IC PROJECT REPORTING TEMPLATE AS PART OF THE STRATEGY AND PROCESS ON HOW THE IC REVIEWS AND ANALYSES ICD PROJECTS

Project Title: ASEAN Regional Diagnostics Network (ARDN)

Reporter (name, position): Dr Ian Naumann, Director Technical Capacity Building, Department of Agriculture, Water and the Environment (DAWE)

Project Code (if applicable): NA

1. Project Profile	
Recipient Region(s)/ Countries	ASEAN Member States (AMS) including Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, Viet Nam
Donor/ Resource Partner	ASEAN Australia New Zealand Free Trade Area (AANZFTA) Australia's Department of Foreign Affairs and Trade (DFAT)
Collaboration / Participating Organizations	ASEAN NPPOs; ASEANET, Malaysia; Department of Agriculture Malaysia; National Parks Board, Singapore; Department of Agriculture, Thailand; Department of Agriculture and Food, Brunei Darussalam; Ministry of Agriculture, Forestry and Fisheries, Cambodia; Ministry of Agriculture, Indonesia; Department of Agriculture, Lao PDR; Ministry of Agriculture, Livestock and Irrigation, Myanmar; Department of Agriculture, Philippines; Ministry of Agriculture and Rural Development, Viet Nam. New Zealand: Landcare Research New Zealand; Ministry of Primary Industries (MPI). Australia: CSIRO, Queensland Museum, University of Southern Queensland, DAWE
Project Budget (detailed funds and/or in-kind)	AUD 487,630 (current Phase)
Project Timing	2020-10 to 2023-06 (current Phase)

2. Summary of Project (Scope, Relevance to the IPPC, Main outputs, Success and challenges)

- This project addresses the need for AMS to develop credible pest lists for market access, robust assurance and certification systems, and justifiable phytosanitary measures – all based on capacity to identify plant pests reliably and consistent with accepted, scientific standards.
- This project contributes to the implementation of ISPMs 1, 2, 4, 6, 7, 8, 9, 10, 11, 12, 14, 15, 17, 18, 20, 23, 24, 26, 27, 28, 29, 30, 35, 36, 37. These align with IPPC guides to obtaining and maintaining

market access including IPPC guides: Market access, Surveillance, Export certification, Import verfiication and Plant diagnostics.

- The project commenced in 2010 and is now in its third Phase. Overall the project has delivered over 40 workshops and training activities, with over 300 participants in each of first and second phases of the project. Activities have targeted some 25 important groups of pests. It has provided training in the identification of pests associated with 10 of the 11 commodities for which pest lists and importation guidelines have been previously completed. The project has contributed to the development or validation of national pest lists for approximately 40 commodities.
- The current Phase of the project has seen the development of a diagnostic guide to fungi of economically important monocots (grasses). Additionally, material for the preparation of a diagnostic training workshop on mites of trade significance for the AMS is complete. Diagnostics of nematode pests is underway.
- The implementation of certain activities was delayed. This was attributed to the ongoing COVID-19 pandemic, where travel has been impacted, with some project partners unable to physically attend to laboratory and field activities as planned. There has been some inadequate internet connections for partner countries thereby affecting both AMS participants and Australian presenters in the delivery of some project objectives.

3. Project Supporting Materials *[e.g. hyperlinks]*

1. ASEAN Regional Diagnostic Network (ARDN) Project Overview
2. ASEANET – The ASEAN Network on Taxonomy

4. List project technical resources (i.e. guides, training materials, tools) that could be useful and used by other stakeholders

1. Diagnostic guide to fungi of economically important monocots (grasses) alongside peer-reviewed papers upon publication.
2. Access to fungal cultures deposited in the International Collection of Microorganisms from Plants (ICMP) and access to vouchered molecular sequences deposited in the GenBank database.
3. Training material and resources (specimens) for a workshop on mites of trade significance.
4. Compilation report of nematology diagnostic resources.
5. Compiled compendium of natural enemies of Fall armyworm.

5. Provide a list of project experts that could be recommended to other stakeholders and describe why

1. Dr Roger Shivas (University of Southern Queensland) and Dr Yu Pei Tan (Queensland Department of Agriculture): Peer-recognised specialists with demonstrated training skills in mycology diagnostics using morphological and molecular techniques and reference collection management.
2. Dr Zhi-Qiang Zhang (Landcare Research New Zealand); Dr Qinghai Fan (MPI, NZ); Dr Owen Seeman and Dr Jenny Beard (Queensland Museum): Peer-recognised specialists with demonstrated training skills in phytophagous (plant-feeding) and stored product mite diagnostics for the delivery of diagnostic training workshops on mites.
3. Dr Mike Hodda: Australia's leading nematology taxonomist with demonstrated training and

mentoring skills in nematode diagnostics.

4. Dr Adrian Dinsdale (DAWE): Peer-recognised specialists in virology and development of innovative molecular diagnostic methods, with access to reference collections and specialist laboratory facilities.

6. List targeted beneficiaries *[i.e. regions, countries, RPPOs, NPPOs and other institutions]*

1. The AMS participating organizations/institutions
2. The ASEAN NPPOs