



Research for Development in the Pacific - how is CSIRO engaged?

CSIRO Global

November 2019

Australia's National Science Agency



About CSIRO

The **Commonwealth Scientific and Industrial Research Organisation (CSIRO)** has delivered solutions for the environment, business and society for over 100 years.

Globally our publications are
Top 1%
in 15 of 22 research fields

3,690
patents
Biggest patent holder in Australia

3000+
industry partners across
80+
countries

592
licenses
Most with Australian companies

150+
spin-out companies
worth
\$1bn
in market capitalisation

5000+
talented staff
65%
hold university degrees

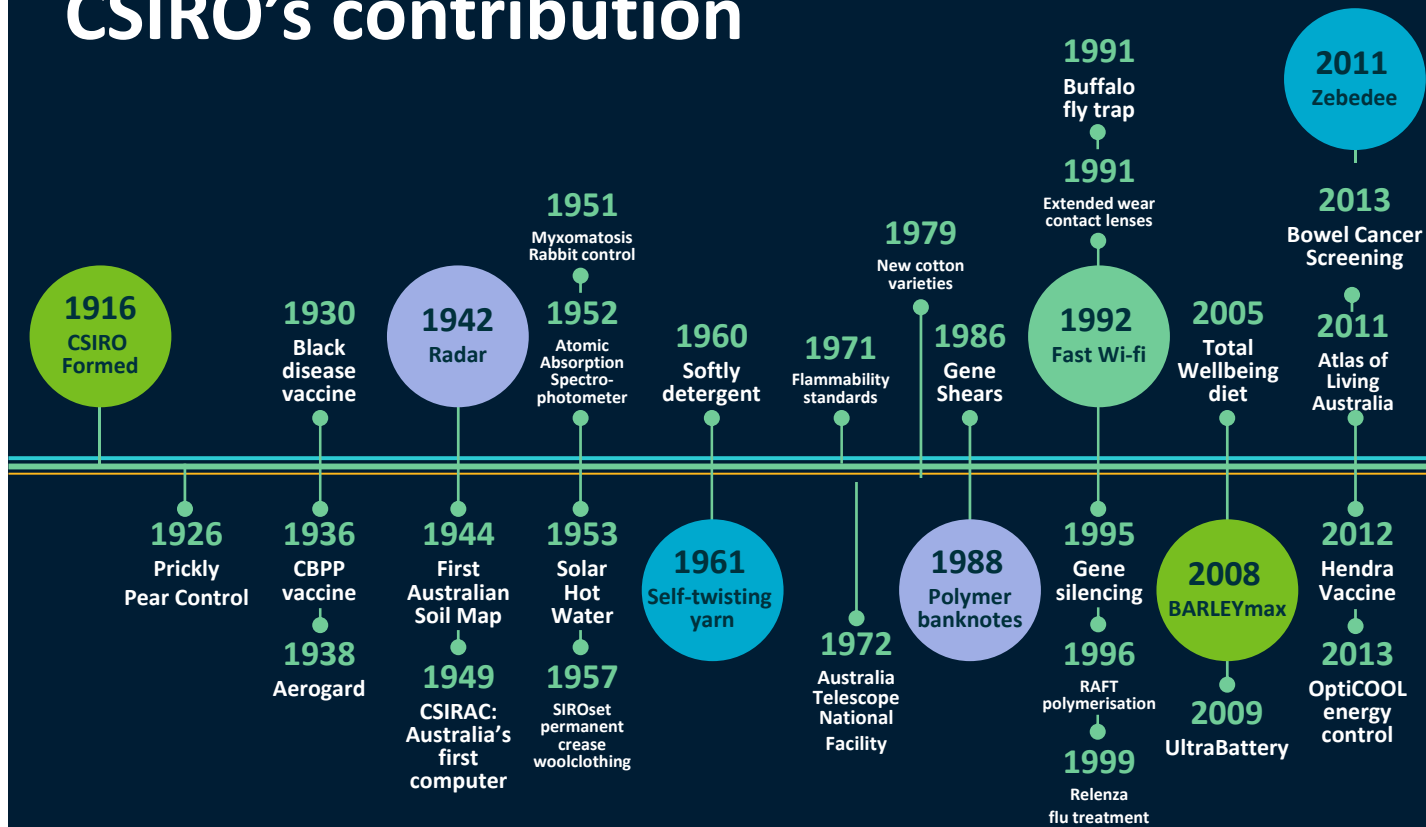
1,300+
schools benefit from our scientists in schools program

200,000+
people visit our public facilities and visitor centres

42,233
primary and secondary students took part in hands-on science education programs

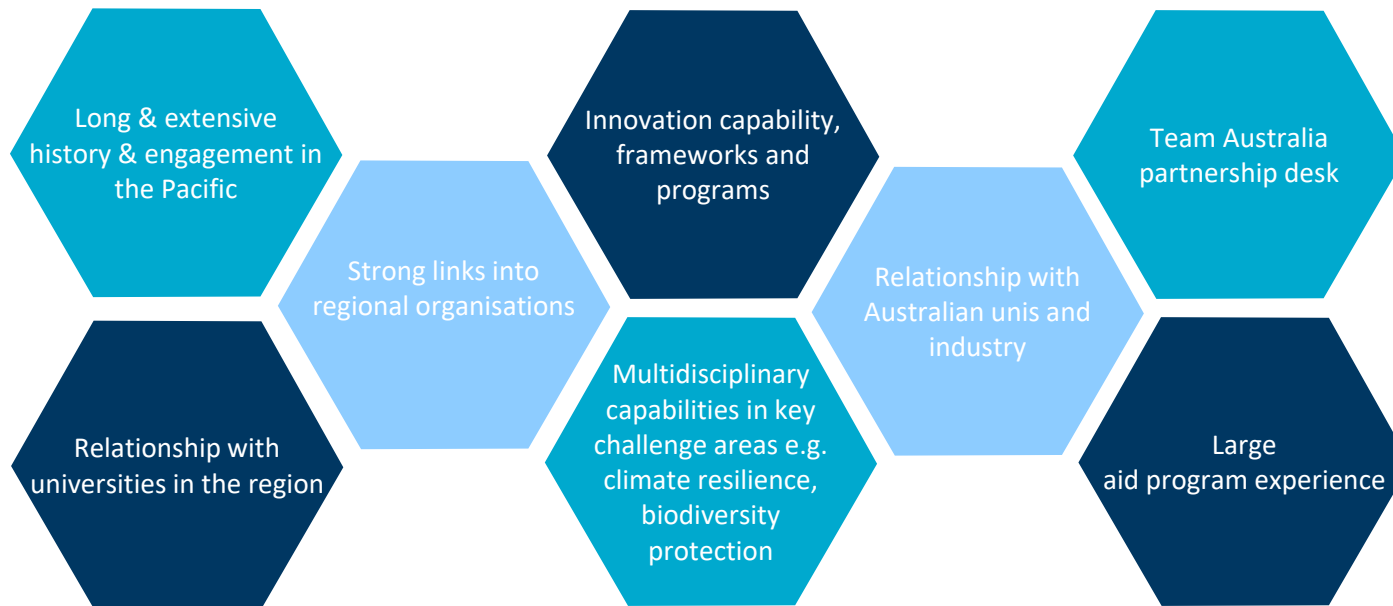
120M
in annual sales and over 300 jobs

CSIRO's contribution





CSIRO's Value Proposition for the Pacific

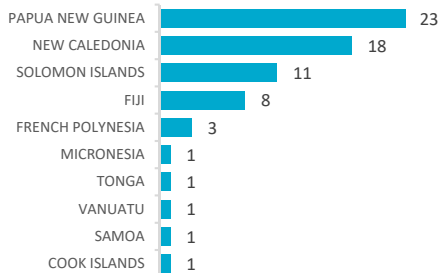




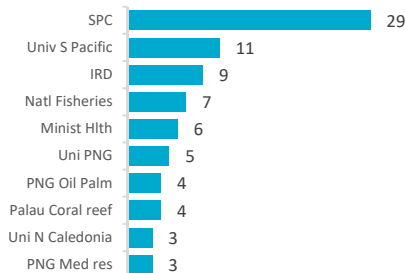
CSIRO- Pacific Key Collaboration Partners

Key partners in the Pacific

190 Joint Publications 2016 - 2018



Top Pacific partners 2013-2018

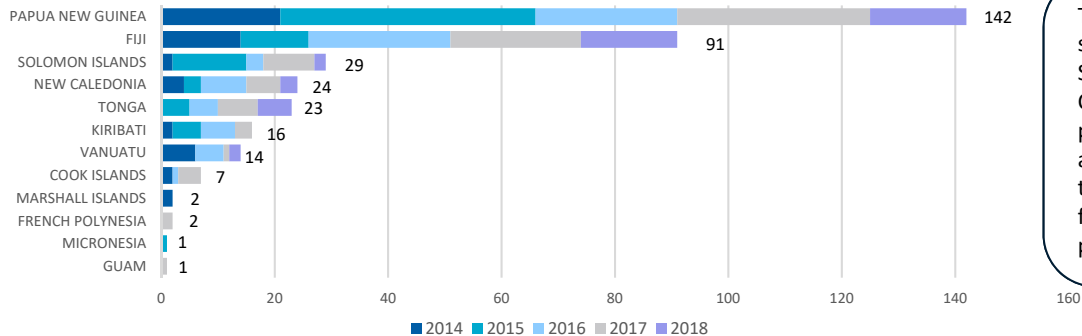


8 Collaboration Agreements

- **Ministry of Agriculture, Food and Fisheries - MOU (4)** Samoa, Tonga, Tuvalu & Kiribati - Soil management in Pacific Islands 2017-2021
- **Pacific Islands Forum Secretariat OPOC - Letter of understanding (1)** Pacific Islands bioregionalisation 2017-2020
- **Climate Science Centre – MoU (1)** Samoa - Green Climate Fund Readiness & Preparatory Support - Pacific/Vanuatu Climate Information Services (2016 -2021)
- **Pacific Region- Letter of Intent (1)** Disaster Management in the Pacific (2018-2023)

CSIRO Staff travel in the Pacific

352 Visits to Pacific Island countries and territories (2014-2018)



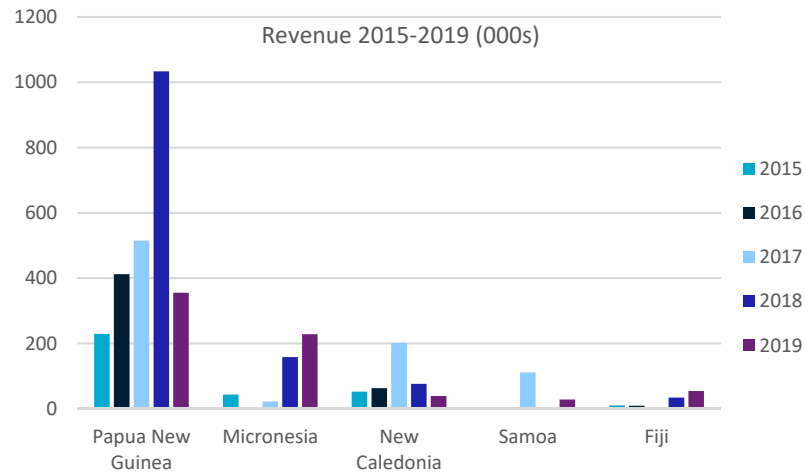
The Melanesian countries such as PNG, New Caledonia Solomon islands and Fiji are CSIROs top collaborative partners in the Pacific. This is also reflected within the staff travel data, however Tonga follows closely due to ongoing projects in the region.



CSIRO – Pacific Collaborators

CSIRO are involved with many environment-related projects in the Pacific region, particularly related to climate and adaptation. In addition to direct partnerships with Pacific nations, we are also working with French agencies to support French territories in the Pacific, and with regional bodies such as the Secretariat of the Pacific Community.

CSIRO-PICs Projects



Collaborators in the Pacific

New Zealand:

- Auckland University of Technology
- Victoria University of Wellington

France:

- Agence des Aires Marine Protégés
- L'Institut de recherche pour le développement (IRD)
- MeteoFrance

Vanuatu:

- Government of Vanuatu

Papua New Guinea:

- PNG Department of the Environment
- PNG National Museum and Art Gallery
- PNG Office of Climate Change and Development
- Secretariat of the Pacific Community

Top Australian Funding Partners



Australian Government
Department of Foreign Affairs and Trade





CSIRO in the Pacific

Applying science-based climate change data –
where it's needed most





CSIRO in the Pacific

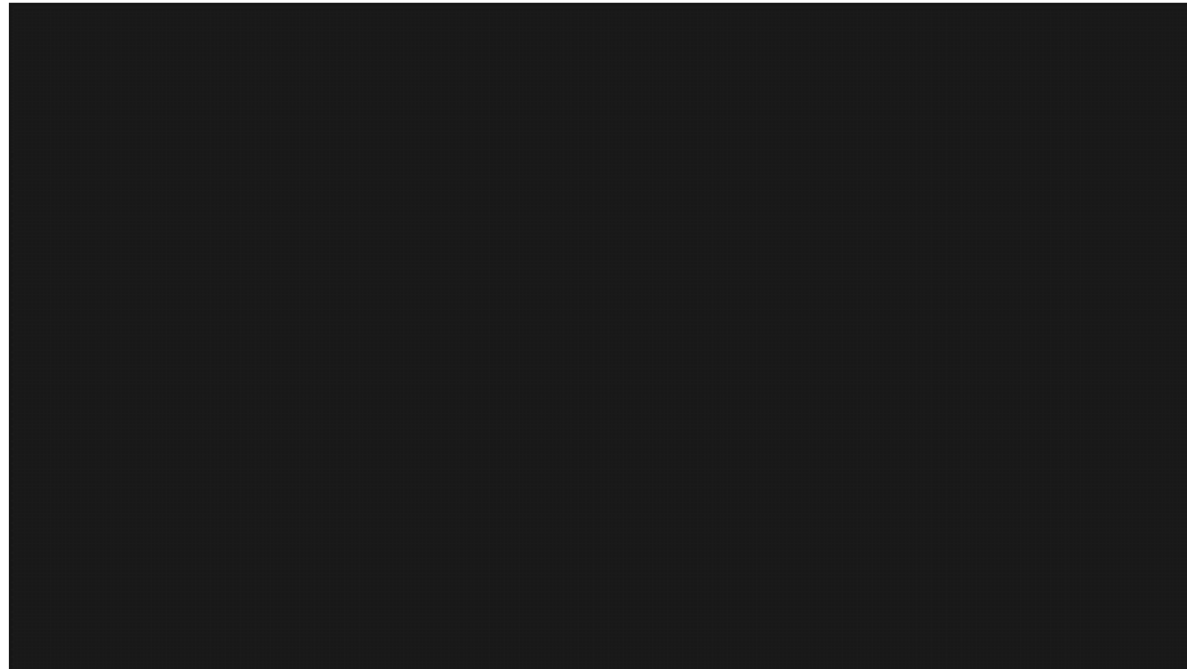
Capacity building for disaster resilience





CSIRO in the Pacific

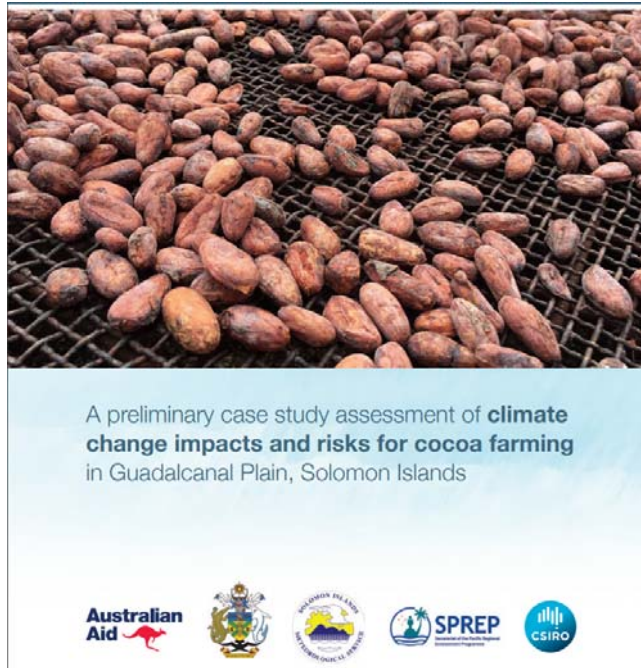
The Adventures of the Climate Crab!





CSIRO in the Pacific

Climate change industry impact assessment





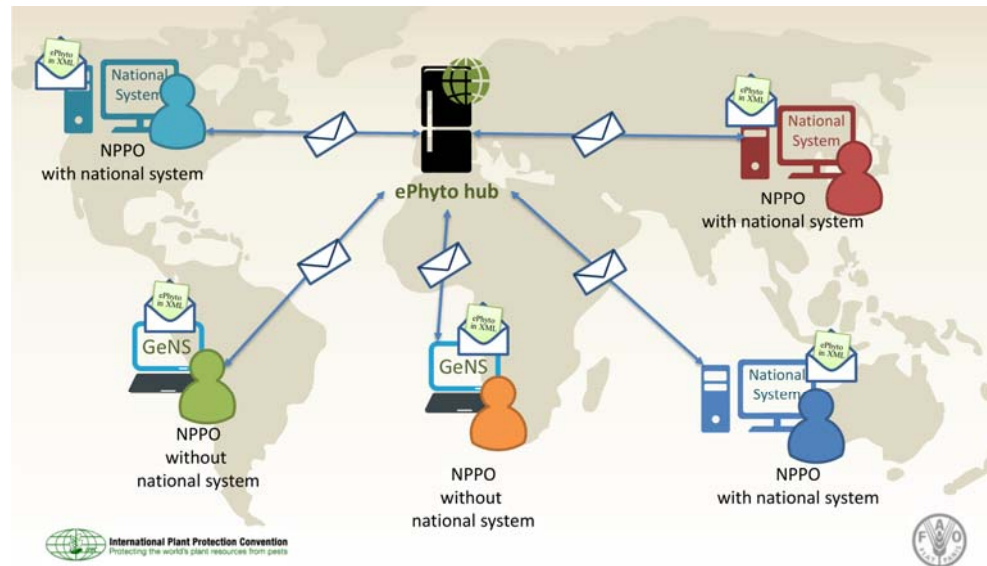
CSIRO in the Pacific

Supporting farmers with precision agriculture tools



 CSIRO in the Pacific

Improving market access with Blockchain technology





Solving the
greatest
challenges
through
innovative
science and
technology

Australia's National Science Agency

Amelia Fyfield
Director Indonesia
Amelia.Fyfield@csiro.au
+61 477 397 688