



# Project & Location Profile



Australian Government  
Australian Centre for  
International Agricultural Research

**PARDI**

# PARDI partners

PARDI is a partnership that involves The University of Queensland under the Queensland Alliance for Agriculture and Food Innovation (QAAFI), The University of the South Pacific, the Secretariat of the Pacific Community, University of Adelaide, James Cook University, The University of the Sunshine Coast, the Queensland Government's Department of Agriculture, Fisheries and Forestry (DAFF) and Southern Cross University.

## Core partners



## Collaborators leading PARDI projects



KOKO SIGA FIJI



The above list of partners and collaborators does not represent the totality of organisations that contribute to PARDI. Each individual PARDI project is part of a larger network of collaborators.

# about PARDI

PARDI — ‘Pacific Agribusiness Research for Development Initiative’ — commenced in February 2010. The project is coordinated by The University of Queensland and funded by the Australian Centre for International Agricultural Research (ACIAR).

PARDI seeks to create sustainable livelihood development outcomes for the South Pacific islands cropping, fisheries and forestry sectors. Australian and local researchers undertake supply-chain and market-driven research to identify constraints that impede economic development in the region. Our research is aimed at achieving tangible solutions to help boost local security and wealth. PARDI goals are focused on helping to evolve new skills for locals, investigating new technologies and identifying promising product opportunities.

Individual projects within the PARDI research portfolio are organised under Cropping, Fisheries and Forestry and work is carried out across six South Pacific island countries.





# PARDI project list

## Cropping

### **PRA 2010.005 Developing commercial breadfruit production systems for the Pacific islands.**

Breadfruit is one of the most significant food security crops in the Pacific islands. This PARDI project is focused on helping the emerging breadfruit export industry by supporting the development of a plantation-based production. Fundamental to achieving this is identification of elite planting material and the development of techniques to support their mass propagation.

### **PRA 2011.01 Facilitating improved livelihoods for pacific cocoa producer networks through premium market access.**

High-value market opportunities exist for Pacific cocoa; however, in many instances these opportunities are not being realised. To help improve the commercial potential of this commodity, PARDI researchers are investigating how to enhance the overall quality and reputation of Pacific cocoa so that industry can reap the rewards of what has the potential to be a premium-quality product.

### **PRA 2011.03 Developing an integrated participatory guarantee scheme in the Pacific islands in support of sustainable production of high-value vegetable crops.**

Vegetable smallholders across the Pacific islands struggle to access high-value markets. The aim of this project is to assist smallholder farmers in Fiji and the Solomon Islands to improve product quality and uniformity of supply and boost their bargaining power by improving coordination between smallholders and other industry stakeholders.

### **PRA 2011.04 Developing a clean seed system for market-ready taro cultivars in Samoa.**

Taro plays an integral role in food security across the Pacific islands. In recent years taro leaf blight has caused significant damage to industry. This PARDI project is about assisting locals to reinvigorate their industry through the development and use of clean, disease-free planting material.

### **SRA 2010.01 Consumer perception and acceptance of new taro varieties in domestic and high potential export markets.**

This PARDI project links in with PARDI clean seed taro research and is the next step in the process to rebuild the Samoan taro industry. It focuses on understanding consumer demands in terms of quality, including preferred presentation and taste, so that plant breeders can better target 'consumer preferred' taro varieties for commercialisation.

### **SRA 2011.01 Does a whole of supply chain (WoSC) approach deliver market-driven opportunities to generate a sustainable cash economy to local communities in the Pacific?**

PARDI work is about improving the livelihoods of Pacific islands peoples. This study investigates whether or not these outcomes flow through to locals by investigating at the underlying social structures in the region and some of the effects of assistance through the PARDI project.

### **SRA 2011.06 Cocoa Value Chain Initiative: support supply chain capability and market transformation to improve smallholder integration in the Pacific cocoa sector.**

The Cocoa Value Chain Initiative is focussed on helping Pacific cocoa growers to access additional resources and support that could lead to important local commercial value-adding opportunities.

## Fisheries

### **PRA 2010.001 Supporting development of the cultured pearl industries in Fiji and Tonga.**

PARDI cultured pearl research is designed to assist industries in Fiji and Tonga to value-add this sought-after commodity and help improve livelihoods through improved competitiveness and higher market access.

### **PARDI 2010-002 Value-adding and supply chain development for fisheries products in Fiji, Samoa, and Tonga.**

New, value-added fisheries products from the Pacific islands have great potential for increased domestic and international sales. In this project, PARDI seeks to help industry identify and commercialise new products and assist with the development of appropriate storage and processing techniques.

### **PARDI 2010-004 Improving income of Pacific island fishers through better post-harvest processing of sea cucumber: scoping study.**

Sea cucumbers are in high demand across many markets. Pacific island fisheries have the potential to capitalise on this demand. The PARDI sea cucumber project is investigating post-handling harvesting knowledge, scoping postharvest handling problems and will also pinpoint future industry research and development requirements to boost industry capacity.

## Forestry

### **PRA 2010.003 Developing markets and products for the Pacific island and PNG canarium nut industry.**

In this project, PARDI is investigating ways to assist Pacific island canarium nut smallholders to commercialise this valuable commodity and enable locals to evolve a buoyant industry that provides livelihood benefits. Research is looking at mechanisms to achieve consistent product and other techniques to improve overall product quality.

### **PRA 2011.06 Development of a market mechanism for Teak and other high-value timber in the Western Province of the Solomon Islands.**

High-value timber could offer significant livelihood benefits to people of the Pacific islands. Through this research, PARDI is investigating how to enhance teak production by linking individual teak growers in their harvesting and marketing activities, including working towards Forest Stewardship Council (FSC) group certification.

### **PRA 2012.03 Improving processing and marketing to improve the Tamarind value chain in Vanuatu.**

Tamarind is widely grown and consumed in villages in Vanuatu. Demand for value-added tamarind products in Port Vila often exceeds supply. In this project, PARDI aims to develop the tamarind industry in Vanuatu by increasing the knowledge and capacity of farmers, processors, government and private sector stakeholders to enable them to take advantage of tamarind opportunities.

## contact information

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More information on a range of PARDI documents can be obtained by going to:  
[www.spc.int](http://www.spc.int)

