Better soil and land information for improving PNG's agricultural production and integrated land use planning – building a revitalised PNGRIS2

Key details

Location
Papua New Guinea

Duration

Start Oct 2022   **End** Aug 2026

Budget   AUD 2,800,002

Commissioned organisation
CSIRO

Partners
Coffee Industry Corporation; Commonwealth Scientific and Industrial Research Organisation (CSIRO); Department of Agriculture and Livestock; GrowPNG; National Agricultural Research Institute; Papua New Guinea Forest Research Institute; Papua New Guinea University of Technology

Project Leader
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Program   Soil and Land Management

Project code   SLAM/2019/106

Overview

This project aims to revitalise the Papua New Guinea Resource Information System (PNGRIS) to deliver improved soil and land data for step-change advancements to the country's integrated land use planning (LUP) capability.

It will focus on the development, and integration of the revitalised PNGRIS2 with an initial aim to demonstrate the value proposition of such a system to the PNG Government, the agriculture sector and international agencies working in PNG.

Case studies will be developed in the Morobe Province, a priority area for the PNG Government and one of the fastest growing provinces in the country (Bank of PNG), particularly around opportunities for further development of coffee, forestry, and other agricultural industries.

Success means the revitalised system is guided by, and dovetails with, Papua New Guinea's (PNG's) development policies and enabling strategies, is supported by all rural land use and planning sectors, is well-resourced after the life of the project, and has enduring impact to the country's development.

Expected project outcomes and activities

- The PNG Government and other stakeholders supporting and using the revitalised PNGRIS2 as an indispensable piece of national information infrastructure and centrepiece of the nation's integrated land use planning and management capability.

- A better understanding of soils at improved spatial and temporal scales.

- Capacity building through training delivered by CSIRO and other partners such as UniTech.

- Enabling innovation in the data and information systems area, including through new ways to capture, analyse and disseminate soil and land resource information that meets the needs of a range of users in PNG and overseas.