

# Improving the production and competitiveness of Australian and Philippines pig production through better health and disease control



## Key details

### Location

Philippines

### Duration

**Start** Jan 2015

**End** Jun 2019

### Budget

AUD 1,886,698

### Commissioned organisation

The University of Queensland

### Partners

Central Luzon State University; Department of Agriculture; Philippine Council for Agriculture; Aquatic and Natural Resources Research and Development; University of the Philippines at Los Banos

### Project Leader

Dr Pat Blackall, University of Queensland

### ACIAR Research Program Manager

Dr Anna Okello

### Program

Livestock Systems

### Project code

AH/2012/066

production more efficient and competitive through improved diagnosis, better health and enhanced disease control.

Pig production is a major food animal industry in both the Philippines and Australia, but there are differences between the countries. Most of the industry in the Philippines is based on smallholder farmers, which does not occur in Australia. Both countries' industries need to improve efficiency and competitiveness. This project addressed that need.

In the Philippines, the project took an ecohealth approach that encouraged participatory, stakeholder-driven cycles of action-based learning. This work also spread improved disease diagnostic services through the country. In Australia, the research focused on rapid, high technology diagnostic assays to allow industry to implement better targeted disease prevention and control programs.

## Project Outcomes

- Improving the diagnostic systems for respiratory disease in two selected Regions of the Philippines.
- Identifying, document and address constraints to the use of good disease prevention practices by smallholder pig farmers in Region 3
- Estimating the incidence and economic impact of two disease syndromes of importance to smallholder farmers.

## Overview

This project aimed to make Philippines and Australian pig

- Developing new diagnostic tests for, and undertake applied epidemiological research on, pig diseases important to Australia.
- Conducting an assessment of the adoption and emerging impacts of project outputs from AH/2009/022 and AH/2012/066.



**ACIAR**

