



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

## Agenda 8.1

# Progress and update on the Weather Ready Pacific Program

*'Ofa Faánunu, Weather Ready Pacific Programme Manager*

*"AT THE FRONTLINE OF WEATHER, CLIMATE, WATER, AND OCEAN ACTION IN THE PACIFIC"*



# Purpose of the Paper

- To provide the Council with an Update of activities since PMC-6
- Provide an update of the Financial commitments to WRP
- Discuss the high level activities for the WRP Inception Phase
- To seeks the Councils advise of the PMC and WRP mandates on Non-meteorological natural hazards



# Background

**Decision of PMC-6** - Weather Ready Pacific established as a program to coordinate the wider implementation of people-centered end-to-end multi-hazard early warning systems for all Pacific island countries and territories.

**PMMM-3** – Acknowledge Weather Ready Pacific as the Key vehicle for delivery of EW4ALL initiative in the Pacific

**Decision of PMC6.1** – Weather Ready Pacific Governance and Financial Facility Approved.

**Decision of PMC6.1** – Weather Ready Pacific Steering Committee Terms of Reference approved



# Funding commitments to WRP

- **AUD30M** – Government of Australia (March 2023)
- **NZD20M** – Government of New Zealand (January 2024)
- **BP300K** – UKMET (Wiser Program) (Funding completed June 2024)



# Other commitments

- **RTC/RIC** – Government of Japan (to be completed in 2027)
- **GEDSI Consultant** for 1 Year – UNDRR (December 2024-25)
- **Funding MET/NDMO Directors to attend PMC and WRP SC** - ADB





# Progress

Date	Activity
29 Sep 2023	PMC6.1 Approves WRP Governance and Financial Facility and approves WRP Steering Committee TOR
Dec 2023	DFAT Grant Agreement with SPREP for setup of WRP PMU
30/11-13/12/23	Weather Ready Pacific featured again at COP28 in UAE
Jan 2024	New Zealand announces NZD20M commitment to WRP
Feb 2024	3 Samoan Forecasters deployed for BIP-M in Melbourne
Feb 2024	SPREP advertises for WRP Manager, Admin Officer and FM
10-14 Jun 24	Integrated Forecast Workshop, Port Vila, Vanuatu
18 Jun 2024	WRP Programme Manager Recruited



## Progress cont.

Date	Activity
24-25 Jun 24	First WRP Consultation Planning, Melbourne, Australia
17-19 Jul 24	WRP Assist Tonga with initial EW4ALL Consultations
30/7-02/8/24	WRP Assist 22 <sup>nd</sup> TC Committee/SWFP-SP, Brisbane, Australia
19 Aug 2024	WRP Admin and Finance Officer Recruited
26 Aug 2024	Commission of WRP Tonga Radar by UNSG
29 Aug 2024	WRP Partnership Agreement SPREP/MFAT signed
20 Sep 2024	First WRP Steering Committee



# Some WRP activity photos



Aloalii Liu  
(BIP-M)  
BOM



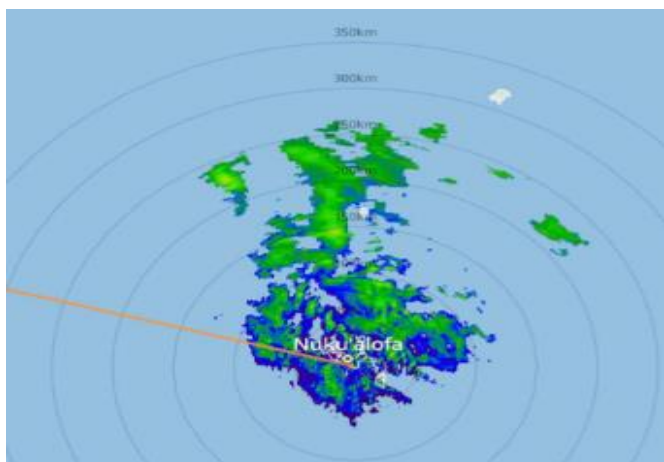
Faauinga  
Kalapani  
(BIP-M)  
BOM



Sepi Gafa  
(BIP-M)  
BOM



1<sup>st</sup> WRP Planning Meeting



Tonga C-Band Radar Image



Tonga Radar with WMO Secretary Gen.

## WRP PMU



Ofa Faanunu  
(Manager)



Pomate Soloi  
(Admin/Finance  
Officer)



## Some WRP activity photos



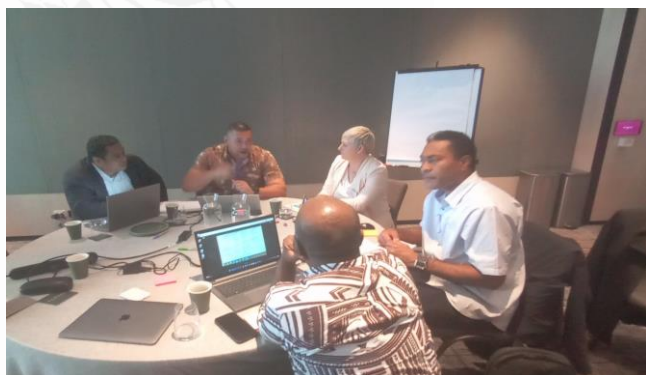
Remote launch of Tonga Radar  
By UNSG, DPM NZ, DG SPREP,  
Tonga Gov.



Launch of Tonga COPE  
Tongan Tropical Cyclone  
Booklet to schools by UNSG



PMC/PIMS Review.



Integrated Platform Workshop



WRP partnership signed SPREP/MFAT



WRP Radar side event SPREP/WMO

# WRP Inception plan activities(now-Dec25)

No	Activity
<b>Key Result Area 1 – Management and Coordination</b>	
1	WRP/EW4ALL Alignment and Prepare Program of Work for Phase 1 and overall WRP and prepare Implementation plan V2 including developing Risk Framework and Results Framework for M&E
2	Environment and Social Safeguards Strategy for WRP
3	Communications strategy for WRP
4	Programme support

# WRP Inception plan activities cont.

No	Activity
<b>Key Result Area 2 – Production of Forecasts and Warnings</b>	
1	Preparation of a plan and costs for the development of an integrated forecast platform for the Pacific region (initial workshop has taken place)
2	Permanent tide gauge and data collection for a coastal inundation forecasting in Tokelau
3	Severe Weather Forecasting Regional Support Programme (Phase 2 ready from June 2025)

# WRP Inception plan activities cont.

No	Activity
<b>Key Result Area 3 – Communications and delivery of forecasts to end users</b>	
1	Consultations and develop an engagement strategy with vulnerable groups
2	Regional workshops on service delivery
3	Expand translation of COPE series booklets for children and youth
4	Training on common alert protocol
5	Establish internet connection for challenging/remote monitoring stations



# WRP Inception plan activities cont.

No	Activity
<b>Key Result Area 4 – Infrastructure</b>	
1	Pacific Radar Pilot – Tonga (completed)
2	Regional Radar Strategy and feasibility for PNG, Solomons, Samoa
3	Develop national observational network plans for AWS including station upgrades and new installations
4	Development of a regionally defined Principles and Standards for observation, communications, and ICT infrastructure to maximize the value of investments
5	Partner engagement in the establishment of the RIC Centre
6	Seismometers for selected tsunami operational centers
7	1 Ocean infrastructure staff for SPC



# WRP Inception plan activities cont.

No	Activity
<b>Key Result Area 5 – Capacity development and training</b>	
1	BIP-M Forecasters Course (x5 students) (this is in addition to the 3 Samoans currently at BOC)
2	Regional Workshop on the Regional Training Centre Program
3	Develop and deliver accredited QMS Course with regional institutions
4	Develop and deliver Pacific Meteorology Leadership Programme for mid and senior level staff
5	Short term capacity development workshops for Met Technicians and Hydrology staff





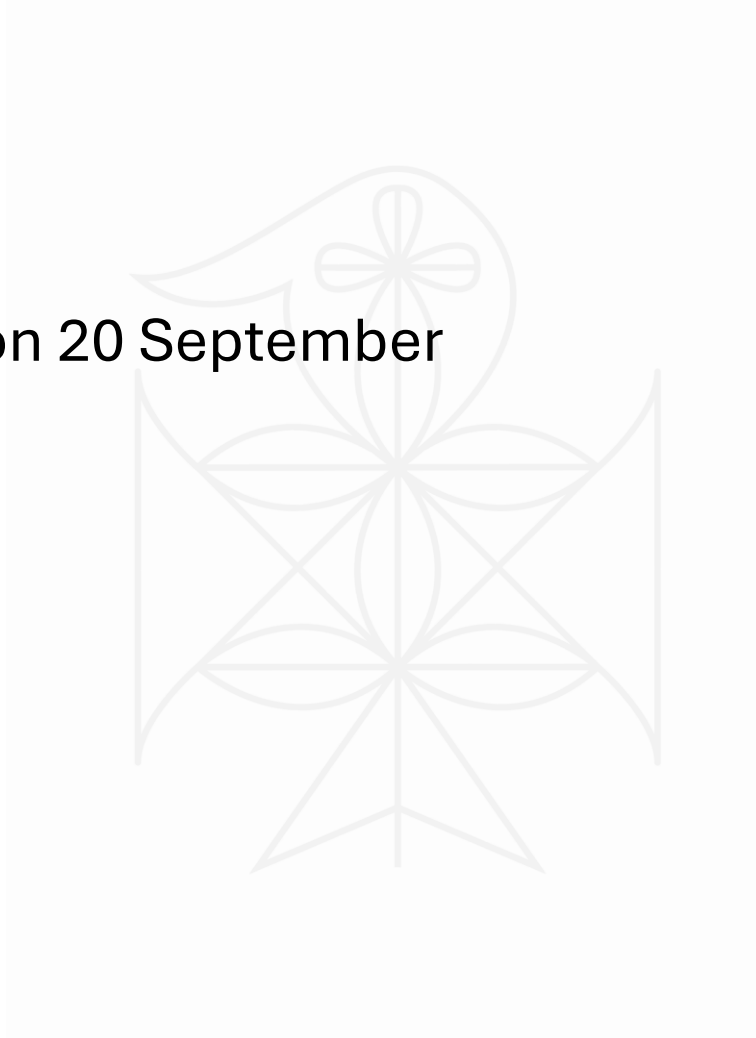
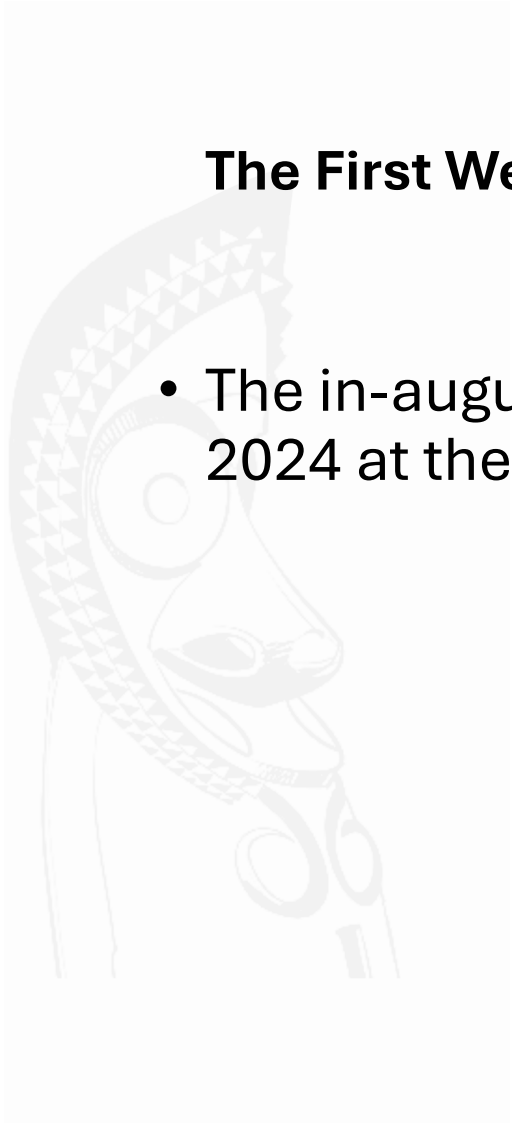
# WRP/EW4ALL Mandate for Non-Meteorological Hazards

- Considering that the mandate for PMC does not cover all natural hazards and that the review for WRP/EW4ALL alignment is yet to be completed and **noting** that other regional organizations have mandates for other hazards, there should be some discussion in PMC on the related to PMCs involvement in other hazards.



## The First Weather Ready Pacific Steering Committee

- The in-augural WRP Steering Committee will take place on 20 September 2024 at the Ramada Resort.





# Recommendations

The Council is invited to:

- **Note** the progress made the Weather Ready Pacific Program since PMC-6 and encourage members and **encourage** member to work closely the WRP PMU on implementation.
- **Acknowledge** the Government of the Cook islands and Tonga for showcasing the Weather Ready Pacific to the Leaders meeting in 2023 and 2024
- **Acknowledge** with appreciation the funding support of the Government of Australia, New Zealand and the United Kingdom for the initial funding to the Weather Ready Pacific Program and invite development partners and donors to invest in this decadal program.

# Recommendations cont.

The Council is invited to:

- **Continue to Recognize** that the Infrastructure investment under the Weather Ready Pacific is critical for addressing the climate emergency in the Pacific.
- **Endorse** the high level activities of the WRP inception phase
- **Approve** that while the WRP/EW4ALL alignment review is pending, the mandate of PMC and WRP in relation to other hazards will be limited to PMC Members who provide those non-meteorological services until the WRP/EW4ALL alignment review. E.g. PMC and WRP may decide to carryout volcano activities in Tonga, Solomon islands and Vanuatu because volcano is a mandate of the National Meteorological Service of these countries.



# Recommendations cont.

The Council is invited to:

- **Attend** the inaugural Meeting of the WRP Steering Committee to be held at the Ramada Resort on 20 September 2024. **Members** of the Steering Committee include the following:
  - a. All Members of the Pacific Meteorological Council (Directors of Meteorology)
  - b. Director of Regional NDMOs (Director's Cook Islands and Vanuatu)
  - c. Representative from WRP funding agencies (DFAT, MFAT, UK and JICA)
  - d. Weather Ready Pacific Programme Manager
  - e. Director Secretariat of the Pacific Regional Environmental Program

# Recommendations cont.

The Council is invited to:

- **Attend** the inaugural Meeting of the WRP Steering Committee to be held at the Ramada Resort on 20 September 2024.

Partners invited as **Observers;**

- a. Head of Delegation from CROP Agencies
- b. Head of Delegation from UN and EW4ALL Lead agencies
- c. Head of Delegation Regional and International Donor agencies
- d. Representative from WMO Members