 2020 participated by 7 men of Department of Transportation and Infrastructure (DTI). (Activity 2.4)
- **Chuuk Public Utility Corporation (CPUC) has completed 14 deep well rehabilitation works** in August 2020, which improved the production rate by 25%. (Activity 3.1)
- **Design work for National Emergency Operation Center (EOC) and Pohnpei EOC has initiated** after the contract was concluded in September 2020. (Activity 2.1 and 2.2)
- Solar systems for radio equipment are under manufacturing after the contract was concluded in July 2020. (Activity 1.1)
- Update on procurement process:
 - o The tender to supply HF and VHF radios was closed in August and is under the evaluation stage. (Activity 1.1)
 - o The tender to supply of construction materials and equipment to increase water supply and quality in the State of Yap was not able to completed after re-launched in August 2020 as the bidder failed to pass due diligence for the Lot 1 (supply of drilling rig) and no bids for Lot 2 (supply other materials).

RESULTS RESOURCE FRAMEWORK QUARTETLY PROGRESS (**In some projects, Outputs in Project Documents are equivalent to Activity Results level in ATLAS)

EXPECTED ATLAS ACTIVITY RESULTS	ACTIVITY RESULTS INDICATORS	BASELINE	ANNUAL TARGETS	OUTPUTS INDICATORS RESULTS as of March 2020	EVIDENCE (SOURCE, LINK)

Output 1 Strengthened gender sensitive Disaster Communication and Climate Monitoring Systems GEN 2	1.1 # of National, State and Local Governments with upgraded (i.e. redundancy, marine grade, energy efficient, gender sensitive) disaster communication equipment	0	85 (incl. National and 4 States)	1.1: 0 1.2: 0 - Solar system for HF/VHF radio is under manufacturing.	- Progress Report of the procurement of solar system
	1.2 # of men and women with access to early warning information through the upgraded gender sensitive disaster communications, climate and tsunami early warning systems	0	102,624 Male=52,055 Female=50,569		
Output 2 Enhanced gender sensitive National and State Disaster Responders readiness capacity GEN 2	2.1 # staff and members of the Emergency Operational Centre and Disaster Management Team have improved their capacities in information management and coordination (i.e. infrastructure, equipment and gender sensitive guidelines)	0	30 (Women=8)	2.1: 0 2.2: 15% - Design work for NEOC and PEOC is on progress.	- Inception Report for Design work
	2.2 Scale of upgrading of the National and Pohnpei State Emergency Operational Centre with appropriate infrastructure and/or equipment to facilitate information management and effective coordination	0	100%		
Output 3 Enhanced Community Disaster Resilience through improved water resource management, and integrated gender and social inclusion awareness GEN 2	3.1 Number of men and women benefitting from improved water resource management in Yap and Chuuk States	0	954 (Yap 354, Chuuk 600 households) Male= Female=	3.1: Chuuk: 3,667 persons (489 water connections) (1,859 men and 1,808 women estimated by Chuuk State Census Report 2000') 3.2: 0 - 14 well rehabilitation has been completed by CPUC.	- CPUC progress report
	3.2 Number of men and women with increased capacities in GESI, DRM, PDNA and DRF	0	90 (women= 25)		

PART 2: PLANNED ACTIVITIES FOR NEXT QUARTER

Output 1: Strengthened gender sensitive Disaster Communication and Climate Monitoring Systems

Activities	Planned Activities for Q4 2020
1.1: Install VHF and HF radio in key emergency operations facilities	<ul style="list-style-type: none"> • Award the tender for radio equipment. • Deliver solar system for radio. • Develop scope of work for installation of radios.
1.2: Provide training course for maintenance of communication infrastructure and EOC management	<ul style="list-style-type: none"> • Develop training course.
1.3: Install chatty beetles	<ul style="list-style-type: none"> • To be cancelled.

Output 2: Enhanced gender sensitive National and State Disaster Responders readiness capacity

Activities	Planned Activities for Q4 2020
2.1: Improve technical and operational capacity of the NEOC	<ul style="list-style-type: none"> • Develop detailed design. • Initiate planning of tender for construction.
2.2: Construct Pohnpei State EOC	<ul style="list-style-type: none"> • Develop detailed design. • Initiate planning of tender for construction.
2.3: Reinstate Fire department capabilities in Kosrae	<ul style="list-style-type: none"> • Deliver forestry bucket truck (November 2020). • Monitor delivery of fire truck.

Output 3: Enhanced Community Disaster Resilience through improved water resource management, and integrated gender and social inclusion awareness

Activities	Planned Activities for Q4 2020
3.1: Improve emergency water management in Chuuk	<ul style="list-style-type: none"> • Complete activities to be implemented by CPUC. • Monitor delivery of portable water tanker.
3.2: Improve water management capacity in Yap	<ul style="list-style-type: none"> • Re-launch a tender of procuring materials and drilling rig. • Initiate a tender of civil work.
3.3: Conduct trainings (Post Disaster Needs Assessment (PDNA), Disaster Recovery Framework, Gender Equality and Social Inclusion (GESI))	<ul style="list-style-type: none"> • Conduct GESI training.

PART 3: PARTNERSHIP

Implementing Partner (IP) and Focal Point Contact (Title, email, fax, phone, address)	Type of Partnerships/Role	Duration of Partnership	Progress of Deliverables from Partnership (**)
Department of Environment, Climate Change and Emergency Management Mr. Andrew Yatilman	- Lead the overall intervention and responsible for strategic oversight	Whole project	Requests submitted

<p>Email: decem.fsm@gmail.com Tel.: (691) 320-8814/8815 Mr. Antholino Neth Email: antholino.neth@decem.gov.fm</p>	<p>- Member of project board</p>		
<p>State of Chuuk Mr. Kasio (Kembo) Mida, Jr Chuuk Public Utility Corporation CEO +691 330-2400 Email: Mr. Wilfred Robert Chuuk Disaster & Emergency Operations Center Director Email: wilfred.robert.cs@gmail.com</p>	<p>- Lead the intervention in Chuuk State</p>	<p>Whole project</p>	
<p>State of Kosrae Mr. Nena William Kosrae State Governor's Office Special Assistant for Disaster Management Email: kosraedco@gmail.com Mr. Rinson Phillip Chief of Police, Kosrae State Mr. Hairom Livaie Director Department of Transportation & Infrastructure Kosrae State Government Email: hivaie64@gmail.com</p>	<p>- Lead the intervention in Kosrae State</p>	<p>Whole project</p>	<p>Needs assessment submitted</p>
<p>State of Pohnpei Mr. Patrick Carl Chief, Fire and Emergency Services Email: patrickcarl72@gmail.com Mr Eden Skilling OIC/WSC FSM Weather Service Offices Email: eden.skilling@noaa.gov</p>	<p>- Lead the intervention in Pohnpei State</p>	<p>Whole project</p>	
<p>State of Yap Mr. John Guswel Manager, Southern Yap Water Authority Email: jguswel@gmail.com Mr. Victor Bamog Disaster Coordination Officer</p>	<p>- Lead the intervention in Yap State</p>	<p>Whole project</p>	

Email: yapdco@gmail.com			
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PART 4: RISK and ASSUMPTIONS

Update the **Risk Log** on this section.

Risk	Mitigation Action	Timeframe	Mitigation Progress Action
Natural Disasters in the North Pacific	Depending on the scale of the disaster, implementation may be delayed, as government will need to concentrate on disaster response to avoid loss of life. Efforts will be made to minimize impact of disaster on project timelines, to the extent possible.	Whole project duration	Water shortage is severe in Chuuk which resulted the urgent needs for a water truck. UNDP continues tracking the status of delivery with the awarded vender.
Engagement and coordination within FSM and Development Partners	Consultations will be done on a continuing basis taking into account the parameters of the funding modality, contingencies and limitations for flexibility.	Whole project duration	The project shares monthly progress and communicate with the counterparts and development partners.
Availability of Equipment from Suppliers and procurement delays	Mapping of potential suppliers will be done on a continuing basis in accordance with UNDP procurement guidelines. Support from UNDP Malaysia to be requested in the case of highly complex procurement.	Whole project duration	Procurement of fire truck and water truck would take more time than expected due to longer manufacturing and delivery lead time. UNDP will continue following up with the awarded supplier for the status and negotiate earlier delivery.
Staff Turnover	Need to ensure at least three or four personnel from relevant government offices are part of project discussions and implementation to ensure continuity in the event of staff turnover.	Whole project duration	State-level elections in November 2019 resulted in a change of officials, including at the Pohnpei Department of Public Safety and Pohnpei Office of Transportation and Infrastructure, which required additional time to establish smooth communication for decision making on the project activities. UNDP was able to continue communicating with the OICs.
Delayed implementation due to short time duration	UNDP will make every effort within its control to ensure the timely completion of the project. Should there be any delay UNDP is not to be blamed given the factors beyond its control which may derail the project.	Whole project duration	UNDP proposed a new timeframe for the project based on the current status of implementation.

Limited transportation to project sites	DECEM, UNDP and State Governments to jointly negotiate with government offices to use government-owned ships.	Whole project duration	The project continues to monitor the availability of flights especially after travel restriction posed due to COVID-19 outbreak. [Updated in June] Due to the COVID-19 pandemic, the shipping schedule of tree clearing equipment is delayed for around 3 months. The project is following with the awarded supplier continuously for the updated information.
Women and vulnerable people are left behind at disaster and emergency preparedness and response	Gender equality and social inclusion (GESI) modules to be included in planned trainings, and women participation to be ensured in all trainings. Gender-sensitivity and PWD principles to be included in building designs.	Whole project duration	The project encouraged counterparts to nominate both women and men to attend the PDNA training.
Asset Management	Government commitment to provide resources required for training, recurrent maintenance and institutional support to sustain assets beyond the project duration.	Whole project duration	The handover of rescue equipment was officially documented between UNDP and national government.
High precipitation in FSM in most parts of the year due to tropical island climate, especially from year-end to Q1, can significantly delay construction activities	Adverse weather conditions are beyond the control of the construction company but UNDP to ensure that the company plans its work schedule efficiently, taking advantage of the dry months as much as possible	Whole project duration	The project continues monitor the implementation schedule, taking this risk into consideration.
NEW RISK added in March 2020] Ongoing Covid19 pandemic may slow down procurement, deliveries, trainings, travel, and civil works.	Environmental	From March 2020	Due to this risk, the PDNA training, scheduled in Feb 2020 was postponed and national and state-level stakeholders were heavily involved in Covid19 Task Force which may delay our consultation and decision-making processes. UNDP will intensify monitoring of ongoing activities, maximize use of virtual meetings and increase coordination with suppliers and potential bidders. [Updated in June] Due to the difficulty to conduct all the planned scope of the A&E Design in-

			country given limitations posed by Covid19 and due to the excessively high bids received during the first tender, the scope was adjusted and the tender was re-launched to target local companies in order to expedite the activity.
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Activities (to be) affected by the COVID-19

Activity	Challenges caused (will be caused) by COVID-19
Procurement of HF/VHF radio (Activity 1.1)	<ul style="list-style-type: none"> • Transportation and training can be delayed by travel restrictions and limited transportation.
Installation of chatty beetles (Activity 1.3)	<ul style="list-style-type: none"> • University of Hawaii is fully engaged to COVID19 response which caused further delay of implementation. • Procurement, delivery, and installation may be delayed further due to the limited supply-chain and travel restrictions.
Expansion/Construction of National Emergency Operation Center (EOC) and Pohnpei EOC (Activity 2.1 and 2.2)	<p>A&E Design</p> <ul style="list-style-type: none"> • Based on the market research, it was difficult to conduct all the planned scope of the A&E Design in-country and requires international firms which exceeds our budget and will affect the implementation schedule due to the current travel restrictions. Therefore, the scope was adjusted, and the tender was re-launched to target local companies in order to expedite the activity. <p>[Updates 30 Sep]</p> <ul style="list-style-type: none"> • Topographic survey was changed to physical measurement after UNDP negotiated with the design company. Personnel who is qualified to conduct topographic survey was not able to return to FSM due to travel restriction. <p>Construction</p> <ul style="list-style-type: none"> • We may experience less interest for potential companies to participate in the tender. • Construction work may be delayed further due to the limited supply-chain and travel restrictions.
Supply of portable water tanker (Activity 3.1)	<ul style="list-style-type: none"> • Original ETA was October. Manufacturing chassis was delayed due to the closure of factory. New ETA is Feb 2021 (4 months delay). • Transportation cost may be increased.
Deep well and water treatment plant rehabilitation in Chuuk (Activity 3.1)	<ul style="list-style-type: none"> • Original end of LOA was July 2020. However, delivery of materials (AVG filters and lamella clarifiers) was delayed by Covid19 and this subsequently delayed civil works. CPUC is requesting for a no-cost extension until December 2020. (5 months delay)

	<ul style="list-style-type: none"> Due to travel restrictions, CPUC international consultant is managing the civil works in Chuuk remotely from overseas, in coordination with CPUC staff who are in Chuuk.
Improve water management capacity in Yap (Activity 3.2)	<ul style="list-style-type: none"> Low interest to participate the tender for supply of construction materials which resulted in cancellation of the tender. Cost may be increased, and it may take more time to import materials due to limited supply-chain. <p>[Updates 30 Sep]</p> <ul style="list-style-type: none"> Tender needs to re-launched due to low interest from potential bidders .
PDNA Training (Activity 3.3)	<ul style="list-style-type: none"> PDNA training, originally scheduled in Feb 2020 was postponed due to the travel restrictions applied before the training. (more than 5 months delay)
Project Management	<p>[Updates 30 Sep]</p> <ul style="list-style-type: none"> UNDP Project staff left an organization due to the changing work environment and COVID-19 situation at home. UNDP has assigned another personnel from the office.

PART 5: KNOWLEDGE MANAGEMENT AND COMMUNICATION

1. 4th Board Meeting (July 2020) - [Twitter](#)



2. Online Procurement Training (August 2020) – [Facebook](#) and [Twitter](#)



3. Handover and Training for woodchipper and chainsaws (September 2020) – [Facebook](#) and [Twitter](#)



Ongoing work by CPUC (Activity 3.1)



Cracks in raw water tank being prepared for application of 'crackbond' epoxy.



'crackbond' epoxy applied to the 'chip-groved' cracks.



Raw water tank rehabilitated at Pou WTP – July 2020

PART 6: KEY LESSONS LEARNT AND CHALLENGES

- It is important to continuously engage the Department of Transportation, Communications and Infrastructure (TC&I) and Pohnpei Office of Transportation and Infrastructure (T&I) and keep informed in order to secure their support to the construction of the NEOC and PSEOC. These offices will have an increased role in near future, particularly in the approval of the A&E design and monitoring of civil works.
- It is recommended to seek partnership agreement between the UNDP and NOAA in order to avoid delay of implementation due to establish a legal framework between the UNDP and the University of Hawaii (which has an agreement with NOAA) if the UNDP continues supporting North Pacific countries in the area of Meteorology.

PART 7: SUSTAINABILITY AND SCALING UP

N/A

PART 8: QUARTERLY FINANCIAL REPORT

	2019 (USD)	2020 (USD)	Total (USD)
EXPENDITURE			
O1- Strengthened Climate Risk Communication & Monitoring Systems	34,530	7,353	41,883
O2- Enhanced National and State Disaster Responders readiness capacity & better resourced to minimise loss of lives and damages	77,098	157,893	234,992
O3- Enhanced Community Disaster Resilience through improved water and food resource management, livelihood diversification and integrated disaster and social inclusive awareness	46,513	476,747	523,260
Total Program Expenditure	158,142	641,993	800,135
O4- Program Management Unit	<u>443,562</u>	<u>214,656</u>	<u>658,218</u>
Total Expenditure	<u>601,703</u>	<u>856,649</u>	<u>1,458,352</u>

* Tentative figure until 30 September 2020 retrieved from Combined Delivery Report (CDR) on 9 October 2020

PART 9: LIST OF EVIDENCE PROVIDED AS ANNEX

- Annex : Monthly Progress Reports (July-September 2020)

PART 10: QUALITY ASSUARANCE

PROJECT MANAGER	PROGRAMME ANALYST	RSD MONITROING & REPORTING OFFICER	RSD TEAM LEAD
Name:Yoko Ebisawa	Name:Floyd Robinson	Name:Ravikash Prasad	Name:wini fereti nainoca
Title: Project Manager	Title:Analyst	Title: Monitoring & Reporting Officer	Title:Team Leader - RSD
Signature: <i>Yoko Ebisawa</i>	Signature: <i>Floyd Robinson</i>	Signature: <i>Ravikash Prasad</i>	Signature <i>wini fereti nainoca</i>

ⁱ Chuuk State Census Report 2000 FSM Census of Population and Housing retrieved from https://spccfpstore1.blob.core.windows.net/digitallibrary-docs/files/f4/f4362ef2f82350d861bde221018ca720.pdf?sv=2015-12-11&sr=b&sig=xDDWzPsmwAiFjl8iFgg2l5coRYIjBoUnuRaaO4dwd4M%3D&se=2021-04-16T23%3A24%3A03Z&sp=r&rsc=public%2C%20max-age%3D864000%2C%20max-stale%3D86400&rsct=application%2Fpdf&rscd=inline%3B%20filename%3D%22FSM_2000_Census_Report_Chuuk.pdf%22

Annex: Monthly Progress Reports (July to September 2020)

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

Output Activities	Activity Details	Status as of July 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 new tender for HF/VHF radio and associated accessories was re-launched on 7 July 2020 with a deadline of 10 August 2020. A pre-bid meeting was held on 22 July 2020 via Zoom to respond to queries from potential bidders. • The selected bidder for solar power equipment was formally approved by UNDP on 16 July 2020. The purchase order for the said equipment was sent by UNDP to the selected bidder on 29 July 2020. 	<ul style="list-style-type: none"> • Commence evaluation of the HF/VHF radio tender once the deadline passes • Follow up with selected bidder for solar power equipment to confirm order
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 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,</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).

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

Output Activities	Activity Details	Status as of July 2020	Next Action
	<p>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>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"> As of 20 July 2020, a draft agreement between the University of Hawaii (UH) and the RMI Weather Service Office is under review by both parties. Once finalized, the same agreement may be used in FSM, to facilitate the purchase of the chatty beetles. 	<ul style="list-style-type: none"> Monitor progress of draft agreement between UH and RMI NWSO for possible use by FSM NWSO
<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. (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>	<ul style="list-style-type: none"> The evaluation of the tender for the design of the NEOC is in the final stages. Reference check is currently ongoing as well as preparation of other evaluation documents. 	<ul style="list-style-type: none"> Submit tender evaluation documents for approval and award contract

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

Output Activities	Activity Details	Status as of July 2020	Next Action
	<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>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> <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</p>	<ul style="list-style-type: none"> • The evaluation of the tender for the design of the PSEOC is in the final stages. Reference check is currently ongoing as well as preparation of other evaluation documents. 	<ul style="list-style-type: none"> • Submit tender evaluation documents for approval and award contract

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

Output Activities	Activity Details	Status as of July 2020	Next Action
	<p>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>[1] https://www.facebook.com/WPIAFC</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>[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 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
<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"> • One unit of Duratech TC-15 wood chipper and 3 Stihl chainsaws were delivered to Kosrae in the second to the last week of July 2020, and the items were retrieved from the port on 29 July 2020. Inspection is currently ongoing. • Manufacturing of the forestry bucket truck is in the final stages and expected to be 	<ul style="list-style-type: none"> • Formalize certification/acceptance of equipment in good condition • Arrange placement of stickers/seal on the wood chipper and chainsaws • Take photos and videos for audit, official reports, and communications • Monitor delivery of forestry bucket truck

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

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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>completed within the first half of August 2020.</p>	
<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. <p>Shallow well rehabilitation - labo equipment - Chlorine</p>	<ul style="list-style-type: none"> • As of 20 July 2020, well-flushing and mechanical and electrical (M&E) installations have been completed in 6 of 14 deep wells. Raw water tank crack repairs have also been completed. With the well flushing an overall average of 23% increase in productivity continues to be achieved. • Manufacturing of the water tanker is in the final stages and expected to be completed within the first half of August 2020. 	<ul style="list-style-type: none"> • CPUC to complete well-flushing and M&E installations in remaining 8 deep wells • CPUC to follow up on manufacturing and delivery of Lamella clarifier and AVG filters • Monitor delivery of water tanker

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

Output Activities	Activity Details	Status as of July 2020	Next Action
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"> The BOQ for Activity 1 (labour) is in the final stages of review and will be launched in late August 2020. A prior virtual training for potential bidders will be organized by UNDP prior to launching the tender for Activity 1. The tender for Activity 2 (materials and equipment including drilling rig) is likewise being reviewed by UNDP Malaysia and is expected to be launched within the first half of August 2020. The option to execute a letter of agreement (LOA) between UNDP and SYWA, in case the Activity 1 tender fails, was discussed during the Project Board meeting on 29 July 2020 and agreed. 	<ul style="list-style-type: none"> Organize virtual training for potential bidders, and launch tender for Activities 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"> As of 30 July 2020, SPC Micronesia has confirmed that it has drafted a concept note for the GESI training and has sent it to SPC Fiji for review. The draft concept note will be shared with UNDP and EDCR project stakeholders in August 2020. 	<ul style="list-style-type: none"> Follow up with SPC on GESI draft concept note Schedule of PDNA and other trainings to be established once travel situation normalizes.

Enhancing Disaster and Climate Resilience (EDCR) Project

Monthly Update August 2020

Output	Activities	Activity Details	Status as of August 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 tender for HF/VHF radio was closed on 10 Aug and evaluation is currently underway. • The supplier of solar power equipment (i.e. Delairco) formally accepted the UNDP Purchase Order on 10 August 2020 confirming the start of processing the order. Throughout the month, UNDP received various queries from the supplier on testing procedures for the equipment upon delivery, as well as the standard roof slope in FSM. UNDP is currently preparing the response in consultation with the UNDP telecommunication consultants. 	<ul style="list-style-type: none"> • Conclude evaluation of the HF/VHF radio tender • Schedule Zoom call between the supplier of solar system and the UNDP telecommunication consultants
Output 1	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 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</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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Monthly Update August 2020

Output Activities	Activity Details	Status as of August 2020	Next Action
	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"> Due to the lack of response from Ms Ginger Porter, Mr Eden Skilling of the FSM Weather Service Office requested to cancel the request for chatty beetles. This activity is cancelled. 	
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>	<ul style="list-style-type: none"> The recommended bidder to undertake the A&E design of the NEOC has been formally approved by UNDP and the contract awarded to R.S. Roque on 27 August 2020. Contract documentation is currently being prepared after which an inception meeting between DECEM and R.S. Roque will follow to commence the A&E design process. 	<ul style="list-style-type: none"> Conduct inception meeting with DECEM (i.e. enduser) and R.S. Roque to commence the design process

Enhancing Disaster and Climate Resilience (EDCR) Project

Monthly Update August 2020

Output Activities	Activity Details	Status as of August 2020	Next Action
Output 2.2. Construct one new Pohnpei State EOC and equip with emergency communication systems to meet functional standards	<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 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</p>	<ul style="list-style-type: none"> The recommended bidder to undertake the A&E design of the PSEOC has been formally approved by UNDP and the contract awarded to R.S. Roque on 27 August 2020. Contract documentation is currently being prepared after which an inception meeting between the Pohnpei Department of Public Safety and R.S. Roque will follow to commence the A&E design process. 	<ul style="list-style-type: none"> Conduct inception meeting with the Pohnpei Department of Public Safety (i.e. enduser) and R.S. Roque to commence the design process

Enhancing Disaster and Climate Resilience (EDCR) Project

Monthly Update August 2020

Output Activities	Activity Details	Status as of August 2020	Next Action
	<p>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>		
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>[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
Output 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.</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 	<ul style="list-style-type: none"> • The Bill of Lading (BoL) signed jointly by Mr Nena William and Mr Hairom Livaie as confirmation of receipt of the wood chipper and chainsaws were submitted to UNDP on 19 August 2020, followed by the photos and video of the equipment on 20 August 2020. Transfer documents to formalize the transfer of ownership of the equipment from UNDP to Kosrae DTI are currently being prepared. • The pre-shipping test on the forestry buck truck has been completed and the report was shared with and confirmed by Mr Nena William on 27 August 2020. The supplier has likewise confirmed that the forestry bucket truck will come with a trailer 	<ul style="list-style-type: none"> • Send transfer documents (transfer of ownership) to DTI for signing • Coordinate with supplier to organize enduser training on wood chipper and chainsaws • Monitor delivery of forestry bucket truck (ETA is mid-October 2020)

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Output Activities	Activity Details	Status as of August 2020	Next Action
	<ul style="list-style-type: none"> - 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 	ball hitch as requested by the enduser.	
<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"> • Well-flushing, M&E installations and other residual works in the remaining 8 deep wells have been carried out, thus completing the rehabilitation of a total of 14 deep wells as of 24 August 2020. • Civil works at the PoU WTP are currently on hold pending the expected delivery of the lamella clarifier and AVG filters in September 2020. • 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"> • CPUC to follow up on manufacturing and delivery of Lamella clarifier and AVG filters • Monitor delivery of water tanker
<p>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>	<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) 5. Water filtration equipment and controllers 	<ul style="list-style-type: none"> • The tender for Activity 2 (i.e. supply of materials and equipment including drilling rig) was launched by UNDP Procurement Support Unit (PSU) in Malaysia on 06 August 2020 with a deadline of 10 September 2020. • On 19 August 2020, a virtual Procurement Training was conducted by UNDP in collaboration with the Southern Yap Water Authority for 	<ul style="list-style-type: none"> • Launch tender for Activity 1; and commence evaluation of tender for Activity 2 once deadline passes

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Output Activities	Activity Details	Status as of August 2020	Next Action
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]	<p data-bbox="1312 212 1727 499">potential bidders (civil works), in preparation for the tender for Activity 1 (i.e. labor). The BOQ for Activity 1 is currently being finalized and is expected to be launched in September 2020. A total of 21 participants attended the Procurement Training, 5 of whom were female.</p> <ul data-bbox="1263 512 1727 833" style="list-style-type: none"> As of 26 August 2020, UNDP and SPC have agreed on a draft agenda for the GESI training. The draft agenda, participant list and other training arrangements will be shared with DECEM for inputs and confirmation. The proposed date for the training is 6-8 October 2020. Due to the Covid19 travel ban, PDNA training continues to be on hold. 	<ul style="list-style-type: none"> UNDP and SPC to meet with DECEM to discuss draft agenda and proposed training date UNDP and SPC to meet with DHSA and DRD to request for speakers for GESI training

Annex: Monthly Progress Reports (July to September 2020)

Enhancing Disaster and Climate Resilience (EDCR) Project

Monthly Update July 2020

Output	Activities	Activity Details	Status as of July 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 new tender for HF/VHF radio and associated accessories was re-launched on 7 July 2020 with a deadline of 10 August 2020. A pre-bid meeting was held on 22 July 2020 via Zoom to respond to queries from potential bidders. • The selected bidder for solar power equipment was formally approved by UNDP on 16 July 2020. The purchase order for the said equipment was sent by UNDP to the selected bidder on 29 July 2020. 	<ul style="list-style-type: none"> • Commence evaluation of the HF/VHF radio tender once the deadline passes • Follow up with selected bidder for solar power equipment to confirm order
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,	<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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Output Activities	Activity Details	Status as of July 2020	Next Action
	<p>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>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"> As of 20 July 2020, a draft agreement between the University of Hawaii (UH) and the RMI Weather Service Office is under review by both parties. Once finalized, the same agreement may be used in FSM, to facilitate the purchase of the chatty beetles. 	<ul style="list-style-type: none"> Monitor progress of draft agreement between UH and RMI NWSO for possible use by FSM NWSO
<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. (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>	<ul style="list-style-type: none"> The evaluation of the tender for the design of the NEOC is in the final stages. Reference check is currently ongoing as well as preparation of other evaluation documents. 	<ul style="list-style-type: none"> Submit tender evaluation documents for approval and award contract

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Output Activities	Activity Details	Status as of July 2020	Next Action
	<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>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> <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</p>	<ul style="list-style-type: none"> • The evaluation of the tender for the design of the PSEOC is in the final stages. Reference check is currently ongoing as well as preparation of other evaluation documents. 	<ul style="list-style-type: none"> • Submit tender evaluation documents for approval and award contract

**Enhancing Disaster and Climate Resilience (EDCR) Project
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Output Activities	Activity Details	Status as of July 2020	Next Action
	<p>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>[1] https://www.facebook.com/WPIAFC</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>[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 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
<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"> • One unit of Duratech TC-15 wood chipper and 3 Stihl chainsaws were delivered to Kosrae in the second to the last week of July 2020, and the items were retrieved from the port on 29 July 2020. Inspection is currently ongoing. • Manufacturing of the forestry bucket truck is in the final stages and expected to be 	<ul style="list-style-type: none"> • Formalize certification/acceptance of equipment in good condition • Arrange placement of stickers/seal on the wood chipper and chainsaws • Take photos and videos for audit, official reports, and communications • Monitor delivery of forestry bucket truck

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Output Activities	Activity Details	Status as of July 2020	Next Action
	<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>completed within the first half of August 2020.</p>	
<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. <p>Shallow well rehabilitation - labo equipment - Chlorine</p>	<ul style="list-style-type: none"> • As of 20 July 2020, well-flushing and mechanical and electrical (M&E) installations have been completed in 6 of 14 deep wells. Raw water tank crack repairs have also been completed. With the well flushing an overall average of 23% increase in productivity continues to be achieved. • Manufacturing of the water tanker is in the final stages and expected to be completed within the first half of August 2020. 	<ul style="list-style-type: none"> • CPUC to complete well-flushing and M&E installations in remaining 8 deep wells • CPUC to follow up on manufacturing and delivery of Lamella clarifier and AVG filters • Monitor delivery of water tanker

**Enhancing Disaster and Climate Resilience (EDCR) Project
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Output Activities	Activity Details	Status as of July 2020	Next Action
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"> The BOQ for Activity 1 (labour) is in the final stages of review and will be launched in late August 2020. A prior virtual training for potential bidders will be organized by UNDP prior to launching the tender for Activity 1. The tender for Activity 2 (materials and equipment including drilling rig) is likewise being reviewed by UNDP Malaysia and is expected to be launched within the first half of August 2020. The option to execute a letter of agreement (LOA) between UNDP and SYWA, in case the Activity 1 tender fails, was discussed during the Project Board meeting on 29 July 2020 and agreed. 	<ul style="list-style-type: none"> Organize virtual training for potential bidders, and launch tender for Activities 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"> As of 30 July 2020, SPC Micronesia has confirmed that it has drafted a concept note for the GESI training and has sent it to SPC Fiji for review. The draft concept note will be shared with UNDP and EDCR project stakeholders in August 2020. 	<ul style="list-style-type: none"> Follow up with SPC on GESI draft concept note Schedule of PDNA and other trainings to be established once travel situation normalizes.