



SEVENTH MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL (PMC-7)

## Agenda Item 11.1

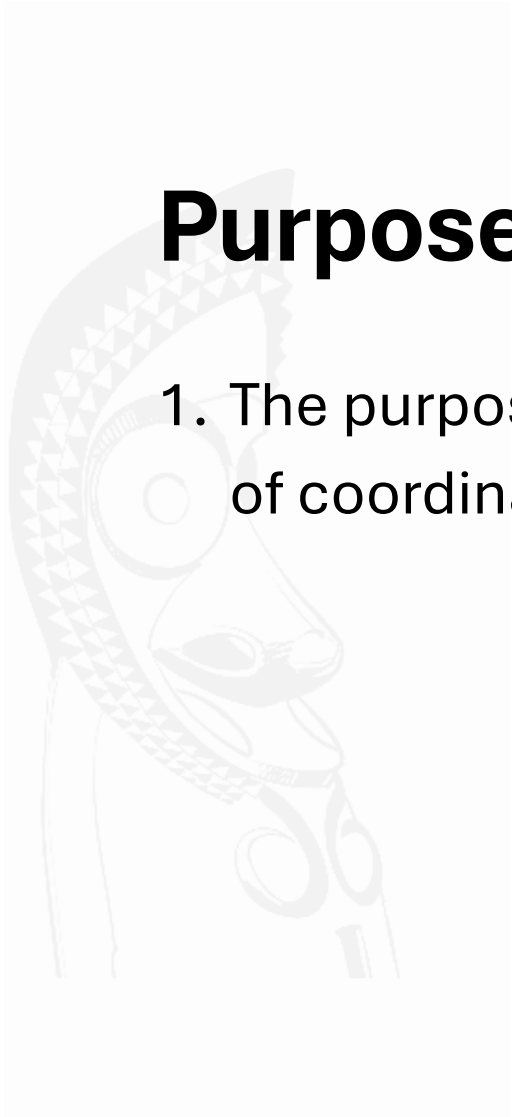
# Progress and Way forward on Coordinating MHEWS

*SPREP*

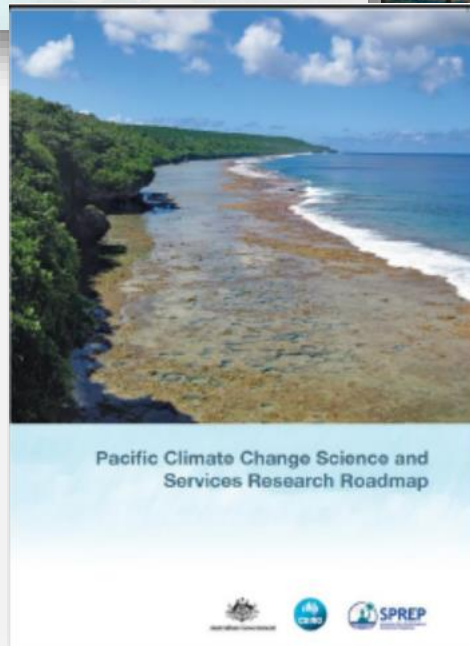
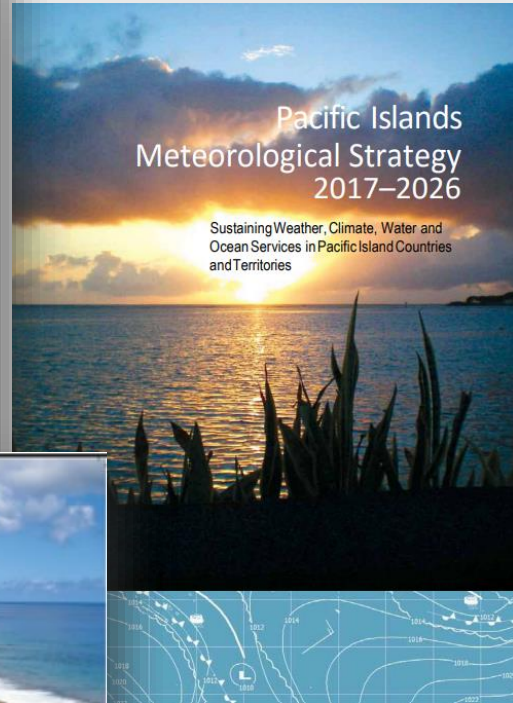
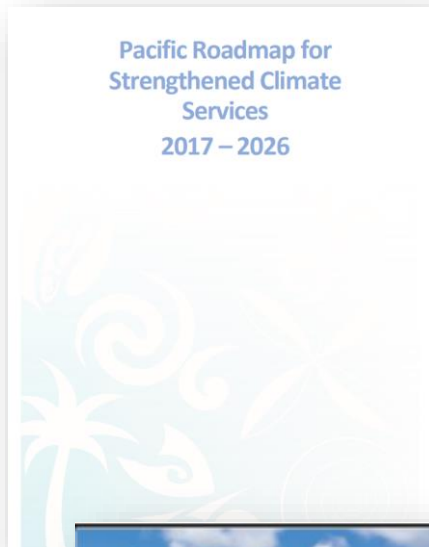


# Purpose of the Paper

1. The purpose is to present to the Pacific Meteorological Council the progress of coordinating MHEWS in the Pacific



# Key strategic issues related to PMC



## IMPROVED WEATHER SERVICES

- PKO1:** Improved aviation weather services
- PKO2:** Improved public weather services
- PKO3:** Improved marine weather services and establishment of ocean services

## DISASTER RISK REDUCTION

- PKO4:** Strengthened NHMS capacity to implement Multi-Hazard Early Warning Systems (MHEWS) for tropical cyclones, coastal inundation and tsunamis
- PKO5:** NHMS contribution to climate change activities

## CLIMATE AND HYDROLOGICAL SERVICES

- PKO6:** Strengthen collaboration between meteorological and hydrological services
- PKO7:** Improved climate information and prediction services through the implementation of the Pacific Roadmap for Strengthened Climate Services

## INTEGRATED OBSERVING AND COMMUNICATION SYSTEMS

- PKO8:** Integrated observing and communication systems

## COORDINATED SUPPORT FOR NMHSs AND PMC

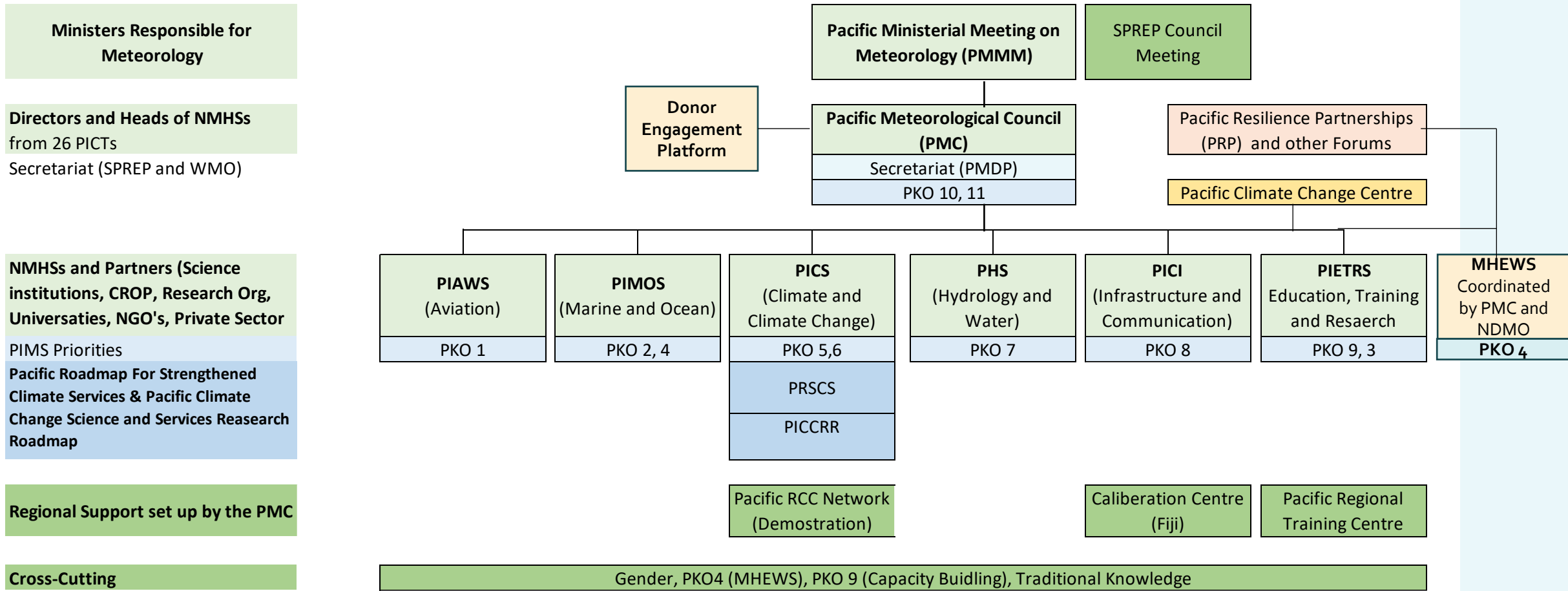
- PKO9:** NMHSs institutional strengthening and capacity development
- PKO10:** PMC is an efficient and effective body
- PKO11:** Support to NMHSs is coordinated



# PKO4 (MHEWS) of the PIMS: Regional Activities

- a. Assess current status, needs and gaps and establish and/or strengthen MHEWS and ensure that it is integrated **into government policies**, decision-making processes and emergency management systems
- b. Develop **a formal agreement between relevant non-government stakeholders and national disaster management authority** in supporting disaster preparedness and response.
- c. Support NHMS to work with NDMOs, sectors and humanitarian organisations to identify danger levels for selected hazards and reliable forecast triggers e.g. **Forecast-based Action or Forecast-based Financing**
- d. Formalise service agreement between NDMO, NMSs and Telecommunication to ensure that free communications such as SMS are enabled.
- e. **Use of traditional, indigenous and local knowledge** and practices to complement scientific knowledge in disaster risk reduction activities.

# Coordination: Arrangements under the PMC



- PRSCS- Pacific Roadmap for Strengthened Climate Services
- PICCRR- Pacific Island Climate Change Science Research Roadmap







# The Outcomes of the Joint Meeting between NMHSs and NDMO were;



- a. Recommended that **SPREP and SPC** facilitate the establishment of a structured mechanism to foster collaboration and interaction between providers and users of **early warning information**, which will contribute to building a resilient Pacific including through the Weather Ready Pacific;
- b. Recommended that SPREP and SPC work together to support the mechanism alongside key partners WMO, UNDRR, Pacific Disability Forum (PFD) and others <regional actors>; and
- c. Recommended that joint meetings of the NMHS, NDMO and other relevant stakeholders, be held when the opportunities arise.



## AA Meeting in Fiji, 2023

- Opportunity that brought all the MHEWS stakeholders under the EW4All and the Weather Ready Pacific

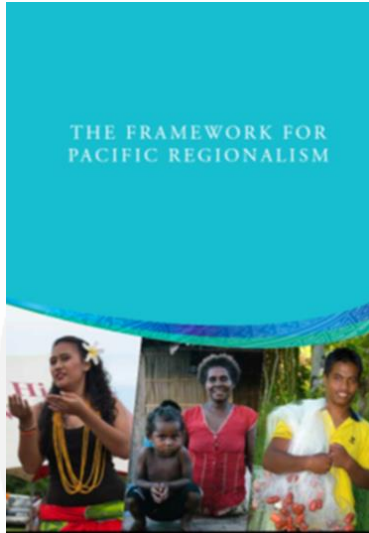




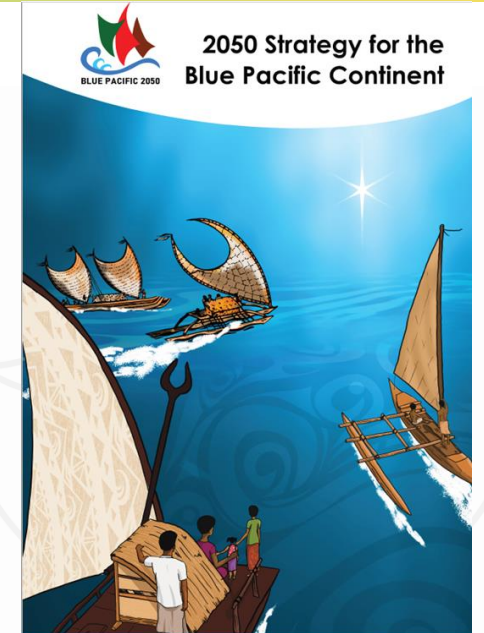


# Pacific Regional Policy Landscape

## High-level policy aspiration and commitments



FPR - collective action towards a region of peace, harmony, security, social inclusion and prosperity – **CC a standing priority agenda**

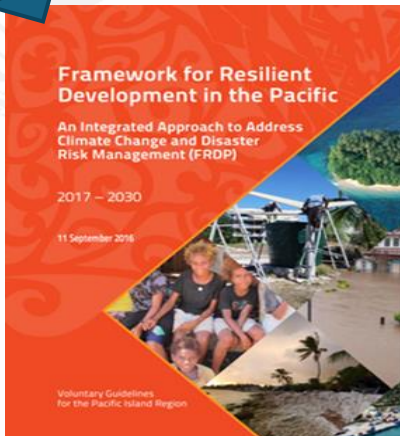


2050 Strategy – long-term vision to secure the future of the Blue Pacific. **CC a key thematic priority**

## Overarching regional climate frameworks for implementation to address issues relating to climate change and disaster risk



Synergies & complementarity





# Recommendations

The Meeting is invited to:

- **Recommend** for SPREP through the Weather Ready Pacific Program to convene a meeting with SPC, UNDRR, WMO, IFRC, ITU and other relevant EW4ALL partners on how the Pacific can better coordinate work around MHEWS to support Member Countries and Territories.