

QUARTERLY PROGRESS REPORT Q2 2020 (JUL-SEP 2020)

PROJECT TITLE: Enhancing Disaster and Climate Resilience in the Republic of Palau through improved Disaster Preparedness and Infrastructure

PROJECT NUMBER: 00115303

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: 00115303

PIMs ID Number: N/A

Implementing Partners: UNDP (Direct Implementation Modality)

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

Output 1: Strengthened Disaster Communication and Climate and Tsunami Monitoring Systems

- Solar systems for radio equipment are under manufacturing after the contract was concluded in July 2020. (Activity 1.1)
- The tender to supply HF and VHF radios was closed in August and is under the evaluation stage. (Activity 1.1)
- Market research on siren system was conducted. LOA for installing radios and procuring/installing siren system was drafted (Activity 1.2)
- 4 Automatic Weather Stations were assembled and ready for shipping to Palau (Activity 1.3 and 1.4).
- Evaluation of the tender for AM tower reconstruction was concluded and under UNDP internal review (Activity 1.5).

Output 2: Enhanced National and State Disaster Preparedness Capacity

- Contract for retrofit of NEOC was concluded in August 2020 by the Bureau of Public Works, and **demolition work initiated in September 2020**. (Activity 2.2)
- Evaluation of the tender for LiDAR study was concluded and under UNDP internal review (Activity 2.3)

Output 3: Enhanced Community Disaster and Climate Resilience through Improved Energy, Water, Food and Cultural Resources Management

- Solar systems to be supplied for 3 schools in South Western States are under manufacturing after the contract was concluded in July 2020. (Activity 1.1)

- Ministry of Communities and Cultural Affairs submitted a draft Disaster Risk and Climate Change Impact Survey in the Republic of Palau and draft comic for communication (Activity 3.4).
- Procurement of vehicles was contracted in April (Activity 3.2 and 3.4).

Project Management:

- **The 2nd Handover event was held on 14 August 2020 for a boat, search and rescue equipment, 2 SUVs and 1 pick-up truck.**
- The stakeholder meeting was held on 21 July and the 3th project board meeting was held on 23 July 2020.

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	BASE LINE	ANNUAL TARGETS	OUTPUTS INDICATORS RESULTS as of March 2020	EVIDENCE (SOURCE, LINK)
Output 1 Strengthened Disaster Communication and Climate and Tsunami Monitoring Systems GEN 2	1.1 # of States with upgraded (i.e. redundancy, marine grade, energy efficient, gender sensitive) climate and tsunami early warning system installed and operational ¹	0	16	1.1: 0 1.2: 0 1.3: 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 disaster communications, climate and tsunami early warning systems	0	17,661 ² Male=9,433 Female=8,228	- Tender was launched for AM tower reconstruction was closed in March 2020 and under evaluation.	
	1.3 # men and women with potential access to AM radio broadcasting coverage	0	17,661 ³ Male=9,433 Female=8,228		
Output 2 Enhanced National and State Disaster Preparedness 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, physical	0	33 (Women=8)	2.1: 0 2.2: 70% 2.3: 5 - Demolition work for NEOC refurbishment was initiated by the	- LOA with BPW

¹ The equipment to be provided as part of the Early Warning Systems comprises VHF/HF marine grade radio and antennas, and sirens network. Currently, the equipment is incomplete and/or deteriorated due to deficiencies in the type of equipment. No sirens are installed in the country.

² Population of Palau according to the Census, 2015

³ Population of Palau according to the Census, 2015

	base data, equipment and gender sensitive guidelines)			Bureau of Public Works.	
	2.2 Scale (%) of upgrading of the National Emergency Operational Centre with appropriate infrastructure and equipment to facilitate information management and effective coordination	0	100% (Women=8)		
	2.3 # emergency storage facilities provided/installed	0	5		
Output 3 Enhanced Community Disaster and Climate Resilience through improved energy, water, food and cultural resources management GEN 2	3.1 # men and women with access to access to educational / evacuation facilities provided with renewable energy services within 3 Southwestern islands (2 states: Sonsorol and Hato Hobei)		64* Male= 37 Female= 27 Disaggregated data by islands Sonsorol Female (6); Male (10): 16 total Pulu Ana Female (6); Male (4) 10 total Tobi Females (15) and (23) males 38 total	3.1: 0 3.2: 10 3.3: 34 (18 men and 16 women) - Solar system for 3 Southwestern islands is under manufacturing. - Assessment of 10 cultural sites was conducted including the mission to Tobi in February 2020. - PDNA training was conducted in February, attended by 34 participants (18 men and 16 women).	- Tender documents - Draft report of assessment of cultural sites
	3.2 # cultural heritage sites with vulnerability assessment and DRR strategies owned by the Palau Government		10	Ministry of Communities and Cultural Affairs submitted a draft Disaster Risk and Climate Change Impact Survey in the Republic of Palau and draft comic for communication.	
	3.3 Number of men and women with increased capacities in GESI in DRM, PDNA/DRF		90 (women= 36 ⁴)		
OVERALL OUTPUT PROGRESS RESULTS				Progress Keys:	

⁴ Number of women participating in the training sessions will be emphasized expecting to achieve a 40% of the total number of participants

*Statistics Office

PART 2: PLANNED ACTIVITIES FOR NEXT QUARTER**Output 1: Strengthened Gender Sensitive Disaster Communication and Climate and Tsunami Monitoring Systems**

Activities	Planned Activities for Q3 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. • Conclude the LOA between the UNDP and PNCC for the instalment of HF/VHF radio.
1.2: Install tsunami and multi-hazard warning sirens in key vulnerable locations	<ul style="list-style-type: none"> • Conclude the agreement between the UNDP and PNCC for the procurement and instalment of siren system
1.3: Repair/Install Automated weather stations related equipment	<ul style="list-style-type: none"> • Delivery of AWS.
1.4: Install wave rider buoys	<ul style="list-style-type: none"> • UH to initiate procurement of buoys.
1.5: Reconstruction of AM Frequency Modulation Tower	<ul style="list-style-type: none"> • Award the contract of AM frequency modulation tower and initiate the activity. • Increase transformers with PPUC to supply enough power for the AM tower.
1.6: Training course for young technicians on how to maintain the current communications Infrastructure	<ul style="list-style-type: none"> • Design the training course for young technicians for maintenance of communication infrastructure. • Develop a list of candidates approved by PCC and NEMO
1.7: Conduct a Protection, Gender and Social Inclusion in Disaster Risk Management training	<ul style="list-style-type: none"> • Preparation of a gender training with partnership with Bureau of Aging, Disability, and Gender as well as IFRC and SPC.

Output 2: Enhanced Gender Sensitive National and State Disaster Preparedness Capacity

Activities	Planned Activities for Q3 2020
2.1: Provide appropriate and improved disaster preparedness and response equipment to NEMO	<ul style="list-style-type: none"> • Initiate the procurement process of ICT equipment for EOC.
2.2: Retrofit the National Emergency Operations Centre (NEOC) facility	<ul style="list-style-type: none"> • Continue civil works for NEOC retrofit by BPW.
2.3: Conduct LIDAR Imagery remote sensing mapping	<ul style="list-style-type: none"> • Award the tender for LiDAR survey. • Initiate the procurement process ICT equipment.
2.4: Provide key strategic islands with mobile storage facilities to store emergency stockpiles/supplies, emergency equipment	N/A (Activity completed)

Activities	Planned Activities for Q3 2020
2.5: Appropriate equipping of emergency disaster response stations, East coast and Westcoast of Babeldaob island with response and rescue vehicles	<ul style="list-style-type: none"> Following up the delivery schedule of fire truck.
2.6: Provide key disaster responders and Search & Rescue institutions with 2 portable man packs HF radio	N/A (Activity completed)

Output 3: Enhanced Community Disaster and Climate Resilience through Improved Energy, Water, Food and Cultural Resources Management

Activities	Planned Activities for Q3 2020
3.1: Provide emergency backup power for schools as evacuation centres in Sonsorol, Pulo Anna and Hatohobei	<ul style="list-style-type: none"> Following up the delivery schedule of solar system. Develop a sustainability plan by MoE.
3.2: Restoration and protection of cultural heritage sites in coastal communities rated high risk	<ul style="list-style-type: none"> Finalize survey report by MCCA. Finalize coming writing
3.3 Procure a double function vehicle for the Fire Department, to secure water resources during droughts	<ul style="list-style-type: none"> UNDP is following up for the delivery schedule.
3.4 Throughout this project, the NWSO and NEMO will be provided with vehicles and boats to improve their capacity to access the areas where the monitoring equipment will be installed as well as to support evacuation and humanitarian assistance in case of disasters.	<ul style="list-style-type: none"> Continue civil works for the Fire Department shed by BWP. Delivery of 3.5t truck
3.5 Purchase of Search and Rescue Equipment	N/A (Activity completed)
3.6 Conduct a Protection, Gender and Social Inclusion in Disaster Risk Management training	<ul style="list-style-type: none"> Please see 1.7 above
3.7 Conduct PDNA and DRF Training of Trainers to key government sectors	N/A (Activity completed)

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 (**)
Waymine Towai National Emergency Management Office (NEMO) – Executive Director Email: nemo.coordinator@palaugov.org	<ul style="list-style-type: none"> - Lead the overall intervention - Member of Project Board - Implementing partner for EOC and telecommunication improvement 	Whole project	His office is directly involved with all activities.
Maria Ngemaes NOAA NWS WSO - Meteorologist-In-Charge Email: Maria.ngemaes@noaa.gov	<ul style="list-style-type: none"> - Implementing partner for Activity 1.3 Installation of Automatic Weather Stations and Activity 1.4 Installation of Waive Ryder Buoys - Member of Project Board 	Whole project	Ongoing
Mannix Blaluk Radio engineer Eunice Mekisang Director Bureau of Domestic Affairs - Email: mblaluk@gmail.com	Implementing partner for Activity 1.5	Whole project	Ongoing
David Idip PALARIS - Senior GIS analyst Email: davididip@gmail.com	<ul style="list-style-type: none"> - Implementing partner for Activity 2.3 preparation of the LIDAR study 	Whole project	Ongoing
Ray Mechol Ministry of Education - Chief of School Management Email: rmechol@palaumoe.net	<ul style="list-style-type: none"> - Implementing partner for Activity 3.1 Installation of solar panels in 3 selected schools in outer islands 	Whole project	Ongoing
Meked Besebes Bureau of Aging, Disability, and Gender Chief of Division of Gender Email: meked.mcca.rop@gmail.com	<ul style="list-style-type: none"> - Implementing partner for 1.7 and 3.6 Conduct a Protection, Gender and Social - Inclusion in - Disaster Risk - Management training - 	Whole project	Ongoing
Philip Godwin Bureau of Public Safety	Implementing Partner for Activity 2.5 and 3.3	Whole Project	Ongoing

<p>Ministry of Justice, Division of Fire and Rescue</p> <p>Chief</p> <p>philipgodwin13@gmail.com</p>	<p>Procurement of Fire trucks.</p> <p>- Activity 3.5 Purchase of Rescue and Search Equipment and 3.5 Roofing of Fire Department</p>		
<p>Sunny Ngirmang</p> <p>Bureau of Cultural and Historical Preservation – Director</p> <p>Email: Bac_reg@palaunet.com</p> <p>Bac_arch@palaunet.com</p>	<p>- Implementing partner for Activity 3.2 development of the cultural sites vulnerability assessments</p>	Whole project	Ongoing
<p>Myers Techitong</p> <p>Palau National Communication Corporation</p> <p>tmyers@palaunet.com</p>	<p>- Implementing partner for Activity 1.1 and 1.2 installation of the radio communication equipment and sirens</p>	Whole project	Ongoing
<p>Dr. Patrick Tellei</p> <p>Palau Community College</p> <p>President</p> <p>tellei@palau.edu</p>	<p>Support for Activity 1.6 training process in telecommunications</p>	Whole project	Ongoing
<p>Brian Melairei</p> <p>Director</p> <p>Division of Capital Improvement Project, Bureau of Public Works, Ministry of Public Infrastructure, Industries and Commerce</p> <p>melairei@gmail.com</p>	<p>- Implementing partners for Activity 3.5 and 2.2 Retrofit of NEOC and Roofing of the Fire Department</p>	Whole project	Ongoing
<p>Litea Buitoko</p> <p>liteab@spc.int</p> <p>SPC</p> <p>Pacific Community</p>	<p>- Implementing partners for Activity 3.7 PDNA training</p>	Activity 3.7	Finalised
<p>Kim Robertson</p> <p>kimr@spc.int</p> <p>Advisor – Gender Statistics, Progressing Gender Equality in the Pacific Project II</p> <p>Pacific Community</p> <p>(678) 775 2527 Fiji; (679) 788 2540</p>	<p>- Implementing partners for Activity 1.7 and 3.6</p>	Activity 1.7 and 3.6	Ongoing

Lemau Afamasaga IFRC Disaster Risk Management Delegate, North Pacific Sub-Office (Palau, Micronesia, Marshall Islands) lemau.afamasaga@ifrc.org	- Implementing partners for Activity 1.7 and 3.6	Activity 1.7 and 3.6	Ongoing
Maireng Sengebau Director Palau Red Cross execdir@palauredcross.org	- Implementing partners for Activity 1.7 and 3.6	Activity 1.7 and 3.6	Ongoing
Gandhi Ngirmidol Chief, Division of Grants Bureau of National Treasury Ministry of Finance Milan Isack Chief, Property & Supply Division Property & Supply Division Ministry of Finance	- All LOA with the Government entities	Activity 1.3, 1.4, 2.2, and 3.2	Ongoing
Tessy Nobuo President Jenilee Sokau Vice President Omekasang tessnobuo@gmail.com jsokau.js@gmail.com	- Implementing partners for Activity 1.7 and 3.6	Activity 1.7 and 3.6	Ongoing

PART 4: RISK and ASSUMPTIONS

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

Risk	Mitigation Action	Timeframe	Mitigation Action Progress as of Jun 2020
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Natural Disasters in the North Pacific	Preparedness activities will need to be activated and cease project implementation in the event of warnings issues by the National Emergency Management Office (NEMO).	Whole project duration	Project continues monitoring the situation.
Engagement and coordination within Palau and Development Partners	Consultation space need to be very open, frank and accommodative being mindful of the parameters of the funding modality, contingencies and allow room for flexibility.	Whole project duration	The project shares monthly progress and communicate with the counterparts and development partners.
Availability of Equipment from Suppliers.	Mapping of preferred supplies and/or existing suppliers and internal arrangements can still be made based on best practices consistent with UNDP Procurement guidelines.	Whole project duration	Procurement specialist and country procurement officer in place, putting into implementation procurement plan in coordination with counterparts
Procurement Delays	Mapping of preferred supplies and/or existing suppliers and internal arrangements can still be made based on best practices consistent with UNDP Procurement guidelines.	Whole project duration	Procurement specialist and country procurement officer in place, putting into implementation procurement plan in coordination with counterparts
Staff Turnover	Need to ensure at least three or four personnel from the relevant government line Ministries are part of the project design, conceptualisation and implementation for ownership and sustainability purposes.	Whole project duration	All counterparts involved with one-two representatives in project implementation
Logistic challenges (e.g. disease epidemic, land tenure issues)	Preparedness on preventive/containment measures and consultation with key stakeholders	Whole project duration	Please see the last risk related to COVID-19.
Weather condition affects the implementation of activities which require travels	Need to ensure that the activity will plan with alternative schedule.	Whole project duration	Project assured the weather is fine to proceed the mission to Tobi from the National Weather Service Office (NWSO).
COV19 Pandemic	Project has a contingency plan that outlines 6 different activities that may be impacted in the delivery time by the restrictions of flights and social distancing. Project will progress on procurement process and evaluations during the time of the	From March 2020	[Updated in June 2020] Considering the ongoing travel restriction currently imposed, the project is seeking supports from the counterpart to permit some essential persons to enter into Palau.

	outbreak. Project will also maximize the use of virtual meetings.		The project is also considering organizing a partial virtual gender training.
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Activities (to be) affected by the COVID-19

Activity	Challenges caused (will be caused) by COVID-19
Supply of Radio and solar system (Activity 1.1 and 3.1)	<ul style="list-style-type: none"> • Transportation and training can be delayed by COVID 19 travel restrictions and limited transportation.
Procurement of automatic weather station (Activity 1.3)	<ul style="list-style-type: none"> • Installation and training may be delayed as experts need to travel to Palau which may be restricted. • [Updates 30 Sep] • Additional cost (estimated \$2,100) may be required in order to dispatch missions when quarantine in Palau or original/transit countries are required.
Procurement of wave rider buoys (Activity 1.4)	<ul style="list-style-type: none"> • Installation and training may be delayed as experts need to travel to Palau which may be restricted. • [Updates 30 Sep] • Additional cost (estimated \$8,400) may be required in order to dispatch missions when quarantine in Palau or original/transit countries are required.
AM Broadcaster system rehabilitation (Activity 1.5)	<ul style="list-style-type: none"> • Additional cost (estimated \$50,000) may be required in order to dispatch missions when quarantine in Palau or original/transit countries are required.
Training of protection, gender, and social inclusion and DRM (Activity 1.7 and 3.6)	<ul style="list-style-type: none"> • Planning process delays as counterpart have experienced high level of commitment to address COVID19. Requirement of social distancing from March limits preparation meetings. (Estimated delay: 5 months)
LiDAR survey (Activity 2.3)	<ul style="list-style-type: none"> • The procurement of LiDAR survey was cancelled as the procurement was advertised before the COVID19 pandemic and additional conditions were required to add to the original bidding document. Second round of limited competition was recommended after revising the bidding document. (Estimated delay: 6 months) • The price proposal might be higher than the original proposal.
Supply of Rescue Pumper Tanker and Elliptical Tanker (Activity 2.5 and 3.3)	<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.
Supply of solar system for schools (Activity 3.1)	<ul style="list-style-type: none"> • Training may be delayed as experts need to travel to Palau which may be restricted.

Project Management

[Updates 30 Sep]

- 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. Second official handover ceremony

Tia Belau 17 August 2020

Island Times 18 August 2020

Press release

www.pacific.undp.org/content/pacific/en/home/presscenter/pressreleases/2020/strengthening-palau-disaster-response-and-resilience-to-hazards

Photos produced for the Second Official handover

UNDP Pacific FB:

<https://www.facebook.com/UNDP.Pacific/posts/3148025535252494>

Twitter Page:

https://twitter.com/UNDP_Pacific/status/1295259931193442304

Video produced for the Second Official handover



UNDP Pacific FB:

- <https://www.facebook.com/207379865983757/posts/3177114179010296/?vh=e&d=n>

Twitter Page:

- https://twitter.com/UNDP_Pacific/status/1299103569509982208

2. Total 12 Newsletters distributed to all national partners up to date



Output 1	Lead National Partners	Status as of April	Next Action
1.1 Install VHF and HF radio in key emergency operations facilities	NEMO PNCC	<ul style="list-style-type: none"> The mission for HACT micro assessment was dispatched in early March. The draft report was submitted. Awaiting for PNCC's review and their inputs. The evaluation of the bids for HF and VHF radio communication equipment, and solar power, is ongoing. Awarding of contract is expected to take place in April 2020. 	<ul style="list-style-type: none"> Finalize Technical evaluation of procurements of radios and solar panels. Finalize HACT micro assessment to PNCC. UNDP will make a Letter of Agreement (LOA) directly with PNCC for the installation. Once the radios come to Palau a telecom expert will arrive and check the equipment and do the programming.
1.2 Install sirens (including of repeater stations) in key locations	NEMO PNCC	<ul style="list-style-type: none"> The mission for HACT micro assessment was dispatched in early March. The draft report was submitted. Awaiting for PNCC's 	<ul style="list-style-type: none"> Finalize HACT micro assessment to PNCC. UNDP will make a Letter of Agreement (LOA) directly with to

PART 6: KEY LESSONS LEARNT AND CHALLENGES

- It is important to engage Bureau of Public Works for the activity of the NEOC refurbishment from the initiation stage of the project implementation in order to obtain supports for the construction and obtained local expertise.
- It is important to coordinate with other UN organizations (WHO or UNICEF) to procure thermometers requested by NEMO to respond the needs from COVID-19 pandemic instead of approaching to nearby vendors as the equipment is shortage of stock globally.
- 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 gender sensitive disaster communication and climate and Tsunami monitoring systems	66,156	31,763	97,919
O2- Enhanced gender sensitive national and state disaster preparedness capacity	63,361	182,443	245,803
O3- Enhanced community disaster and climate resilience through improved energy, water, food and cultural resource management	69,800	567,523	637,324
Total Program Expenditure	199,316	781,729	981,046
O4- Program Management Unit	<u>448,820</u>	<u>263,988</u>	<u>712,808</u>
Total Expenditure	<u>648,136</u>	<u>1,045,718</u>	<u>1,693,854</u>

* Tentative figure until 30 September 2020 retrieved from Combined Delivery Report (CDR) on 14 October 2020

PART 9: LIST OF EVIDENCE PROVIDED AS ANNEX

- Annex 1: Monthly Progress Report (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: winifereti nainoda
Title: Project Manager	Title: Analyst	Title: Monitoring & Reporting Officer	Title: Officer Team Leader - RSD
Signature: <i>Yoko Ebisawa</i>	Signature: <i>Floyd Robinson</i>	Signature: <i>Ravikash Prasad</i>	Signature: <i>winifereti nainoda</i>

Annex 1: Monthly Progress Report (July-September 2020)

Project: Enhancing Disaster and Climate Resilience in the Republic of Palau through improved Disaster Preparedness and Infrastructure

Palau Monthly Report July 2020

Output	Activities	Activity Details	Status as of July 2020	Next Action
Output 1	1.1 Install VHF and HF radio (incl. of climate proofing) in key emergency operations facilities.	<p>A network of VHF and HF radio for the State Governments will be installed according to the request made by the National Emergency Management Office (NEMO).</p> <p>Summary of the requested equipment</p> <p>HF system</p> <ul style="list-style-type: none"> • Tobi state : 2 sites (both w/ Email) includes the main Koror office and the remote • Sonsorol state: 2 sites (both with email) w/Koror/remote. • Helen reef: 1 HF (without HF email) • Merir island 1 HF (without HF email) • Pulo Ana 1 HF (without HF email) • NEMO : needs HF email 	<ul style="list-style-type: none"> • Tender for radio equipment was re-advertised on 7 July with a pre-bid meeting 22 July. The deadline has been extended to 10 August from the original date 5 August. • Delairco Japan KK (Japan) was awarded with the solar power equipment. • UNDP and PNCC are drafting a Letter of Agreement (LOA) directly with PNCC for the installation. 	<ul style="list-style-type: none"> • Close tender and evaluation of bids for radio • Finalize LOA with PNCC. • Discuss with PNCC and NEMO for installation plan. • Once the radios come to Palau a telecom expert will arrive and check the equipment and do the programming.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
		<ul style="list-style-type: none"> • Education : needs HF email. • Hospital : needs HF email <p>VHF system</p> <p>Kayangel, Peleliu and Angaur.</p> <p>Other equipment involves battery bank, solar panels, battery supply charger</p>		
Output 1	1.2 Install tsunami and multi-hazard warning sirens (incl of repeater stations) in key vulnerable locations.	The early warning systems will include multi direction sirens to be installed in 13 States, according to NEMO request. The control centre for the sirens is proposed to be located at the NEMO facility. According to information provided by NWS and the decisions taken by the NEMO, the staff on duty could select only certain areas to sound the alarm or every siren at the same time. The sirens system will complement the community	<ul style="list-style-type: none"> • Integrate Fiber/GSM activation mode into the technical specifications. • UNDP and PNCC are drafting a Letter of Agreement (LOA) directly with PNCC for the installation. 	<ul style="list-style-type: none"> • Revise the estimation cost of system activated with Fiber (GSM backup) to accommodate 21 sirens. • NEMO and PNCC to decide the scope of intervention for siren system.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
		preparedness initiative currently under implementation by the NEMO.		
Output 1	1.3 Repair/Install Automated weather stations related equipment in key strategic and vulnerable locations both existing and non-existing according to WMO guidelines.	<p>In coordination with the NWSO, 4 automated weather stations to complement the capacities to monitor weather conditions.</p> <p>The regular AWS will be located in Kayangel, Melekeok, Koror and Peleliu States.</p> <p>The equipment will be installed in State Government property land, and the maintenance will be done by the NWS technical officers (by using the 13 technical officers in main station and the 5 observers in the field).</p>	<ul style="list-style-type: none"> NWSO had an initial project meeting with the contractor at a planning level. Company initiated procurement of equipment. 	<ul style="list-style-type: none"> NWSO and the company expect to assemble the automatic weather stations during September.
Output 1	1.4 Install 4 wave rider buoys to determine ocean conditions and surface wave monitoring	The NWSO has requested to modify the original request of a DART buoy for 4 wave riders buoys (3 to be installed and one spare). Considering their proximity to the coast lines, the Wave rider Buoys will enable NWSO to plan and predict level of erosion and saltwater intrusion	<ul style="list-style-type: none"> Draft agreement between NWSO and University of Hawaii Office of Research Services (PacIOOS) was prepared, awaiting for final document signature. 	<ul style="list-style-type: none"> UoH to start implementation.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
		through storm damage and waves on coastal areas; and to make decisions oriented to the protection of natural ecosystems.		
Output 1	1.5 Reconstruction of AM Frequency Modulation Tower	The AM radio tower collapsed during Typhoon Bopha in 2012. From then on, the government radio broadcast operates only in FM, covering the area around Koror (approximately 50% of the country population). The AM radio tower to be rebuilt within this Project will expand the coverage to the entire population, including the Southwestern islands. A complete assessment report was submitted by the Department of Domestic Affairs, including the type of equipment required for the reconstruction of the AM tower, the installation of the respective equipment and the construction of a shelter (to house the AM and FM radio equipment, and a mini studio).	<ul style="list-style-type: none"> • Technical Evaluation of bids was finalized and currently under financial evaluation. 	<ul style="list-style-type: none"> • Conclude process and proceed UNDP internal approval process.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
Output 1	1.6 Training course for young technicians on how to maintain the current communications Infrastructure	In order to increase current and future capacities to install, repair, maintain and manage telecommunication equipment the Project has started some discussions with the Palau Community College to develop a training course for students majoring in Electronics.	<ul style="list-style-type: none"> UNDP Palau EDCR met with Chief of Continuing Education from PCC and agreed on the form to be use for the registration of potential candidates. 	<ul style="list-style-type: none"> Meeting to be schedule with all relevant national partners (PCC, PNCC, PEA, NEMO) and telecom expert to agree on possible content. Start preparation of the program with telecom experts. Form to be distributed to the potential candidates for pre-registration.
Output 1	1.7 Conduct a Protection, Gender and Social Inclusion in Disaster Risk Management training	The Bureau of Gender, Aging and Disabilities is keen to promote a participatory process within the National Emergency Committee to review the instruments currently used for data collection in humanitarian assistance. This activity is linked to the training in Gender in Humanitarian Action (GiHA) proposed in Component 3, building upon the capacities already developed in country through a training	<ul style="list-style-type: none"> Due to COV19 and social distancing measures in place this activity has been not updated for this month. 	<ul style="list-style-type: none"> Main counterpart to meet to finalize agenda and agree on the facilitation.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
		of trainers course developed by UN-Women in 2018.		
Output 2	2.1 Provide appropriate and improved disaster preparedness and response equipment to NEMO (purchase of generator to complement existing one)	<p>The project will provide the National EOC with the required equipment for information management, monitoring and coordination.</p> <p>This may include:</p> <p>computers and software, multimedia equipment, communication equipment (telephone, WIFI and fibre optic, if possible).</p>	<ul style="list-style-type: none"> • PNCC is concluding the improvement of NEOC internet capacity as part of the ICT equipment. 	<ul style="list-style-type: none"> • BPW and Telecom expert to discuss on ICT equipment and floor plan.
Output 2	2.2 Retrofit the National Emergency Operations Centre (NEOC) facility to meet international and functional standards.	The conference/meeting room of the NEOC will be expanded to accommodate the increasing number of representatives from the National Disaster Management Team. Moreover, an information management room will be added to the existing building.	<ul style="list-style-type: none"> • BPW awarded a contract for NOEC retrofit on 22 July 2020. 	<ul style="list-style-type: none"> • Sign a contract by the 1st week of August.

Annex 1: Monthly Progress Report (July-September 2020)**Palau Monthly Report July 2020**

Output	Activities	Activity Details	Status as of July 2020	Next Action
Output 2	2.3 Conduct LIDAR Imagery remote sensing mapping over key and vulnerable locations. High Resolution Digital Elevation Models (DEM) for Inhabited Coastal Areas developed	The Office of the Palau Automated Land and Resource Information System (PALARIS) is the main counterpart to prepare a topographic map (1m resolution) for the islands of Kayangel, Babeldoab, Koror, Peleliu, Angaur, Sonsorol and Hatohobei (for an approximate area of 415 square kilometres). The respective contract with the specialized company will include a training on the use of the LIDAR study, with emphasis on its potential for disaster risk modelling and disaster risk management.	<ul style="list-style-type: none"> LIDAR Study bidding process was re-launched and closed 31 July 2020. Procurement of vehicles is under evaluation. 	<ul style="list-style-type: none"> Finalize the evaluation process of LIDAR study.
Output 2	2.4 Provide key strategic islands with mobile storage facilities to store emergency stockpiles/supplies, emergency equipment.	The project will provide the NEMO with 5 mobile warehouse facilities (tents) to be stored at the NEOC.	<ul style="list-style-type: none"> Activity completed. 	<ul style="list-style-type: none"> Activity completed.
Output 2	2.5 Appropriate equipping of emergency disaster response stations, East coast and Westcoast of Babeldaob	The project will procure one fire truck for the East coast and Westcoast of Babeldaob island. Specific request has been shared by the Bureau of Public	<ul style="list-style-type: none"> Under manufacturing process. 	<ul style="list-style-type: none"> UNDP is following up for the delivery schedule.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
	island with response and rescue vehicles (specifically fire trucks and first responders' vehicles)	Service (Ministry of Justice). The fire truck will be placed in the Melekeok Fire Department Sub-station for providing assistance to the States located in the Babeldaob Island.		
Output 2	2.6 Provide key disaster responders and Search & Rescue institutions with 2 portable man packs HF radio	Provide key disaster responders and Search & Rescue institutions with 2 portable man packs HF radio	<ul style="list-style-type: none"> • Activity completed. 	<ul style="list-style-type: none"> • Activity completed.
Output 3	3.1 Provide emergency backup power for schools as evacuation centres (Low tech off grid electrical power system for three schools in Sonsorol, Pulo Anna and Hatohobei, Southern most islands).	This will involve procurement of 3 solar panel systems to be installed in three schools of the South western islands of Sonsorol, Pulo Anna and Hatohobei States. For the PEA, this project is considered a pilot initiative to then expand the provision of solar panels to all households in the mentioned islands.	<ul style="list-style-type: none"> • A company was awarded. • A sustainability plan was developed by MoE. 	<ul style="list-style-type: none"> • Sign the contract with a company. • Initiate discussion on installation plan.
Output 3	3.2. Restoration and protection of cultural heritage sites in coastal communities rated high risk (Palau Historical Preservation	The Bureau of Cultural and Historical Preservation is the implementing partner for the implementation of this activity. This includes the preparation of vulnerability assessments of 10 cultural	<ul style="list-style-type: none"> • MCCA submitted the 3rd acquittal and will refund of remaining balance as the advance is outstanding more than six months. 	<ul style="list-style-type: none"> • Expected deliverables are expected to be completed by December 2020. • The two intervention projects are expected to be completed by November

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
	Office, Vulnerability Assessment) – in line with Palau Climate Change Policy (PCCP) for Climate & Disaster Resilient Low Emissions Development.	heritage sites (to be developed by 4 international specialists already contacted by this Bureau) and climate risks mitigation works in 2 prioritized sites. The mitigation works are aimed to protect cultural heritage sites and will be developed considering a high level of participation of the communities in order to raise the awareness for the protection of cultural sites.		2020. 1) Intervention Kukau el Bad and 2) Iporu burial site in Tobi.
Output 3	3.3 Procure a double function vehicle for the Fire Department, to secure water resources during droughts	A double function vehicle will be procured for the Fire Department, which can be used as fire truck but also as a 3,000 gallons water tank truck. This vehicle will have the capacity to transport water to schools, hospitals and communities affected by water shortage due to droughts or any deficiency in the water system.	<ul style="list-style-type: none"> • Ten months to manufacture. However due to COV19 and the manufacturing is delayed. 	<ul style="list-style-type: none"> • UNDP is following up for the delivery schedule.
Output 3	3.4 Throughout this project, the NWSO and NEMO will be provided with vehicles and boats to improve their	The Fire Department facilities will be improved.	<ul style="list-style-type: none"> • A contract was awarded to a construction company on 22 July 2020 for the 	<ul style="list-style-type: none"> • Official handover of boat. • ETA for a truck with crane will be in October 2020.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
	capacity to access the areas where the monitoring equipment will be installed as well as to support evacuation and humanitarian assistance in case of disasters.	Following critical vehicles will be purchase a) NWSO pick up, b) 5 Tones pick up, c) 1 NEMO Vehicle d) 1 Boat	construction of roofing at Koror Fire Department.	<ul style="list-style-type: none"> • ETA for 2 SUV and 1 Pick up truck will be at the 5 August. • Sign a contract by the 1st week of August for the construction of Koror Fire Department. • Arrival of Search and Rescue Equipment.
Output 3	3.5 Provide food preservation training to vulnerable communities through all relevant national and state actors to enhance community resilience.	<ul style="list-style-type: none"> • Activity canceled and funding relocated to purchase of Search and Rescue Equipment. 	<ul style="list-style-type: none"> • Activity canceled and funding relocated to purchase of Search and Rescue Equipment. 	<ul style="list-style-type: none"> • Activity canceled and funding relocated to purchase of Search and Rescue Equipment.
Output 3	3.6 Conduct a Protection, Gender and Social Inclusion in Disaster Risk Management training	The Bureau of Aging, Disability, and Gender (within the Ministry of Community and Cultural Affairs) has proposed the delivery of a training in the methodology of Gender in Humanitarian Action (GiHA), considering the capacities developed in a regional training for trainers course by UN-	<ul style="list-style-type: none"> • Please see 1.7 above 	<ul style="list-style-type: none"> • Please see 1.7 above

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report July 2020				
Output	Activities	Activity Details	Status as of July 2020	Next Action
		Women. This activity will be linked to Activity 1.7 oriented to mainstream gender and social inclusion consideration in humanitarian assessment tools.		
Output 3	3.7 Conduct PDNA and DRF Training of Trainers to key government sectors		<ul style="list-style-type: none"> • Activity completed. 	<ul style="list-style-type: none"> • Activity completed.

Annex 1: Monthly Progress Report (July-September 2020)

Project: Enhancing Disaster and Climate Resilience in the Republic of Palau through improved Disaster Preparedness and Infrastructure

Palau Monthly Report August 2020

Output	Activities	Activity Details	Status as of August 2020	Next Action
Output 1	1.1 Install VHF and HF radio (incl. of climate proofing) in key emergency operations facilities.	<p>A network of VHF and HF radio for the State Governments will be installed according to the request made by the National Emergency Management Office (NEMO).</p> <p>Summary of the requested equipment</p> <p>HF system</p> <ul style="list-style-type: none"> • Tobi state: 2 sites (both w/ Email) includes the main Koror office and the remote • Sonsorol state: 2 sites (both with email) w/Koror/remote. • Helen reef: 1 HF (without HF email) • Merir island 1 HF (without HF email) • Pulo Ana 1 HF (without HF email) 	<ul style="list-style-type: none"> • Tender for radio equipment was closed. UNDP is working in the formation of the evaluation panel. • Delairco Japan KK (Japan) is working with UNDP in the implementation plan for solars. • UNDP and PNCC are drafting a Letter of Agreement (LOA) directly with PNCC for the installation. • UNDP met with Director of Marine Security Bureau, on the use of patrol boat to take the assets to Southwest Islands. 	<ul style="list-style-type: none"> • Start the evaluation process for the radios • Finalize LOA with PNCC. • Discuss with PNCC and NEMO for installation plan. • Once the radios come to Palau a telecom expert will arrive and check the equipment and do the programming.

Annex 1: Monthly Progress Report (July-September 2020)**Palau Monthly Report August 2020**

Output	Activities	Activity Details	Status as of August 2020	Next Action
		<ul style="list-style-type: none"> • NEMO : needs HF email • Education : needs HF email. • Hospital : needs HF email <p>VHF system</p> <p>Kayangel, Peleliu and Angaur.</p> <p>Other equipment involves battery bank, solar panels, battery supply charger</p>		
Output 1	1.2 Install tsunami and multi-hazard warning sirens (incl of repeater stations) in key vulnerable locations.	The early warning systems will include multi-direction sirens to be installed in 13 States, according to NEMO request. The control centre for the sirens is proposed to be located at the NEMO facility. According to information provided by NWS and the decisions taken by the NEMO, the staff on duty could select only certain areas to sound the alarm or every siren at the same time. The sirens system will	<ul style="list-style-type: none"> • The technical specifications for the sirens have been finalized and approved by national counterparts. • UNDP and Telecom expert are working in a market research to accommodate 21 sirens. • UNDP and PNCC are drafting a Letter of Agreement (LOA) directly with PNCC for the procurement and installation. 	<ul style="list-style-type: none"> • NEMO and PNCC to decide the scope of intervention for the siren system.

Annex 1: Monthly Progress Report (July-September 2020)**Palau Monthly Report August 2020**

Output	Activities	Activity Details	Status as of August 2020	Next Action
		complement the community preparedness initiative currently under implementation by the NEMO.		
Output 1	1.3 Repair/Install Automated weather stations related equipment in key strategic and vulnerable locations both existing and non-existing according to WMO guidelines.	<p>In coordination with the NWSO, 4 automated weather stations to complement the capacities to monitor weather conditions.</p> <p>The regular AWS will be located in Kayangel, Melekeok, Koror and Peleliu States.</p> <p>The equipment will be installed in State Government property land, and the maintenance will be done by the NWS technical officers (by using the 13 technical officers in main station and the 5 observers in the field).</p>	<ul style="list-style-type: none"> NIWA conducted a procurement of sensors and hardware components. 	<ul style="list-style-type: none"> NWSO and the NIWA expect to assembly, calibration and testing pre-delivery of 4 AWS.
Output 1	1.4 Install 4 wave rider buoys to determine ocean conditions and surface wave monitoring	The NWSO has requested to modify the original request of a DART buoy for 4 wave riders buoys (3 to be installed and one spare). Considering their proximity to the coastlines, the Wave rider Buoys will enable NWSO to plan	<ul style="list-style-type: none"> Draft agreement between NWSO and University of Hawaii Office of Research Services (PacIOOS) was prepared, awaiting for final document signature. 	<ul style="list-style-type: none"> UoH to start implementation.

Annex 1: Monthly Progress Report (July-September 2020)**Palau Monthly Report August 2020**

Output	Activities	Activity Details	Status as of August 2020	Next Action
		and predict the level of erosion and saltwater intrusion through storm damage and waves on coastal areas; and to make decisions oriented to the protection of natural ecosystems.		
Output 1	1.5 Reconstruction of AM Frequency Modulation Tower	The AM radio tower collapsed during Typhoon Bopha in 2012. From then on, the government radio broadcast operates only in FM, covering the area around Koror (approximately 50% of the country population). The AM radio tower to be rebuilt within this Project will expand the coverage to the entire population, including the Southwestern islands. A complete assessment report was submitted by the Department of Domestic Affairs, including the type of equipment required for the reconstruction of the AM tower, the installation of the respective equipment and the construction of a shelter (to house the	<ul style="list-style-type: none"> • Technical Evaluation of bids finalized. Currently is under UNDP Pacific internal evaluation. 	<ul style="list-style-type: none"> • Send the case to UNDP Regional Bureau for the internal approval process.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report August 2020				
Output	Activities	Activity Details	Status as of August 2020	Next Action
		AM and FM radio equipment, and a mini studio).		
Output 1	1.6 Training course for young technicians on how to maintain the current communications Infrastructure	In order to increase current and future capacities to install, repair, maintain and manage telecommunication equipment the Project has started some discussions with the Palau Community College to develop a training course for students majoring in Electronics.	<ul style="list-style-type: none"> • Registration form is being distributed to the potential candidates for pre-registration. • UNDP is working on a tentative program with telecom experts. 	<ul style="list-style-type: none"> • Meeting to be scheduled with all relevant national partners (PCC, PNCC, PEA, NEMO) and telecom expert to agree on possible content.
Output 1	1.7 Conduct a Protection, Gender and Social Inclusion in Disaster Risk Management training	The Bureau of Gender, Aging and Disabilities is keen to promote a participatory process within the National Emergency Committee to review the instruments currently used for data collection in humanitarian assistance. This activity is linked to the training in Gender in Humanitarian Action (GiHA) proposed in Component 3, building upon the capacities already developed in-country through a	<ul style="list-style-type: none"> • UNDP and Palau National Red Cross met to discuss to reactivate the planning phase of the activity. • Partners agree to delay activity to February 2021. 	<ul style="list-style-type: none"> • Main counterparts to meet to finalize agenda and agree on the facilitation.

Annex 1: Monthly Progress Report (July-September 2020)**Palau Monthly Report August 2020**

Output	Activities	Activity Details	Status as of August 2020	Next Action
		training of trainers course developed by UN-Women in 2018.		
Output 2	2.1 Provide appropriate and improved disaster preparedness and response equipment to NEMO (purchase of a generator to complement existing one)	<p>The project will provide the National EOC with the required equipment for information management, monitoring and coordination.</p> <p>This may include:</p> <p>computers and software, multimedia equipment, communication equipment (telephone, WIFI and fibre optic, if possible).</p>	<ul style="list-style-type: none"> • PNCC concluded the improvement of NEOC internet capacity as part of the ICT equipment. • 8 new phone mobile units were provided to NEMO to increase their communication capacity. • UNDP, BPW and NEMO met to finalise the specifications of the ICT equipment according to a 3D model. 	<ul style="list-style-type: none"> • Approval of the ICT equipment scope of work by NEMO. • Launch the bid for ICT equipment.
Output 2	2.2 Retrofit the National Emergency Operations Centre (NEOC) facility to meet international and functional standards.	The conference/meeting room of the NEOC will be expanded to accommodate the increasing number of representatives from the National Disaster Management Team. Moreover, an information	<ul style="list-style-type: none"> • The construction contract agreement was signed with the contractor for the NEOC retrofit. 	<ul style="list-style-type: none"> • Demolition activities are anticipated in September.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report August 2020				
Output	Activities	Activity Details	Status as of August 2020	Next Action
		management room will be added to the existing building.		
Output 2	2.3 Conduct LIDAR Imagery remote sensing mapping over key and vulnerable locations. High Resolution Digital Elevation Models (DEM) for Inhabited Coastal Areas developed	The Office of the Palau Automated Land and Resource Information System (PALARIS) is the main counterpart to prepare a topographic map (1m resolution) for the islands of Kayangel, Babeldoab, Koror, Peleliu, Angaur, Sonsorol and Hatohobei (for an approximate area of 415 square kilometres). The respective contract with the specialized company will include a training on the use of the LIDAR study, with emphasis on its potential for disaster risk modelling and disaster risk management.	<ul style="list-style-type: none"> The technical Evaluation process of LIDAR study is in process. 	<ul style="list-style-type: none"> Finalize the evaluation process of LIDAR study.
Output 2	2.4 Provide key strategic islands with mobile storage facilities to store emergency stockpiles/supplies, emergency equipment.	The project will provide the NEMO with 5 mobile warehouse facilities (tents) to be stored at the NEOC.	<ul style="list-style-type: none"> Activity completed. 	<ul style="list-style-type: none"> Activity completed.

Annex 1: Monthly Progress Report (July-September 2020)**Palau Monthly Report August 2020**

Output	Activities	Activity Details	Status as of August 2020	Next Action
Output 2	2.5 Appropriate equipping of emergency disaster response stations, East coast and Westcoast of Babeldaob island with response and rescue vehicles (specifically fire trucks and first responders' vehicles)	The project will procure one fire truck for the East coast and Westcoast of Babeldaob island. A specific request has been shared by the Bureau of Public Service (Ministry of Justice). The fire truck will be placed in the Melekeok Fire Department Sub-station for assisting the States located in the Babeldaob Island.	<ul style="list-style-type: none"> • Under manufacturing process. 	<ul style="list-style-type: none"> • UNDP is following up for the delivery schedule.
Output 2	2.6 Provide key disaster responders and Search & Rescue institutions with 2 portable man pack HF radio	Provide key disaster responders and Search & Rescue institutions with 2 portable man pack HF radio	<ul style="list-style-type: none"> • Activity completed. 	<ul style="list-style-type: none"> • Activity completed.
Output 3	3.1 Provide emergency backup power for schools as evacuation centres (Low tech off grid electrical power system for three schools in Sonsorol, Pulo Anna and Hatohobei, Southernmost islands).	This will involve procurement of 3 solar panel systems to be installed in three schools of the Southwestern islands of Sonsorol, Pulo Anna and Hatohobei States. For the PEA, this project is considered a pilot initiative to then expand the provision of solar panels to all households in the mentioned islands.	<ul style="list-style-type: none"> • Contract with a company was signed. • UNDP is working in an installation plan with the company. • UNDP met with Director of Marine Security Bureau, on the use of patrol boat to take the assets to Southwest Islands. 	<ul style="list-style-type: none"> • Manufacturing and delivering of the solar panels.

Annex 1: Monthly Progress Report (July-September 2020)**Palau Monthly Report August 2020**

Output	Activities	Activity Details	Status as of August 2020	Next Action
Output 3	3.2. Restoration and protection of cultural heritage sites in coastal communities rated high risk (Palau Historical Preservation Office, Vulnerability Assessment) – in line with Palau Climate Change Policy (PCCP) for Climate & Disaster Resilient Low Emissions Development.	The Bureau of Cultural and Historical Preservation is the implementing partner for the implementation of this activity. This includes the preparation of vulnerability assessments of 10 cultural heritage sites (to be developed by 4 international specialists already contacted by this Bureau) and climate risks mitigation works in 2 prioritized sites. The mitigation works are aimed to protect cultural heritage sites and will be developed considering a high level of participation of the communities in order to raise the awareness for the protection of cultural sites.	<ul style="list-style-type: none"> MCCA submitted the 3rd acquittal and will refund of the remaining balance as the advance is outstanding more than six months. 	<ul style="list-style-type: none"> Expected deliverables are expected to be completed by December 2020. The two intervention projects are expected to be completed by November 2020. 1) Intervention Kukau el Bad and 2) Iporu burial site in Tobi.
Output 3	3.3 Procure a double function vehicle for the Fire Department, to secure water resources during droughts	A double function vehicle will be procured for the Fire Department, which can be used as a fire truck but also as a 3,000 gallons water tank truck. This vehicle will have the capacity to transport water to schools, hospitals and communities affected by	<ul style="list-style-type: none"> Under manufacturing process. 	<ul style="list-style-type: none"> UNDP is following up for the delivery schedule.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report August 2020				
Output	Activities	Activity Details	Status as of August 2020	Next Action
		water shortage due to droughts or any deficiency in the water system.		
Output 3	3.4 Throughout this project, the NWSO and NEMO will be provided with vehicles and boats to improve their capacity to access the areas where the monitoring equipment will be installed as well as to support evacuation and humanitarian assistance in case of disasters.	<p>The Fire Department facilities will be improved.</p> <p>Following critical vehicles will be purchase</p> <p>a) NWSO pick up, b) 5 Tones pick up, c) 1 NEMO Vehicle d) 1 Boat</p>	<ul style="list-style-type: none"> All assets related to this activity: A boat, 2 SUV and 1 pick up truck and Search and Rescue Equipment were officially handover to Government officers on August 14. The construction contract agreement was signed with the contractor for the roofing at Koror Fire Department. 	<ul style="list-style-type: none"> ETA for a truck with a crane will be in October 2020. Construction for the Fire Department to start in September.
Output 3	3.5 Provide food preservation training to vulnerable communities through all relevant national and state actors to enhance community resilience.	<ul style="list-style-type: none"> Activity canceled and funding relocated to purchase of Search and Rescue Equipment. 	<ul style="list-style-type: none"> Activity canceled and funding relocated to purchase of Search and Rescue Equipment 	<ul style="list-style-type: none"> Activity canceled and funding relocated to purchase of Search and Rescue Equipment
Output 3	3.6 Conduct a Protection, Gender and Social Inclusion	The Bureau of Aging, Disability, and Gender (within the Ministry of Community and Cultural Affairs) has	<ul style="list-style-type: none"> Please see 1.7 above 	<ul style="list-style-type: none"> Please see 1.7 above

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report August 2020				
Output	Activities	Activity Details	Status as of August 2020	Next Action
	in Disaster Risk Management training	proposed the delivery of a training in the methodology of Gender in Humanitarian Action (GiHA), considering the capacities developed in a regional training for trainers course by UN-Women. This activity will be linked to Activity 1.7 oriented to mainstream gender and social inclusion consideration in humanitarian assessment tools.		
Output 3	3.7 Conduct PDNA and DRF Training of Trainers to key government sectors		<ul style="list-style-type: none"> • Activity completed. 	<ul style="list-style-type: none"> • Activity completed.

Annex 1: Monthly Progress Report (July-September 2020)**Project: Enhancing Disaster and Climate Resilience in the Republic of Palau through improved Disaster Preparedness and Infrastructure****Palau Monthly Report September 2020**

Output	Activities	Activity Details	Status as of September 2020	Next Action
Output 1	1.1 Install VHF and HF radio (incl. of climate proofing) in key emergency operations facilities.	<p>A network of VHF and HF radio for the State Governments will be installed according to the request made by the National Emergency Management Office (NEMO).</p> <p>Summary of the requested equipment</p> <p>HF system</p> <ul style="list-style-type: none"> • Tobi state: 2 sites (both w/ Email) includes the main Koror office and the remote • Sonsorol state: 2 sites (both with email) w/Koror/remote. • Helen reef: 1 HF (without HF email) • Merir island 1 HF (without HF email) • Pulo Ana 1 HF (without HF email) 	<ul style="list-style-type: none"> • Evaluation for radios is on progress. • UNDP and PNCC have finalised drafting the LOA. Currently under internal revision for approval • Delairco Japan KK (Japan) is working with UNDP in the implementation plan for solars. 	<ul style="list-style-type: none"> • Finalize LOA with PNCC. • Discuss with PNCC and NEMO for installation plan. • Once the radios come to Palau a telecom expert will arrive and check the equipment and do the programming.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report September 2020				
Output	Activities	Activity Details	Status as of September 2020	Next Action
		<ul style="list-style-type: none"> • NEMO : needs HF email • Education : needs HF email. • Hospital : needs HF email <p>VHF system</p> <p>Kayangel, Peleliu and Angaur.</p> <p>Other equipment involves battery bank, solar panels, battery supply charger</p>		
Output 1	1.2 Install tsunami and multi-hazard warning sirens (incl of repeater stations) in key vulnerable locations.	The early warning systems will include multi-direction sirens to be installed in 13 States, according to NEMO request. The control centre for the sirens is proposed to be located at the NEMO facility. According to information provided by NWS and the decisions taken by the NEMO, the staff on duty could select only certain areas to sound the alarm or every siren at the same time. The sirens system will	<ul style="list-style-type: none"> • Market research was finalised. • UNDP and PNCC have finalised drafting the LOA. Currently under internal revision for approval. 	<ul style="list-style-type: none"> • PNCC to facilitate the launching of a formal tender in accordance with their procurement procedure.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report September 2020				
Output	Activities	Activity Details	Status as of September 2020	Next Action
		complement the community preparedness initiative currently under implementation by the NEMO.		
Output 1	1.3 Repair/Install Automated weather stations related equipment in key strategic and vulnerable locations both existing and non-existing according to WMO guidelines.	<p>In coordination with the NWSO, 4 automated weather stations to complement the capacities to monitor weather conditions.</p> <p>The regular AWS will be located in Kayangel, Melekeok, Koror and Peleliu States.</p> <p>The equipment will be installed in State Government property land, and the maintenance will be done by the NWS technical officers (by using the 13 technical officers in main station and the 5 observers in the field).</p>	<ul style="list-style-type: none"> • 4 AWS have all been assembled in New Zealand by NIWA and almost ready to be dispatched to Palau. • One virtual training was provided by NIWA to 3 national staff from NWSO. 	<ul style="list-style-type: none"> • Delivery of AWS to Palau. • The NWSO technicians in Palau will assemble the complete station, including connecting and testing all the sensors, and communications systems in four different locations.
Output 1	1.4 Install 4 wave rider buoys to determine ocean conditions and surface wave monitoring	The NWSO has requested to modify the original request of a DART buoy for 4 wave riders buoys (3 to be installed and one spare). Considering their proximity to the coastlines, the Wave rider Buoys will enable NWSO to plan	<ul style="list-style-type: none"> • Agreement between NWSO and University of Hawaii Office of Research Services (PacIOOS) was signed. 	<ul style="list-style-type: none"> • UoH to start procurement of buoys.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report September 2020				
Output	Activities	Activity Details	Status as of September 2020	Next Action
		and predict the level of erosion and saltwater intrusion through storm damage and waves on coastal areas; and to make decisions oriented to the protection of natural ecosystems.		
Output 1	1.5 Reconstruction of AM Frequency Modulation Tower	The AM radio tower collapsed during Typhoon Bopha in 2012. From then on, the government radio broadcast operates only in FM, covering the area around Koror (approximately 50% of the country population). The AM radio tower to be rebuilt within this Project will expand the coverage to the entire population, including the Southwestern islands. A complete assessment report was submitted by the Department of Domestic Affairs, including the type of equipment required for the reconstruction of the AM tower, the installation of the respective equipment and the construction of a shelter (to house the	<ul style="list-style-type: none"> • Based on the UNDP internal reviews, some amendment was made to the evaluation. • UNDP will seek internal approval. 	<ul style="list-style-type: none"> • Award the bid. • Bureau of Domestic Affairs to increase the transformers on the site.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report September 2020				
Output	Activities	Activity Details	Status as of September 2020	Next Action
		AM and FM radio equipment, and a mini studio).		
Output 1	1.6 Training course for young technicians on how to maintain the current communications Infrastructure	In order to increase current and future capacities to install, repair, maintain and manage telecommunication equipment the Project has started some discussions with the Palau Community College to develop a training course for students majoring in Electronics.	<ul style="list-style-type: none"> Registration form is being distributed to the potential candidates for pre-registration. UNDP is working on a tentative program with telecom experts. 	<ul style="list-style-type: none"> Meeting to be scheduled with all relevant national partners (PCC, PNCC, PEA, NEMO) and telecom expert to agree on possible content.
Output 1	1.7 Conduct a Protection, Gender and Social Inclusion in Disaster Risk Management training	The Bureau of Gender, Aging and Disabilities is keen to promote a participatory process within the National Emergency Committee to review the instruments currently used for data collection in humanitarian assistance. This activity is linked to the training in Gender in Humanitarian Action (GiHA) proposed in Component 3, building upon the capacities already developed in-country through a	<ul style="list-style-type: none"> UNDP and Red Cross sent to SPC and other national counterparts the draft agenda to enrich methodologies and facilitation. 	<ul style="list-style-type: none"> The main counterpart to meet to finalize agenda and agree on the facilitation. Training is set for February 2021.

Annex 1: Monthly Progress Report (July-September 2020)

Palau Monthly Report September 2020				
Output	Activities	Activity Details	Status as of September 2020	Next Action
		training of trainers course developed by UN-Women in 2018.		
Output 2	2.1 Provide appropriate and improved disaster preparedness and response equipment to NEMO (purchase of a generator to complement existing one)	<p>The project will provide the National EOC with the required equipment for information management, monitoring and coordination.</p> <p>This may include:</p> <p>computers and software, multimedia equipment, communication equipment (telephone, WIFI and fibre optic, if possible).</p>	<ul style="list-style-type: none"> RFQ for the ICT equipment was finalized for launching the tender. 	<ul style="list-style-type: none"> Launch the bid for ICT equipment.
Output 2	2.2 Retrofit the National Emergency Operations Centre (NEOC) facility to meet international and functional standards.	<p>The conference/meeting room of the NEOC will be expanded to accommodate the increasing number of representatives from the National Disaster Management Team. Moreover, an information</p>	<ul style="list-style-type: none"> The Environmental Quality Protection Board, EQPB, issued the permit for the construction of the National Emergency Committee retrofit. The civil works 	<ul style="list-style-type: none"> Bureau of Public Works to implement civil works.

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Output	Activities	Activity Details	Status as of September 2020	Next Action
		management room will be added to the existing building.	started at the site with demolition activities.	
Output 2	2.3 Conduct LIDAR Imagery remote sensing mapping over key and vulnerable locations. High Resolution Digital Elevation Models (DEM) for Inhabited Coastal Areas developed	The Office of the Palau Automated Land and Resource Information System (PALARIS) is the main counterpart to prepare a topographic map (1m resolution) for the islands of Kayangel, Babeldoab, Koror, Peleliu, Angaur, Sonsorol and Hatohobei (for an approximate area of 415 square kilometres). The respective contract with the specialized company will include a training on the use of the LIDAR study, with emphasis on its potential for disaster risk modelling and disaster risk management.	<ul style="list-style-type: none"> • The technical Evaluation process for the LIDAR study was finalized. • Procurement of 2 vehicles was awarded. • Specification of PALARIS ICT equipment was developed. 	<ul style="list-style-type: none"> • UNDP Regional Bureau to review the evaluation of the LIDAR study for the internal approval process. • ETA for 2 vehicles is 15 December 2020. • Launch procurement of ICT equipment.
Output 2	2.4 Provide key strategic islands with mobile storage facilities to store emergency stockpiles/supplies, emergency equipment.	The project will provide the NEMO with 5 mobile warehouse facilities (tents) to be stored at the NEOC.	<ul style="list-style-type: none"> • Activity completed. 	<ul style="list-style-type: none"> • Activity completed.

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Output	Activities	Activity Details	Status as of September 2020	Next Action
Output 2	2.5 Appropriate equipping of emergency disaster response stations, East coast and Westcoast of Babeldaob island with response and rescue vehicles (specifically fire trucks and first responders' vehicles)	The project will procure one fire truck for the East coast and Westcoast of Babeldaob island. A specific request has been shared by the Bureau of Public Service (Ministry of Justice). The fire truck will be placed in the Melekeok Fire Department Sub-station for assisting the States located in the Babeldaob Island.	<ul style="list-style-type: none"> • Under manufacturing process. 	<ul style="list-style-type: none"> • UNDP is following up for the delivery schedule.
Output 2	2.6 Provide key disaster responders and Search & Rescue institutions with 2 portable man pack HF radio	Provide key disaster responders and Search & Rescue institutions with 2 portable man pack HF radio	<ul style="list-style-type: none"> • Activity completed. 	<ul style="list-style-type: none"> • Activity completed.
Output 3	3.1 Provide emergency backup power for schools as evacuation centres (Low tech off grid electrical power system for three schools in Sonsorol, Pulo Anna and Hatohobei, Southernmost islands).	This will involve procurement of 3 solar panel systems to be installed in three schools of the Southwestern islands of Sonsorol, Pulo Anna and Hatohobei States. For the PEA, this project is considered a pilot initiative to then expand the provision of solar panels to all households in the mentioned islands.	<ul style="list-style-type: none"> • Delairco Japan KK (Japan) is working with UNDP in the implementation plan for solars. • MoE and Governors of Hatohobei and Sonsorol states have collectively agreed on a rectangular space of 20mx35m that is close to the school building that could be 	<ul style="list-style-type: none"> • Manufacturing and delivering of the solar panels. •

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Output	Activities	Activity Details	Status as of September 2020	Next Action
			cleared for the solar panels at the three remote schools.	
Output 3	3.2. Restoration and protection of cultural heritage sites in coastal communities rated high risk (Palau Historical Preservation Office, Vulnerability Assessment) – in line with Palau Climate Change Policy (PCCP) for Climate & Disaster Resilient Low Emissions Development.	The Bureau of Cultural and Historical Preservation is the implementing partner for the implementation of this activity. This includes the preparation of vulnerability assessments of 10 cultural heritage sites (to be developed by 4 international specialists already contacted by this Bureau) and climate risks mitigation works in 2 prioritized sites. The mitigation works are aimed to protect cultural heritage sites and will be developed considering a high level of participation of the communities in order to raise the awareness for the protection of cultural sites.	<ul style="list-style-type: none"> MCCA has submitted to UNDP a draft of the final assessment title “Disaster Risk and Climate Change Impact Survey in the Republic of Palau” and a draft copy of a comic produced with information from the assessment. MCCA is working on the revision of the 3rd acquittal and will refund of the remaining balance as the advance is outstanding more than six months. 	<ul style="list-style-type: none"> Expected deliverables are expected to be completed by December 2020. The two intervention projects are expected to be completed by November 2020. 1) Intervention Kukau el Bad and 2) Iporu burial site in Tobi.
Output 3	3.3 Procure a double function vehicle for the Fire Department, to secure water resources during droughts	A double function vehicle will be procured for the Fire Department, which can be used as a fire truck but also as a 3,000 gallons water tank truck. This vehicle will have the capacity to transport water to schools,	<ul style="list-style-type: none"> Under manufacturing process. 	<ul style="list-style-type: none"> UNDP is following up for the delivery schedule.

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Output	Activities	Activity Details	Status as of September 2020	Next Action
		hospitals and communities affected by water shortage due to droughts or any deficiency in the water system.		
Output 3	3.4 Throughout this project, the NWSO and NEMO will be provided with vehicles and boats to improve their capacity to access the areas where the monitoring equipment will be installed as well as to support evacuation and humanitarian assistance in case of disasters.	<p>The Fire Department facilities will be improved.</p> <p>Following critical vehicles will be purchase</p> <p>a) NWSO pick up, b) 5 Tones pick up, c) 1 NEMO Vehicle d) 1 Boat</p>	<ul style="list-style-type: none"> Extension of roofing at Koror Fire Dept: The Environmental Quality Protection Board, EQPB, issued the Construction for the Fire Department. 	<ul style="list-style-type: none"> ETA for a truck with crane will be in October 2020. Construction of roofing at Koror Fire Department to start.
Output 3	3.5 Provide food preservation training to vulnerable communities through all relevant national and state actors to enhance community resilience.	<ul style="list-style-type: none"> Activity canceled and funding relocated to purchase of Search and Rescue Equipment. 	<ul style="list-style-type: none"> Activity canceled and funding relocated to purchase of Search and Rescue Equipment which was delivered. 	<ul style="list-style-type: none"> Activity canceled and funding relocated to purchase of Search and Rescue Equipment which was delivered.
Output 3	3.6 Conduct a Protection, Gender and Social Inclusion	The Bureau of Aging, Disability, and Gender (within the Ministry of Community and Cultural Affairs) has	<ul style="list-style-type: none"> Please see 1.7 above 	<ul style="list-style-type: none"> Please see 1.7 above

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Palau Monthly Report September 2020				
Output	Activities	Activity Details	Status as of September 2020	Next Action
	in Disaster Risk Management training	proposed the delivery of a training in the methodology of Gender in Humanitarian Action (GiHA), considering the capacities developed in a regional training for trainers course by UN-Women. This activity will be linked to Activity 1.7 oriented to mainstream gender and social inclusion consideration in humanitarian assessment tools.		
Output 3	3.7 Conduct PDNA and DRF Training of Trainers to key government sectors		<ul style="list-style-type: none"> • Activity completed. 	<ul style="list-style-type: none"> • Activity completed.