



Weather Ready Pacific Decadal Programme of Investment

A Pacific Leaders Endorsed Programme

ICAO Asia and Pacific (APAC) Workshop:
Supporting State Implementation of
Meteorological Services, to be held in Nadi, Fiji,
on **20 April 2026**



What Weather Ready will transform

1. Modernize observational infrastructure (Radars etc)
2. Integrated Forecasting Systems
3. Last mile Early warning dissemination
4. Capacity & Training (establish Pacific Centers of Excellence)
5. **Long Term Financing & Sustainability (Sustainable financing mechanisms for maintenance and capacity building)**

WRP transforms how the Pacific observes, predicts, communicates, and sustains early warning—saving lives, protecting economies, and securing the future





PACIFIC
METEOROLOGICAL
COUNCIL

Weather Ready Pacific



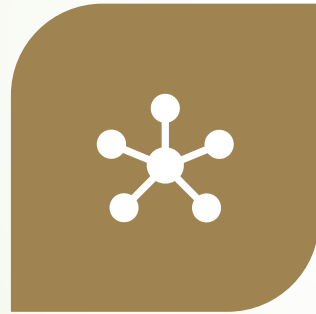
Weather Ready Pacific
XXXXXXXXXXXX



4 Key Weather Ready Pacific Principles



PACIFIC LEAD



**COORDINATION/
COLLABORATION**



TRANSFORMATIONAL



SUSTAINABLE



Weather Ready Pacific Investment Plan

**TOTAL AMOUNT TO
2033 – USD 190M**

Revised Costing anticipated to
2033 – USD300m

| Key Result Area (KRA) | Inception Phase Indicative USD m | Phase 1 Indicative Cost 2024 – 2029 USD m | Overall Indicative Cost 2024 - 2033 USD m | Work Plan Funding 2024-2029 USD m |
|--|--|--|--|--|
| KRA 1: Governance, Management and Coordination | 2.34 | 10.15 | 20.31 | 8.06 |
| KRA 2: People Capability | 0.33 | 5.48 | 20.64 | 3.08 |
| KRA 3: Observing Network Infrastructure | 3.55 | 9.88 | 89.16 | 10.50 |
| KRA 4: Forecasts and warning production | 0.30 | 9.00 | 45.76 | 5.54 |
| KRA 5: Communication and delivery of forecasts and warnings to end-users | 0.86 | 2.56 | 9.52 | 0.63 |
| KRA 6: Hazard Risk Information and Hazard Preparedness (<i>new</i>) | Weather Ready Investment plan under review to align to EW4ALL | | | |
| Contingency & other | 0.33 | 3.00 | 5.56 | 0.75 |
| TOTAL | 7.71 | 40.07 | 190.95 | 28.61 |

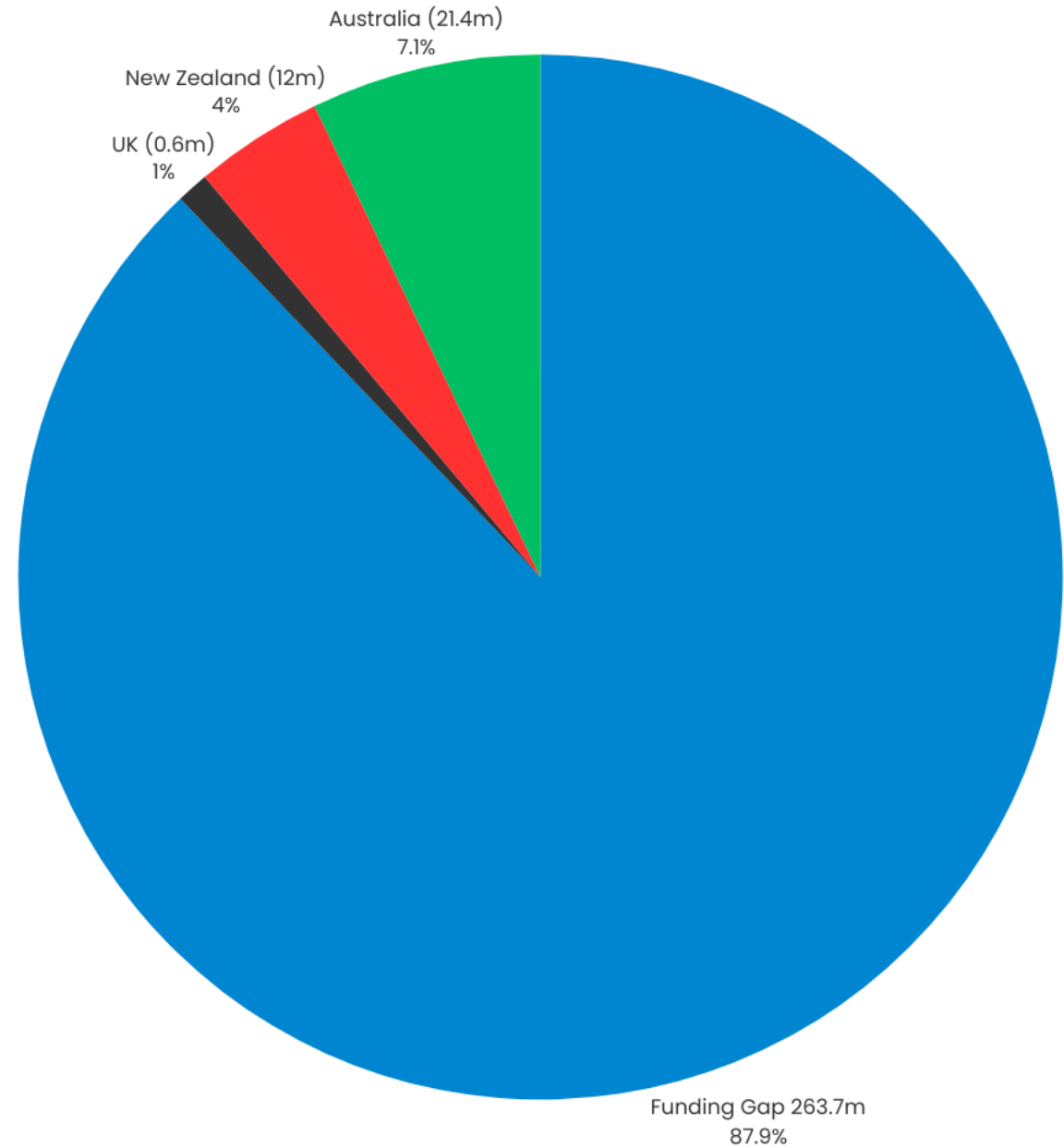
Resource Mobilisation to Date



Investment gap of over US\$200m

GCF investment under One Pacific or RPACA will focus specifically on EWS but not the other activity areas of WRP

Only mobilised around US\$36m to date



140°E

150°E

160°E

170°E

180°

170°W

160°W

150°W

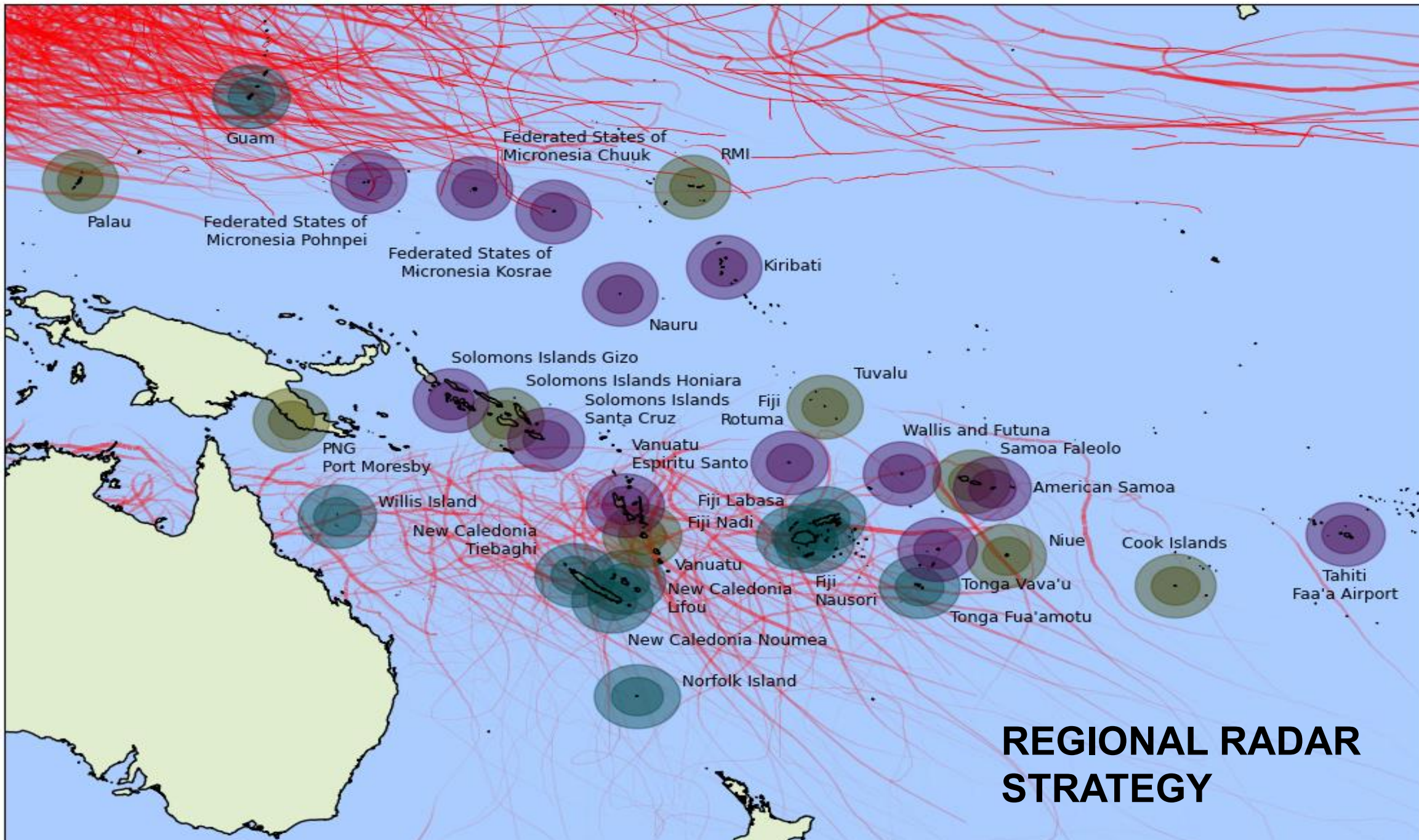
10°N

0°

10°S

20°S

30°S

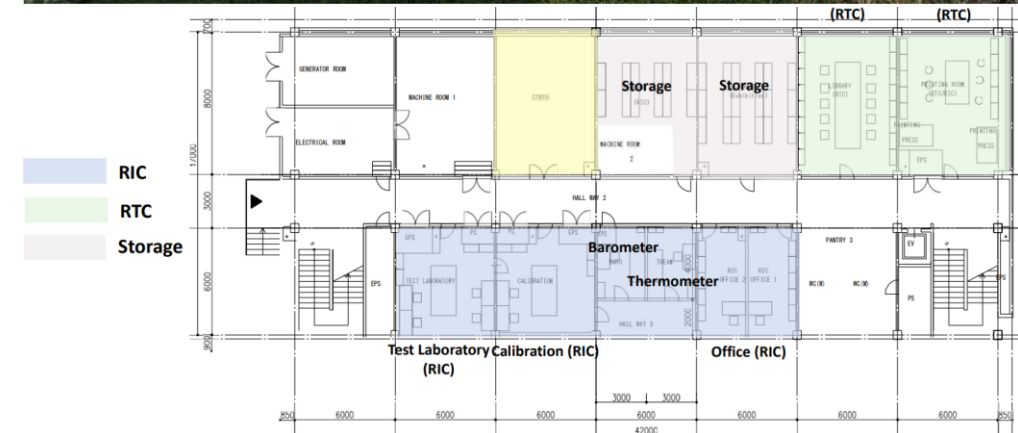


REGIONAL RADAR STRATEGY



Ensuring Long-Term Sustainability of Assets & Capacity

1. Weather Ready Pacific sustainability benchmarks and checklist
2. Implementation of the Regional Asset Management Roadmap
3. Establish a sustainable Regional financing mechanism for maintenance.
4. Support the establishment of the Regional Training Centre and Regional implementation Instruments Centre in Nadi.
5. Regional Radar Strategy for standardization of procurement, maintenance, spare parts etc.



Design concept for the Nadi RIC and RTC supported by Government of Japan

Current Weather Ready Pacific asks from Donors and Investors

- For Donors to support the initial investors (Australia, NZ and UK) of Weather Ready Pacific to close funding gap of USD\$160M for the implementation of sustainable Early Warning Systems in the Pacific
- For all Early Warning funding to be coordinated and delivered through Weather Ready Pacific as the vehicle for implementing EW4ALL
- Support the establishment of a Revenue generating Sustainable Financing Mechanism for Early Warning Asset/Capacity maintenance (e.g. Trust fund, blended financing etc)



Weather Ready Pacific Workplan 2026

| Activity | | | 2026 | |
|--|----------|---|--|----------|
| KRA No. | Activity | Project Title | | |
| 1 | 1.1.1 | Establish the PMU, Operational Processes and WRP pooled fund | | |
| | | Branding and advertising | 20000 | |
| | | Revised WRP Investment plan and implementation plan aligned with EW4ALL | 54069.57 | |
| | | Communication Strategy | 25000 | |
| | | Resource Mobilisation Strategy | 50000 | |
| | | Environmental and Social Safeguard Framework | 25000 | |
| | 1.1.2 | Operational Phase of PMU and coordination activities | Pooled fund - Legal and financial framework around the WRP Investment Facility | 61273 |
| | | | Hosting of WRP Steering Group and Liaison Platform | 83807.83 |
| | | | Staff start up cost (IT, furniture) and communicating & promotion Office space and operational costs | 17620 |
| | 1.3.1 | GEDSI and social safeguards mainstreamed into WRP | PMU Travel and Workshops | 132608.7 |
| Operational budget for mainstreaming GEDSI into WRP implementation | | | 88529.04 | |
| | | Total | 557,908.1 | |

Weather Ready Pacific Workplan 2026

| KRA | Activity No. | Activity | Project Title | 2026 |
|-----|--------------|--|---|------------------|
| 2 | 2.1.1 | Establish and operate a Regional Training Centre (RTC) | Business model review for RTC and RIC | 73913.04 |
| | | | PIETR panel Training and capacity development roadmap development and implementation | 35000 |
| | 2.2.1 | Training of forecasters to BIP-M standard | Meteorologists Training | 180000 |
| | | | Meteorologists Training in 2024 | 63152.63 |
| | | | Development of bridging and/or support for BIP-M in collaboration with RTC, USP and PIETR. | 92973.75 |
| | 2.2.2 | Training on specialised forecasting services, and assessment of competencies (e.g. marine, aviation, hydrology/ hydrography) | Hydrologists Training | 30000 |
| | 2.2.3 | Training of observers, technicians and ICT specialists, and assessment of competencies | BIP MT Training | 147826.1 |
| | 2.2.4 | Establish and deliver a Pacific Meteorology Leadership Programme for mid and senior level staff | Liaison with regional institutions for the development of a Leadership Program for mid-level to senior staff level and deliver the course | 135173.9 |
| | 2.2.5 | Specialised regional workshops and training courses | Installation and training in the common alerting protocol and Regional workshop | 131136.1 |
| | | | ISO 9001 / QMS Training delivered at Fiji Met in partnership with Fiji National University | 54069.57 |
| | 2.2.6 | Provide additional staff for training and capacity development | Staff: Support to WRP PMU Human Resource | 93856.77 |
| | | | Staff: Technical Adviser Capability Training | 95236.17 |
| | | | Total | 1,132,338 |

Weather Ready Pacific Workplan 2026

| KRA | Activity No. | Activity | Project Title | 2026 |
|-------------|--|---|--|------------------|
| 3 | 3.1.1 | Implement observation network plans, asset management, standardised infrastructure, data management and maintenance practices | Upper Air network plan | 10000 |
| | | | Ocean and tides network plan | 20000 |
| | | | Flood and hydrology network plan | 20000 |
| | | | ICT Network plan | 10000 |
| | | | Geohazard network plan | 20000 |
| | | | Asset Management Information System Implementation (software & training) | 200000 |
| | | | Establish pacific Asset Management Capability, Plans and Lifecycle Cost Forecast | 200000 |
| | 3.1.2 | Provide asset management and maintenance staff to expand capacity (e.g. SPREP, SPC, NMHS) | Staff: Technical Adviser Infrastructure & ICT | 163262 |
| | 3.1.5 | Establish weather watch radars | FSM Radar | 0 |
| | | | Kiribati Radar | 0 |
| Samoa Radar | | | 1995000 | |
| 3.2.1 | Establish and operate a Regional Instrument Centre (RIC) | Training of FMS Staff to support ISO/IEC 17025 certification of RIC | 50504.35 | |
| | | | Total | 2,688,766 |

Weather Ready Pacific Workplan 2026

| KRA | Activity No. | Activity | Project Title | 2026 |
|--|--------------|---|--|-----------|
| 4 | 4.1.1 | Develop an Integrated Forecasting Platform and strengthen RSMCs (incl WIS, CAP) | Technical partners Integrated Forecast System Workshop | 26956.52 |
| | | | IFP Implementation and Roll Out - Progressively by country | 750000 |
| | | | IFP Design and ICT Architecture | 75000 |
| | | | AI-ML Weather Models | 20000 |
| | | | Peer review of IFP | 30000 |
| | 4.2.1 | Strengthen aviation forecasting | Aviation industry workshop | 30000 |
| | 4.2.4 | Strengthen coastal inundation forecasting | Complete Lidar surveys for the Marshall Islands | 757530.46 |
| | | | Develop Lidar strategy for the Pacific | 12396.5 |
| | 4.2.5 | Strengthen hydrological services and riverine flood forecasting | Development of a regional strategy for hydrology | 92973.75 |
| | 4.2.6 | Provide additional ICT and other technical staff to expand capacity | Hiring ICT staff for Pacific Island Country NMHSs | 170000 |
| Secondment of ICT Specialist to progress IFP, KRA 2 and 3. | | | 216938.75 | |
| | | Total | 2,181,795.98 | |

Weather Ready Pacific Workplan 2026

| KRA | Activity No. | Activity | Project Title | 2026 |
|-----|--------------|---|--|----------|
| 5 | 5.1.4 | Inclusive Community Education and Information-Exchange collectives | Translation and printing of COPE books | 107587.4 |
| | | | | 86956.52 |
| | 5.1.6 | Install communication internet access equipment and operational costs | Plan for roll out of satellite communication, capacity development with the community, with units for selected countries | 140931.1 |
| | | | MHEWS Readiness Fund (flexi-fund) | 150000 |
| | | | Programme Management Fees | 1028724 |
| | | | Programme Management Fees | 108929.9 |
| | | | Programme Management Fees | 23533.97 |
| | | Total | 1,646,663 | |

Total Workplan 2026 -

Weather Ready Pacific Workplan 2026

| Key Result Area | Budget in USD |
|--|---------------------|
| KRA1- PMU and Coordination | 557,908.00 |
| KRA2- People Capability | 2,132,338.00 |
| KRA3- Observing Network Infrastructure | 2,688,766.00 |
| KRA4- Forecasts & Warnings | 2,181,795.98 |
| KRA5- Communications and Service Delivery | 1,646,663.00 |
| KRA6- Hazard Risk information and Hazard preparedness | Under construction |
| TOTAL | 9,207,470.98 |