



“Science to Services for a Resilient Pacific”

## Fifth Meeting of the Pacific Meteorological Council (PMC-5) Working Papers

7-9 August 2019  
Apia  
Samoa

### Agenda Item 20.1: Progress in Implementing the PIMS and the PMDP

#### Purpose:

1. Provide an update on the Implementation of the PIMS and the PMDP Secretariat Support

#### Background:

1. The 10 year Pacific Island Meteorological Strategy was endorsed in 2017.
2. There are 11 Pacific Key Outcomes (PKO's) arranged under 5 priority areas;

#### **PRIORITY 1: IMPROVED WEATHER SERVICES**

- PACIFIC KEY OUTCOME (PKO) 1: Improved Aviation weather services
- PACIFIC KEY OUTCOME (PKO) 2: Improved marine weather services and establishment of ocean services
- PACIFIC KEY OUTCOME (PKO) 3: Improved public weather services

#### **PRIORITY 2: DISASTER RISK REDUCTION**

- PACIFIC KEY OUTCOME (PKO) 4: Strengthened NHMSs capacity to implement Multi-Hazard Early Warning Systems (MHEWS) for tropical cyclones, coastal inundation and tsunamis
- PACIFIC KEY OUTCOME (PKO) 5: NHMSs contribution to climate change activities

#### **PRIORITY 3: IMPROVED CLIMATE AND HYDROLOGICAL SERVICES**

- PACIFIC KEY OUTCOME (PKO) 6: Improved climate information and prediction services through the implementation of the Pacific Roadmap for Strengthened Climate Services
- PACIFIC KEY OUTCOME (PKO) 7: Strengthen collaboration between meteorological and hydrological services to better manage water resources and reduce the impact of water related hazards

#### **PRIORITY 4: INTEGRATED OBSERVING AND COMMUNICATION SYSTEMS**

- PACIFIC KEY OUTCOME (PKO) 8: Integrated observing and communication systems

#### **PRIORITY 5: COORDINATED SUPPORT FOR NMHSs and PMC**

- PACIFIC KEY OUTCOME (PKO) 9: NMHSs institutional strengthening and capacity development
- PACIFIC KEY OUTCOME (PKO) 10: Support to NHMSs is coordinated
- PACIFIC KEY OUTCOME (PKO) 11: PMC is an efficient and effective body



3. Under Agenda Item 10, PMC members provided their updates on how they are supporting the Pacific Meteorological Service. The meeting was also updated under Agenda Item 11 – 19 on how each of the PMC Panels and leading institutions are implementing the PIMS.

4. The PMMM-2, member and Ministers made recommendations such as **REQUESTED** SPREP, University of the South Pacific (USP), the Pacific Community (SPC) and other regional organizations, WMO and development partners to expedite the implementation of the PIMS and the PRSCS in the Pacific region;

Th PMC-4 **REQUESTED** NMHSs, donors and partners to support the implementation of suggested actions within the PRSCS.

Th PMC-4 **REQUESTED** partners and donors to allocate resources to support the implementation of the PIMS 2017-2026, and to align regional and national projects on climate, meteorology, ocean and water services to the PIMS priorities.

5. SPREP is currently implementing the following projects in support of the PIMS

Project	Donor	Partners	Focus Areas	PKO	Target Countries	Budget
Republic of Korea-Pacific Climate Prediction Services Phase 2 (RoK-PI CliPS) 3 years (2019-2021)	Government of Korea	PIFS SPREP POSTECH (Pohang University of Science and Technology)	<ul style="list-style-type: none"> <li>Research</li> <li>Trainings</li> <li>PICASO</li> <li>Consensus for Climate Outlook (CoCO) Function</li> </ul>	PKO 6 PKO 9	14 PICS	USD1.8 million
Community-based Early Warning System (CB-EWS) 2 years (2019-2020)	CREWS Environment Canada WMO	SPREP WMO COSPPac PMC	<ul style="list-style-type: none"> <li>CB-EWS/DRR &amp; TK</li> <li>6 PMC Panel support</li> <li>IT trainings/ websites/intern</li> </ul>	PKO 9 PKO 3	14 PICS	USD 890,000
Climate and Oceans Support Programme for the Pacific (COSPPac) 4 years (2018-2022)	Government of Australia Government of New Zealand	SPREP	<ul style="list-style-type: none"> <li>Climate</li> <li>Oceans</li> <li>TK</li> <li>Coms</li> </ul>	PKO 6 PKO 9	10 PICS	USD
NZ-Pacific Partnership Ocean Acidification (PPOA) 5 years (2016-2020)	Government of New Zealand Principality of Monaco	SPREP USP SPC	<ul style="list-style-type: none"> <li>Capacity building</li> <li>Research and Monitoring</li> <li>Adaptation Actions</li> </ul>	PKO 2	3 countries (Fiji, Kiribati, Tokelau)	USD 2.1 million
UKMO Pacific Fund 4 years (2019-2022)	UKMO	SPREP NZ MetService	<ul style="list-style-type: none"> <li>Support upper operations</li> </ul>	PKO 8	Kiribati, Tuvalu	USD 778,00
Climate Information Services for Resilient Development (Van-KIRAP) 4 years (2018-2021))	GCF	SPREP, Vanuatu, BoM, CSIRO, APCC	<ul style="list-style-type: none"> <li>Monitoring</li> <li>Climate Services</li> <li>Application to Sectors (Agr, Fisheries, Tourism, Infrastructure, Water)</li> </ul>	PKO 8 PKO 6 PKO4 PKO 5 PKO 6 PKO 7 PKO 9 PKO 10	Vanuatu	USD 20.5 million



Pacific Met Desk Partnership (PMDP) 4 years (2016-2019)	WMO	SPREP WMO	<ul style="list-style-type: none"> <li>Support PMDP activities to support members</li> </ul>	PKO 11	PMDP	USD 100,000
NextGen1.5 Projection for the Pacific  1 year (2019-2020)	DFAT	CSIRO, SPREP, BoM	<ul style="list-style-type: none"> <li>Research Roadmap</li> <li>Capacity building</li> <li>CC Science applications</li> <li>PMC</li> </ul>	PKO 6, PKO 5	14 PICS	AUD 180,000

6. SPREP also has a portfolio of pipeline projects for funding by various donors

Project	Donor	Potential Partners	Focus Areas	PKO	Target Countries	Budget
Strengthened Weather and Climate Services for Resilient Development for Pacific Islands	GCF (SAP)	SPREP, WMO, APCC, SPC, USP, NIWA, BoM	<ul style="list-style-type: none"> <li>PIMS</li> <li>Capacity Building and governance</li> <li>Meteorology (Weather and Climate),</li> <li>Aviation, Maritime and Hydrology/Water</li> </ul>	PKO 1  To  PKO 11	TBD	USD 10mill+
Climate Services and Related Applications	EU	SPREP, WMO, SPC, EUMETSAT	<ul style="list-style-type: none"> <li>RCC</li> <li>PICOF</li> <li>NCOF</li> <li>Climate Applications</li> </ul>	PKO 5 PKO 6 PKO 8 PKO 9	14 PICS	EUR 9 mill
Enhancing Early Warning Systems to build greater resilience to hydro-meteorological hazards in Pacific SIDS	GCF	TBD	<ul style="list-style-type: none"> <li>Priorities are determined by Countries</li> </ul>	PKO 1  To  PKO 9	4 PICS (Fiji, PNG, Solomon Is, Vanuatu)	USD40 million (TBD)

7. A draft portfolio of projects implemented by SPREP and its partners is attached as Annex

### Recommendations:

The Meeting is invited to:

- Note the effort by SPREP and its Partners to secure funds to support the implementation of the Pacific Island Met Strategy
- Recognise the need for better coordination between different projects contributing to implementing the PIMS
- Recommend improving the capacity of the PMDP to coordinate and implement the PIMS

### Attachment

- Att 1 - Project Mapping Exercise against the PIMS

