

Agenda 23.1 Mid-Term Review and the new PIMS

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on behalf of the PMDP Team



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Secretariat of the Pacific Regional
Environment Programme



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Pacific Islands Meteorological Strategy

- Midterm Review of PIMS 2012 - 2021
- PIMS 2017 – 2026



Midterm Review of PIMS 2012 – 2021 (Att1)



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Purpose

- To provide a brief of the Mid-Term Review of the Implementation of the Pacific Islands Meteorological Strategy (PIMS) 2012-2021.
- Present the reviewed Pacific Islands Meteorological Strategy 2017-2026 for endorsement.

Review of the Pacific Island Met Strategy

- Desk top study
- Went through a consultative process
 - Questionnaires
 - Regional meetings
 - In-country interviews
- WG established by the PMC3 were informed
- Stakeholders were invited to contribute to the review and the new PIMS



Key Findings

- **PIMS is highly relevant** to all Pacific island countries.
- All Pacific Meteorological Council member **NMHS Directors are familiar with the PIMS** and some use the document in planning and in budget negotiations with their governments. **Fewer NMHS staff are aware of the PIMS.**
- **Few international partners were aware of the PIMS.**

Key Findings

- As Secretariat to the PMC, **SPREP manages the publication and revision of PIMS with minimal funding.** SPREPs contribution is a significant factor in the success of PIMS.
- Though information on the implementation of PIMS 2012–2021 was confirmed at the May 2017 workshop, it is not possible to attribute progress against the PKOs directly to use of the PIMS.
- **Communication with communities remains challenging.**
- **Meteorology Act is a high priority.**

Key Recommendations

- **Working with NGOs and civil society organisations** has great potential to improve communications to and from communities.
- NGOs/CSOs are well placed to raise awareness of the services available and to help translate technical concepts and information to groups within communities.
- School visits by NMHS staff to **encourage girls to study science and mathematics** and to consider a career in meteorology or climatology will help ensure women's interests and contributions are better represented in years to come.

Key Recommendations

- **PIMS should have oceanography** services as a long term goal and the revised PIMS reflects Directors' advice accordingly.
- A governance arrangement for PIMS 2017–2026 that includes revision of the PKOs implementation plans every two years as part of the PMC meeting.
- **PIMS should Include Climate Change Science**

PIMS 2017 - 2026



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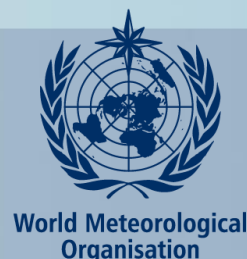
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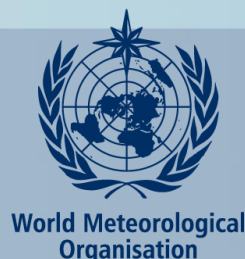
PIMS and its global and regional linkages

- World Meteorological Organization Strategy 2016–2019
- WMO RA V Operating Plan 2016–2019
- Global Framework on Climate Services (GFCS)
- Beijing Declaration and Plan of Action
- Framework for Resilient Development in the Pacific 2017–2030 (FRDP)
- Sendai Framework for Disaster Risk Reduction 2015–2030
- Nuku'alofa Ministerial Declaration
- Paris Agreement on Climate Change



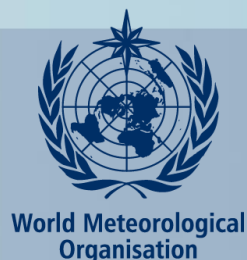
PIMS Vision

National Meteorological and Hydrological Services (NMHSs) of the Pacific Island Countries and Territories (PICTs) provide relevant weather, climate, water and ocean services to their people to make informed decisions for their safety, socio-economic well-being, prosperity and sustainable livelihoods.



PIMS Objectives

The overall objective of this Strategy is to provide a strategic framework for building and strengthening the capacity of the NMHSs, either through direct national support or through coordinated, coherent, and sustained regional support.



PIMS Priorities

1. Improved weather services
2. Disaster risk reduction
3. Improved climate and hydrological services
4. Integrated observing and communication systems
5. Coordinated support for NMHSs, PMC and the Pacific Meteorological Desk Partnership (PMDP)

PIMS 2012-2021: 14 Pacific Key Outcomes

Priority 1, 2 and 3:

- Improved aviation, marine and public weather services

Priority 4:

- Improved end-to-end Multi-Hazard Early Warning Systems (MHEWS)

Priority 5:

Improved EWS Flood

Priority 6:

- Improved Climate information and prediction Services

Priority 7:

- Enhanced infrastructure (data and information services) for weather, climate and water

Priority 8:

- Preservation of Historical Data

Priority 9:

- Observations of Atmospheric Chemistry

Priority 10:

- Capable and effective NMSs

Priority 11:

- Education, training and Capacity development activities

Priority 12:

- Funding and resource mobilization

Priority 13:

- Strategic Partnerships

Priority 14:

- Effective and efficient PMC (with linkages to RA-V)

PIMS 2017 - 2026: 11 Pacific Key Outcomes

Priority 1: IMPROVED WEATHER SERVICES

PKO 1 and 3 (unchanged):

- Improved aviation weather services
- Improved public weather services

PKO 2:

- Improved marine weather services and establishment of ocean services

PIMS 2017 - 2026: Pacific Key Outcomes

Priority 2: DISASTER RISK REDUCTION

PKO 4 (combined PKOs 4 and 5):

- Strengthened NHMS capacity to implement Multi-Hazard Early Warning Systems (MHEWS) for tropical cyclones, coastal inundation and tsunamis
- **PKO 5 (new):**
- NHMS contribution to climate change activities

PIMS 2017 - 2026: 11 Pacific Key Outcomes

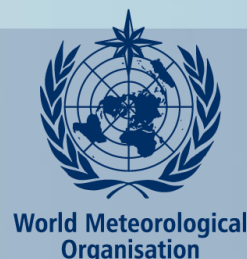
Priority 3: IMPROVED CLIMATE AND HYDROLOGICAL SERVICES

PKO 6 (focusing on PRSCS):

- Improved climate information and prediction services through the implementation of the Pacific Roadmap for Strengthened Climate Services

PKO 7 (new):

- Strengthen collaboration between meteorological and hydrological services to better manage water resources and reduce the impact of water related hazards



PIMS 2017 - 2026: 11 Pacific Key Outcomes

Priority 4: INTEGRATED OBSERVING AND COMMUNICATION SYSTEMS

PKO 8 (combined PKOs 7, 8 and 9):

- Integrated observing and communication systems

PIMS 2017 - 2026: 11 Pacific Key Outcomes

Priority 5: COORDINATED SUPPORT FOR NMHSs and PMC

PKO 9: (combined PKOs 10 and 11)

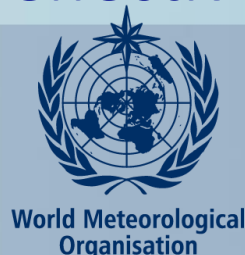
- NMHSs institutional strengthening and capacity development

PKO 10 : (combined PKOs 12 and 13)

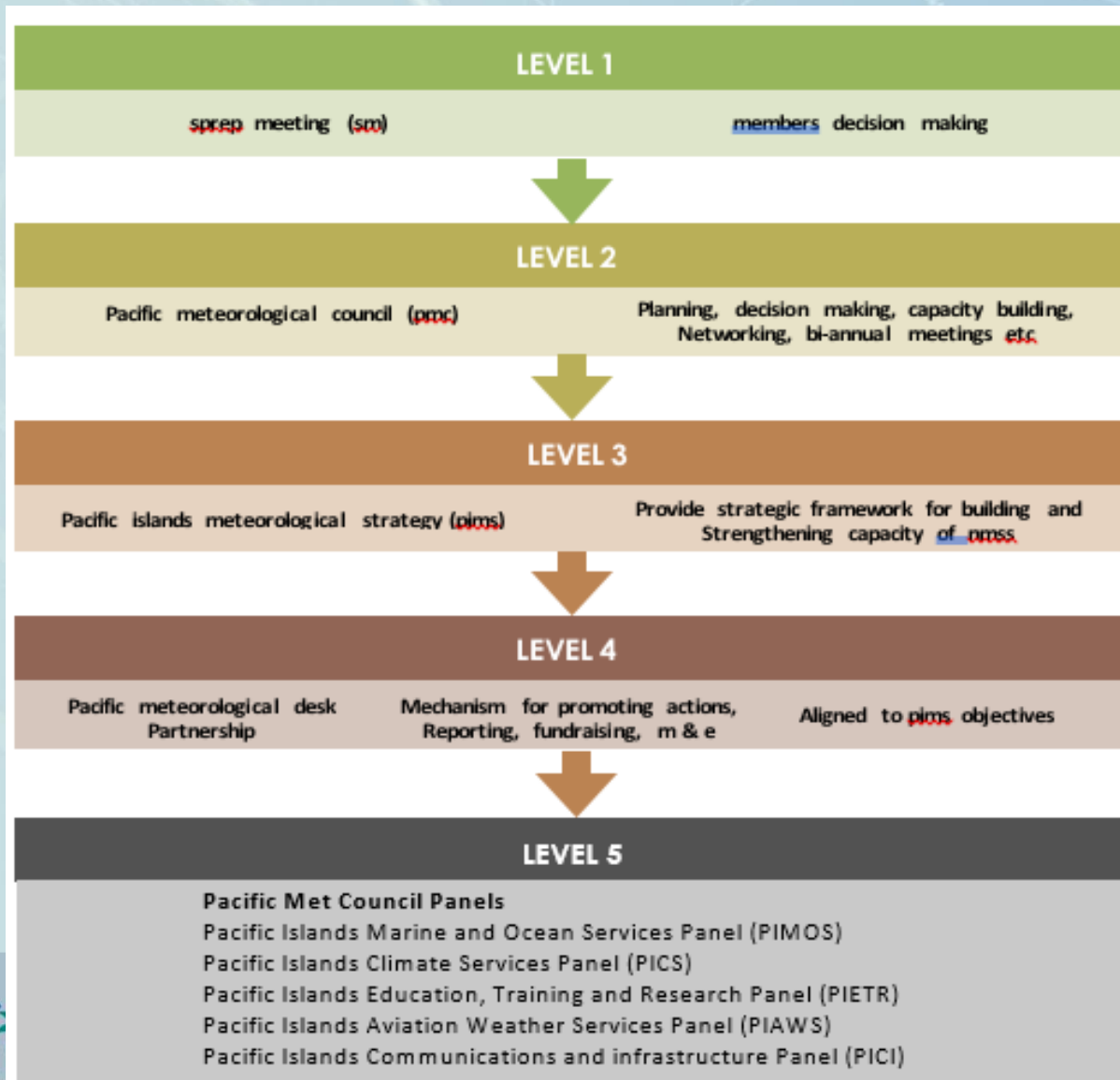
- Support to NHMSs is coordinated

PKO 11 : (replaced PKO14)

- PMC is an efficient and effective body

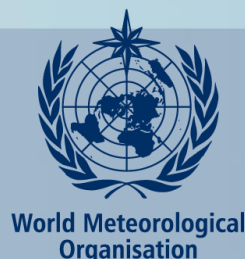


PIMS Institutional Arrangement



The Meeting is invited to;

- **Noted** the importance of the PIMS 2012-2021 in guiding regional action and support for NMHSs;
- **Note** the review process of the PIMS 2012-2021
- **Acknowledge** SPREP and WMO for providing the Secretariat via the PMDP to support the review process and Government of Australia through the COSPPac project for the financial support
- **Acknowledge** the support from the PMC working group for providing their support and guidance in the review process;



- **Note** the Mid Term Review Report of the PIMS 2012-2021;
- **Note** that the draft Reviewed PIMS 2017-2026 is aligned with the global and regional frameworks indicated under Part 4 of the Strategy;
- **Note** that an implementation Plan for the PIMS 2017-2026 was is still in draft. The Secretariat will continue to work with the PMC Panels to complete it;

- **Endorse** the Reviewed PIMS 2017-2026;
- **Recommend** partners and donors to allocate resources to support the implementation of the PIMS 2017-2026 and align regional and national projects on climate, meteorology, ocean and water services to the PIMS priorities; and
- **Recommend** for the Secretariat, NMHSs and partners to promote the PIMS 2017-2026 to regional and global fora.