



PROJECT NOTIFICATION

Reference No.: 691

Date of Issue	22 August 2025
Project Code	21-CP-40-SP-DMP-C
Title	Demonstration Farm on Innovative Agriculture
Timing	1 January 2022–31 August 2026
Hosting Country(ies)	Not Applicable
Venue City(ies)	Not Applicable
Modality	Face-to-face
Implementing Organization(s)	APO Secretariat and Commission for Standards, Metrology and Quality, Vietnam
Participating Country(ies)	Vietnam (A dissemination workshop involving all member countries is scheduled as part of this demonstration farm project. The details will be announced in the Project Implementation Plan after confirmation.)
Overseas Participants	Not Applicable
Local Participants	Not Applicable
Closing Date	Not Applicable
Remarks	This PN supersedes the one issued on 20 August 2024 (Ref. No.: 449). Following progress in project implementation and a second one-year, no-cost extension granted by the Government of Japan, updates have been made to the sections on Timing, Implementing Organization(s), and Background.

Objectives	Establish a demonstration farm on innovative agriculture using smart technology applications in a selected member economy to promote agricultural productivity and competitiveness; showcase gains and successes resulting from the establishment of the demonstration farm to other members; and promote agricultural transformation through the adoption of smart technology applications.
Rationale	Agriculture plays a vital role in food supply and regional economies in APO members, and its development is crucial for food security and sustainable development. Presently, however, the agriculture sector worldwide is facing tough challenges that include intensifying climate change and global warming which are affecting crop growth cycles as well as diminishing workforces due to migration of rural working populations into urban areas. The COVID-19 pandemic exacerbated the pressure on the agriculture sector, especially the requirements to restrict movements and human contact.
Background	<p>Under a special cash grant from the Ministry of Agriculture, Forestry and Fisheries of Japan (MAFF), the APO initiated a demonstration farm project focused on establishing an innovative, technology-driven farm. This facility will function as a practical laboratory, enabling APO members to observe the deployment of these technologies firsthand, analyze the outcomes, and derive actionable insights for adaptation and replication.</p> <p>Based on the original PN issued in January 2022, a model company in Vietnam was selected for the project following the recommendation of a joint selection committee composed of MAFF of Japan, an external technical expert, and the APO Secretariat. This selection was made from proposals submitted by Cambodia, Malaysia, Lao PDR, and Vietnam. This project aims to demonstrate microclimate control systems used by Japanese greenhouses and help farmers in Vietnam utilize the systems. This has already promoted yield and labor productivity in the demonstration farm in Vietnam.</p> <p>Given the disruptions caused by the COVID-19 pandemic during the initial phase of project implementation, last year MAFF approved a one-year, no-cost extension of the program, from 1 September 2024 to 31 August 2025. Although some of the remaining activities were executed, a workshop to disseminate findings to other APO members remains to be implemented due to some logistic issues. Therefore, MAFF approved a second one-year, no-cost extension of the program, extending it from 1 September 2025 to 31 August 2026.</p>
Topics	Introducing microclimate control systems in Japan to the demonstration farm; reviewing the diagnosis and progress and recommending ways to resolve problems or administrative bottlenecks faced; and evaluating the results of the demonstration project and leading dissemination activities such as locally organized activities and a workshop for participants from other members.
Outcome	Enhanced understanding of innovative agriculture technologies and systems for demonstration farms and dissemination to other member economies.
Qualifications	Not Applicable

Please refer to the implementation procedures circulated with this document for further details.

A handwritten signature in black ink, appearing to be 'Indra Pradana Singawinata', written in a cursive style.

Dr. Indra Pradana Singawinata
Secretary-General