

Enhancing the management of antimicrobial resistance in Fiji



Key details

Location

Fiji

Duration

Start Jan 2020

End Jun 2027

Budget

AUD 4,660,747

Commissioned organisation

[CSIRO](#)

Partners

CSIRO; Fiji Ministry of Health and Medical Services; Fiji National University; Scientific Research Organisation of Samoa; University of South Australia; University of Technology Sydney

Project Leader

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Program

[Livestock Systems](#)

Project code

LS/2019/119




Overview

This project aims to enhance the integrated management of antimicrobial resistance through existing national structures, resulting in sustainability and improved health outcomes in Fiji.

Antimicrobial resistance (AMR) is recognised as the most urgent emerging threat to human and animal health today. The consequence is the evolution of ‘superbugs’ that do not respond to standard treatments and therefore cause infections that cannot be treated or contained.

This project is the first attempt in the region to cost AMR control options according to risk frameworks and in doing so aims to generate a greater

understanding of the magnitude of AMR in Fiji. This is an example of a One Health approach which has an added benefit of simultaneously strengthening human and animal health systems, saving costs while improving health outcomes.

This project is part of the [Research for One Health Systems Strengthening Program](#)  co-funded with DFAT addressing zoonoses, antimicrobial resistance and systems strengthening within the Asia Pacific.

Expected project outcomes

- Developing a prototype of an integrated AMR surveillance system in Fiji.
- Developing laboratory capacity and appropriate diagnostic technologies for sustainable AMR surveillance and detection.
- Developing risk and socio-economic evaluation frameworks for assessing AMR.
- Recommending and influencing sustainable AMR management policies at the local, national and regional levels.



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