

7. Appendices

i) Concept Note

SYNTHESIS AND EVALUATION WORKSHOP ON
SUSTAINABLE AND SMART AGRICULTURAL SUPPLY CHAIN DEVELOPMENT IN MEKONG
COUNTRIES

March 2, 2023	Time: 13.30 pm. – 17.00 pm.	Online Platform through Zoom Application at shorturl.at/sC347
March 3, 2023	Time: 08.45 am. – 12.00 pm.	

1. Background

The Mekong-Republic of Korea Cooperation Fund (MKCF) provided support for training at the Mekong Institute (MI) in three thematic areas, including Agricultural Development and Commercialization (ADC), Trade and Investment Facilitation (TIF), and Sustainable Energy and Environment (SEE). This series of training programs was funded through the project on 'Sustainable and Smart Agricultural Supply Chain Development in Mekong Countries'. The objective of these programs was to enhance the effectiveness and efficiency of production, reduce post-harvest losses, and increase energy efficiency in agricultural supply chains in Mekong countries. The project addressed the pressing need to transform agricultural supply chains (production, processing, and distribution) in the Mekong countries through the implementation of smart agriculture, smart logistics, and smart renewable energy technologies. This transformation is intended to contribute to several sustainable development goals (SDGs), including ending poverty and hunger, promoting energy efficiency, responding to climate change, achieving inclusive growth, building a resilient society, and maintaining natural resources in a sustainable manner.

Under the project framework, five core learning activities were implemented;

- vi.) Regional Training on Food Loss Reduction for Sustainable Value Chains, September 12-16, 2022;
- vii.) Regional Training on Sustainable and Smart Farming Technologies, September 26-30, 2022;
- viii.) Online Training on Business Investment on Smart Logistics Technologies for Agricultural Supply Chain, October 10-14, 2022;
- ix.) Online Training on Smart Renewable Energy Technologies for Agriculture Supply Chain in Mekong Region, November 21-25, 2022;
- x.) Online workshops on “Supplement knowledge topic/issue required during implementing the action plans” for deeper understanding of the topics to support the implementation as follows
 - a. Workshop on Business Plan Development – Tools and Strategies, October 17-21, 2023;
 - b. Workshop on Solar Pumps for Smallholder Farmers in Cambodia on January 10, 2023;
 - c. Workshop on Small and Micro-scale Applications of Biomass Energy, February 3, 2023.

- d. Workshop on Drone and its Applications in the Agricultural Sector on February 13, 2023.

The training program incorporated the preparation of both country-specific and individual action plans (AP) as a means of sharing the knowledge and experiences gained by participants with relevant stakeholders and beneficiaries in the Mekong countries, which included Cambodia, Lao PDR, Myanmar, Thailand, and Vietnam. The action plans were implemented through various national workshops and training sessions, as well as the integration of relevant content into curricula, research, and business plan development within their respective countries.

To review the results of the learning and action plan implementation, and to receive feedback on the four training cycles (i-iv), a two-day Synthesis and Evaluation Workshop (S&E) is scheduled for March 2-3, 2023, to be conducted online. The S&E workshop aims to (i) provide a platform for participants to present the results of their action plan implementation, (ii) share best practices and outcomes from their implementation experience, and (iii) reflect on their feedback to contribute to the improvement of the training contents.

2. Workshop Objectives

The specific objectives of the Synthesis & Evaluation Workshop are to:

- e) Recall the knowledge gained from the training programs on
 - (v) Food Loss Reduction for Sustainable Value Chains, September 12-16, 2022;
 - (vi) Sustainable and Smart Farming Technologies, September 26-30, 2022;
 - (vii) Business Investment on Smart Logistics Technologies for Agricultural Supply Chain, October 10-14, 2022;
 - (viii) Smart Renewable Energy Technologies for Agriculture Supply Chain in Mekong Region, November 21-25, 2022;
- f) Share experiences of implementing the action plans and obtain feedback from co-participants;
- g) Provide an opportunity to learn and share best practices and utilize the learning results;
- h) Evaluate the training approach and provide recommendations for future improvement in terms of contents, structure, and schedule.

3. Workshop Activity

The S&E workshop has been structured to provide participants with an opportunity to present their experiences of implementing the action plans in the form of a PowerPoint presentation, which will incorporate photographs, videos, and posters of the implemented activities, as well as key points of the presentation contents. These key points are expected to include:

- A brief introduction to the event and its objectives,
- Information on the structure and contents of the event,
- The participants involved,
- Any challenges encountered during the action plan implementation,
- Lessons learned from organizing the event, and

- Recommendations for further capacity-building activities and policy initiatives for national governments to continue applying sustainable and smart technologies the development of agriculture supply chains in their respective countries.

In addition to providing a platform for presenting action plan implementation experiences, the workshop will also serve as a forum for the exchange of experiences and lessons learned among participants.

4. Target Group

The workshop has been designed for participants who attended the four training programs held through face-to-face and virtual platforms between September and December 2022. These participants were drawn from the Mekong countries and included senior officials from the national Ministries of Agriculture, Land and Transport, and Energy, as well as members of business associations and service providers in the areas of agribusiness, logistics, and energy.

5. Workshop Outputs

The workshop is intended to deepen participants' understanding of the impact of the capacity development program, including the trainings provided, on the implementation of the completed action plans. It is also an opportunity for MI to receive specific recommendations from the participants regarding the further development of MI's training programs. Furthermore, the workshop will serve as a platform for participants to provide policy recommendations for national governments to advance sustainable and smart technologies for agriculture supply chain development efforts in their respective countries.

6. Contact

MKCF's Project Implementing Team

Telephone : +66 (0) 43 202411, Extension 2102 (TIF), 3103 (ADC) and 4102 (SEE)

Email: mkcf-smartagricordinator@mekonginstitute.org

Mekong Institute

123 Mittraphap Road, Muang District,
Khon Kaen 40002, Thailand

Website: <https://www.mekonginstitute.org>



ii) Workshop Schedule

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COUNTRIES

March 2, 2023	Time: 13.30 pm. – 17.00 pm.	Online Platform through Zoom Application
March 3, 2023	Time: 08.45 am. – 12.00 pm.	

Tentative Schedule

Register in advance to attend the workshop at shorturl.at/sC347
Meeting ID: 852 1610 2171 and Passcode: 12345

Day 1, March 2, 2023 @ 13.20 pm. – 16.30 pm.		
Time	Topics	Speakers
13.30 pm- 13.35 pm	<ul style="list-style-type: none"> ▪ Welcoming and Opening Remarks 	Mr. Suriyan Vichitlekarn Executive Director, Mekong Institute
13.35 pm.- 14.00 pm.	<ul style="list-style-type: none"> ▪ Overview of the Synthesis and Evaluation Workshop ▪ Overview of the country-wise and individual action plan implementation of modular trainings on <ul style="list-style-type: none"> (a1) Regional Training on Food Loss Reduction for Sustainable Value Chains, September 12-16, 2022; (a2) Regional Training on Sustainable and Smart Farming Technologies, September 26-30, 2022; (b1) Online Training on Smart Renewable Energy Technologies for Agriculture Supply Chain in Mekong Region, November 21-25, 2022; (c1) Online Training on Business Investment on Smart Logistics Technologies for Agricultural Supply Chain, October 10-14, 2022; 	MKCF-Training Organizing Team, Mekong Institute
<ul style="list-style-type: none"> ▪ Presentation and discussion on the country-wise and individual action plan implementation ▪ Theme: Postharvest, Smart Farming, and Its Technologies 		
14.00 pm – 15.30 pm. <i>(10-15 minutes for each)</i>	<ul style="list-style-type: none"> ▪ Training on Smart Technology in Agriculture ▪ The topic was lunched in the Faculty of Science and 	Mr. Vang Sovann Vice Dean Faculty of Sciences and Technology National Meanchey University

Day 1, March 2, 2023 @ 13.20 pm. – 16.30 pm.		
Time	Topics	Speakers
<i>presentation inc. Q&A</i>	Technology and Faculty of Agriculture and Food Processing <ul style="list-style-type: none"> Upgraded the U. Greenhouse 	Cambodia (a2)
	<ul style="list-style-type: none"> Training on Food Loss Reduction on Sustainable Value Chain, producing of value-added products from extra produces from farm. 	Ms. Kye Mon Lwin Founder, Organic Valley Co., Ltd. Myanmar (a1)
	<ul style="list-style-type: none"> High Tech Cold Store Services for Farmers and Fishing Company 	Ms. Khin Hnin Phyu Managing Director The Best Maritime Partner Limited. Myanmar (c1)
	<ul style="list-style-type: none"> Training on Concept of Smart Farming and the applied automatic irrigation in the university mushroom farm 	Mr. Sour Vannak Lecturer Kampong Speu Institute of Technology Cambodia (a2)
	<ul style="list-style-type: none"> Knowledge Sharing Workshop on Awareness of the Use of Renewable Energy Resources in Agricultural Sector 	Ms. Mya Lwin Lwin Aung Executive Committee Myanmar Fruit, Flower and Vegetable Producers and Exporters Association (MFVP), Myanmar (b1)
	<ul style="list-style-type: none"> Smart Warehouse at Myawaddy 	Ms. Hla Hla Yee Managing Director Myanmar Mercury International Co., Ltd., Myanmar (c1)
15.30 pm.- 15.40 pm.	Break for 10 minutes	
15.40 pm – 17.00 pm. <i>(10-15 minutes for each presentation inc. Q&A)</i>	<ul style="list-style-type: none"> Training to former cooperative 	Mr. Souliya Xayapatha Technical Officer Plant Protection Center, Department of Agriculture, Ministry of Agriculture and Forestry. Vientiane Capital, Lao PDR (a2)
	<ul style="list-style-type: none"> Training on Food loss situation in Vietnam and Integrated the content of “National Strategy for Food Security” in the Product Development” chapter 	Ms. Nguyen Thi Thao Lecturer Faculty of Agriculture and Forestry, Nha Trang University and Kagoshima University Vietnam (a1)
	<ul style="list-style-type: none"> Training on Intermittent dryer construction flow and storage and packing methods and Applied Intermittent dryer construction flow and storage and packing 	Ms. Sea Longsreyneath Manager, Ibis Rice Conservation Co., Ltd.. (IRCC) Cambodia (a1)
	<ul style="list-style-type: none"> Sharing session on Sustainable and Smart Farming. 	Mr. San Min Tun Research Associate MyanSEED, Myanmar (a2)

Day 1, March 2, 2023 @ 13.20 pm. – 16.30 pm.

Time	Topics	Speakers
	<ul style="list-style-type: none"> Case Study on Solar Water Pump for Irrigation of Smallholder Producers in Batheay District, Kampong Cham Province, Cambodia 	Mr. Tith Samon Lecturer and Officer Planning and International Cooperation, Prek Leap National Institute of Agriculture, Cambodia (b1)
	<ul style="list-style-type: none"> Training on Post-Harvest Vegetables Techniques in home scale processing and Storage 	Mr. Thai Hoang Phuc Lecturer Faculty of Food Technology and Agriculture Tien Giang University Tien Giang Province, Vietnam (a1)
16.50 pm – 17.00 pm	<ul style="list-style-type: none"> Summary and Wrap Up 	Mekong Institute

Day 2, March 3, 2023 @ 08.45 am.-12.00 am.

Time	Topics	Speakers
08.45 am – 08.50 am	<ul style="list-style-type: none"> Recapitulation Introduction to the daily sessions 	<ul style="list-style-type: none"> Selected participants
<ul style="list-style-type: none"> Presentation and discussion on the country-wise and individual action plan implementation Theme: Smart Technologies, Digital Platform, and Warehouse Management for Agriculture Sector 		
08.50 am.– 10.30 am. <i>(10-15 minutes for each presentation inc. Q&A)</i>	<ul style="list-style-type: none"> Workshop on Integration of climate smart farming technology into the Climate Change Priority Action Plan in Agriculture, Forestry and Fishery CCPAPIII 	Mr. Siveun Nhak National M&E Climate Change Adaptation Specialist Food and Agriculture Organization of the United Nations Phnom Penh, Cambodia (a2)
	<ul style="list-style-type: none"> Training on Sustainable Farming Technology Established an R&D group at the DBC for the development and implementation of smart and sustainable farming technologies (the Smart and Sustainable Agriculture Group) 	Mr. Pham Chau Huynh Director, Da Nang Biotechnology Center (DNB) Vietnam (a2)
	<ul style="list-style-type: none"> National Workshop on Solar Cell Utilization for Small-scale Farm in Laos 	Mr. Khounekham Inthasane Head of Division Information Technology and Innovation Division Ministry of Industry and Commerce Lao PDR (b1)
	<ul style="list-style-type: none"> Warehouse management investment project of Green Lien Chieu Logistics Joint Stock Company 	Mr. Hiep To Van CEO Green Lien Chieu Logistics Joint Stock Company Vietnam (c1)

Day 2, March 3, 2023 @ 08.45 am.-12.00 am.		
Time	Topics	Speakers
	<ul style="list-style-type: none"> Digital Platform for Transportation System 	Ms. Duyen Quynh Le CMO Marketing and Sales GreenSys Corp., Vinhomes Central Park, Vietnam (c1)
	<ul style="list-style-type: none"> Training on Smart Technology and Organic Cultivation 	Ms. Nguyen Thi Dan Thi Lecturer Agriculture and rural Department Tra Vinh University Vietnam (a2)
10.30 am.- 10.40 am.	Break for 10 minutes	
10.40 am.- 12.00 am. <i>(10-15 minutes for each presentation inc. Q&A)</i>	<ul style="list-style-type: none"> Training on Sustainable and Smart Farming Technologies in Rakhine Initiation of Climate Smart Project based on agriculture 	Mr. Htay Hlaing Agronomist Economic Security Department, International Committee of the Red Cross (ICRC), Rakhine State, Myanmar (a2)
	<ul style="list-style-type: none"> Workshop for upcoming cashew season focusing on CamGAP, climate adaptation, pest management, loss reduction and irrigation system by solar panels. 	Ms. Sothnita Soeun Manager, Handcrafted Cashew Nuts Stung Treng Co., LTD Cambodia (a1)
	<ul style="list-style-type: none"> Workshop on Unmanned Aerial Vehicle (UAV) or Drones and its application in the agriculture sector 	Mr. Prateep Chouykerd Researcher Social Development Institute Khon Kaen University Thailand (b1)
	<ul style="list-style-type: none"> Workshop and Survey on Potential and Challenges for Applying Drone Technology in Agriculture in Mekong Delta 	Mr. Tran Minh Hoa Researcher Plant Protection Southern Horticultural Research Institute, Vietnam (b1)
	<ul style="list-style-type: none"> Drone services for security, finding objects at high building, photo and video shooting, surveillance of agriculture fields, seeding, and pest spraying for plantation. 	Dr. Nay Zar Aung KTKO Linker Co., Ltd (Director and Principal School of Industrial Training and Education (SITE), Myanmar (c1)
	<ul style="list-style-type: none"> Development and application of GIS Map to connect international and domestic trade in aquaculture and logistics industries in Mekong Delta. 	Ms. Thi Thu Huong Vo Deputy Director VCCI Cantho Vietnam (c1)
	12.00 am – 12.10 pm	<ul style="list-style-type: none"> Ways Forward and Closing Remarks