



PROJECT IMPLEMENTATION PLAN

Reference No.: 720

Date of Issue	23 October 2025
Project Code	21-CP-40-SP-DMP-C-VN03
Title	Conference on Improvement of Productivity in Greenhouse Vegetable Production
Timing	14 January 2026–15 January 2026
Hosting Country(ies)	Vietnam
Venue City(ies)	Da Lat
Modality	Hybrid
Implementing Organization(s)	Commission for Standards, Metrology and Quality, Vietnam and APO Secretariat
Participating Country(ies)	All Member Countries
Overseas Participants	19
Local Participants	60
Closing Date	13 November 2025
Remarks	As indicated above, overseas and local participants will attend in person. The Day 1 session will be conducted in hybrid mode, enabling local participants who cannot be onsite to join as observers online.

Objectives	Showcase productivity gains and best practices resulting from the demonstration project on Improvement of Productivity in Greenhouse Vegetable Production, discuss issues and challenges in applying digital transformation in agriculture, 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. 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 the migration of rural working populations into urban areas. Innovative technologies have high potential to resolve these issues.
Background	With the support of a special cash grant from the Government of Japan, the APO initiated a demonstration farm project in October 2022 on Improvement of Productivity in Greenhouse Vegetable Production. This project aims to showcase microclimate control systems used by Japanese greenhouses and help farmers in Vietnam utilize the systems. It is expected to enhance labor productivity and sustainability in vegetable production in Vietnam. Garden Mountain (GM) was selected as a demonstration company under the project. Using a similar system operated by companies in Japan, GM has achieved some remarkable results in raising labor productivity, process efficiency, and sustainability. To share the results and disseminate the knowledge to other members, this conference is conducted to help participants understand the mechanisms of control and microclimate data collection and benefits of using them. It will also demonstrate the achievements of GM so that other members understand the benefits of digital transformation and adopt the systems in their contexts.
Topics	Overview of the Japanese Ministry of Agriculture, Forestry and Fisheries Special Cash Grant Program; Evaluating the results of the demonstration project on Greenhouse Vegetable Production; Impact of digital applications on productivity and sustainability in agriculture; and Sharing experiences from Vietnam in innovative agriculture.
Outcome	Enhanced understanding of innovative agriculture technologies and their impact on productivity and sustainability; knowledge of operating the most effective systems is acquired; and similar systems and technology are applied in other APO members.
Qualifications	Government officials, policymakers, representatives of farmers' associations, academics, researchers, and consultants involved in promoting vegetable farming.

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



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