



## PROJECT IMPLEMENTATION PLAN

Ref. No.: 20-AG-33-SP-DON-C-TH01-PP2200006-001

<b>Date of Issue</b>	27 May 2022
<b>Project Code</b>	20-AG-33-SP-DON-C-TH01
<b>Title</b>	National Workshop on Advanced Greenhouse Horticulture
<b>Timing and Duration</b>	20 June 2022 (one day)
<b>Hosting Country(ies)</b>	Thailand
<b>Modality</b>	Virtual
<b>Implementing Organization(s)</b>	Thailand Productivity Institute and APO Secretariat
<b>Participating Country(ies)</b>	Thailand
<b>Overseas Participants</b>	Not Applicable
<b>Local Participants</b>	100
<b>Qualifications of Participants</b>	Policymakers, government officials, members of farmers'/agribusiness associations, academics, consultants, and extension officers in charge of greenhouse horticulture
<b>Nomination of Participants</b>	Not Applicable
<b>Closing Date for Nominations</b>	Not Applicable

## 1. Objectives

- a. Introduce knowledge and technologies for advanced greenhouse horticulture.
- b. Provide consultancy on advanced greenhouse horticulture management.
- c. Promote greenhouse horticulture in Thailand to improve the quality and supply of locally produced vegetables.

## 2. Background

Greenhouse horticulture enables crop cultivation regardless of weather conditions and seasons, thus extending growing and harvesting periods and contributing to stable production. The applications of IoT technologies have progressively advanced greenhouse horticulture management and practices. In-house environments are monitored by sensors, and the data are analyzed to yield the best-quality products. Farmers can therefore control harvests to meet consumers' changing demands.

Advanced greenhouse horticulture is costly, however. To be successful, greenhouse horticulture farmers must have sound entrepreneurial and financial planning skills, taking into account costs and benefits. The production of high-quality produce must be accompanied by the necessary marketing skills.

This workshop aims to promote advanced greenhouse horticulture in Thailand to boost local production of high-quality vegetables. It will introduce the latest knowledge and technologies in advanced greenhouse horticulture and provide consultancy by an expert.

## 3. Scope and Methodology

The duration of the session will be around three hours. The indicative topic of the presentation is:

- Advanced Greenhouse Horticulture: Innovations and Technologies

## 4. Role and Responsibilities

The roles and responsibilities of the Thailand Productivity Institute (FTPI) and APO Secretariat are:

### FTPI

- a. Promote the workshop to local participants.
- b. Arrange for an interpreter(s).
- c. Meet the balance of project implementation costs if the total amount exceeds USD400.00.
- d. Submit a project completion report to the APO Secretariat, including the financial report and expenditure receipts for the project.

### APO Secretariat

- a. Provide financial support as detailed in section 5.
- b. Assign an international resource person for the project.
- c. Coordinate with the international resource person and FTPI.

## 5. Financial Arrangements

5.1 The APO will meet all costs related to the honoraria for an international resource person.

5.2 The APO will provide financial support up to USD400.00 to hire an interpreter(s) during the workshop.

The FTPI will make the agreed expenditure and settle the entire account by providing all necessary proof of payment to the APO Secretariat after completion of the project. The proof of payment, e.g., bills, payment records, and receipts must be issued by third parties, submitted together at one time, and written in clear English, with English translations for all documents not originally written in English. In general, internal evidence, i.e., expenditure evidence issued by the implementing organization, is not accepted as proof of payment and will not be reimbursed. The final payment will be made based on the actual expenditure within 30 days after submission of the financial report and expenditure receipts for the project.

A handwritten signature in black ink, appearing to read 'Mochtan', with a long, sweeping flourish extending upwards and to the right.

Dr. AKP Mochtan  
Secretary-General