



## PROJECT NOTIFICATION

Reference No.: 449

<b>Date of Issue</b>	20 August 2024
<b>Project Code</b>	21-CP-40-SP-DMP-C
<b>Title</b>	Demonstration Farm on Innovative Agriculture
<b>Timing</b>	1 January 2022–31 August 2025
<b>Hosting Country(ies)</b>	Not Applicable
<b>Venue City(ies)</b>	Not Applicable
<b>Modality</b>	Face-to-face
<b>Implementing Organization(s)</b>	APO Secretariat and Vietnam National Productivity Institute
<b>Participating Country(ies)</b>	Vietnam
<b>Overseas Participants</b>	Not Applicable
<b>Local Participants</b>	Not Applicable
<b>Closing Date</b>	Not Applicable
<b>Remarks</b>	<p>This PN supersedes the one issued on 24 January 2022 (Ref. No.: 21-CP-40-SP-DMP-C-PN2200006-002). Following progress in project implementation and a no-cost extension granted by the Government of Japan, updates have been made to the sections on Timing, Modality, Implementing Organization(s), and Participating Country (ies). The Objectives and Background sections have also been revised. Additionally, new sections on Rationale, Topics, Outcome, and Qualifications have been introduced, incorporating relevant information in line with the PN template adopted in 2023.</p>

<b>Objectives</b>	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.
<b>Rationale</b>	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.
<b>Background</b>	<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 the 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 will promote labor productivity and sustainability in vegetable production in Vietnam.</p> <p>Given the disruptions caused by the COVID-19 pandemic during the initial phase of project implementation, the MAFF approved a one-year, no-cost extension for the program, extending it from 1 September 2024 to 31 August 2025. During this extended period, several remaining activities will be executed, including the second study mission to Japan, the installation of additional equipment at the demonstration farm, and a workshop to disseminate findings to other APO members.</p>
<b>Topics</b>	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.
<b>Outcome</b>	Enhanced understanding of innovative agriculture technologies and systems for demonstration farms and dissemination to other member economies.
<b>Qualifications</b>	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