

# PacMOSSI consortium: updates

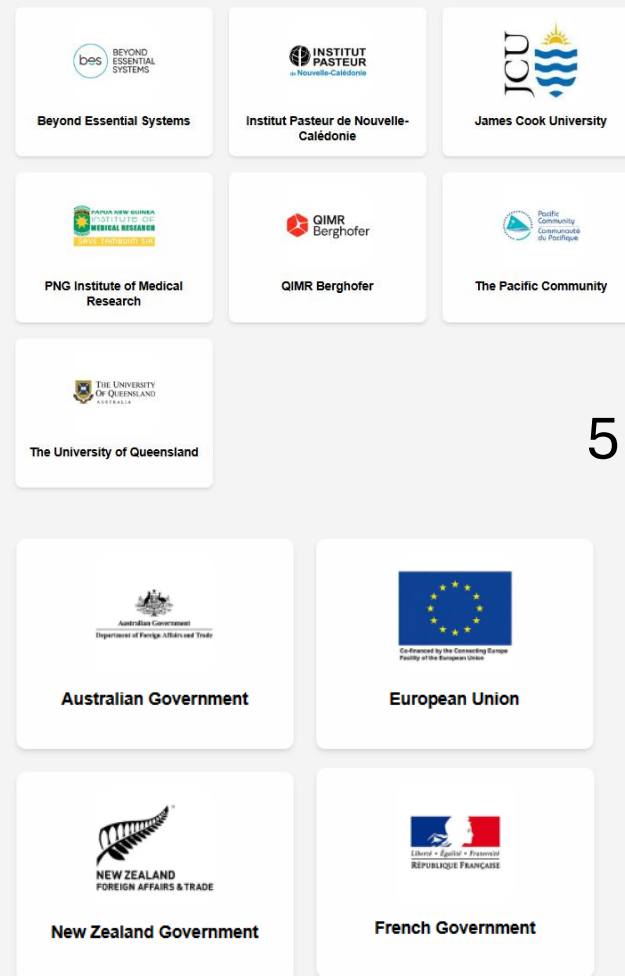
**Tessa B. Knox**

on behalf of PacMOSSI consortium  
led by James Cook University

# Overview of PacMOSSI consortium



21  
PICs



7 Core  
Partners

5 Consultants

4 Funders

<https://pacmossi.org/consortium/>

# Key activities

## How does PacMOSSI support Pacific Island countries?

01

### Situation reviews

Tracks mosquito surveillance  
& control capacity, gaps &  
needs

[Learn More](#)

02

### Strategic planning

Updates plans based on  
changing situations, priorities  
& best-practices

[Learn More](#)

03

### Trainings

Provides an [online course](#),  
[practical workshops](#) &  
[mentoring](#)

[Learn More](#)

04

### Technical guidance

Devises a range of resources  
tailored to Pacific needs &  
contexts

[Learn More](#)

05

### Equipment & supplies

Allocates items for mosquito  
surveillance & control

[Learn More](#)

06

### Operations research

Offers small grants to enable  
local data-driven decisions

[Learn More](#)

07

### Citizen science

Promotes public participation  
in science to improve  
knowledge

[Learn More](#)

08

### Data management

Establishes online systems to  
manage, analyse & integrate  
mosquito data

[Learn More](#)

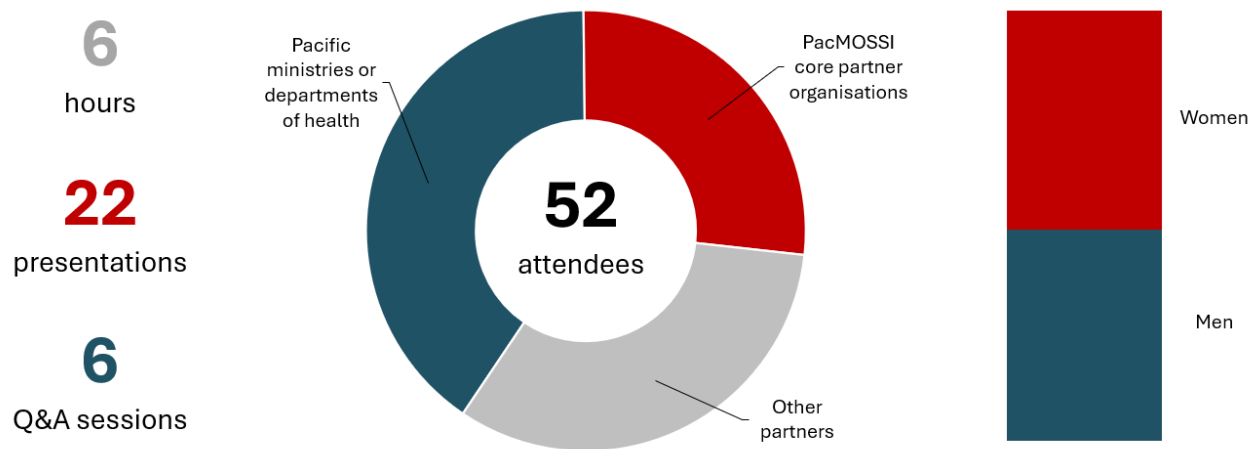
<https://pacmossi.org/>



# 2025 Annual meeting



- **Where & When?** Online, 13-14 May 2025
- **What?** Reviewed situation of mosquito-borne diseases in PICs and country experiences with vector surveillance and control & outlined PacMOSSI progress and support.
- **Outputs?** Presentations, session videos, meeting report



<https://pacmossi.org/event/pacmossi-2025-annual-meeting/>



# Online course

- > 600 enrollees (>350 from the Pacific)
- Evaluation with 146 respondents provided generally very positive feedback and helpful suggestions
  - Expand and diversify course content
  - Create supplementary reading materials
  - Integrate synchronous learning opportunities
  - Improve Statements of completion
  - Improve accessibility and learner support
  - Strengthen collaborations with universities and regional health bodies to integrate content
  - Monitor and communicate the impact of the training
- 2 new modules & guides under development
  - Vector control program & activity management
  - Operational vector control



# Practical workshops



## 2024

- **Where & When?** Suva, Fiji, 25–29 Nov
- **What?** Short course: *Aedes* insecticide resistance monitoring
- **Who?** 16 participants from 11 PICs and 4 facilitators
- **Outputs?** Presentations, participant handbook, course report

<https://pacmossi.org/event/pacmossi-hands-on-training-for-aedes-vector-insecticide-resistance-monitoring/>

## 2025

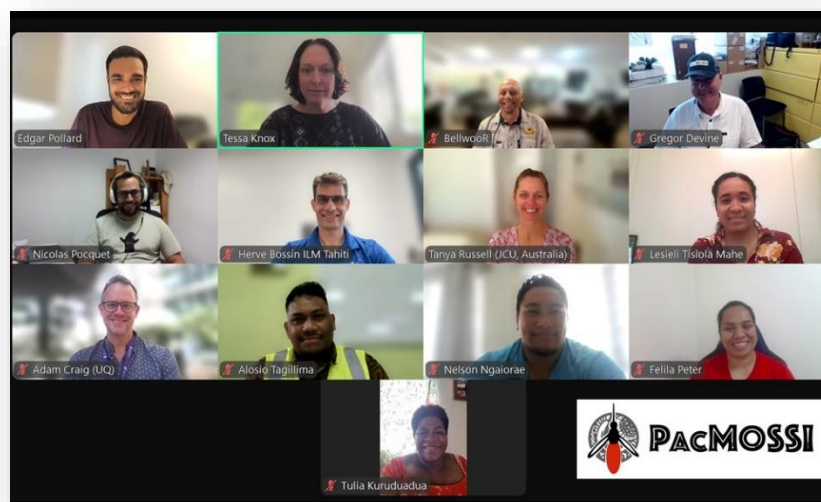
- **Where & When?** Honiara, Solomon Islands, 10–14 Nov
- **What?** Short course: *Aedes* surveillance for action: immature & adult surveys
- **Who?** Nominees from 21 PICs
- **Expected outputs?** Surveillance plans, participant handbook, course report



# Mentoring program



- Phase 1 launched October 2024
  - 5 mentees selected and coupled with 5 mentors
  - Monthly thematic activities over 12 months
  - Quarterly focus meetings, including on topics such as GEDSI
- New round to commence in 2026

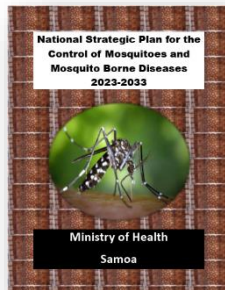


<https://pacmossi.org/mentoring-program/>



# Strategic planning

- 15 countries supported to draft vector surveillance & control strategies
- Gender Equality, Disability & Social Inclusion survey done and strategy developed



Samoa



Vanuatu

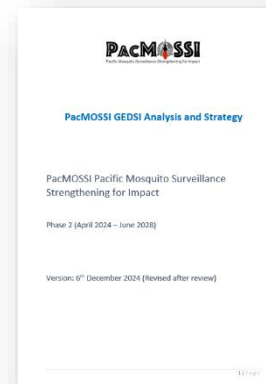


Tonga

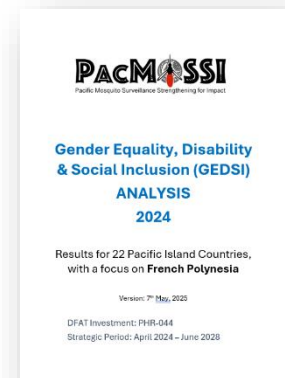


Fiji

Country strategies  
completed (4)



GEDSI analysis &  
strategy completed



Country reports  
provided (8)





# In-country & remote technical support

- Based on request and assessment
- Increased support to outbreak response, including remote guidance
- Kiribati, Samoa, Niue, Tonga, Nauru



# Technical guidance

- Insecticide resistance training package (manual, slides, SOPs)
- Identification key for adult *Aedes* in the Pacific
- Evaluation of *Aedes* sampling methods in 6 PICs
- Other guidance under development



Dengue  
outbreak  
toolkit

Program  
management  
manual  
(for online  
course)

<https://pacmossi.org/technical-guidance/>



# PacMOSSI and PVN



- **Collaborate:** Training and mentoring opportunities (online, in-person)
- **Coordinate:** Technical support to countries
- **Share:** Technical guidance and tools, information, expertise, experience
- **Prioritise:** Key areas for support within respective scope of work

CONTACT US

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# Thank you

to PVN Secretariat,  
members and all partners

