

EIGHTH MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL

PMC-8

Nuku'alofa, Tonga • 10, 11, 14 September 2026

Eighth Meeting of the Pacific Meteorological Council (PMC-8)

Weather Ready for a Secured and Sustainable Pacific

10, 11, 14 September 2026 | Nuku'alofa, Tonga

Agenda 24.6 Pacific Indonesia Finland Project (PACIDFIN)

PACIDFIN: Expanding the cooperation between the Finnish Meteorological Institute and the Pacific Small Island Developing States weather services and the Agency for Meteorology, Climatology, and Geophysics of the Republic of Indonesia

Purpose:

The purpose of this document is to introduce the newly approved project, funded by the Ministry for Foreign Affairs of Finland, for the Pacific SIDS and Indonesia. The project aims to consolidate ongoing efforts to strengthen institutional capacities and meteorological services across the region. PACIDFIN project budget is 2 100 000 USD for the Pacific SIDS.

- The proposed impact of the project is:

Pacific SIDS and Indonesian society are better prepared to manage risks through improved access to reliable weather, climate, and air quality hazard services across the region.

- The proposed outcome of the project is:

Pacific: Strengthened delivery and use of sustainable weather, climate, environmental, and early warning services for disaster risk reduction in the Pacific SIDS impacts.

Indonesia: Strengthened operational air quality and greenhouse gas monitoring and information services in Indonesia.

Objectives:

The project aims to consolidate ongoing efforts to strengthen institutional capacities and meteorological services across the region.

Background:

Relevance of the Project

PACIDFIN project activities will support and align with the Weather Ready Pacific program (WRP) (2024-2033)

- KRA 1 Management and Coordination: overseeing governance, stakeholder engagement, alignment with other initiatives.
- KRA 2: Production of Forecasts and Warnings: improving forecasting capabilities for weather, climate, water and ocean hazards.
- KRA 3 Communication and Delivery of Forecasts/Warnings to End-Users: ensuring warnings reach the right people, in the right way, and lead to action.

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- KRA 4 Infrastructure: upgrading observational networks, monitoring equipment, data systems and maintenance strategies.
- KRA 5 Capacity and Training: building skills, institutional capacity, and sustaining the services over the long term

The focus of the project will be the KRA1, KRA2, KRA5

PACIDFIN expected outputs

Output 1: Strengthen the Forecasting and Early Warning Capacities in the Pacific SIDS and Indonesia

- **Activity 1.1:** Implementation and training on new tools to support automated forecast production, data integration, and dissemination for the Pacific SIDS.
- **Activity 1.2:** Provide training on product development, communication, and integration with national and regional platforms in the Pacific SIDS.
- **Activity 1.3:** Strengthen regional modelling and forecasting capacities, including interpretation, validation, and operational use of high-resolution models.
- **Activity 1.4:** Support in Impact Based Forecasting by developing risk mapping tailored to different sectors and their specific needs.

Output 2: Enhance capacities on observation and remote sensing systems in the Pacific SIDS

- **Activity 2.1:** Training the experts to utilise remote sensing weather data more efficiently for weather forecasts and early warnings.
- **Activity 2.2:** Building expertise on weather satellite products and tools for weather forecasting and monitoring weather hazards.
- **Activity 2.3:** Support in observation system operation and maintenance procedures and programmes.

Output 3: Increase BMKG capacities on air quality and greenhouse

- **Activity 3.1:** Conduct applied studies and strengthen monitoring systems to understand better the sources and impacts of air pollution in Jakarta.
- **Activity 3.2:** Training on Greenhouse gas emissions using different methodologies

Recommendations:

The Meeting is invited to:

1. Decision on the PMC Chair signing the ToR between FMI and the Pacific SIDS on behalf of the Pacific SIDS NMHSs.
2. Approval of the PACIDFIN Project Board Representatives: Representatives from FMI, SPREP, the beneficiary institutions (PMC Chair and Vice-Chair), and the WMO South-West Pacific Regional Office.
 - The Project Board will convene twice a year, virtually and, whenever possible, also physically.
 - Monitor project implementation and support the cooperating agencies in carrying out the planned activities.
 - Approve annual work plans and the final project report.
 - Decide on the utilisation of contingency funds, up to a maximum of 15% of the project budget.