

Papua New Guinea

Conservation and Environment Protection Authority

**The Project
for
Biodiversity Conservation through
Implementation of
the PNG Policy on Protected Areas**

**Project Completion Report
(Separate Volume 1: Summary
Achievements of the Project Vol. 1)**

August 2021

Japan International Cooperation Agency (JICA)

**NIPPON KOEI CO., LTD.
KOKUSAI KOGYO CO., LTD.**

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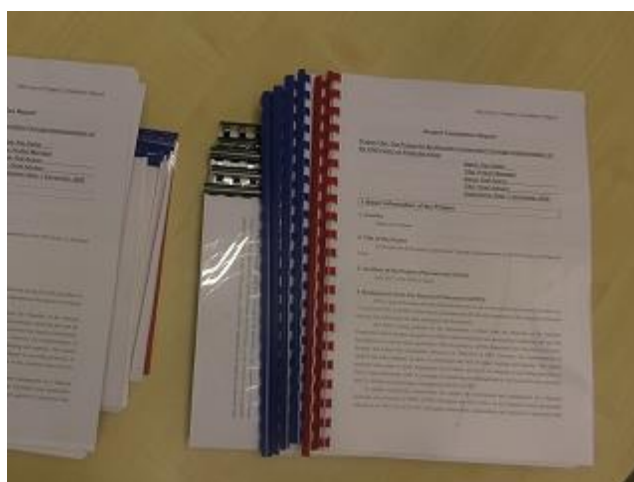


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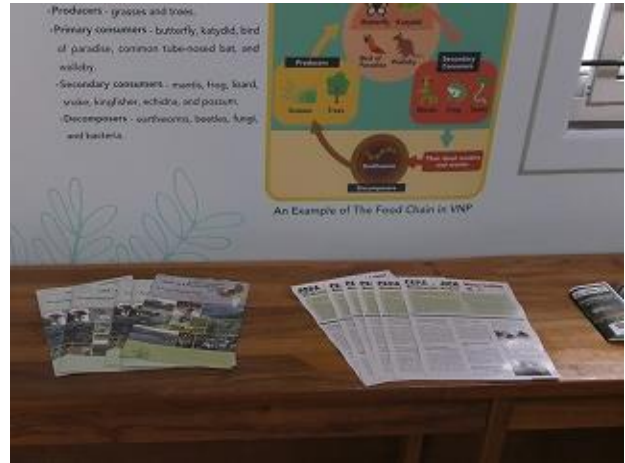


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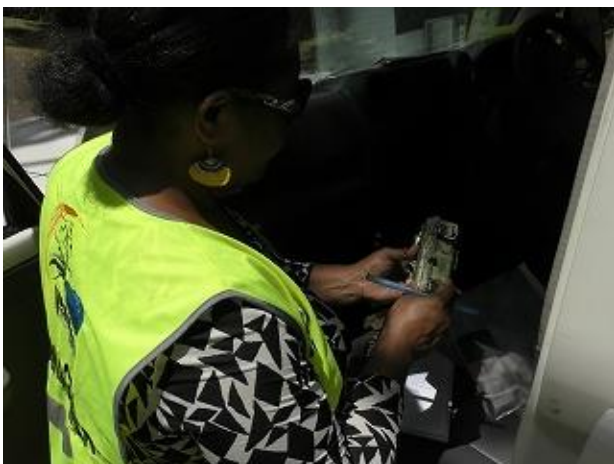


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Photo 10: CEPA-JICA project team, making a presentation on protected area types during the GEF 5 Capacity Development Workshop and Training (Sogeri Lodge, Central Province).



Photo 11: CEPA-JICA project team and the Central Papua Conference (CPC), conducting a field survey to finalize the buffer zone for protected area (Bautama, Port Moresby).



Photo 12: CEPA-JICA project team, checking a bird watching shelter with Mr. Nathan Lati of Tourism Promotion Authority (TPA) and Dr. Samuel Kopamu of Pacific Adventist University (PAU) (PAU, Port Moresby).

Photo Library, April 2019



Photo 1: CEPA-JICA project team, having a meeting with Mr. Wanaga of Central Papua Conference (Port Moresby).



Photo 2: CEPA-JICA project team, having a meeting with Ms. Vivian of Konebada Resort to discuss study tour for Kae association (Boera village, Central Province).



Photo 3: CEPA-JICA project team, having a preliminary meeting with Dr. Kameata of Social Environmental Research and Consultancy Services Ltd. to discuss socio-economic survey for Bootless Bay (Port Moresby).



Photo 4: CEPA-JICA project team, having a meeting with CEPA and Central Provincial Government (CPG) to finalize Memorandum of Understanding for action plan between CEPA and CPG (Port Moresby).



Photo 5: Mr. Mamu of JICA, discussing with Professor Saulei of University of Papua New Guinea on Conservation Easement (Port Moresby).



Photo 6: Ms. Jeffrey of JICA, checking daily record of fee collection with a park staff (VNP).



Photo 7: Kae association, visiting Boera village to improve their cultural performance (Boera village, Central Province).



Photo 8: Ms. Kove of JICA, discussing support letter for National Executive Council (NEC) with the land owner of Tahira farm (Tahira).



Photo 9: Mr. Bense of CEPA, giving instruction to park staffs on park management work (VNP).



Photo 10: Mr. Mamu of JICA, supervising the clean-up of the Varirata National Park (VNP).



Photo 11: CEPA-JICA project team, having a meeting with community people of Dogura village on mangrove conservation (Dogura village, Port Moresby).



Photo 12: CEPA-JICA project team, discussing fee collection of Varirata National Park (Port Moresby).

Photo Library, March 2019



Photo 1: CEPA-JICA project team, introducing project activities to participants at the Event of World Wildlife Day (Port Moresby).



Photo 2: Ms. Jeffrey of JICA, discussing on study tour for Kae association with Ms. Doreka Dai of the leader of Boera Women's Group (Port Moresby).



Photo 3: Dr. Nagahama of JICA, having a meeting with the landowner group in Tuna Bay (NCD).



Photo 4: CEPA-JICA project team, having a meeting with GEF 5 and the PA Solutions team to discuss the institutional arrangement of RPART/NPART (Port Moresby).



Photo 5: Mr. Asano and CEPA-JICA project team, discussing on Varirata National Park's ranger recruitment (Port Moresby).



Photo 6: Rhodes PNG Ltd of new information center contractor, handing over the Varirata Accommodation Building to CEPA Managing Director (Port Moresby).



Photo 7: CEPA-JICA project team, discussing entrance fee of Varirata National Park with a CEPA Finance Officer (Port Moresby).



Photo 8: Ms. Jeffrey of JICA, having the basic book keeping training for Kae association and park staffs at Varirata National Park (VNP).



Photo 9: The Fourth Joint Coordinating Committee (JCC) Meeting was held on March 26th, 2019 at CEPA office (Port Moresby).



Photo 10: The installation of signboard for new entrance fee has been completed (VNP).



Photo 11: Inaugural Ceremony for the Information Center Complex was held on March 28th, 2019 at Varirata National Park (VNP).



Photo 12: Mr Asano of JICA and key speakers during the inaugural launch of new Information Centre Complex (VNP).

Photo Library, February 2019



Photo 1: CEPA-JICA project team, having a meeting with Chapman's family on conservation and management of their mangroves as Marine Protected Area (Mirigeda village, Central Province).



Photo 2: Mr. John of JICA, retrieving the SD card from the cameras during the monthly camera trap monitoring (VNP).



Photo 3: CEPA-JICA project team, visiting to Pacific Adventist University to discuss new GEF 5 research proposal for Varirata National Park (Pacific Adventist University, Port Moresby).

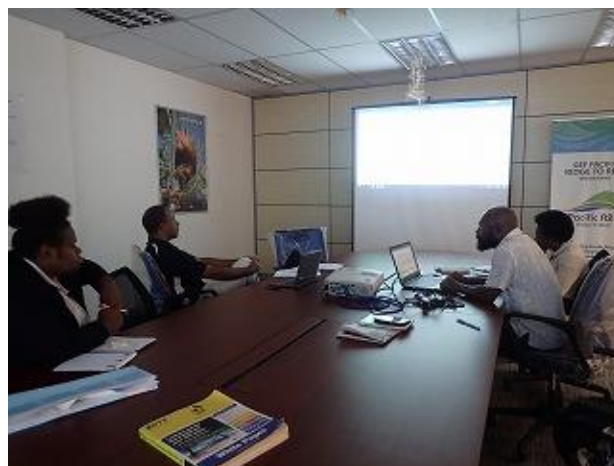


Photo 4: CEPA-JICA project team, discussing candidate site of Marine Protected Area of Central Province (Port Moresby)



Photo 5: JICA Project Team, discussing with the CEPA Marine team on the MOU and the action plan for Central Province (Port Moresby).



Photo 6: Ms. Jeffrey of JICA, discussing with Mr. Lati of Tourism Promotion Authority and Mr. Peter of Pacific Adventist University on bird watching project (Port Moresby).



Photo 7: Ms. Jeffrey of JICA, showcasing new vest for public relation of the CEPA-JICA Project (Port Moresby).



Photo 8: JICA Project Team, discussing new entry fees for Varirata National Park (Port Moresby).



Photo 9: JICA project team, discussing with Mr. Kennedy of Koiairi LLG Manager and Mr. Kidu of project officer on livelihood development activities (Port Moresby).



Photo 10: CEPA-JICA project team, having a meeting with Ms. Vivien of councilor in Boera village for a cultural expo tour (Boera village, Central Province).



Photo 11: JICA project team, discussing with Mr. Bense Thomas of CEPA Terrestrial Manager on collection of admission fee for Varirata National Park (Port Moresby).



Photo 12: National Agriculture Quarantine and Inspection Authority (NAQIA), visiting to Varirata National Park to conduct a survey for invasive plants and animals around the Sogeri Plateau (VNP).

Photo Library, January 2019



Photo 1: CEPA-JICA project team, having a meeting to discuss PA Bill and the procedure for Marine Protected Area establishment (Port Moresby).



Photo 2: Dr. Alphonse of CEPA-JICA Project team, having interviews to residents for MPA establishment (Mirigeda village, Central Province).



Photo 3: Dr. Nagahama of JICA, controlling the drone to capture an image of potential site for Marine Protected Area (Mirigeda village, Central Province).



Photo 4: Mr. Asano, Dr. Alphonse and Ms. Kikuchi of JICA, discussing with Mr. Edward Kila of Deputy Administrator of Central Province on Marine Protected Area (Port Moresby).



Photo 5: Dr. Nagahama of CEPA-JICA project team, having a meeting with UPNG on the MoU between CEPA-JICA and UPNG (Port Moresby).



Photo 6: Ms. Jeffrey of JICA, having a meeting with Mrs. Doreka Dawn of Boera Women Association on study/exposure tour for livelihood development group (Port Moresby).



Photo 7: CEPA-JICA project team, having an internal discussion on the legislative options of establishing an interim NPART (National Protected Area Round Table) (Port Moresby).



Photo 8: Ms. Kikuchi and Mr. Mamu of JICA, visiting within the 3km buffer zone of VNP with Mr. Alfred Kennedy of the Manager of Koiari LLG (Koiari, Central Province).



Photo 9: CEPA-JICA project team, discussing structure of park management committee (Port Moresby).



Photo 10: CEPA-JICA project, having the 7th BBMCI Meeting to share the progress of the Output 3 and discuss how to collaborate with each partner in the Bootless Bay (Port Moresby).



Photo 11: CEPA-JICA project team, having a meeting with Hon. Robert Agarobe of Governor of Central Province on Bootless Bay Marine Protected Area (Port Moresby).



Photo 12: Dr. Alphonse and Ms. Kove of JICA, visiting Tahira to check project marine equipment (Tahira).

Photo Library, December 2018



Photo 1: JET members having a meeting with local travel agent and, Mr. Dill Noris, Word Councilor of Kwalmurubu Village, on eco-tourism promotion and related activities (Central Province).



Photo 2: Dr. Imae and Ms. Jeffrey of JET, discussing on VNP Management Plans with stakeholders (Port Moresby).



Photo 3: Mr. Asano and Dr. Kambu of JET, having a meeting with Mr. Bernard Suruman of CEPA to discuss about legislative justification and procedure for MPA (Port Moresby).



Photo 4: Mr. Asano of JET, explaining project activities to the Governor of Central Province, Hon. Robert Agarobe, to realize collaborative activities in future (Port Moresby).



Photo 5: Mr. Asano, Mr. Mamu and other JET staff visited Mirigeda site with staff from Central Provincial Government as potential marine protected area site (Port Moresby).



Photo 6: JET staff and CEPA staff during the Joint Staff End of Year Christmas Party (Port Moresby).

Photo Library, November 2018



Photo 1: Dr. Nagahama of JICA, having a meeting with Mr. Pius Piskaut, UPNG for mangrove guide (Port Moresby).

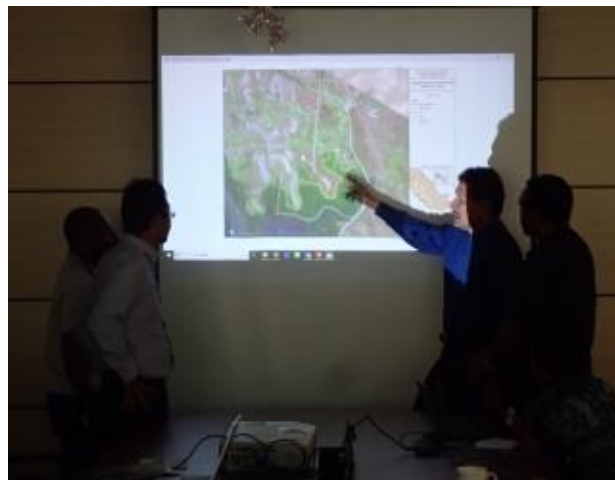


Photo 2: Dr. Nagahama of JICA, having a meeting with Mr. Edward Kila, Central Provincial Government to share progress of Output 3 (Port Moresby).



Photo 3: Dr. Nagahama of JICA, having a meeting with Prof. Simon Saulei and Mr. Pius Piskaut of UPNG to decide protected area type, protected area class and criteria of their MPA (UPNG).



Photo 4: CEPA-JICA project team, participating in coastal clean-up event at APEC site (Port Moresby).



Photo 5: CEPA-JICA Marine Team, having a meeting with Mr. Bav Kemba and Mr. Manoah Wanaga of CPC to decide protected area class and criteria of their MPA (Port Moresby).



Photo 6: The traditional dance group of Koiari people, participating in ranger workshop held by UNDP in VNP (VNP).

Photo Library, October 2018



Photo 1: Mr. Asano of JICA presenting the biodiversity reports of Varirata National Park to the audience and Ms. Kay Kalim of CEPA during the book launching at Gateway Hotel (Port Moresby).



Photo 2: Mr. Asano of JICA and the team meeting with Ms. Michelle McGeorge, who is the director of Port Moresby Nature Park at biodiversity seminar (Gateway Hotel, Port Moresby).



Photo 3: Mr. Asano of JICA explaining to the study tour participants about the environment information of the new Information Center during the biodiversity seminar (VNP, Sogeri).



Photo 4: Mr. Asano of JICA with Mr. Namiki of Japanese Embassy explaining about interior of the new Information Center during the installation work (VNP, Sogeri).



Photo 5: Mr. Hoshiiai of JICA giving instruction to local contractor Color Boys on the installation of picture walls in new IC (VNP, Sogeri).



Photo 6: Mr. Asano of JICA installing the picture panel on the walls of new Information Center (VNP, Sogeri)



Photo 7: JICA and CEPA Project Team having meeting with Dr. Jane Mogina of ExxonMobil for biodiversity seminar arrangements (CEPA, Port Moresby)



Photo 8: Dr. Nagahama of JICA and CEPA Project Team having meeting with Ms. Gertrude Miria of NCDC for the land use planning for Bootless Bay (CEPA, Port Moresby)



Photo 9: JICA and CEPA undertaking mangrove monitoring at Bootless Bay (NCDC).



Photo 10: Dr. Imae of JICA and JICA local experts installing new camera traps at Varirata National Park (VNP, Sogeri).



Photo 11: JICA local experts and CEPA C/P meeting with NCDC Local-Level Government Manager and Deputy Administrator of Moresby South (Bootless/Tuna Bay areas) at City Hall (Port Moresby).



Photo 12: Mr. Bito of JICA discussing with community clan leaders on the registration of local association for the management of the Park (Depo, Sogeri).

Photo Library, September 2018



Photo 1: Mr. Hoshiai of JICA inspecting wood deck installation work for Information Center Complex (VNP).



Photo 2: Mr. Hoshiai of JICA having a meeting with Rhodes PNG Ltd., construction contractor for Information Center Complex (Port Moresby).



Photo 3: Tile installation progressing for renovation of Old Information Center (VNP).



Photo 4: Local carvers from Gawi Arts finishing carvings for Information Center Complex (VNP).

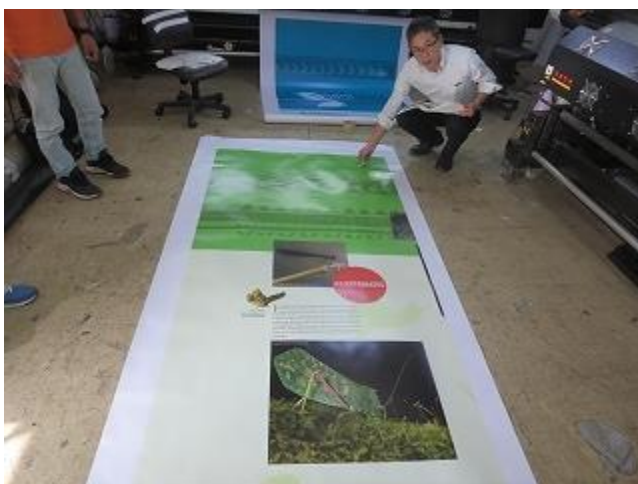


Photo 5: Mr. Hoshiai of JICA inspecting test printing of wall paper for new information center (Port Moresby).



Photo 6: Mr. Hoshiai of JICA giving instruction for the installation method of wall paper (Port Moresby).



Photo 7: Mr. Bito of terrestrial PA expert of JICA retrieving the SD card from the cameras during the monthly camera trap monitoring (VNP).



Photo 8: CEPA-JICA project team discussing arrangement of chairs and tables for Inaugural Ceremony for Information Center Complex (VNP).



Photo 9: CEPA-JICA project team having 6th BBMCI meeting and launched two project kayaks (Port Moresby).



Photo 10: The installation of signboard for mangrove protection has been completed (Tahira).



Photo 11: Mr. Mochizuki of JICA discussing with the clan leaders and woman leaders on IPA registration and their bank account (Depo, Koiari LLG).

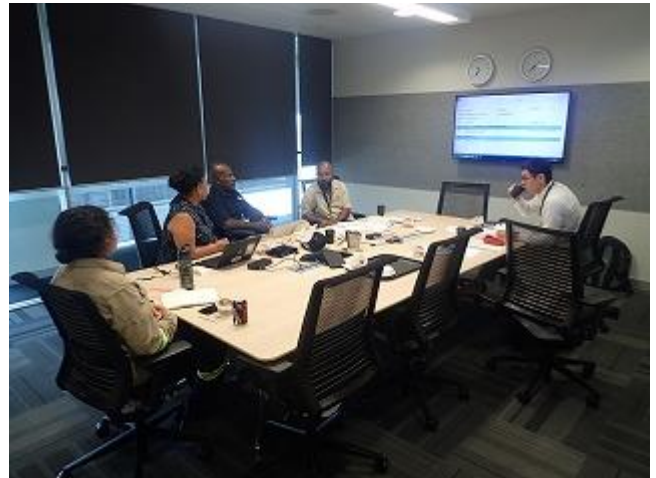


Photo 12: Mr. Mochizuki of JICA and CEPA Project Team discussing with staffs of Exxon Mobil on biodiversity seminar (Port Moresby).

Photo Library, August 2018



Photo 1: Mr. Mochizuki of JICA discussing with Mr. Kennedy, Manager of Koiari LLG on livelihood development activities for Koiari (Port Moresby).



Photo 2: Mr. Mochizuki of JICA speaking to the clan leaders and woman leaders at Depo village on livelihood development options for Varirata National Park (Koiari LLG).



Photo 3: CEPA-JICA project team confirming progress of wood decking for Information Center Complex (VNP).



Photo 4: Mr. Hoshiai of JICA giving instruction for the measurement of walls of new information center for finalizing display contents (VNP).



Photo 5: Dr. Nagahama of JICA with Mr. Alius of UPNG checking a signboard for mangrove protection at Tahira (Tahira).



Photo 6: Dr. Nagahama of JICA and CEPA Project Team discussing with Prof. Simon Saulei and Mr. Pius Piskaut of UPNG on marine activities at Bootless Bay (Port Moresby).

Photo Library, July 2018



Photo 1: Mr. Asano and the project team, discussing with Mr. Bense Thomas of CEPA on key issues for VNP management plan (Port Moresby).



Photo 2: Project Expert Team visited Natural History Division of National Museum & Art Gallery to familiarize on general exhibition or gallery display for new IC (Port Moresby).



Photo 3: Mr. Hoshiai, discussing with Mr. Howard and Mr. Geno of Rhodes on final procurement for wood decking for old IC (Port Moresby).



Photo 4: Dr Imae and Mr. Biatius discussing with Dr Allen Allison on the final deliverables of biodiversity survey of VNP (Port Moresby).



Photo 5: Mr. Hoshiai, discussing on the wood deck construction with Mr. Geno of Rhodes PNG and Mr. Howard at the construction site (VNP).



Photo 6: New signboards for mangrove protection were installed at the water front of Bootless Bay (Bootless Bay/Port Moresby).



Photo 7: Mr. Asano and CEO of Rhodes PNG signing the new contract on the wood deck construction of old IC in CEPA office (Port Moresby).



Photo 8: Mr Mamu made a demonstration on how to reset camera traps to Dr Imae at VNP (VNP).



Photo 9: Mr. Saguba of Pacific Adventist University, explaining the bird watching posters to Dr Imae and the PNGTPA (Mr. Nathan and Mr. Wilfred) at the new bird watching shelter (PAU).



Photo 10: Dr Imae and Ms Ayako inspecting the conditions of the toilets at VNP (VNP).



Photo 11: Project team and CEPA officers held a meeting with the MD on new gate fees system of VNP (CEPA).



Photo 12: The Project purchased two new kayaks for the Bootless Bay proposed Marine Protected Area (Port Moresby).

Photo Library, May 2018



Photo 1: Mr. Asano and Mr. Hoshiai of JICA inspecting the work of the sub-contractor inside of New Information Center (VNP).



Photo 2: Workers of Rhodes PNG Ltd.(sub-contractor) finalizing interior of New Information Center (VNP).



Photo 3: The installation of steel posts for wood decking were ongoing (VNP).



Photo 4: Dr. Nagahama discussing on the results of biodiversity survey in Bootless Bay with Mr. Pius of UPNG (UPNG).



Photo 5: CEPA-JICA Project Team surveying mangrove areas in Tahira farm to decide places of setting signboards (Tahira).



Photo 6: Dr. Nagahama having a meeting with the representative of Central Papua Conference (CPC) for discussing working schedule of MOU for mangrove protection (Port Moresby).

Photo Library, April 2018



Photo 1: Mr. Sakano of JICA discussing work schedule of wood decking for IC complex (VNP).



Photo 2: CEPA-JICA project team attending the National Coordinating Committee of the Coral Triangle Initiative with national stakeholder members (Port Moresby).



Photo 3: Workers of cement company are conducting concrete test for checking strength of concrete (VNP).



Photo 4: CEPA-JICA project team attending CEPA-CPC MOU signing ceremony at CPC office (Port Moresby).



Photo 5: A worker of Rhodes PNG Ltd.(sub-contractor) installing a door for new information center (VNP).



Photo 6: Mr. Imai of JICA checking work progress of renovated old information center (VNP).

Photo Library, March 2018



Photo 1: The 5th BBMCI meeting was held in 15 March 2018. More than 20 people from different institutions participated including the local land owner and Loloata Island developer (Port Moresby).



Photo 2: Mr. Asano of JICA, explaining the recent project achievements to the people from the Japanese Embassy and JICA PNG Office. (Port Moresby).



Photo 3: Dr. Nagahama, Mr. Suruman and Mr. Ormana of CEPA-JICA Project Team, visiting Manus Provincial Government Office to collect information on MPA establishment (Lorengau).



Photo 4: CEPA-JICA Project Team, visiting the office of Wildlife Conservation Society in Manus Island. They work in 10 proposed MPA sites (Lorengau).



Photo 5: CEPA-JICA Project Team having a meeting with Central Papua Conference (CPC). We agree on the MoU for mangrove protection in their land at Bootless Bay (Port Moresby).



Photo 6: Dr. Nagahama of JICA measuring the dimensions of the land. CEPA-JICA Project Team had various dialogues with the local collaborator, Mr. Chapman, who signed MoU for protecting mangrove in their land. (Bootless Bay).

Photo Library, February 2018



Photo 1: Mr. Imai of JICA discussing on the renovation of old information center with Mr. Howard of CEPA-JICA Project team (Port Moresby).



Photo 2: Mr. Mochizuki of JICA having a meeting with Mr. Alfred Kennedy, the manager of Koiari LLG, for discussing on the progress of making the development plan (Port Moresby).



Photo 3: Mr. Imai of JICA inspecting the work for IC complex (VNP).



Photo 4: Mr. Mochizuki of JICA discussing on the results of social mapping with Dr. Rodney from socioeconomic survey team (Port Moresby).



Photo 5: Ms. Ochi and Dr. Nagahama of JICA having a meeting with a CEPA counterpart about zonation of the Mangrove Protected Area (Port Moresby).



Photo 6: Ms. Ochi and Dr. Nagahama of JICA conducting joint site observation for mangrove protection with the land owner of Tahira farm (Tahira).



Photo 7: CEPA-JICA project marine team visiting mangrove areas in Tahira farm to select places of setting signboards (Tahira).



Photo 8: Dr. Nagahama of JICA confirming the progress of marine biodiversity survey at University of PNG (Port Moresby).



Photo 9: CEPA-JICA project marine team visiting Central Papua Conference office to discuss on MoU for protection of mangroves in their land at Tahira (Port Moresby).



Photo 10: Mr. Asano of JICA inspecting the progress of construction of IC complex (VNP).



Photo 11: Local contractor digging holes for installing support piles of wood deck (VNP).



Photo 12: JICA expert and his counterparts from the forestry agency of Solomon Islands' government visited VNP for learning management of the park (VNP).

Photo Library, January 2018



Photo 1: Mr. Sakano and Mr. Imai of JICA discussing on the design of the new IC with the sub contractor (Rhodes) workers (VNP).



Photo 2: Mr. Sakano of JICA inspecting the renovation work of the old IC (VNP).



Photo 3: Mr. Asano of JICA shaking hands with Mr. Piskaut of UPNG for the commencement of marine biodiversity survey at Bootless Bay (Port Moresby).



Photo 4: CEPA-JICA Project team inspecting the construction of the new IC (VNP).



Photo 5: Mr. Howard of CEPA-JICA Project team using the draft floor design of the wooden decking to make measurement at the construction sites (VNP).



Photo 6: Mr. Brian Brunton (legal consultant of UNDP who is drafting the PA Bill) explaining the costs consideration to the CEPA-JICA project team during the PA Bill review session (Port Moresby).



Photo 7: UPNG marine scientists preparing for the coral survey at Bootless Bay (Bootless Bay).

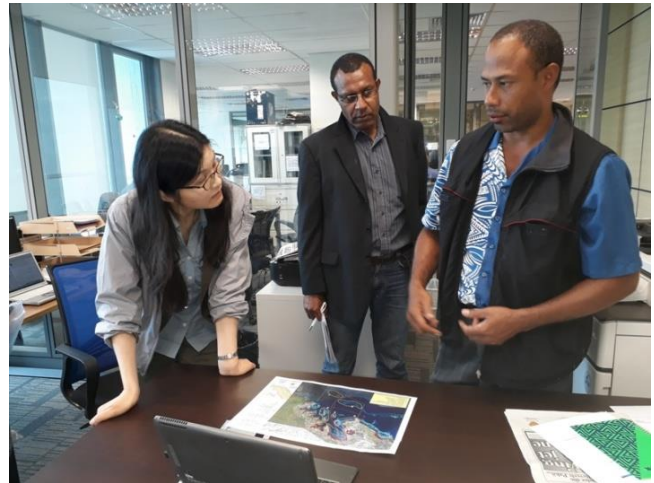


Photo 8: Ms. Ochi of JICA discussing the mangrove map of Bootless Bay with Mr. Suruman, the Manager for Marine Ecosystem of CEPA (Port Moresby)



Photo 9: Mr. Brunton facilitating the review session of PA Bill with the senior officers of CEPA including CEPA-JICA Project Team (Port Moresby).



Photo 10: UPNG marine specialist undertaking coral reef survey as a part of marine biodiversity survey near Motupore Island (Bootless Bay).



Photo 11: Mr. Bito, Terrestrial PA expert of JICA Expert Team retrieving the SD card from the cameras during the monthly camera trap monitoring (VNP).



Photo 12: Mr. Mamu, local coordinator of JICA Expert Team inspecting the artwork on the signs for IC complex (Port Moresby).

Photo Library, December 2017



Photo 1: Dr. Nagahama of JICA discussing with Mr. Warren Chapman, a land owner of Tahira neighboring site, on mangrove protection at Tahira Farmland, Bootless Bay (Port Moresby).



Photo 2: Mr. Mochizuki of JICA discussing on five-year development plan for Central Province with Mr. Kini Kenneth Mala, Policy Advisor of Central Provincial Administration (Port Moresby).



Photo 3: Mr. Sakano and Mr. Hoshiai of JICA having a regular meeting with Rhodes PNG Ltd., construction contractor for new information center (Port Moresby).



Photo 4: Dr. Nagahama of JICA discussing with Lamana Holding's representative on BBMCI partnership (Port Moresby).



Photo 5: Mr. Sakano of JICA and Mr. Alex of Rhodes discussing on the construction of the new information center (VNP).



Photo 6: Local carvers from Gawi Arts carrying totems for storing in the renovated information center (VNP).

Photo Library, November 2017



Photo 1: Mr. Sakano and Mr. Imai of JICA verifying the progress of construction of new information center with Mr. Benside of CEPA (Port Moresby).



Photo 2: Mr. Lokani of Mamagraun (local NGO) discussing with Mr. Mamu and Mr. Opu of CEPA-JICA team on “Certificate in Community Management” courses to be held at UPNG from December 10 to 22, 2017 (Port Moresby).



Photo 3: Mr. Asano of JICA inspecting carvings for installing IC complex (Port Moresby).



Photo 4: Mr. Sakano and Mr. Imai of JICA discussing with Rhodes PNG Ltd.(sub-contractor) on the status of new information center construction (Port Moresby).



Photo 5: Mr. Sakano and Mr. Imai of JICA inspecting progress at the construction site of new information center (VNP).



Photo 6: Mr.Sakano and Mr. Imai of JICA inspecting progress of renovation of old information center (VNP).



Photo 7: Mr. Imai of JICA discussing with Ms. Solien of CEPA on the progress of Protected Area Bill in relation to Output 1 of the Project (Port Moresby).



Photo 8: Mr. Mochizuki of JICA discussing contents of study/exposure tour for livelihood development with Mr. Nathan Lati of TPA (Port Moresby).



Photo 9: Mr. Asano explaining the outline of the activity at VNP to Dr. Hasegawa and Mr. Shigefuji of the Monitoring Mission from JICA HQ (Port Moresby).



Photo 10: Dr. Nagahama explaining to the JICA Monitoring Mission and UPNG about Output 3 activities (Tahira).



Photo 11: Biodiversity survey team explaining the results of the survey to JICA Monitoring Mission (VNP).



Photo 12: CEPA-JICA project team discussing the results of social mapping with Dr. Rodney of socioeconomic survey team (Port Moresby).



Photo 13: Dr. Nagahama of JICA discussing a target area for establishing MPA with Mr. Bernard of CEPA (Port Moresby).



Photo 14: CEPA-JICA team discussing results of biodiversity survey with Dr. Alison of biodiversity survey team (VNP).



Photo 15: Mr. Bense of CEPA making a presentation about facility development in VNP at the 3rd JCC meeting (Port Moresby).



Photo 16: Mr. Asano of JICA making a presentation about management framework of VNP at the 3rd JCC meeting (Port Moresby).



Photo 17: Dr. Alison from biodiversity survey team explaining results of the survey at the 3rd JCC meeting (Port Moresby).



Photo 18: Mr. Hoshiai of JICA having a regular meeting with Rhodes PNG of construction contractor for new information center (Port Moresby).

Photo Library, October 2017



Photo 1: Mr. Asano and Mr. Watanabe of JICA, discussing with Dr. Allen Allison, who represents the expert group for biodiversity survey on their major deliverables (Port Moresby).



Photo 2: Dr. Allison giving direction to his field staff for conducting a biodiversity survey (VNP).



Photo 3: JICA Expert Team, interviewing Dr. Rodney Kameata, for monitoring the progress of socioeconomic survey (Port Moresby).



Photo 4: Mr. Asano of JICA explaining the importance of social mapping during the progress presentation for socioeconomic survey at CEPA Hohola office (Port Moresby).



Photo 5: Mr. Ted Mamu, JICA local coordinator, discussing about the bird watching project with Dr. Darren Bito at Pacific Adventist University (PAU) (Port Moresby).



Photo 6: Mr. Job Opu, JICA Marine Expert, discussing with Mr. Wanaga of Central Papua Conference (CPC) about the proposal of establishing MPA at CPC's property in Bautama near Bootless Bay (Port Moresby).



Photo 7: The renovation of existing information center at Varirata National Park is ongoing. Photo showing the interior of the building (VNP).



Photo 8: The renovation of the existing information center is ongoing. Photo showing side view (VNP).



Photo 9: The construction of the new information center with steel posts and beams (VNP).



Photo 10: Mr. Mamu, JICA technical coordinator, explaining to the local community the purpose of social mapping and socio-economic studies (Depo/Sogeri)



Photo 11: JICA Expert Team undertaking the monthly monitoring of camera traps (VNP).



Photo 12: Mr. Imai discussing with the local contractor - Hahebou, and Mr. Howard - JICA local expert, on preparation of wooden decking of old information center (VNP).

Photo Library, September 2017



Photo 1: Patrolling the trail of Varirata National Park by CEPA-JICA project staff (VNP).



Photo 2: Mr. Watanabe checking totems to be used for new information centre complex (Port Moresby).



Photo 3: Renovation of old information center is ongoing and once completed will be part of new complex as a auditorium (VNP).



Photo 4: Newly installed trench and wooden foot bridge, ready to be used by visitors (VNP).



Photo 5: Renovated parking areas with new car stop piles recently installed (VNP).



Photo 6: New information center was surveyed and pit and column were installed (VNP).



Photo 7: Camera trap monitoring is ongoing since September 2015. Regular maintenance is also closely monitored (VNP).



Photo 8: Auditorium is being renovated by local contractor (VNP).



Photo 9: Mr. Dabio Moi of ecological survey team preparing Museum and DNA specimens for reptiles and frogs collected at Varirata National Park (VNP).



Photo 10: Mr. Angus Fraser, ecologist and photographer explaining to CEPA-JICA team on photos taken during the survey (VNP).



Photo 11: Local ecological survey team preparing museum specimens at their wet lab (VNP).



Photo 12: UPNG plant experts identifying plants of Motupore Island (UPNG/Port Moresby).



Photo 13: CEPA-JICA Project members, visiting the President of Central Papua Conference to have MoU to establish MPA in their land (Port Moresby).



Photo 14: Marine Protected Area working group for Aioro (Horse Shoe) Reef was established at CEPA. Central Province Government, Hiri LLG, UPNG, the Dive Center and CEPA agreed to participate the working group (Port Moresby).



Photo 15: Yukio Nagahama, JICA, visiting Tahira UPNG land where will be established MPA by CEPA-JICA Project and UPNG.



Photo 16: CEPA-JICA project members, visiting UPNG land to confirm land boundary and condition of the nature (Tahira).



Photo 17: A kind of bivalve was found in Bootless Bay. The resource should be protected because it has high commercial value (Bootless Bay).



Photo 18: CEPA-JICA Project members, visiting President of Central Papua Conference to have MoU to establish MPA in their land (Port Moresby).



Photo 19: CEPA-JICA team traveling to Motupore Island to attend the biodiversity training close up (Motupore Island).



Photo 20: Mr Suruman of CEPA giving a closing remark after the biodiversity conservation training on Motupore Island (Motupore Island).



Photo 21: Local participants attaining certificates of participation at the biodiversity training at Motupore Island (Motupore).



Photo 22: Local contractor installing signboards of CEPA-JICA marine project at Tahira (Tahira).



Photo 23: CEPA-JICA team meeting with Ramsar Regional office on proposal for Bootless Bay to be a Ramsar Site (CEPA/Port Moresby).



Photo 24: CEPA-JICA Project sign board is installed at Motupore Island under the MoU with UPNG (Motupore Island).

Photo Library, August 2017



Photo 1: Social mapping and socio-economic survey around VNP are ongoing. JICA local consultant, having a first meeting with four clan leaders of VNP (Depo/Central Province).



Photo 2: Repairing the drainage in Varirata National Park has successfully been completed (VNP).



Photo 3: Mr. Mochizuki of JICA, explaining progress of renovation of the old Information Center to Mr. John Pundari, Minister for Environment & Conservation, Climate Change (VNP).



Photo 4: Roof repairing work is progressing for renovation of Old Information Center (VNP).



Photo 5: A local craftsman making a totem pole with cultural base-relief for renovation of old Information Center at Varirata National Park (Port Moresby).



Photo 6: Bird Watching Shelter was installed at the campus of Pacific Adventist University (PAU) as per the agreement in the MoU. The project provided technical assistance for it (PAU).



Photo 7: Working Group Meeting for discussing on MoU for establishing Marine Protected Area at Horse Shoe Reef. The MoU was drafted based on the discussion (CEPA).



Photo 8: Field survey for defining zones in proposed Tahira Mangrove Protection Area, based on the agreed MoU between CEPA and UPNG (Tahira).



Photo 9: Front container was installed to the project dinghy, which assists project activity to be more efficient (Tahira).



Photo 10: Installing a deck board to the project dinghy has been completed (Tahira).



Photo 11: Meeting with Mr. Arnold Lakamanga, Manager for Marketing & GIS Information of Mineral Resources Authority as a part of Social Mapping Study (Port Moresby).



Photo 12: Meeting with UPNG for marine biodiversity survey, which is defined in the MoU for MPA establishment (UPNG).

Photo Library, July 2017



Photo 1: CEPA-JICA team, discussing on Conservation Deed for establishing MPA with Mr. Brian Brunton (lawyer) and Mr. Lester Seri who are legal experts (CEPA, Port Moresby).



Photo 2: The project boat is under renovation for installing deck board (Tahira).



Photo 3: Dr. Nagahama and Mr. Asano of JICA, discussing with UPNG on MoU for Bootless Bay conservation (UPNG, Port Moresby).



Photo 4: Launching of MoU signing between UPNG and CEPA (Port Moresby).



Photo 5: CEPA-JICA team, TPA, PAU and the contractor, discussing the design of bird watching shelter to be installed in PAU (PAU).



Photo 6: Dr. Rodney Kameata of SERACS interviewing the staff of Sogeri Lodge for social mapping (Koiari).



Photo 7: CEPA-JICA team, discussing with local architect on renovation of old Information Center in Varirata National Park (CEPA, Port Moresby).



Photo 8: Construction company for new Information Center, constructing base camp kit house in Varirata National Park (VNP).



Photo 9: CEPA-JICA team, discussing on the design of new Information Center with the contractor (CEPA, Port Moresby).



Photo 10: Car stop piles were installed at the parking area in Varirata National Park (VNP).



Photo 11: Local construction contractor, repairing the drainage of parking area in Varirata National Park (VNP).



Photo 12: Several wooden foot-bridges in Varirata National Park is in the middle of construction (VNP).

Photo Library, June 2017



Photo 1: Traditional dance group of Koiari people, performing dance at World Environmental Day on 5th June 2017 (VNP).



Photo 2: Traditional cooking group of Koiari people, preparing lunch boxes at World Environmental Day on 5th June 2017 (VNP).



Photo 3: CEPA-JICA team, discussing livelihood development plan for Koiari people (CEPA/Port Moresby).



Photo 4: Social groups established by the Project (Cultural item group) in Koiari, having a discussion for their activity plan (Koiari LLG).



Photo 5: Koiari traditional “bilum” woven from Tulip tree bark shown by the social group - “bilum” is a traditional neck bag used for carrying food and various staffs. Fiber of the bag was dyed with the roots of ginger plant (Koiari LLG/Central Province)



Photo 6: Clay pot, club and spear shown by social group - The club and spear are used as weapon and shield during tribal fights in old days. The clay pots are used for fetching water for cooking (Koiari LLG/Central Province).



Photo 1: CEPA-JICA Project, supported the event of Coral Triangle Day at Konebada beach. (Port Moresby).



Photo 2: Third meeting of Bootless Bay Marine Conservation Initiative (BBMCI) was held on 21st June 2017 at CEPA office (Port Moresby).



Photo 3: Mr. Henry Elias, GM of Pacific Energy Aviation Ltd, presenting proposed development plan on fuel/gas pipeline from Bootless Bay to Jacksons Airport in BBMCI (Port Moresby).



Photo 4: Ms. Judith Raka, PNG Port, pointing on exposed soils from excavations from Loloata Island Resort Development by Lamana Holdings (Port Moresby).



Photo 5: CEPA-JICA Project attended Ridge to Reef Project workshop at Pari village (Pari/NCDC).

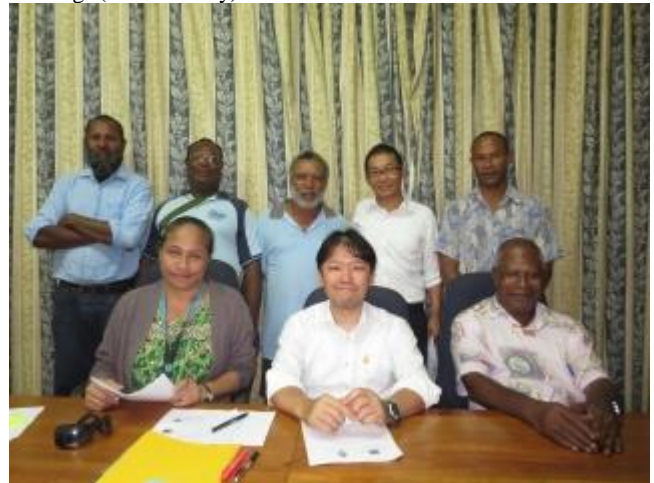


Photo 6: Meeting held between University of Papua New Guinea (UPNG) and CEPA for the signing of MoU for the establishment of mangrove protection area and MPA in Bootless Bay (UPNG/Port Moresby).

Photo Library, May 2017



Photo 1: CEPA-JICA team retrieving data from camera traps at VNP during the monthly check of the cameras (VNP).



Photo 2: CEPA-JICA team, inspecting the car park area at VNP for planning of renovation (VNP).



Photo 3: Mr. Imai of JICA and Mr. Omoro Asi (local contractor), discussing renovation of car park area at Varirata National Park (VNP).

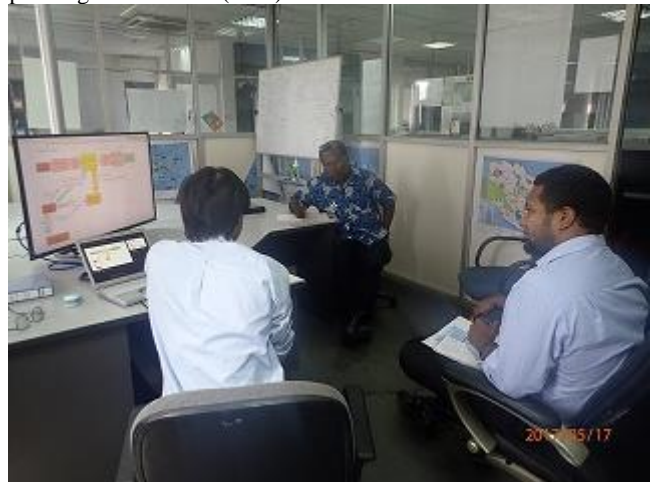


Photo 4: CEPA JICA team, discussing new fee system of Varirata National Park (CEPA).



Photo 5: The biodiversity survey team consisted of local people, collecting plant specimens at Varirata National Park (VNP).



Photo 6: Representatives of social groups established by the Project (dancing group and cooking group) in Koiari, having a meeting for the performance at World Environmental Day on 5th June 2017 (Koiari LLG).

Photo Library, April 2017



Photo 1: CEAP-JICA staff, receiving participants at the inaugural event (VNP).



Photo 2: Participants having a session in the event (VNP).



Photo 3: Mr. Asano of JICA, giving an explanation on the result of facility renovation works of the Project (VNP).



Photo 4: Cutting of ribbon for signboards and other facilities with Koiari LLG, CEPA, JICA-PNG, Central Provincial Government, and local community representatives (VNP).



Photo 5: Ground breaking ceremony for new Information Center and renovation of existing Information Centre (VNP).



Photo 6: Invited guests been served traditionally cooked food by Koiari Cooking Group, which was formulated by the Project (VNP).



Photo 7: Local Cooking Group which was formulated by the project as a part of livelihood development activities, preparing local dishes to be served at the event (VNP).



Photo 8: Local Dancing Group which was formulated by the project as a part of livelihood development activities, preparing costume to be used at the event (VNP).



Photo 9: Traditional costume crown using feather of bird of paradise (VNP).



Photo 10: Local Dancing Group fully dressed up with Koiari's traditional dancing costume (VNP).



Photo 11: Local Dancing Group, practicing dance to be performed at the event (VNP).



Photo 12: Member of Local Cooking Group and Local Dancing Group discussing about menu to be served at the event (VNP).



Photo 1: Signboard which promotes project activities in the area was installed at the entrance of Tubuseria village (Tubuseria).



Photo 2: Cutting ribbon of signboards which were installed in three locations of Tubuseria Village and its suburb (Tubuseria).



Photo 3: Snapshot from coastal clean-up event under BBMCI on 12 April 2017(Tubuseria).



Photo 4: Snapshot from coastal clean-up event under BBMCI on 12 April 2017(Tubuseria).



Photo 5: Mr. Asano of JICA, giving opening speech at coastal clean-up event under BBMCI on 12 April 2017(Tubuseria).



Photo 6: Ms. Kalim, Director for Sustainable Environment Program CEPA, giving opening speech at coastal clean-up event under BBMCI on 12 April 2017(Tubuseria).



Photo 7: Councillor of Tubuseria Village, giving opening speech at coastal clean-up event under BBMCI on 12 April 2017(Tubuseria).



Photo 8: Mr. Hetahu who is director of local waste management NGO, giving opening speech at coastal clean-up event under BBMCI on 12 April 2017(Tubuseria).



Photo 9: Event T-shirt was distributed to the participants (Tubuseria).



Photo 10: Participants collecting rubbish at the coast of Tubuseria village (Tubuseria).



Photo 11: Collected rubbish bags at the event (Tubuseria).



Photo 12: Coastal view "after" the collection of rubbish (Tubuseria).



Photo 13: Collected rubbish bags were transferred to dumping site by tipper truck (Tubuseria).



Photo 14: The event participants, carrying collected rubbishes to dumping site (Tubuseria).



Photo 15: Group photo from the coastal cleanup event (Tubuseria).



Photo 16: Snapshot from the coastal cleanup event (Tubuseria).



Photo 17: The second BBMCI official meeting was held on 19 April 2017 (CEPA).



Photo 18: The second BBMCI official meeting was held on 19 April 2017 (CEPA).

Photo Library, March 2017



Photo 1: Mr. Mochizuki of JICA, collecting member list of social group for developing ecotourism (Koiari LLG).



Photo 2: Mr. Fredrick of CEPA, presenting project outline to participants of company event at VNP (Varirata National Park).



Photo 3: Social group members for ecotour development, discussing activity plan for traditional dance group (Koiari LLG).



Photo 4: CEPA-JICA project team and Mr. Morea, advisor of Central Provincial Government, discussing five years development plan for Central province (Port Moresby).



Photo 5: Traditional dance group of Koiari, having an audition for checking their dancing skill at VNP (Varirata National Park).



Photo 6: CEPA-JICA project team and Mr. Yabba, team leader of social group for traditional dance, discussing activity plan for traditional dance group (Koiari LLG).



Photo 7: Male Raggiana Bird of Paradise (*Paradisaea raggiana*) displaying to females in Varirata National Park (photo taken by the JICA expert in 26th March 2017) (Varirata National Park).



Photo 8: CEPA-JICA Team invited to the “5th International Day of Forest” in Koiari, organized by PNG Forest Authority (Koiari LLG).



Photo 9: CEPA-JICA Team having a meeting with Mr. Yabba who is a local dance performer and the leader of social group for traditional dance in Koiari (CEPA/Port Moresby).



Photo 10: CEPA stall and JICA expert, visiting Hiri LLG office for the project signboard setting in Tubuseria (Port Moresby).



Photo 11: JICA expert, Dr. Nagahama, getting GPS information on pipeline construction in Bootless Bay from Pacific Energy Aviation Ltd. to conduct baseline survey (Port Moresby).



Photo 12: CEPA-JICA marine team, sharing information about ongoing activities of Output 3 (Port Moresby).

Photo Library, February 2017



Photo 1: Dr. Nagahama of JICA, interviewing with Dr. Frank Butler, representative of environment NGO, for promoting marine activity (CEPA).



Photo 2: CEPA-JICA project team, having a meeting with Mr. Maravu, the Manager of Hiri LLG on legal background for establishing MPA (CEPA).



Photo 3: CEPA-JICA Project Team visited coastal settlement which is suffering from serious waste dumping problem (Tubuseria/Central Province)



Photo 4: Mr. Sibona, the representative of local NGO and CEPA-JICA Project Team, observing houses on the sea from a hilltop and discussing on coastal cleanup event (Tubuseria/Central Province).



Photo 5: Dr. Nagahama of JICA, having a meeting with a stakeholder (reps of SDA church of Central Papua Conference) of Bootless Bay Marine Conservation Initiative (BBMCI) on MoU and zonation (CEPA).



Photo 6: CEPA-JICA Project Team, interviewing local fishermen and women's group to establish MPA (Tubuseria/Central Province).



Photo 7: “VNP Wrap-Up Workshop on the Project Achievements 2015 – 2016” was held with local clan leaders at Kokoda Trail Hotel on the 2nd of February 2017 (Koiari LLG/Central Province).



Photo 8: Mr. Imai of JICA presenting at the “VNP Wrap-Up Workshop on the Project Achievements 2015 – 2016” that was held with local clan leaders at Kokoda Trail Hotel on the 2nd of February 2017 (Koiari LLG/Central Province).



Photo 9: “VNP Wrap-Up Workshop on the Project Achievements 2015 – 2016” was held with local clan leaders at Kokoda Trail Hotel on the 2nd of February 2017 (Koiari LLG).

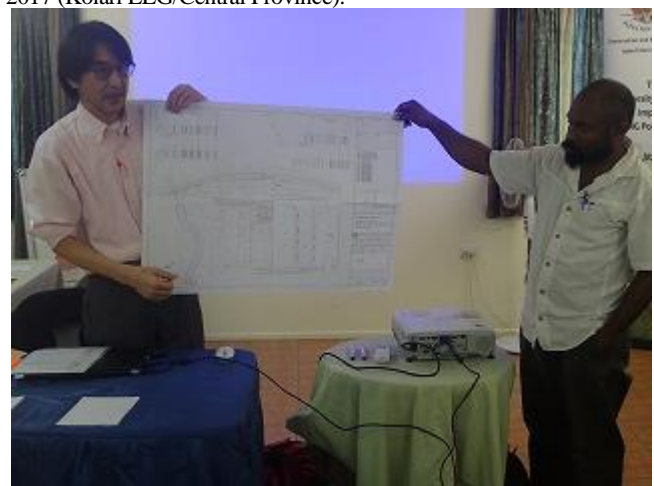


Photo 10: “VNP Wrap-Up Workshop on the Project Achievements 2015 – 2016” was held with local clan leaders at Kokoda Trail Hotel on the 2nd of February 2017 (Koiari LLG).



Photo 11: “VNP Wrap-Up Workshop on the Project Achievements 2015 – 2016” was held with local clan leaders at Kokoda Trail Hotel on the 2nd of February 2017 (Koiari LLG/Central Province).



Photo 12: Mr. Kanayama of JICA (architect), explaining about basic plan for Information Center in VNP, to CEPA staff (CEPA).



Photo 13: Dr.Nagahama and Mr Job of JICA, visiting Coastal Fisheries Development Agency to explain ongoing project activities of Output 3 and to invite them as a member of Bootless Bay Marine Conservation Initiative (Port Moresby).



Photo 14: CEPA-JICA Project Marine Team visited Pari Women Development Association. Later, PWDA submitted a letter addressed to CEPA to express their interest to participate in BBMCI (Pari, NCDC).



Photo 15: Mr. Vagi of CEPA, explaining significance of participation in BBMCI to PWDA leaders and the secretary (Pari, NCDC).



Photo 16: Dr.Nagahama of JICA, interviewing local leaders about their concerns on marine environment (Pari, NCDC).



Photo 17: CEPA-JICA Project Team, promoting the project in the World Wildlife Day event at Nature Park (Port Moresby).



Photo 18: Mr. Fredrick of CEPA, explaining importance of CEPA-JICA Project activities in the World Wildlife Day event (Port Moresby).

Photo Library, January 2017



Photo 1: Group photo from the 2nd marine workshop on 31 Jan 2017 at Lamana Hotel (Port Moresby).



Photo 2: Ms. Yvonne Tio of CEPA, making the opening remark at the marine workshop (Port Moresby).



Photo 3: Mr. Henry Elias of Pacific Energy Aviation making a point on the environmental protection of his fuel pipeline project at the marine workshop (Port Moresby).



Photo 4: Mr Edward Kila, Deputy Administrator of Central Province, making a speech at the marine workshop (Port Moresby).



Photo 5: Mr. Bernard Suruman of CEPA making a presentation at the marine workshop (Port Moresby).



Photo 6: 23 people from over 12 concerned institutions participated in the 2nd marine workshop at Lamana Hotel (Port Moresby).

Photo Library, December 2016



Photo 1: Mr. Mochizuki of JICA, checking the report of geo-soil survey for the Information Center at Varirata National Park (Port Moresby).



Photo 2: CEPA-JICA team, discussing with the member of social groups to develop a packaged tour with the participation of Mr. Alfred Kennedy, Koiari LLG Manager (Port Moresby).



Photo 3: Mr. Nagahama of JICA, visiting container supplier to get a quotation for marine survey equipment (Port Moresby).



Photo 4: Mr. Nagahama, explaining the plan to the supplier (Port Moresby).



Photo 5: A team of security guards was formed under the initiative of the Project at Varirata National Park. Guards were recruited from the land owning clans (VNP).



Photo 6: Security guards, keeping watch over the main lookout of the Varirata National Park (VNP).

Photo Library, November 2016



Photo 1: CEPA-JICA team inspecting the signboard installed at the main picnic area of the park (VNP).



Photo 2: Mr. Imai and Mr. Mamu of JICA, discussing on electricity line extension to the proposed information center with the staff of PNG Power Ltd. (Port Moresby).



Photo 3: Mr. Imai of JICA, giving guidance to the team of security guards who were employed from local clan groups (VNP).



Photo 4: CEPA-JICA team, installing a camera trap at the park (VNP).



Photo 5: New signboards for park regulation and the bird watching project were about to be installed at the park (VNP).



Photo 6: Leaders of four land owning clans and word councilors, discussing on how to form social groups to develop a packaged tour (Koiari).



Photo 7: CEPA-JICA team, preparing for marine survey at Bootless Bay (Tahira).



Photo 8: CEPA-JICA team participated stakeholder workshop on installation of fuel pipeline at Bootless Bay (Port Moresby).



Photo 9: CEPA-JICA team, discussing about possible zoning of Tahira area to establish a marine protected area (Port Moresby).



Photo 10: CEPA-JICA team, discussing about protection of preserved mangroves at Tubuseria Village with Mr. Felix Daroa from the village (Port Moresby).



Photo 11: A snapshot taken during the marine biodiversity survey (a group of echinus).



Photo 12: A snapshot taken during the marine biodiversity survey (a group of sea cucumber).

Photo Library, October 2016



Photo 1: Mr. Imai of JICA, supervising the work of soil survey at the proposed site for Information Center (VNP).



Photo 2: JICA expert, Mr. Imai of JICA, having a final consultation with the contractor for topographic survey (VNP).



Photo 3: JICA expert, Mr. Takamura, having a meeting with the staff of PNG Fire Service for the proposed Information Centre at VNP (Port Moresby).



Photo 4: JICA expert, Mr. Takamura, interviewing at PNG Power Limited for the proposed Information Centre at VNP (Port Moresby).



Photo 5: CEPA-JICA team inspecting the signboard installed at the main lookout of the park (VNP).



Photo 6: Mr. Imai of JICA, supervising the contractors installing a signboard at the main picnic site of the park (VNP).



Photo 1: CEPA-JICA team with approx.20 participants taking a commemorative photo (Tahira).



Photo 2: Participants receiving a novelty t-shirts of “Bootless Bay Marine Conservation Initiative”. (Tahira).



Photo 3: Dingy of 13 ft. being towed by the Project vehicle (Tahira).



Photo 4: CEPA-JICA Team purchased an outboard motor of 40 horsepowers. Project staff carrying the motor to be installed in the dingy (Tahira).



Photo 5: Participants enjoying the exhibition of marine equipment, which were purchased for the Project. Dr.Nagahama of JICA is explaining how to use the under water walky-talky (Tahira).



Photo 6: The event was held at Tahira Boat Center in Bootless inlet. Approx. 30 people participated from various institutions such as UPNG, PNG Port Authority, National Fisheries Authority, local communities etc. (Tahira).

Photo Library, September 2016



Photo 1: CEPA-JICA team with Central Provincial Administration (Mr. Morea Arua, Advisor for Planning) discussing about the next 5 years' Development Plan (Port Moresby).



Photo 2: CEPA-JICA Team exchanging batteries of camera traps (VNP).



Photo 3: CEPA-JICA team and Mr. Alfred Kenedy (Koiari LLG Manager) discussing about draft packaged tour for livelihood development in Koiari LLG (CEPA).



Photo 4: CEPA-JICA team checking the condition of the newly purchased outboard motor (Motupore Island).



Photo 5: CEPA-JICA team and Mr. Nathan, Program Manager of Tourism Promotion Authority (TPA) discussing on the draft packaged tour for livelihood development in Koiari LLG (Crowne Plaza Hotel, Port Moresby).



Photo 6: Construction workers installing main signboard at the main picnic area (VNP).

Photo Library, August 2016



Photo 1: Dr. Nagahama and Mr. Opu of JICA Expert Team, discussing about Bootless bay conservation with Mr. Sibona Nabaru, the Manager of Hiri Rural LLG (Port Moresby).



Photo 2: CEPA-JICA Team with professors from UPNG and representatives from Central Papua Conference (CPC) had a joint observation trip to the mangrove sites (Bootless Bay).



Photo 3: CEPA-JICA Team with professors from UPNG and representatives from Central Papua Conference (CPC) had a joint observation trip to the mangrove sites of Tahira inlet (Bootless Bay).



Photo 4: Experts from UPNG, CEPA-JICA Team and local communities, discussing on the site of protection at the Inception Workshop (Motupore Island).



Photo 5: CEPA-JICA Team with professors from UPNG and representatives from Central Papua Conference (CPC) had a joint observation trip to the proposed mangrove protection sites of Tahira inlet (Bootless Bay).



Photo 6: Inception Workshop for Bootless Bay Conservation initiative was taken place on 16th August, with approximately 30 participants from various institutions and local communities (Motupore Island).



Photo 7: CEPA-JICA Team along with its partners made a number of field observation trip to the proposed mangrove protection sites of Tahira inlet (Bootless Bay).



Photo 8: Participants of Inception Workshop for Bootless Bay Conservation initiative getting a boat to go to Motupore Island (Motupore Island).



Photo 9: Mr. Vagi Rei, Manager of Marine Protected Area of CEPA explaining concept of zoning on the proposed mangrove protection sites of Tahira inlet (Bootless Bay).



Photo 10: CEPA-JICA Tem discussing with the staff of National Capital District Committee (NCDC) for mangrove protection (Port Moresby).



Photo 11: Mr. Kisea, Park Ranger for Varirata National Park started wearing newly introduced uniform for his service, with new signboard installed by the Project (Varirata National Park).



Photo 12: Mr. Bense Thomas, Manager of Terrestrial Protected Area of CEPA wearing newly introduced uniform (vest) (CEPA).

Photo Library, July 2016

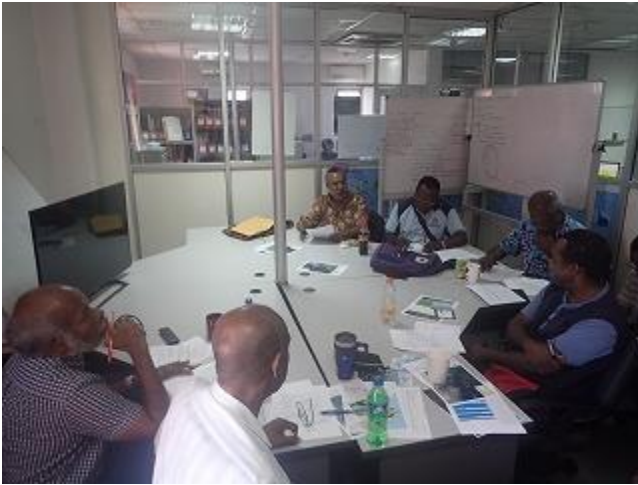


Photo 1: CEPA-JICA Team has been having consultations with UPNG for developing a joint work plan for mangrove protection at Bootless Bay inlet (CEPA).



Photo 2: CEPA-JICA Team conducted monitoring work for renovated park facilities (VNP).



Photo 3: CEPA-JICA Team continues monitoring activities using trap cameras. SD card and battery are exchanged once a month (VNP).



Photo 4: CEPA-JICA Team conducted monitoring work for renovated park facilities (VNP).



Photo 5: Mr. Imai (JICA) and Mr. Ohmana (CEPA) are having discussions on the progress of park facility renovation, and planning monitoring work for renovated facilities (CEPA).



Photo 6: Local construction company has conducted a field survey for proposing renovation of the Information Center. (VNP).

Photo Library, June 2016



Photo 1: Speech given by Mr. Gunter Joku (MD of CEPA) during World Environment Day (Adventure Park outside Port Moresby).



Photo 2: Mr. Fredrick Ohmana and Mr. Omoro Asi (local contractor) discussing the quote for piles installation for parking lots (VNP).



Photo 3: Meeting with UPNG on draft MoU for birdwatching and MPA establishment at the Bootless Bay(CEPA).



Photo 4: CEPA-JICA team retrieving data from camera traps at VNP during the monthly check of the cameras(VNP).



Photo 5: Mr. Vagi Rei, Mr. Fredrick Ohmana (CEPA) and Ms. Ochi Ayako (JICA) listening to discussions during the meeting with UPNG on the draft MoU(CEPA).



Photo 6: Meeting with 4 clan leaders at Depo village/Koiari regarding the equal participation of local landowners for the work(Koiari).

Photo Library, May 2016



Photo 1: CEPA –JICA Team, having a discussion with Mr. Kila, who is Deputy Provincial Administrator of Central Province (CEPA).



Photo 2: CEPA-JICA Team, giving instructions to local carpenters on signage design for VNP facility development (Koiari LLG).



Photo 3: CEPA-JICA Team, giving instructions on installement of signage at VNP (VNP).



Photo 4: CEPA-JICA Team and local landowners, having a rest during the joint expedition trip in Doe (Koiari LLG).



Photo 5: CEPA-JICA Team, giving instructions during the 4th community workshops in Koiari (Koiari LLG).



Photo 6: CEPA-JICA Team, giving instructions during the 4th community workshops in Koiari (Koiari LLG).

Photo Library, April 2016



Photo 1: CEPA marine officer - Mr.Vagi Rei, explaining about development issues in Bootless Bay at the meeting with UPNG. (UPNG).



Photo 2: Mr.Ogi - the president of Koiari LLG, explaining the importance of forest protection at the meeting with representatives from Doe community. (Koiari LLG).



Photo 3: Nine clan members from Doe community came up to the meeting with an idea of establishing a new protected area in their land. (Koiari LLG).



Photo 4: A snapshot after the meeting with clan representatives from Doe community. (Koiari LLG).



Photo 5: A snapshot from drone survey at Tuna Bay.



Photo 6: JICA Expert - Mr.Watanabe, preparing for drone survey at Tuna Bay.



Photo 7: CEPA Project Coordinator - Mr. Fredrick Ohmana, giving the project polo-shirts to his work partners in Tourism Promotion Authority (TPA).



Photo 8: CEPA-JICA Team had a series of meetings with CEPA Protection Wing on environmental impact of proposed pipeline project at Bootless bay (CEPA).



Photo 9: JICA Expert -Ms.Ochi, giving a presentation on the use of World View II satellite imagery (CEPA).



Photo 10: JICA Expert - Ms.Ochi, conducting ground truthing exercise for clarifying stream lines (VNP).



Photo 11: JICA Chief Advisor -Mr.Asano, giving instructions on the structure of "Koiari tree house" to local carpenters (Koiari LLG).



Photo 12: Local women and children, having a relaxing time at the Mirigeda river of Bootless Bay (Bootless bay).

Photo Library, March 2016



Photo 1: JICA expert - Mr. Mochizuki and the clan member, discussing about the proposal for "Koari tree house" (Koiari LLG).



Photo 2: JICA Technical Coordinator, Mr. Ted Mamu, supervising installation of distance piles at VNP. Piles were installed along all tracks in every 100 m (VNP).



Photo 3: JICA Expert Team -Mr.Mochizuki, Mr.Mamu and TPA - Mr.Nathan, discussing on the bird watching project (Port Moresby).



Photo 4: Work for distance pile installation. (VNP).



Photo 5: A photo of the wood bridge at the main picnic site of VNP, after renovation work by the Project (VNP).



Photo 6: A 3D image of the picnic site of VNP, generated by drone aerial photos.

Photo Library, February 2016



Photo 1: (from left) CEPA Director, TPA CEO, PAU Vice Chancellor, Koiari LLG manager and the JICA Chief Advisor, signing MoUs for bird watching joint project (Lamana Hotel).



Photo 2: Presentation by Ms.Kay, CEPA Director, at the signing ceremony for bird watching MoU with local media (Lamana Hotel).



Photo 3: JICA Chief Advisor -Mr. Asano, Koiari LLG President - Mr.Ogi and his staff, discussing on the bird watching MoU (Koiari LLG).



Photo 4: JICA Expert-Mr.Mochizuki, CEPA Coordinator – Mr.Fredrick and PAU staff – Dr.Bitto, discussing on the bird watching joint project (PAU).



Photo 5: A photo of Joint Site Observation by staff of CEPA, TPA, PAU and JICA Expert Team (Koari LLG).



Photo 6: A photo of Joint Site Observation by staff of CEPA, TPA, PAU and JICA Expert Team (Koiari LLG).

Photo Library, January 2016



Photo 1: CEPA-JICA Team, changing batteries and a memory card of a trap camera (VNP).



Photo 2: CEPA-JICA Team, changing batteries and a memory card of a trap camera (VNP).



Photo 3: JICA expert-Mr.Imai, observing the condition of mega-pot nest which has continuously been monitored (VNP).



Photo 4: CEPA-JICA Project received "Certificate of Appreciation" from Koiari LLG to show their appreciation to the active collaboration and successful implementation of joint activities in 2015.



Photo 5: Local children enjoying bird watching using field scope brought by the JICA Expert (PAU).



Photo 6: New construction has started in VNP for toilet facility renovation by Degicel as a compensation for radio tower construction within the vicinity (VNP).

Photo Library, December 2015



Photo 1: JICA expert-Mr.Mochizuki, changing batteries and a memory card of a trap camera (VNP).



Photo 2: Man-made fire because of carelessness are frequently observed in dry season around VNP (Koiari LLG).



Photo 3: JICA Expert Team attending a public meeting held by local NGO for raising awareness for better management of solid waste (Tubseria).



Photo 4: CEPA-JICA Team giving a presentation on the results of facility assessment of VNP (CEPA).



Photo 5: JICA Marine Expert presenting a draft roadmap for Output 3 (CEPA).



Photo 6: A vehicle donated to CEPA from JICA on 18 Dec 2015 (CEPA).

Photo Library, November 2015



Photo 1: Matured cassowary (*Casuarii* spp.) shot by the project's trap camera on 30 Oct 2015 (VNP).



Photo 2: Matured eastern common cuscus (*Phalanger intercastellanus*) shot by the project's trap camera on 20 Oct 2015 (VNP).



Photo 3: JICA Expert Team having a meeting with TPA officers for ecotourism development at Varirata NP (VNP).



Photo 4: CEPA-JICA Team having a presentation by Mr. Elton Kaitokai of Kokoda Initiative regarding social mapping in Koiari (CEPA).



Photo 5: Group discussion at the follow-up workshop for Koiari (Kokoda Lodge).



Photo 6: Audience having a presentation at the follow-up workshop for Koiari (Kokoda Lodge).

Photo Library, October 2015



Photo 1: Meeting at TPA with PAU for developing joint birding project. (TPA)



Photo 2: JICA expert discussing for upcoming Inception Workshop (Koiari LLG Office).



Photo 3: Mr. Fredrick and Mr. Imai, working for data collection from trap cameras (VNP).



Photo 4: JICA Expert-Mr. Imai, Setting trap cameras (VNP).



Photo 5: Meeting with for Koiari Inception Workshop (L-R)– Mr. Imai of JICA, Mr. Kelly of Koiari LLG Acting Manager, Mr. David, Senior Officer of Central Provincial Administration.



Photo 6: Trap camera with enforced security chain (VNP).

Snapshots from Koiari Inception Workshop (1)



Photo 1: Participants waiting for registration (Koiari LLG).



Photo 2: Local participants registering their names for workshop (Koiari LLG).



Photo 3: (L-R)–Mr Edward Kila, Koji Asano, David Ogi & Mr Beside Thomas (Koiari LLG).



Photo 4: Mr Fredrick Ohmana gave an overview of CEPA-JICA Project (Koiari LLG).



Photo 5: Participants attentive to TPA presentation (Koiari LLG).



Photo 6: Mr Asano very observant on the group presentations (Koiari LLG).

Snapshots from Koiari Inception Workshop (2)



Photo 7: Mr Thomas from CEPA gave an status of VNP at workshop (Koiari LLG).



Photo 8: Participants paying attention to presenters (Koiari LLG).



Photo 9: Mr Simon Pih from TPA giving a presentation on tourism (Koiari LLG).



Photo 10: Mr Kelly Peniaino of Koiari LLG giving a presentation (Koiari LLG).



Photo 11: Mr Asano providing guidance on group discussions (Group 2) (Koiari LLG).



Photo 12: Participants in group discussion (Group 1) (Koiari LLG).

Snapshots from Koiari Inception Workshop (3)



Photo 13: Mr Elton Kaitokai of CEPA emphasising a point in group discussion (Koiari LLG).



Photo 14: Gender participation was vital in planning & community discussion (Koiari LLG).



Photo 15: Fredrick providing guidance for group discussion (Group 3) (Koiari LLG).



Photo 16: Local community actively participate in group discussions (Koiari LLG).



Photo 17: Woman leaders are also significant in planning and decision making (Koiari LLG).



Photo 18: Sirinumu landowners discussing livelihood issues in their area (Koiari LLG).

Photo Library, September 2015



Photo 1: CEPA-JICA Team conducted two-days survey at Bootless Bay. Used the 1st day for observing the coast line. There were fires in many places (Bootless Bay).



Photo 2: CEPA-JICA Team conducted two-days survey at Bootless Bay. Used the 2nd day for observing the coral reef condition at horse shoe lagoon (Bootless Bay).



Photo 3: CEPA-JICA Team checked the condition of mangroves at Tahira (Bootless Bay).



Photo 4: CEPA-JICA Team observed mangrove condition of Tuna bay (Bootless Bay).



Photo 5: CEPA-JICA Team found that the degradation of mangroves at Tuna Bay was in critical level because of illegal logging (Bootless Bay).



Photo 6: CEPA-JICA Team found that the condition of coral reefs were good (Bootless Bay).



Photo 7: CEPA-JICA Team made frequent visits to Koiari LLG to have a series of discussions (Koiari LLG).



Photo 8: Old rubber plantations are one of important income sources for local people in Koiari (Koiari LLG).



Photo 9: CEPA-JICA Team frequently visited Ministry of Land Planning to consult on the registration status of boundaries of VNP (Ministry of Land Planning).



Photo 10: CEPA-JICA Team, conducting a C/P meeting (CEPA).



Photo 11: CEPA-JICA Team conducted drone survey in many places of Koiari LLG. Photo showing local teacher and students watching drone (Koiari LLG).



Photo 12: Discussion with Koiari LLG staff on the project boundary (Koiari LLG).

Photo Library, August 2015



Photo 1: 1st drone flight at VNP (VNP).



Photo 2: VNP used to have a Koiari tree house, now is completely deteriorated (VNP).



Photo 3: Information center is deteriorated at VNP (VNP).



Photo 4: Locals of Koiari are constructing tree house along Sogeri highway to demonstrate local culture in independence day (Koiari LLG).



Photo 5: CEPA-JICA Team had many dialogues with Tourism Promotion Authority (TPA) to develop a joint project (POM).



Photo 6: Donor meeting with JICA, Australian government and UNDP at CEPA (POM).

Photo Library, July 2015



Photo 1: CEPA-JICA Team confirming the boundary line of VNP. The representative of land owners can accompanied (VNP).



Photo 2: A photo of the first Joint coordination committee meeting (CEPA).



Photo 3: Situation of the Gares Track of VNP (VNP).



Photo 4: CEPA-JICA Team interviewing residents who live along the road following to VNP entrance (Koiari LLG).



Photo 5: The situation of a kickoff seminar. A photograph is the project presentation by Mr. Fredrick Omana who is CEPA Project Cordinator (POM).



Photo 6: The Kickoff seminar was successfully conducted with more than 100 participants (POM).



Photo 7: A photo of the group work of the Kickoff seminar. The group C discussed about marine reserve (POM).



Photo 8: A photo of the group work of the Kickoff seminar. The group A discussed about about the Varirata National Park and the improvement in thier livelihood (POM).



Photo 9: Commemoration photography at the end of the Kickoff Seminar (POM).



Photo 10: A photo of the group work of the Kickoff seminar. The group B discussed about zoning and land use (POM).



Photo 11: A mangrove nursery being managed by National Fishery Authority (NFA). The nersary was established as a part of MARSH Project of USAID and IUCN (Tahira).



Photo 12: Situation of the repair yard of UPNG. There was an boat engineer and contracted repair of a private outboard motor. A photograph is an engineer's son (Tahira).

Photo Library, June 2015



Photo 1: Kickoff meeting with Koiari LL. Mr. Alfred Kennedy making a explanation (Koiari LLG).



Photo 2: Mr. Mochizuki, observing the situation at the first visit to Sogeri Local Market (Koiari LLG).



Photo 3: Sogeri Local Market construction site (Koiari LLG).



Photo 4: Sogeri Market selling locally produced agricultural products such as bananas and peanuts (Koiari LLG).



Photo 5: Site visit to Varirata National Park (VNP).



Photo 6: Welcome party for JICA Expert Team (CEPA).

A-2 Detailed Plan of Operations (Final Version)

	Plan Actual	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures												
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV																	
-Support for endorsement of Bootless Bay as a marine protected area (National Marine Sanctuary)																																						-Submitted the proposal for the BBNMS declaration to the State Solicitors' Office for their legal clearance (Jun 2019) -Drafted Information Paper to MD and Minister for circulation in NEC (Sept 2019) -Incorporation of comments from State Solicitor on the NEC Policy Submission (Oct 2019) -Information Paper was signed by Minister (Nov 2019) -Prepared copy of Information Paper for NEC (Dec 2019) -Obtained letter for legal clearance for the NEC submission for BBNMS declaration from the State Solicitor office. Made official response to the office (Dec 2019) -Project member visited the State Solicitor Office to clarify the contents of their comment. (Jan. 23, 2020) -CEPA Director in charge (Ms.Kay) confirmed the documents. NEC Policy submission is ready for Minister's signing. (May 28, 2020) -All documents were delivered to the Minister through MD for signing (May 29, 2020) -MD directed the NEC submission to CEPA Director in charge (Mr.Mano). (June 17, 2020) -CEPA Director in charge (Ms.Yvonne on behalf of Ms. Kay) proposed to request the Minister to declare the BBNMS as an Interim Protection Zone based on Maritime Zone Act, 2015 (June 19, 2020) -Information paper for the NEC submission was changed (June 26, 2020) -Obtained again a final approval from MD, and the proposal was to be presented to the Minister(October 2020). -Confirmed the formal procedure for applying for a new protected area with CEPA, NFA, the state government, etc., and have continued to make adjustments to submit the proposal prepared on that basis. However, due to the political reform in November 2020, it became necessary to reset the schedule of the cabinet meeting to submit the proposal, and it became uncertain that the project would be completed by the end of the year 2020. As a result of discussions with CEPA, this activity will be taken over by the CEPA marine team and will be implemented after the project will be completed.				
- Identify and propose individuals to be Protected Area Working Group (PAWG).																														-Preparing draft ToR of PAWG	Draft ToR of PAWG	2019 Sep	-Drafted Terms of Reference for PAWG (Sep 2019) -Approved ToR for PAWG by PAWG members (Nov 2019)									
- Assist secretariat /CEPA for PAWG meeting, including preparation and sending invitation letter, preparation of agenda and presentation materials, booking venue, etc..																														-Preparing draft program and presentation materials	Draft program	2019 Dec	- Finalized protected area proposal (2019 Nov)									
- Identify and propose individuals to be Protected Area Management Committee (PAMC).																														Preparing draft ToR of PAMC	Draft ToR of PAMC	2019 Dec	- ToR of Bootless Bay National Marine Sanctuary Working Group(BBNMS-PAWG) was drafted (May 2, 2019) - Finalised draft Terms of Reference for BBNMS-PAMC (2019 Sep)									
- Assist secretariat /CEPA for PAMC meeting, including preparation and sending invitation letter, preparation of agenda and presentation materials, booking venue, etc..																														-Preparing draft program and presentation materials	Draft program	2020 Jan	- BBNMS PAAWG member list was endorsed by Ms. Kay and Mr. Bernard, CEPA (June 30, 2019) - BBNMS working group ToR was shared to BBMC member in 8th BBMC meeting (Sep. 2, 2019) - BBNMS working group ToR was approved by working group member (Nov. 14, 2019) - Report on establishing WG, public consultation and approval of BBNMS proposal was prepared (Nov. 18, 2019)									
- Assist to hold the preliminary PAMC meeting																														-Preparing draft Minutes of Meeting	-Finalized Minutes of Meeting	2020 Mar	- Kick-off meeting of BBNMS WG meeting was held. (Feb. 5, 2020)									
1.2 Provide support for operating the NCC.	Plan Actual																																									
1.2.1 Prepare and hold the 1st meeting, decide necessary internal procedures for the NPART (Interim-NCC).	Plan Actual																																									
- Discuss on agenda of the NPART (Interim-NCC) meeting with C/P of CEPA.																																		-Preparing draft agenda of 1st meeting of NPART	Draft agenda	2019 Dec	- Prepared draft program agenda for the 1st meeting of NPART (Dec.2019)					
- Assist secretariat /CEPA for the 1st NPART (Interim-NCC) meeting, including preparation and sending invitation letter, preparation of agenda and presentation materials, booking venue, etc..																																		-Preparing draft invitation letter	Draft invitation letter	2019 Dec	- Prepared draft invitation letter for the 1st meeting of NPART (Dec.2019)					
- Assist to hold the 1st NPART (Interim-NCC) meeting																																		-Preparing draft Minutes of Meeting	-Finalized Minutes of meeting	2020 Mar	- Invitation letter was finalized and sent to the participants of Interim NPART Preliminary Meeting (1st NPART meeting). (Jan 2020) - Interim NPART Preliminary Meeting (1st NPART meeting) was conducted on 7 Feb 2020 with 6 participants to kick off NPART activities. (Feb 2020) - Prepared minutes of the Interim NPART Preliminary Meeting which was conducted on 7 Feb 2020. (Mar 2020) - Draft TOR of NPART was revised based on the feedback and comments made at the 1st meeting. (Mar 2020)					
1.2.2 Coordinate and hold regular meetings of the NPART (Interim-NCC).	Plan Actual																																									
- Prepare regular meetings of NPART (Interim-NCC) including preparation and sending invitation letter, preparation of agenda and presentation materials, booking venue, etc.																																		-Preparing draft agenda of 2nd meeting of NPART -Preparing draft invitation letter	Draft agenda of 2nd NPART meeting	2020 Mar	- Prepared draft program agenda for the 2nd meeting of NPART (Mar 2020)					
- Assist to hold the 2nd NPART (Interim-NCC) meeting.																																		-Preparing draft Minutes of Meeting	-Finalized Minutes of meeting	2020 Mar	- Have coordinated and prepared the second NPART meeting, however after consultation with CEPA, in view of COVID-19 situation the NPART meeting will be conducted by the CEPA marine team after project completion(Nov 2020).					
1.2.3 Promote concept of MAB program as a means of landscape-level management.	Plan Actual																																									
- Prepare preliminary version of MAB application.																																		Preparing preliminary version of MAB application	Preliminary version of MAB application	2019 Dec	- Prepared draft MAB application (Dec. 2019) - Revised draft MAB application (Jan 2020) - Finalised MAB application (Mar 2020)					
- Propose MAB program as a mean of landscape-level management to be discussed by the NPART.																																						NPART meeting minutes		2020 March		

	Plan Actual	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures					
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV										
		6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5						6	7	8	9	10
-Install necessary facilities such as signboard, information center, toilet etc., and prepare necessary items such as guidebook																																2017 Jun	- As a part of the "revival plan", implementation plan for installation of distance pile along tracks was prepared (Jan. 28, 2016). - As a part of installing necessary facilities such as signboard, toilet, etc., installing distance piles and repaired of bridge has started. Labor carpenter was recruited/employed, and material was purchased. (Mar, 2016). - Renewal of 79 distance piles and one bridge, 23 sign boards have been finished (Apr, 2016). - 80 PVC piles and 153 wood piles for car stop pile were renewed or installed (Oct, 2016). - Wrap-up workshop to introduce the renewing activities at VNP was held by the Project Team (JET & CEPA) for the all stakeholders at Koiari LLG (Feb. 2017).	- Important and major renovation was finished. - Maintenance of renovated facilities is important. - Report of facility renovation including planning, implementation methodology, implemented amount/ places, etc. will be prepared (2017 Jun.) - Further renovation will be considered after implementation of information center complex development.	
-Preparation of explanation and map signboard of VNP (the Main Signboard of VNP)																																2016 Oct -Nov	- Big sized signboard (1440mm x 1200mm, 2 sides) and normal sized signboard (900mm x 750mm, 2 sides) were installed at main picnic area and main lookout in VNP (Nov 2016).	Maintenance work will be necessary.	
- Develop CEPA's capacity of supervising operation and monitoring of facilities.																																2019 Dec	- Manual for inspection on operation of facility updating operation was prepared and explained to CP (July 2016). - Explanation of how to update the facility database was prepared and explained to CPs (Aug, 2016). - OJT for facility database update which contributes to capacity development of CEPA for management of the Park has started. (Aug. 2016).	- Monitoring and updating the database of facility will be carried out continuously. - Capacity development by OJT to CEPA CPs will be carried out regularly.	
-Preparation of BW (Bird Watching) project signboard in VNP																																2016 Dec	- Detailed design of signboards were completed(Apr 2016). - BW Project signboard in VNP (900mm x 750mm, 1 side) was installed at main picnic area next to the Explanation big sized signboard (Nov, 2016). - BW Project signboard at PAU was prepared and installed by PAU/TPA with support of the CEPA-JICA Project (Dec, 2016).	Maintenance work will be necessary.	
-Preparation of Megapod explanation signboard in VNP																																2016 Nov	- Two A3 size signboards were installed at The Scarp Track and the Self Guide Track (Nov, 2016).	Maintenance work will be necessary. - They will be utilized for public relation and environment education activities.	
2.4.2 Develop information provision facilities such as guide map.	Plan Actual																																		
-Preparation of VNP Guide Map																																2017 Dec	- Design of the guide map was prepared (Aug-Sep, 2016). - The guide map (with printing new entrance fee) was printed, and waiting for the disclosing of the new entrance fee system (Sep-Dec, 2016). - The guide map (without fee) was prepared and printed to be used until the new fee system will be set (Jan 2017).	- The guide map (with new fee system) will be distributed to visitors at tall gate of VNP after the fee system will be authorized.	
2.4.3 Develop/ improve the Information Center (IC) and surrounding area (IC Complex) in VNP.	Plan Actual																																		
- Preliminary study for Installation of the Information Center																																2017 Jan.	- Outline survey of the old Information center (IC) and surrounding area was carried out (Aug, 2016). - Based on the survey above, plan of operation for basic survey of IC establishing was prepared (Aug, 2016). - Ground survey of the old IC and surrounding area (Oct-Nov, 2016). - Soil Bearing capacity test within the old IC and surrounding area was carried out (Oct-Nov, 2016). - Basic information collection of Installation of power line to the IC was carried out (Oct-Dec, 2016).	- Based on this study, the new IC construction and IC complex development will be started.	
-Preparation of Master Plan of IC complex development																																2017 Feb	- Clarification of required functions, layout of IC complex for the new and old IC (Dec 2016). Following points were considered based on the previous studies, assessments, and the master plan was prepared. - Identification of the expected functions for the new IC and old IC - Feasibility assessment on re-use of the old IC building - Identification of the necessary facilities in the complex - Out line of the facilities in the complex - Master plan ver.1 was prepared (Feb 2017). - Master plan ver.3 was prepared (Jun 2017)	- Detail plan, detail design will be prepared based on the master plan. - Complex will be developed and improved based on the detailed design. - Master plan will be revised if any change will be found.	
-Preparation of detail plan and detailed design of the IC complex development																																2018 Mar	- Draft plan of renovating parking area - Draft designs for renovation of old Information Centre - Draft designs for renovation of plat form between old and new Information Centre - Set of final drawing (wood deck, Stair, Handrail & Ramp)	- Detailed plan of renovating parking area - Detailed designs for renovation of old Information Centre - Set of final drawing (wood deck, Stair, Handrail & Ramp) were completed (Mar 2018).	- Detailed plan of renovating parking area completed (May 2017). - Detailed designs for renovation of old Information Centre completed (Jun 2017). - Detailed designs for renovation of plat form between old and new Information Centre completed (Jun 2017). - Set of final drawing (wood deck, Stair, Handrail & Ramp) were completed (Mar 2018). - Check the conditions of the complex area - Check the conditions of the existing facilities - Discuss with some of candidates of
-Implementation of IC complex development																																2018 Sep	-<for parking area> - Tree cutting in car park area (30th May, 2017). - Installation of new car stop piles (8th July, 2017) - Levelling of old car park (8th July, 2017). - Construction of Drainage of car park (25th, July 2017). - Construction of bridge across drainage (25th, July 2017). - Completion report of car park area was made (16th Aug, 2017). -<Old IC renovation and wood deck by JET> - Materials for Old IC renovation was purchased (Aug 2017). - The renovation of roof and exterior wall for old information center was started (Aug 2017). -<Old IC renovation and wood deck by contractor (Rhodes Ltd.)> - Contract for "installation of timber decking and associated works" was signed with Rhodes Ltd (July 2018). - After the site inspections, the 1st and 2nd payments were made (July, August 2018). - Site inspection for the final payment was carried out, and several defects were found and reported (Sep 2018). - After monitoring the work of the contractor to repair the defects, final inspection was carried out (Oct 2018). - Works were completed and a certificate of completion was issued (Nov, 2018). - Defects on handrail and electric cable were observed and defect report and letter were prepared and sent to Rhodes Ltd. (Dec. 2018).		
-Preparation of interior design for new information center																																2018 Oct	- Interior design for new information center was drafted (Aug 2018). - Interior design for the new IC was finalized (Sep, 2018). -<Interior works – environmental education materials> - Plan on the equipment for ICC was drafted (Mar, 2018). - The works for interior design for new information center was started in Japan (June 2018). - Interior design for new information center was completed in Japan (Aug 2018). - Interior design for the new IC was finalized and data brought into PNG (Sep. 2018). - Wall paper was printed (Oct 2018). - Wall paper was installed in the new IC and completed interior works (Oct 2018).		

	Plan Actual	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV													
- Handover of ICC with MOU from JICA PNG Office to CEPA																														- Signing of MOU by JICA PNG Office and CEPA both	- MOU for the handover of ICC	2018 Dec	- MoU - MOU was drafted with JICA's comments and shared with CEPA for their internal consultation. (Nov. 2018)	
2.4.4 Construct new Information Center (IC) in VNP.	Plan Actual																																	
- Bidding for the New Information Center																														- Tender documents (with JICA Approval) - Report of tender results - All Contract Documents completed (i.e., Contract agreement, Overall schedule, Contract Signed)	- Contract for the Construction of New Information Center in VNP	2017 June	- Bid documents preparation completed (including many preparatory researches)(May 2017). - confirmation of possibility of Bank Guarantee by the contractor, - consideration of how to secure the contract (performance security and defect reliable security) - confirmation of necessity, procedure, period to obtain building permit - electricity leading work - pre-cost estimation collection - methodology for inspection after defect reliability period - confirmation of qualification of bidders (recent sales and revenue) - Revise the whole new IC contraction schedule - Contracting process finished, and construction work started (17 July 2017).	Follows will be carried out - Bid documents preparation - Obtain JICA approval for bid documents - Distribution of bid documents - Preparation of bid documents by bidder - Bidding & Opening - Bid evaluation - Obtain JICA approval for contract - Contract award (Advance payment)
- Design preparation for the New Information Center																														- Drawings (Floor plan, location plan, Structure Plan) Specification	- Detail design and shop drawings - Building permit	2017 July	All detail drawings were submitted by the Contractor (Nov 2017). - The detail drawings were reviewed by JET (Nov 2017). - The contractor is on-going to revise the drawings. (Nov 2017).	Follows will be carried out - Supervision of preparation of detail design, shop drawings by the contractor - Supervision of obtaining of the building permit by the contractor
- Construction and supervision of the Construction of the New Information center																														- Inspection report (1) - Inspection report (2) - Final inspection report - Inspection report after 1 year from construction completion	- Information center architectural set - As-build drawings - Report of construction - Report of supervision - Contract closeout documents	2018 May	- Contract for the construction of new Information Center was signed by JICA PNG Office on 17 July 2017. - The foundation work and inspection at the site were finished. (Nov 2017) - Required documents were submitted by the contractor but JET requested to revise some wrong parts and to add some necessary documents or data sheets. (Nov 2017) - The work was expected to be completed in March 2018, however due to several reasons such as delay in acquiring construction permit and procurement process of materials, it was postponed to be by May 2018. - The construction work has been completed by the contractor (May 2018).	Supervision for the following works will be carried out - Material procurement - Foundation work - Inspection (1) - Timber framing work - Inspection (2) - Interior/ exterior finish/ equipment - Power supply - Final Inspection - Take Over - Inspection after one year
2.5 Conduct necessary assessments to prepare Park Management Plan for progress stage.	Plan Actual																																	
2.5.1 Conduct necessary assessments for progress stage.	Plan Actual																																	
- Interim Assessment of the park management of VNP																														- Interim assessment of park management	- Revised METT sheet	2017 Jul	- Draft METT sheet as a basic diagnosis on the current status of VNP was prepared (July 2017).	Based on revised METT, management plans on the progress stage should be prepared.
- Assessment of the results of "Revival Stage"																																		
2.5.2 Conduct biodiversity survey.	Plan Actual																																	
- Prepare for biodiversity survey																														- TOR to grasp biodiversity (Fauna and Flora) of VNP	- ToR for biodiversity surveys(Fauna and Flora)	2017 Mar	- Draft TOR for biodiversity survey in VNP was prepared. (Sep 2015) - Collected information on potential surveyors in PNG. - Two meetings with Dr.Allison from Bishop Museum in Hawaii as the strongest candidate to be a sub contractor for biodiversity survey were held. (Sep 2015) - After series of email exchange, one follow-up meeting was held at CEOA. (10 Dec 2015) - For biodiversity survey, after series of email exchange and internal discussions, it was assumed to be appropriate, to divide the ToR into two for distinct tasks (6 Feb 2016).	- Contents of TOR should be prepared - Contract procedure should be proceeded.
- Selection of the sub-contractor of biodiversity																														- Evaluation Sheet (Janu. 2017) - Contract document (Feb. 2017)	- Contract document	2016 Sep	- Three candidates of sub-contractor were invited. Two candidates submitted technical proposal and cost estimation (Sep 2016). - Result of evaluation of proposals, the Indo-Pacific Conservation Alliance was selected (Oct 2016).	- Contract procedure should be proceeded. The survey will be commenced in January, 2017.
- Conduct biodiversity survey(Fauna and Flora)																														- Inception reports (Feb. 2017) - Interim reports (30th June, 2017) - Draft Final Report (Nov 2017) - Formal clarification on the approval status of IPCA reports - Comment Response Sheet on IPCA Final Report - Comment Response Sheet on Invasive Species Management Plan - Plan of Biodiversity Seminar	- Final Report	2018 May	- Inception reports (Fauna and Flora) were submitted, verified and made the first payment (Feb 2017). - Interim Report (set of documents)(Fauna and Flora) was submitted, verified and made the second payment (Jul 2017). - Draft Final Report (set of documents)(Fauna and Flora) was submitted, verified and made comments (Nov 2017). - Official approval has been granted to the Inception Reports, Interim Reports and Draft Final Reports. (Mar. 2018) - Comments on the Invasive Species Management Plan have been submitted to IPCA. (Mar. 2018) - Plan of Biodiversity Seminar was drafted, set on 5/July tentatively (Mar. 2018) - Final report was submitted (May 2018). - Biodiversity Seminar is planned on 17/Oct, co-hosted with Exxon Mobil (Sep. 2018) - Field Guide Brochures for VNP were submitted and ready for printing. (Sep. 2018) - 200 sets of Field Guide Brochures for VNP were printed and distributed at the Seminar. (Oct. 2018) - Final Reports (Fauna & Flora both), Invasive Species Management Plan, Environmental Monitoring Plan, and Executive Summary Report were submitted, and official approval was granted. (Oct. 2018) - Biodiversity Seminar was conducted from 16th to 19th October, including Study Tour to ICC at VNP, and more than 130 participants were confirmed. (Oct. 2018) - A brief report of the Biodiversity Seminar was submitted, and a Seminar Proceedings have been under preparation by another co-organizer. (Nov. 2018) - A full report of the Biodiversity Seminar was submitted. (Dec. 2018)	- Manage the progress of field surveys - Remaining reports are supposed to be submitted on 14/Sep/2018.
2.6 Prepare Park Management Plan for progress stage.	Plan Actual																																	
2.6.1 Prepare park management plan(progress stage).	Plan Actual																																	
- Prepare TOC of the management plan of VNP.																																		
- Preparation of Conservation Plan																														- Draft Conservation Plan	- Conservation Plan finalized and shared	2018 Jun	- Draft Conservation Plan was prepared for discussion. (Feb. 2019)	
- Preparation of Development and Utilization plan																														- Draft Development Plan.	- Utilization Plan finalized and shared	2018 Jun	- Draft Development Plan was prepared for discussion. (Feb. 2019)	

	Plan Actual	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV													
- Preparation of Logistic Support Plan																														- Draft Logistic Support Plan.	Logistic Support Plan finalized and shared	2018 Jun	- Parts of "Financial Management", "Human Resources" and "Security" have been drafted. (Mar. 2018) - Draft Logistic Support Plan was prepared for discussion. (Dec. 2018)	
2.6.2 Implement key activities as per the plan.	Plan Actual																																	
(A) Implementation of Conservation Plan																																		
- Monitoring using camera traps																																2019 Dec	- Animals taken by camera trap from January 2019 to June 2019 were listed (Jul. 2019). - Camera trap monitoring report from January 2019 to June 2019 was drafted (Jul. 2019). - Camera trap monitoring report from January 2019 to June 2019 was finalized (Aug. 2019).	
(B) Implementation of Development and Utilization plan																																		
- Use of information center complex																																2020 Jun	- Initial idea of utilization of ICC was summarized (Apr. 2019). - First draft of package tour was developed based on discussion with CEPA (Jun. 2019). - First trial tour was conducted by CEPA and Kae Association (Nov. 2019). - Draft itinerary for second trial tour was prepared (Feb. 2020). - Second trial tour was conducted by CEPA and Kae Association (Jun. 2020).	
- Livelihood Improvement Activities (Activity 2-8)																																2019 Dec	- IPA registration documents (Form 2) for community group for park management were submitted (Jan 2019). - Bank account for Kae Association was opened (Oct. 2019).	
- Creation of information transmission media																																2020 Jun	- VNP promotion video is being prepared with PNGTPA. (Dec 2019) - VNP promotion video was prepared in collaboration with PNGTPA (Jun. 2020).	
- Implementation of bird watching project																														- Plan of pilot BW tour	- Report of BW project	2020 Oct	- Program of tourism training for Kae Association was discussed (Jun 2019). - Program of tourism training for Kae Association was finalized (Sep 2019). - First trial tour was conducted by CEPA and Kae Association (Nov. 2019). - Previously installed bird watching shelter at PAU was extended by cooperation of TPA and PAU (May. 2020). - Opening and official handover event of PAU Bird Watching Shelter was done (Sep. 2020). - Report of Achievements of Bird Watching Project was developed (Oct. 2020).	
- Monitoring with camera trap																																2020 Sep	- Camera trap monitoring report from January 2019 to June 2019 was drafted (Jul. 2019). - Camera trap monitoring report from January 2019 to June 2019 was finalized (Aug. 2019). - A camera trap was installed at near tree house (Nov. 2019). - A camera trap monitoring report from July to December 2019 was finalized (Apr. 2020).	
(C) Implementation of Logistic Support Plan																																		
- Admission fee and other income management																																2020 Dec	- Ticket form for admission fee was made (Jan 2019). - Park staffs has started collecting admission fee at the park gate (Mar 2019). - A invoice and receipt forms were made (Apr 2019). - Collected amount of admission fee from March to June was summarized to excel sheets (Jul 2019). - Collected amount of admission fee from July was summarized to excel sheets (Sep 2019). - Collected amount of admission fee from August to September was summarized to excel sheets (Nov. 2019). - Collected amount of admission fee from October to November was summarized to excel sheets (Nov. 2019). - Collected amount of admission fee for December 2019 was summarized to excel sheets (Feb. 2020). - Collected amount of admission fee from January to March 2020 was summarized to excel sheets (May. 2020). - Collected amount of admission fee from April to June 2020 was summarized to excel sheets (Jul. 2020). - Collected amount of admission fee from July to August 2020 was summarized to excel sheets (Nov. 2020). - Collected amount of admission fee from September to November 2020 was summarized to excel sheets (Dec. 2020).	
- Improvement of financial management																																2019 Dec	- Bookkeeping manual for park coordinator was prepared (Jan 2019). - Materials for 1st book-keeping training for park coordinator and park rangers were prepared (Mar 2019). - First book-keeping training for park coordinator and park rangers was carried out (Mar 2019). - A report for first book-keeping training for park staffs was made (Apr 2019). - Forms for reporting CEPA finance were prepared (Apr 2019).	
- Security improvement																																2019 Dec	- Two camera traps were installed at the park gate to tighten security (Aug 2019).	
- Institutional strengthening of the park management committee																																2020 Sep	- VNP management structure was drafted (Jan 2019). - ToR of Management Committee was drafted (Mar 2019). - First meeting of park management committee was held (Aug 2019). - Second meeting of park management committee was held (Oct. 2019). - Third meeting of park management committee was held (Feb. 2020). - Fourth meeting of park management committee was held (Jun. 2020).	
- Monitor on usage of park facilities using camera traps																																2020 Sep	- Number of cars came VNP was analyzed based on camera trap data (Jul. 2019). - Camera trap monitoring report from January 2019 to June 2019 was drafted (Jul. 2019). - Camera trap monitoring report from January 2019 to June 2019 was finalized (Aug. 2019). - A camera trap monitoring report from July to December 2019 was finalized (Apr. 2020).	
2.7 Integration of Development Planning: Enhance regional/landscape-level development planning with emphasis on biodiversity conservation by integrating different level government development planning.	Plan Actual																																	
2.7.1 By assessing existing development plans, and by holding various	Plan																																	

Activities	Plan Actual	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures					
		6	7	8	9	10	11	12	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV											
		6	7	8	9	10	11	12	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV											
needs and expectations of local people for livelihood development	Actual																													<ul style="list-style-type: none"> - 2 meetings were held with Deputy Provincial Administrator (Edward Kila) and his staff. - 2 meetings were held with Koari LLG Manager and his staff. - Key players in central provincial administration, Hiri district administration and Koari LLG were identified. [Koari Kick-off Workshop] - The workshop was held on Oct. 22 with key partners, Provincial govt., Koari LLG office, related wards (councillors, associations, landowners), TPA and PAU. - Report of the Koari Kickoff Workshop was prepared and submitted to JICA, distributed to all stakeholders. [Follow-up Workshop for Koari] - The workshop was held on Nov. 24, 2015. There were about 30 participants including Koari LLG office, TPA and three clans in the Buffer zone of VNP. In this workshop, outline of bird watching project was explained and discussed on how local people join tourism development in VNP. - Report of the follow-up workshop was prepared and submitted to JICA, distributed to all stakeholders. [Workshop on Livelihood Development] - The workshop was held on Feb 25th, 2016. This workshop focused on local communities within the buffer of the Varirata National Park, which includes 3 clan groups. In this workshop, contents of livelihood development was discussed based on memo of proposed frame of livelihood development made by JICA project team. 	Need to clarify partnership and coordination contents with all levels of government.				
2.8.4 Identify target populations for livelihood development activities.	Plan Actual																													Target populations identified in each community		2016 Jun	Target clans were identified based on several meeting with CEPA, Koari LLG		
2.8.5 Prepare livelihood development plans for respective livelihood development activities.	Plan Actual																																		
Extract needs from relevant stakeholders for cultural/ecological exposure tour	Actual																													Meeting minutes for discussion with relevant stakeholders		2016 Sep	<ul style="list-style-type: none"> - A meeting was held with Mr. Nathan Lati (TPA), Mr. Leo Mark (Central Provincial Administration), Mr. Inari (Sirinum Eco-tourism Cooperative) on March 1, 2016. - A meeting was held with Mr. Daniel Wakra who is tour operator (New Guinea Natural Tours) on March 8, 2016. - A meeting was held with Ms. Mikata who is tour operator (PNG JAPAN) on March 11, 2016. - A meeting was held with Mr. Nathan Lati of TPA officer (2016/9/14). - A meeting was held with Mr. Kamioka who is tour operator (PNG JAPAN) (2016/9/27). - A meeting was held with Mr. Paul Liss who is tour operator (PNG Wildest Adventure) (2016/11/29). 		
Identify potential resource assessment of cultural/ecological exposure tour	Actual																													Tourism resource note around Koari area		2016 Sep	<ul style="list-style-type: none"> - A meeting was held with Koari manager (Mr. Alfred) and discussed how to collect tourism resource information in Koari LLG (Mar 2, 2016). - Tourism resource assessment was conducted and made 12 assessment note of potential tourism resource (September 2016) 		
Form social group for livelihood development activities	Actual																													Social group for livelihood activities Member list of social group		2017 Mar	<ul style="list-style-type: none"> - A meeting was held with Leaders of four land owning clans and ward councillors. They discussed how to form social groups to develop a packaged tour (Nov 30, 2016). - A meeting was held with Mr. Alfred for collecting member list of social group (Dec. 5, 2016). - The member lists of three social groups were collected from 4 clan leaders (Mar 6, 2017). - First social group meeting for traditional dance was held (Mar 13, 2017) 		
Deliberation of contents of development of Eco tour program and making draft livelihood development plans	Actual																													Meeting minutes for discussion with social group	Draft proposed frame of livelihood development Draft livelihood development plan		2017 Sep	<ul style="list-style-type: none"> - By analyzing discussion of follow-up workshop, memo of proposed frame of livelihood development was made (Dec 10, 2015). - Two draft packaged tour were made by discussing with Koari LLG (Sep 30, 2016) - Draft activity plan of traditional dance group was made by discussing with social group member (Mar, 2017). - Activity plan of traditional cooking group was discussed with social group member (Mar, 2017). - A meeting was held with member of cultural item group for discussing their activity plan (June 7, 2017). 	
Consultation and introduction of livelihood development plan to relevant player including community people	Actual																													Livelihood Development Plan(s)		2018 Aug	<ul style="list-style-type: none"> - Draft activity plan of traditional dance group was introduced to Mr. Alfred (Koari Manager) (Mar, 2017). - Tourism part of livelihood development plan was drafted and discussed with CEPA (June 2017). - Option of participation in the management of VNP was discussed with CEPA (June 2017). - Second draft of livelihood development plan was made and discussed with CEPA and Koari LLG (August 2017). - Livelihood development plan was finalized and shared with relevant player (Aug 2018). 		
2.8.6 Conduct actions in accordance with the livelihood development plans.	Plan Actual																																		
Selection of core member and decide role and responsibility each member of the ILG or community-based group	Actual																													Memo of role and responsibility of Koari group	Application form for registration to IPA		2019 Jan	<ul style="list-style-type: none"> - Memo of role and responsibility of livelihood development groups in the ILG framework was drafted (August 2017). - The idea of livelihood development groups was discussed with 4 clan leaders, Koari LLG and CEPA (August 2017). - Based on results of social mapping and socio economic survey, formation of livelihood development group was discussed with CEPA (February, 2018). - Core members of livelihood development group were selected by 4 clan (Aug 2018). - Draft IPA registration documents for livelihood development group was prepared (Aug 2018). - Association of Koari had a first formal meeting to discuss IPA registration (Sep 2018). - IPA registration documents for association were submitted to IPA (Sep 2018). - Association of Koari posted news article regarding notice of intention to apply for IPA (Nov 2018). - Final IPA registration documents (Form 2) for the association were submitted to IPA (Jan 2019). - Certificate of IPA registration for the association was issued by IPA (Mar 2019). 	

	Plan Actual	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures								
		6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5						6	7	8	9	10	11	12	
		III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II						III	IV						
Provide guidance for setting up financial management of the group																																		Bank account for Kolari group	Report of book-keeping training	2019 Dec	Necessary documents such as meeting minutes for opening bank account were prepared (Sep. 2018). Financial forms and bookkeeping manual for Kae association were prepared (Jan 2019). Materials for 1st book-keeping training were prepared (Mar 2019). First book-keeping training for Kae association was carried out (Mar 2019). A report for first book-keeping training was made (Apr 2019). Bank account for Kae Association was opened (Oct. 2019).	
Conduct a study/exposure tour for improving their performance and management ability																																		Memo of implementation plan for Study/Exposure tour	Report of results of Study/Exposure tour	2019 Apr	- Discuss the contents and place for study/exposure tour with TPA officer (Nov 2017). - Memo of outline for study/exposure tour was made in April (Apr. 2018). - A meeting was held with a tour operator to discuss itinerary of a study/exposure tour (Sep 2018). - Information of candidate site for study/exposure tour was collected (Jan 2019). - A itinerary for study/exposure tour was drafted (Mar 2019). - Study/exposure tour was held with 20 participants from Kae association (Apr 2019).	
Conduct hands-on trainings for improving service of livelihood development activities																																		Report of Hands-on training - Report on Kolari Traditional Dancing Group Audition - Dancing and Cooking Group's Rehearsal Report	2018 Aug	【Traditional dance group】 - Audition was conducted for checking dancing skill of group member (Mar 2017). - Costume for dance performance was prepared by group member (Apr and May 2017). - Dance training was conducted by group member for inaugural launching at VNP (Apr 2017). 【Arts and crafts group】 - Arts and crafts group was formed and collected information of cultural item in Kolari area (June & July 2017). - Internal group discussion was held, and the group decided to be integrated in to the dance and cooking groups (Aug 2017).		
Supervise, coordinate and advice for conducting livelihood development activities																																		- Report for Inaugural Launch for the Renovated Facilities in Varirala National Park - World Environmental Day Event Report - Report of ranger workshop	2020 Nov	【Traditional dance group】 - Dance group performed their dancing at the total of two events (Apr and June 2017). - Dance group performed their dancing at the total of two events (Oct and Nov 2018). - Dance group performed their dancing at the ICC opening and World Environmental Day event (Mar and June 2019). - Dance group performed their dancing at the second trial tour (Jun. 2020). - Dance group performed their dancing at the final seminar (Nov. 2020). 【Traditional cooking group】 - Cooking group provided lunch boxes at the total of two events (Apr and June 2017). - Cooking group provided lunch at the ranger workshop held by UNDP (Nov 2018). - Cooking group provided lunch at the ICC opening (Mar 2019). - Cooking group provided lunch at the first trial tour (Nov. 2019). - Cooking group provided lunch at the second trial tour (Jun. 2020). 【Arts and crafts group】 - Arts and crafts group provided local hats and a miniature model of tree house at World Environmental Day (June 2019).		
Conduct a familiarization tour for introducing Kolari group to tour operators and the public.																																		Memo of implementation plan for FAM tour	Report of results of FAM tour	2020 Jun	- Memo of outline for FAM tour was made in April (Apr. 2018). - First draft of packaged tour was developed based on discussion with CEPA (Jun. 2019). - Each role of packaged tour was clarified with CEPA and Kae Association (Sep. 2019). - First trial tour was conducted by CEPA and Kae Association (Nov. 2019). - A report for first trial tour was made (Dec. 2019). - Draft itinerary of second trial tour was prepared (Feb. 2020). - Second trial tour was conducted by CEPA and Kae Association on 20 June 2020.(Jun. 2020).	
Hold workshops or meetings for evaluating and wrapping up livelihood development activities of the project																																		Implementation Monitoring Report	2020 Nov	- Implementation monitoring report for livelihood development activities from August 2018 to January 2019 was made (Feb. 2019). - Implementation monitoring report for livelihood development activities from February to July 2019 was made (Aug. 2019). - Implementation monitoring report for livelihood development activities from August 2019 to March 2020 was made (Mar. 2020). - Evaluation workshop for Kae Association was held (Mar. 2020). - Presentation materials including action plan for Kae Association was developed for final seminar, and it was presented at the seminar the 18th Dec 2020 (Nov. 2020).		

Plan	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures
	Actual	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III					
- Set up working group between CEPA and UPNG to establish MPA by conservation easement under BBMCI																									- Meeting memos - Work plan	Draft of conservation easement	2019 June	<ul style="list-style-type: none"> - 1st UPNG-CEPA working group meeting for MoU, work plan and signboard was held and the report was prepared. (May 1, 2017) - 2nd UPNG-CEPA WG meeting for MoU was held and the report was prepared (Jun 28, 2017) - 3rd UPNG-CEPA WG meeting for MoU and work plan was held and the report was prepared. (Jul 5, 2017) - Workplan between UPNG and CEPA was finalized (Jul 7, 2017) - 4th UPNG-CEPA WG meeting for signboard design and sites to set up signboards was held and the report was prepared (Jul 11, 2017) - 5th UPNG-CEPA WG meeting for boundary of UPNG lands was held and the report was prepared (Jul 26, 2017) - 6th UPNG-CEPA WG meeting for marine biodiversity survey was held and the report was prepared (Aug 31, 2017) - 7th UPNG-CEPA WG meeting for conservation Bootless Bay was held and the report was prepared (Oct 9, 2017) - 8th UPNG-CEPA WG meeting for marine biodiversity survey was held and the report was prepared (Oct 16, 2017) - 9th UPNG-CEPA WG meeting for marine biodiversity survey was held and the report was prepared (Nov 21, 2017) - 10th UPNG-CEPA WG meeting for contract of marine biodiversity survey was held and the report was prepared (Jan 15, 2018) - 11th UPNG-CEPA WG meeting for sharing information on research in Bootless Bay by master student was held and the report was prepared (Jan 16, 2018) - 12th UPNG-CEPA WG meeting for progress of field survey was held and the report was prepared (Jan 22, 2018) - 13th UPNG-CEPA WG meeting for zoning was held and the report was prepared (Mar 16, 2018) - 14th UPNG-CEPA WG meeting for zoning and PPA was held and the report was prepared (Aug 8, 2018) - 15th UPNG-CEPA WG meeting for type of PA, criteria of PA, class of PA was held and the report was prepared (Aug 8, 2018) - Conservation easement for Motupore Island and Tahira UPNG land was drafted (May 12, 2019) - Submitted a letter for the State Publish Solicitor to have comments on the conservation easements for CEPA (May 15, 2019) - 16th UPNG-CEPA meeting for conservation easement feedback and amendment of MoU. (Jul 18, 2019) - 17th UPNG-CEPA meeting for marine facility and amendment of MoU (Dec. 16, 2019) - 18th UPNG-CEPA meeting for marine facility and amendment of MoU (Jan 31, 2020) - Received clearance from State Solicitor (June 11, 2020) - After consultation with CEPA the coordination with UPNG on the conservation easement and amendment of MoU will be taken over by the CEPA marine team (Nov 2020). 	
- Set up working group between CEPA and Central Papua Conference to establish MPA by conservation easement under BBMCI																									- Meeting memos - Work plan	Conservation easement	2019 June	<ul style="list-style-type: none"> - CPC-CEPA work plan was drafted. (Feb. 26, 2018) - 1st CPC-CEPA working group meeting for establishing workplan was held and the report was prepared. (Aug 24, 2018) - CPC-CEPA work plan was finalized. (Aug 24, 2018) - 2nd CPC-CEPA WG meeting was held and the report was prepared Oct 31, 2018) - 3rd CPC-CEPA WG meeting for zoning was held and the report was prepared. (Dec 10, 2018) - 4th CPC-CEPA WG meeting for conservation easement was held and the report was prepared (Apr 2, 2019) - 5th CPC-CEPA WG meeting for conservation easement and NEC submission of Bootless Bay National Marine Sanctuary was held and the report was prepared (May 9, 2019) - Conservation easement for Bautama CPC land was drafted (May 10, 2019) - 6th CPC-CEPA WG meeting for conservation easement and zoning and conservation easement was held and the report was prepared (May 9, 2019) - A letter for the State Solicitor to have comments on the conservation easements for CEPA was submitted (May 15, 2019) - Received clearance from State Solicitor to progress conservation easement with partner organizations. (June 11, 2020) - Formalized the agreement on Conservation Easement between CEPA and CPC in Aug 2020. 	
- Set up working group between CEPA and Tahira Farm to establish MPA by conservation easement under BBMCI																									- Meeting memos - Work plan	Draft of conservation easement	2019 June	<ul style="list-style-type: none"> - Work plan between Tahira Farm and CEPA was prepared (Dec 4, 2017) - 1st Tahira Farm-CEPA working group meeting for MoU and work plan was held and the report was prepared. (Dec 4, 2017) - 2nd Tahira Farm-CEPA WG meeting for MoU and work plan was held and the report was prepared (Jan 14, 2018) - 3rd Tahira Farm-CEPA WG meeting for MoU and work plan was held and the report was prepared. (Jan. 15, 2019) - Workplan of MoU between Tahira Farm and CEPA was agreed (Jan. 25, 2018) - Joint Site Observation in Tahira Farm was carried out (Feb. 25, 2018) - 4th Tahira Farm-CEPA WG meeting for zoning was held and the report was prepared (Apr 23, 2018) - 5th Tahira Farm-CEPA working group meeting for zoning was held and the report was prepared. (Nov 2, 2018) - 6th Tahira Farm-CEPA WG meeting for PA class & PA criteria was held and the report was prepared (Dec 4, 2018) - Drafted Conservation easement for Tahira Farm (May 8, 2019) - Assessment of elaboration of deed and easement was prepared (Jan. 13, 2019) - 7th Tahira Farm-CEPA WG meeting for zoning & conservation easement was held and the report was prepared. (Feb 1, 2019) - A letter for Minister of Land Department for leased land by Tahira Farm was drafted (Mar 5, 2019) - Conservation easement for Tahira Farm was drafted (May 8, 2019) - 8th Tahira Farm-CEPA WG meeting for conservation easement was held and the 	

	Plan Actual	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures
		6	7-8-9	10-11-12		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV					
		1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12					
- Organize public consultation meeting																											2019 Feb.	The program for public consultation meeting was prepared (Sep. 1, 2019) The public consultation meeting program as 3rd BBMCI workshop was revised (Nov. 6, 2019)		
- Receive public comments and give feedback																										2019 Feb.	- Public consultation meeting on the PA proposal was held (Nov. 15, 2019) Public comments were reflected to PA proposal (Nov. 22, 2019)			
3.3.4 Finalize the proposal for MPA establishment.	Plan Actual																													
- Finalize the proposal based on the results of public consultation																										2019 Mar.	- Finalized proposal - Protected Area Proposal for Bootless Bay National Marine Sanctuary was finalized. (Nov. 22, 2019)			
3.4 Consult with Regional Protected Area Round Table (RPART) /National Protected Area Round Table (NPART) and local/national governments to be endorsed with the official procedure for gazettement the new PA.	Plan Actual																													
3.4.1 Identify and organise endorsement body for new MPA proposal.	Plan Actual																										2020 Feb.			
- Establishing interim endorsement body which are consisted of prospective National Protected Area Round Table (NPART) members.																											2017 Sep	- Letter of "express of interest" - Letter of acceptance by MD, CEPA - BBMCI formulation report - BBMCI by-law - 1st BBMCI formulation report	BBMCI working arrangement was prepared (Nov. 15, 2016). Letter "express of interest" was drafted (Nov. 15, 2016). Letter of "EoI" from 15 parties were received (Mar. 30, 2017). First BBMCI formulation report was prepared. (Mar. 31, 2017) By-law of BBMCI was drafted. (Apr. 7, 2017) Acceptance letters were sent to 15 parties of BBMCI (Apr. 12, 2017)	
- Establishing National Protected Area Round Table (NPART) (Please see Output 1, 1.1.3)																														
3.4.2 Assist NPART or interim endorsement body for assessing the proposal.	Plan Actual																													
Consult with state solicitors office and land department for endorsement of conservation easement in target private land.																											2019 Jun.	- A letter for Minister of Land Department for leased land by Tahira Farm was drafted (Mar 5, 2019) - A letter for the State Solicitor to have comments on the conservation easements for CEPA was submitted (May 15, 2019) - A letter for Land Department was submitted (May 16, 2019) - Submitted the proposal for to the State Solicitors' Office for their legal clearance (Jun 2019) - A letter with advice from Land Department was sent to MD (Jul 9, 2019) - State solicitor recommended to visit Department of Land and Physical Planning (Jan. 23, 2020) - Department of Land and Physical Planning approved signing of conservation easement. (Jan. 28, 2020) - Received clearance from State Solicitor (June 11, 2020)	Letter from State Solicitor office	
Support for endorsement of Bootless Bay as a marine protected area (National Marine Sanctuary) (Please see Output 1, 1.1.5)																											2019 Nov.	- Drafted Policy Submission for National Executive Council (NEC) submission on Bootless Bay National Marine Sanctuary (May 2019) - Submitted the proposal for the BBNMS declaration to the State Solicitors' Office for their legal clearance (Jun 2019) - Drafted Information Paper to MD and Minister for circulation in NEC (Sept 2019) - Incorporation of comments from State Solicitor on the NEC Policy Submission. (Oct 2019) - Information Paper was signed by Minister (Nov 2019) - Prepared copy of Information Paper for NEC (Dec 2019) - Obtained letter for legal clearance for the NEC submission for BBNMS declaration from the State Solicitor office. Made official response to the office (Dec 2019) - Project member visited the State Solicitor Office to clarify the contents of their comment. (Jan. 23, 2020) - CEPA/JICA project completed and submitted documents to Kay for final confirmation. (May 19, 2020) - Kay confirmed the documents. NEC Policy submission is ready for Minister's signing. (May 28, 2020) - All documents were delivered to the Minister through MD for signing (May 29, 2020) - MD directed the NEC submission to Maino (June 17, 2020) - Yvonne proposed to request the Minister to declare the BBNMS as an Interim Protection Zone based on Maritime Zone Act, 2015 (June 19, 2020) - Information paper for the NEC submission was changed (June 26, 2020) - Obtained again a final approval from MD, and the proposal was to be presented to the Minister (October 2020). - Confirmed the formal procedure for applying for a new protected area with CEPA, NFA, the state government, etc., and have continued to make adjustments to submit the proposal prepared on that basis. However, due to the political reform in November 2020, it became necessary to reset the schedule of the cabinet meeting to submit the proposal, and it became uncertain that the project would be completed by the end of the year 2020. As a result of discussions with CEPA, this activity will be taken over by the CEPA marine team and will be implemented after the project will be completed (Nov 2020).	- Finalizing Policy Submission Paper for CEPA to submit NEC - Finalized and submitted Policy Paper	
3.5 Prepare the management plan for the new PA.	Plan Actual																													
3.5.1 Establish Protected Area Management Committee (PAMC).	Plan Actual																											#NAME?		

	Plan Actual	2015				2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures											
		6	7	8	9	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV																
		1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12																
- Identify and propose individuals to be Protected Area Management Committee (PAMC).																												-Preparing draft ToR of PAMC	Draft ToR of PAMC	2019 Dec	-Terms of Reference for BBNMS management committee was drafted. (2019 Sep) - BBNMS management committee members were discussed, identified and proposed by 3rd BBMCI workshop (Nov. 14, 2019) - BBNMS management committee member was approved by BBNMS working group (Feb. 6, 2020)										
- Assist secretariat /CEPA for PAMC meeting, including preparation and sending invitation letter, preparation of agenda and presentation materials, booking venue, etc..																												-Preparing draft program and presentation materials	Draft program	2020 Jan											
- Assist to hold the preliminary PAMC meeting																												- Meeting note		2019 Oct	-1st Bootless Bay National Management Committee was held on 13th March 2020 (Mar. 13, 2020) - Special meeting for Bootless Bay National Marine Sanctuary was held on 15th Jul 2020. (Jul. 15, 2020)										
3.5.2 Prepare PA Management Plan.	Plan Actual																																	-Final endorsement of the Management Plan by all partners and communities							
- Clarify objective of management plan in each MPA																													- Draft of management plan	- Management plan	2020 Mar	-The objective of Bootless Bay National Marine Sanctuary Management Plan was drafted (Nov. 14, 2019) -The objective of Bootless Bay National Marine Sanctuary Management Plan was finalized (Jan 21, 2020)									
- Prepare the management plan including monitoring and feedback mechanism																													- MPA management plan		2020 Mar	- Meeting with National Fisheries Authority was held and get information on regulation of Bootless Bay (May 17, 2019) - The ToR for local consultant to prepare to BBNMS Management Plan was prepared (Aug. 23, 2019) - The contract with local consultant was signed (Aug. 26, 2019) - Bootless Bay National Marine Sanctuary Management Plan including monitoring and feedback was drafted (Nov. 15, 2019) - Draft of Bootless Bay National Marine Sanctuary Management Plan was finalized (Jan 21, 2020) - The BBNMS management plan was shared with BBNMS management committee members. (Feb. 16, 2020) - 2nd draft of the management plan was circulated to the management committee members and the comments were reflected (June 1, 2020) - Approved the BBNMS management plan by the committee member (Jul. 15, 2020)									
- Hold a workshop with local communities to explain MPA management plan																													- Workshop program	- Report	2019 Feb	-1st draft of Bootless Bay National Marine Sanctuary Management Plan was shared to local communities at the 3rd BBMCI workshop (15 Nov. 2019)									
3.6 Strengthen the management functions of the new PA in accordance with the management plan	Plan Actual																																								
3.6.1 Provide necessary support for managing the PA using the PA management Plan.	Plan Actual																																								
- Produce materials to support stakeholder engagement and partnership development																																						-T-shirts for coastal clean-up event - Three signboards at Tubuseria - Brochure for output 3 - Logo for BBMCI - BBMCI banner - Two signboards at Tahira UPNG land and one signboard at Motupore Island - Awareness materials	2020 Apr.	- Brochure for output 3 was prepared (May. 17, 2017). - Logo for BBMCI was prepared (Jun. 17, 2017). - BBMCI banner was prepared (Sep. 15, 2017). - Two kayaks were purchased for mangrove patrol (Jul. 30, 2018)	
- Construct facility at Tahira for management of new MPA.																																						- Contract for marine facility construction was signed (Dec 17, 2019) - Contract for marine facility construction was amended (Jan. 20, 2020) - Tahira Marine Station was constructed. (Feb 6, 2020) - Installed two signboards at the Tahira Marine Station (June 11, 2020) - Held a ceremony with participation of important actors including JICA's chief representative, handed over the Tahira Marine Station facilities to CEPA (Nov. 18, 2020)	2020 Apr.		
- Produce materials to raise public awareness																																						- Letter of permission to put up the project signboards in Tubuseria was submitted to CEPA (Mar. 8, 2017). - Acceptance letter of signboard setting up from Hiri LIG (Mar 29, 2017). - Three signboards at Tubuseria were installed (Apr. 13, 2017). - Two signboards at Tahira UPNG land and one signboard at Motupore Island were installed (Sep. 22, 2017). - A signboard at Tahira farm was installed. (Nov. 17, 2017). - Signboard design for mangrove protection was drafted. (Mar. 18, 2018) - Nine Mangrove protection signboards were set up in Tahira Farm (Apr. 2018) - A bird guide of Bootless Bay was drafted. (May 12, 2019) - A mangrove guidebook was drafted (May 2019) - The mangrove guide of Bootless Bay was finalized (May 25, 2019) - 200 copies of mangrove identification guide was printed (Jun 25, 2019) - A signboard design for MPA promotion was drafted (Jul. 26, 2019) - Designs of awareness materials such as 15 types of A3 poster and 6 types of canvas banner were prepared (Aug. 30, 2019) - The awareness materials for Bootless Bay National Marine Sanctuary, 15 types of A3 posters and 6 types of canvas banners were printed (Sep, 2019) - Five signboard of MPA promotion funded by CEPA was installed (15 Dec, 2019) - 500 copies of bird guide and 300 copies of mangrove identification guide were printed. (Jan. 2020) - Installed two signboards in Dogura and one signboard in Gereka by CEPA's budget (May 20, 2020).	2020 Apr.		

	Plan Actual	2016				2017				2018				2019				2020				Milestones	Major Products	Deadlines	Achievements	Issues & Countermeasures
		III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV							
		6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12								
- Make other information sharing materials in accordance with the strategy.																							- Other information sharing materials		- Project polo shirt was created for 60. (18 Apr 2016) - Made a project update sheet for Central Provincial Administration. (16 May 2016) - Project Photo Library 2015-16 was made to be uploaded at Facebook page. (27 May 2016) - T-shirt for "Bootless Bay Marine Conservation Initiative" was created for 100, and distributed at the launching event. (22 Oct 2016) - T-shirt for "Friends of Varirata" was created for 100. (3 Nov 2016) - Biodiversity reports (book) was printed for 10 copies. (Oct 2018) - Executive summary of the Biodiversity reports was printed for 100 copies. (Oct 2018) - Project vest was created for 60. (Feb 2019)	
4.3.5 Disseminate project related information in seminars, workshops, and other events.	Plan Actual																								- Participated in Kokoda Initiative workshop, made presentation on the project, and disseminated project related information. (26 May 2016) - Communicated with Central PA Administrator, Deputy Administrator, LLG Managers, and other central provincial leaders. (26 May 2016) - Held launching Ceremony of the project boat. (22 Oct 2016) - Promoted the project in the World Wildlife Day event at Nature Park, explained importance of the project activities, and disseminated project related information. (2 Mar 2017) - Held the Inaugural Event for Renovated Facilities in Varirata National Park. (20 Apr 2017) - Major sponsorship of the World Environment Day event at Varirata National Park. (5 Jun 2017) - Run a booth at the World Oceans Conference in UN HQ, New York City. (5-9 Jun 2017) - Made a presentation at the World Oceans Conference in UN HQ, New York City. (7 Jun 2017) - Launched the CTI Day at Taikone, Moresby south. (9 Jun 2017) - Held the Study Tour to VNP and National Museum of PNG. (18 Oct 2018) - Promoted the project in the World Wildlife Day event at Nature Park. (2 Mar 2019) - Held the Inaugural Ceremony for Information Center Complex in VNP. (28 Mar 2019) - Held campaign event for World Environmental Day at Mirigeta of Bootless Bay for mangrove planting. (4 Jun 2019) - Co-hosted the World Environment Day event at the Adventure Park. (5 Jun 2019) - Accepted two students of Pacific Adventist University on internship for 6 weeks. (24 Jun to 31 Jul 2019) - Held the signing ceremony of MOU, which was signed by the Central Provincial Government and CEPA for the protection of the mangroves and marine resources at Mirigeta and Bootless Bay. (9 Aug 2019) - Held the event of community awareness on Bootless Bay MPA. (9-16 Oct 2019) - Held Varirata National Park one day tour packages. (9 Nov 2019) - Co-hosted the event of the World Environment Day and Coral Triangle Day at Bootless Bay with Coral triangle Initiative. (13 Jun 2020) - Held Varirata National Park one day tour packages. (20 Jun 2020) - Run a booth at the Sogeri Pineapple Festival around the VNP and within Sogeri areas. (21-22 Nov 2020)	
4.3.6 Set up CEPA-JICA project page in home page of CEPA	Plan Actual																						- Project webpage in CEPA home page	- Mar 2017	- JICA-CEPA team discussed modification of CEPA-JICA project page. (Sep 2016) - CEPA-JICA team discussed with IT officer about modification of CEPA-JICA project page. (Oct 2016) - CEPA-JICA team discussed modification of CEPA-JICA project page with IT officer and Web developer. (Nov 2016) - Requested additional adjustments required for CEPA-JICA project page to Web developer. (Mar 2017) - Set up CEPA-JICA page in website of CEPA. (Mar 2017)	
4.4 Conduct workshop/seminar for better public relations/awareness.	Plan Actual																									
4.4.1 Develop implementation plans of workshop/seminar for public relations/awareness (Kick off Seminar, Mid-term Review Seminar, and Closing/Wrap-up Seminar) in response to comments of stakeholders.	Plan Actual																					participants list media list agenda, slide, hand out, novelty goods logistic plan, progress monitoring	- Seminar proposal	- Aug 2015 - Aug 2017 - Feb 2020	- Developed related documents (proposal, participant list, logistic plan etc.) and implement preparation activities for Kickoff Seminar/workshop. (Jul 2015) - Developed implementation plans of Wrap-up Seminar. (Feb 2020)	
4.4.2 Prepare and conduct workshop/seminar.	Plan Actual																					Seminar reports Final Seminar Report (Mar 2019)	- Sep 2015 - Sep 2017 - Mar 2020	- For Project as a whole-> - Conducted Kick-off Seminar / Workshop for CEPA-JICA Biodiversity Project. (29 Jul 2015) - Conducted Wrap-up Seminar. (18 Nov 2020) - For Output 2-> - Held Inception Workshop for Koitari. (22 Oct 2015) - Held Follow-up Workshop for Koitari. (22 Nov 2015) - Held Workshop on Livelihood Development & Bird Watching in Koitari. (25 Feb 2016) - Held VNP Landowner Workshop on Livelihood development. (19 May 2016) - Held Inception Workshop for the creation of Bootless Bay Marine Conservation Initiative at Motupore Island. (16 Aug 2016) - Held the 2nd Workshop for the creation of BBMCI at Lamana hotel, Port Moresby. (31 Jan 2017) - Held VNP Wrap-up Workshop on the Project Achievements 2015-2016. (2 Feb 2017) - Held Inaugural Launch for the Renovated Facilities in Varirata National Park. (20 Apr 2017) - For Output 3-> - Held the 1st meeting for BBMCI at Tubseria Village. (12 Apr 2017) - Held the 2nd meeting for BBMCI at CEPA. (19 Apr 2017) - Held the 3rd meeting for BBMCI at CEPA. (21 June 2017) - Held the 4th meeting for BBMCI at CEPA. (25 July 2017) - Held Seminar for explanation of the results of social mapping and socio-economic survey. (1 Mar 2018) - Held the 5th meeting for BBMCI at CEPA. (12 Mar 2018) - Held Biodiversity and Conservation Seminar by collaboration with Exxon Mobile. (16, 17, 19 Oct 2018) - 5th BBMCI meeting report (Apr 2018) - Held the 6th BBMCI meeting. (3 Sep 2018) - Held the 7th BBMCI meeting. (25 Jan 2019)-BX82 - Held the 8th BBMCI meeting. (2 Sep 2019) - Held the 9th BBMCI meeting and the 1st BBMCI working group meeting. (5 Feb 2020)		