



PROJECT IMPLEMENTATION PLAN

Ref. No.: 20-AG-33-SP-DON-C-KH01-PP2200010-003

Date of Issue	06 October 2022
Project Code	20-AG-33-SP-DON-C-KH01
Title	Training Course on Cold Chain Systems in Agrifood SMEs
Timing and Duration	31 October–5 November 2022 (six days)
Venue and Hosting Country(ies)	Phnom Penh, Cambodia
Modality	Face-to-face
Implementing Organization(s)	National Productivity Centre of Cambodia
Participating Country(ies)	Cambodia
Overseas Participants	Not Applicable
Local Participants	20
Qualifications of Participants	Representatives of the demonstration company, policymakers and government officials working on the agrifood industry, and food distributors, particularly those involved in fresh food supply chains
Nomination of Participants	Not Applicable
Closing Date for Nominations	Not Applicable

1. Objectives

- a. Introduce an innovative end-to-end cold chain process through a demonstration company to enhance the productivity and safety of fresh food products in Cambodia.
- b. Conduct cold chain training for SMEs in the supply chain network of the demonstration company.
- c. Observe the use of the innovative equipment involved in the demonstration company to reduce losses and increase product value.

2. Background

In 2020, COVID-19 became a global pandemic that threatened to overwhelm food systems by limiting the movement of labor and products due to disrupted supply chains. It particularly put pressure on SMEs dealing in fresh food products that require timely harvest, storage, and delivery to consumers. While Cambodia was not severely impacted early in the pandemic, the situation became more serious over time. Since the agrifood sector is the largest contributor to employment in Cambodia, support packages aimed at increasing its resilience are crucial.

The APO provided Cambodia with two cold storage containers and one ice machine from Japan to assist agrifood SMEs under a special cash grant from the Ministry of Foreign Affairs of Japan. It aimed to improve the end-to-end cold chain system (from farm to retail) by using these modern storage technologies to develop a pilot model enabling the country to be more resilient to food chain disruptions. This program was completed on 31 March 2022 with the successful use of the equipment by the SME selected as the demonstration company.

To support establishing a leading demonstration company in the fresh food cold chain system in Cambodia, additional technical assistance is needed. This project is intended to introduce a modern cold chain system in Cambodia through a demonstration company with the support of international and local resource persons.

3. Scope and Methodology

The program will comprise presentations by resource persons, field visits, and other relevant learning methods. The indicative program schedule is shown below:

Day 1:

- Vegetable and fruit quality deterioration
- Postharvest practices on farms
- Warehousing operations
- Cold chain applications
- Cold chain management at the retail level

Day 2:

- Field visit to Green Mart Logistic Centre and Green Mart Retail Outlet (APO project site in 2021: retail)

Day 3:

- Seafood quality deterioration
- Food chain traceability

Day 4:

- Field visit to Kampong Speu (APO project site in 2021: fruit)

Day 5:

- Field visit to Kampong Som (APO project site in 2021: seafood)

Day 6:

- Group review of sessions
- Summary of sessions

The detailed program and list of resource persons will be provided one month prior to the program.

4. Role and Responsibilities

The roles and responsibilities of the National Productivity Centre of Cambodia (NPCC) and APO

Secretariat are:

NPCC

- a. Promote the project to local participants
- b. Coordinate and facilitate all activities under this project
- c. Invite and assign local resource persons
- d. Make arrangements for the venues and logistics
- e. Invite local participants
- f. Meet the balance of project implementation costs if the total amount exceeds USD11,235.00
- g. 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 international resource persons for the project
- c. Coordinate with the international resource persons and NPCC

5. Financial Arrangements

5.1 To be met by the APO

- a. All assignment costs of international resource persons
- b. The following local implementation costs up to USD11,235.00
 - Meeting package including meeting rooms, facilities, and requisite stationery, material, and meals
 - Honorarium for local resource persons
 - Transportation of field visit
 - Interpretation

The APO may advance up to 50% of the costs before the commencement of the project if required and the remainder will be reimbursed after implementation based on the proof of expenses paid.

5.2 To be met by the NPCC

All other local implementation costs not covered by the APO.

The NPCC will make the agreed expenditures 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 of 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.



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