



CLIMATE-FRIENDLY AGRIBUSINESS VALUE CHAINS SECTOR PROJECT (CFAVC)



ADB Loan No. 3661-CAM (COL)/8346-CAM (EF) Grant
No. 0579-CAM (EF)



GREEN
CLIMATE
FUND



MONTHLY PROGRESS REPORT June 2023

Project Management Unit (PMU) of MAFF

I. INTRODUCTION

This is the Monthly Progress Report for the Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC) -- Project Number: 48409-002). The CFAVC project is funded by the Asian Development Bank (ADB) with ADB Loan No. 3661-CAM (COL)/8346-CAM (EF) Grant No. 0579-CAM (EF) and the Government of Cambodia. The report has accumulated the progress as of March 2023.

The project has consumed (time elapsed) **59%** (against 95 months), and disbursed **18.9%** of total fund (141.04M\$), and the overall project progress is **47.71%**.

All progress figures in this report over the period up to this month are accumulative amounts from the project started in 2019 while progress reported over the current month is actual progress.

II. PROJECT DESCRIPTION

The project's basic information is shown in Tables 1 and 2.

Table 1: Basic Project Information

| | |
|---------------------------------|--|
| Project Number: | 48409-002 |
| Project Title: | Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC) |
| Recipient: | Royal Government of Cambodia |
| Executing Agency (EA): | Ministry of Agriculture, Forestry and Fisheries (MAFF) |
| Project Management Units (PMUs) | <ul style="list-style-type: none"> ▪ Ministry of Agriculture, Forestry and Fisheries (MAFF) Implementing Agencies (IAs): <ul style="list-style-type: none"> ➢ Cambodia Agricultural Research and Development Institute (CARDI) ➢ General Directorate of Animal Health and Production (GDAHP) ➢ General Directorate Agriculture (GDA) ▪ Ministry of Water Resources and Meteorology (MOWRAM) Implementing Agencies (IAs): <ul style="list-style-type: none"> ➢ General Directorate of Technical Affairs ▪ Ministry of Rural Development (MRD) Implementing Agencies (IAs): <ul style="list-style-type: none"> ➢ General Directorate of Technical Affairs |

Source: ADB-CFAVC-PAM (June 2018)

Table 2: Dates of Loan/Grant approvals, effectivity and Closing

| Loan/Grant Sources | Effective date | Closing date | Duration | Time elapsed | % time elapsed |
|--|----------------|--------------|-----------|--------------|----------------|
| Grant 0579-CAM Green Climate Fund | 28 Mar 2019 | 30 Sep 2026 | 90 Months | 51 months | 57% |
| Loan 3661-CAM Concessional ordinary capital resources lending | 01 Oct 2018 | 30 Sep 2026 | 95 Months | 56 months | 59% |
| Loan 8346-CAM Green Climate Fund | 28 Mar 2019 | 30 Sep 2026 | 90 Months | 51 months | 57% |

Table 3: Project Financing

| Sources | Amount | Share of Total | Jun-23 | |
|-----------------------------|--------------------|----------------|-------------------|--------------|
| | | | Disbursement * | |
| | (US\$ Million) | (%) | US\$ | (%) |
| ADB loan (concessional) | 90,000,000 | 63.81% | 20,768,052 | 23.1% |
| ADB loan (GCF) | 10,000,000 | 7.09% | 1,322,049 | 13.2% |
| ADB Grant (GCF) | 30,000,000 | 21.27% | 3,680,281 | 12.3% |
| Sub-total of ADB | 130,000,000 | 92.17% | 25,770,383 | 19.8% |
| Cambodia Government | 7,380,000 | 5.23% | 827,587 | 11.2% |
| Beneficiaries' contribution | 3,660,000 | 2.60% | - | - |
| Total fund | 141,040,000 | 100.00% | 26,597,970 | 18.9% |

(* = Cumulative up to June 2023 "Combined all PMUs", extracted from ADB-LFIS/GFIS system)

Table 4: Overall physical progress (as of June 2023):

| Outputs | Assigned weight | Progress (%) |
|----------------|-----------------|--------------|
| Output 1 | 65.00 | 33.00 |
| Output 2 | 20.00 | 9.22 |
| Output 3 | 15.00 | 5.49 |
| Overall | 100.00 | 47.71 |

III. IMPLEMENTATION PROGRESS

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---|--|---|--|---|
| Output 1: Critical agribusiness value chain infrastructure improved and made climate-resilient | | | | |
| Activity 1.1. Rehabilitating water management infrastructure | | | | |
| 1.a | 27 Irrigation and water management systems rehabilitated and made climate-friendly | <ul style="list-style-type: none"> Completed of the construction 3 schemes Ongoing construction 4 schemes DED has completed 24/27 of the total schemes | <ul style="list-style-type: none"> 25 schemes DED completed (14,172 Ha) 2 schemes DED ongoing (935Ha) 7% Ongoing construction 4=(2,050Ha) 86% Completed construction 5=1200Ha <p>Total 27 schemes</p> | CS1 (MOWRAM) |
| 1.b | 800 On-farm rainwater harvesting ponds commissioned | <ul style="list-style-type: none"> Bidding evaluation process for 279 ponds (CW1. A.1:80, CW1. B.1: 63, CW1. C.1:66 and CW1. D.1:80) | <ul style="list-style-type: none"> Construction not yet start 279 completed DED and in the stage of procurement process 521 not yet start <p>Total: 800</p> | CS1 (MOWRAM) |
| | 15 drip irrigation demonstration units on mango farmers' land | <ul style="list-style-type: none"> There is no activity progress during the reporting period. | <ul style="list-style-type: none"> 15 farms have been identified. Document data collection process has been done since 2021 that included identifying and interviewing with many farmers with GDA/PMU/CS2 team from 4 target provinces, then identifying and shorting listed 5 candidates for planning to install a drip irrigation system with solar pump in their mango orchards, and then cooperated with DTL for continue bidding document process. DTLCS1, DTLCS2, PMU team and GDA/DoEA to review the progress of 5 drip irrigation systems, based on AWPB-2022 to identify some documents that are | It is in the stage of the procurement process |

¹ progress report within the current month² progress report accumulated since the project started in 2019³ Remarks for within the current month

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|--|--|--|---|--|
| | | | not completed based on technical specifications. <ul style="list-style-type: none"> ○ We have done the BoQ estimation for each drip irrigation and solar pump. ○ The last DoEA representative did the proposal for demonstration site arrangement on drip irrigation system installation with the solar pump to PMU and PMU's procurement guide to access with ADB forward implementation in the field. | |
| Activity 1.2 Upgrading agricultural cooperative value chain infrastructure | | | | |
| 1.d | 80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments | <ul style="list-style-type: none"> ○ Ongoing construction of 35 warehouses and 25 warehouses. | <ul style="list-style-type: none"> ○ 20 ACs Completed construction 100% ○ 35ACs (21 completed 100%, 14 completed 85%) ○ 25 ACs construction starts on 9 May 2023 and complete the construction is 10%. ○ Total 80 ACs | <ul style="list-style-type: none"> ○ PPIUs Continue to follow up on the ACs ○ No more input for Public Private Partnership Specialist (waiting for NOL from ADB) |
| Activity 1.3 Improving connectivity to Cooperatives and Market through climate resilient farm road networks: | | | | |
| 1.c | At least 250 Km of Farm roads were upgraded to climate-resilient standards to improve Connectivity to Cooperatives and Markets | <ul style="list-style-type: none"> ○ Ongoing construction of 8 contracts | Completed construction =0 contract <ul style="list-style-type: none"> ○ Ongoing construction 8 contracts=(71km) 61% ○ 100.12 km DED completed ○ 100.72 km DED ongoing (55%) Total 250 Km | CS1 (MRD) |
| Activity 1.4 Strengthening Infrastructure for agricultural quality and safety testing at the National Agricultural Laboratory (NAL) | | | | |
| 1.e | Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded | <ul style="list-style-type: none"> ○ Lab renovation: construction completed. In addition, some of the shortcomings are fulfilled by the | <ul style="list-style-type: none"> ○ Lab renovation: construction completed ○ Net-house: construction is completed 100% | Net House: still waiting for connection of water supply from the state, wastewater, and spray |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---------|--|---|--|---|
| | | <ul style="list-style-type: none"> ○ responsible company in collaboration with NAL. ○ Net-house: construction ongoing 100% | | water to control temperature. |
| | establishing genetically modified organisms (GMO) and Phytotoxin | <ul style="list-style-type: none"> ○ Updating the concept note: of Technical training on GMO & Phytotoxin prepared and revised for the last version. | <ul style="list-style-type: none"> ○ Prepared concept note: completed ○ List of equipment for GMO and Phytotoxin: Ongoing 50% | The list of equipment still checks the specification of the product and price by an expert. |
| | supporting ISO 17025 accreditation | <ul style="list-style-type: none"> ○ ISO 17025 Accreditation Compliance Specialist: waiting for NOL from ADB. | ISO 17025 Accreditation Compliance Specialist: not yet mobilized | Specialist: not yet mobilized |
| | Plant tissue culture (developing tissue culture protocols for bananas and cassava) | <ul style="list-style-type: none"> ○ Ongoing work to develop the manual of Cassava: completed (4th revision). | <ul style="list-style-type: none"> ○ Prepared concept note: completed ○ On-the-job training on mother plant collection for multiplication through tissue culture for cassava with a total of 72 persons of which 54 are females. ○ Training on plant tissue technology for banana, cassava, and orchid with a total of 12 persons of which 9 are female. ○ TWG meeting on the development of cassava tissue culture development manual with a total of 13 persons of which 3 are females. ○ Conducted a Consultative workshop on the cassava tissue culture development manual with a total of 25 participants of which 6 are women. ○ Developed manual of Cassava: completed (4th revision). | The tissue Culture Development Specialist has left the input to fulfill the work. |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---------|--|--|---|--|
| | Assisting the laboratory commercialization process | <ul style="list-style-type: none"> ○ Ongoing work to update the concept note and schedule for the training and field study on Laboratory commercialization and service marketing on tissue culture-derived products (banana) for PDAFF. | <ul style="list-style-type: none"> ○ Seed Policy for Cambodian: ongoing ○ The enacted Law on Seed Management and Plant Breeder's Rights adopted by the parliament on April 08, 2008: Ongoing ○ Law on biosafety in Cambodia enacted by parliament on 28 December 2007: Ongoing ○ The legal framework on modern biotechnology developed by Codex Alimentarius Commission- FAO/WHO intergovernmental body: Ongoing ○ The Biosafety regulations for GMO crop in Asia-Pacific: Ongoing | The activities waiting for AWPB2023 approval by MEF. |
| | supply analytical testing equipment | <ul style="list-style-type: none"> ○ All Lab equipment for NAL will move to the next year. | <ul style="list-style-type: none"> ○ Bid Evaluation Report (BER) ongoing | Wait for the procurement update. |
| | Bio-fertilizer / Organic fertilizer (Pesticide residue rapid test kits for field testing and desktop testing equipment for plant toxins will also be supplied) | <ul style="list-style-type: none"> ○ Ongoing work to develop the manual of Standard Operation Procedure. ○ No more inputs for Bio-fertilizer & Organic Fertilizer Testing Specialists. | <ul style="list-style-type: none"> ○ On-Job training course on the quality testing of bio-fertilizer and bio-pesticide with a total of 144 persons/108 are females. ○ Conducted a market survey on the use and quality of bio-fertilizer and organic fertilizer in the local market and training on bio-pesticide, bio-fertilizer production, and quality testing with a total of 12 persons of which 9 persons are females. ○ Consultative workshop on SOP for bio-fertilizer fertilizer quality testing manual with a total of 51 participants of which 9 persons are females. ○ Developed the manual of Standard Operation Procedure (SOP) for quality testing of bio-fertilizer and completed the 3rd draft revision. | Bio-fertilizer & Organic Fertilizer Testing Specialist have left the input to fulfil the work. |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---|--|---|--|----------------------|
| | | | <ul style="list-style-type: none"> ○ Consultative workshop on ISO 17025 Accreditation guideline with a total of 42 participants of which 14 are females. ○ Development of technical guidelines and procedure for lab ISO17025 accreditation was completed 3rd draft revision. ○ Development of the manual of Standard Operation Procedure (SOP) for quality testing of organic fertilizer was in the first draft version. | |
| Activity 1.5 Promoting renewable energy (bio-digesters and use of solar energy in target cooperative areas) for value chain improvement: | | | | |
| 1.f1. | 12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women) | <u>Bio-digester:</u> <ul style="list-style-type: none"> ○ Training to Model farmers & exchange visits 4 courses 154/41 are females. ○ Commune & provincial workshops on project dissemination, identification and selection of clients 2 courses 101/21 are females. ○ National workshops on biodigester and composting 1 course 56/9 are females. | <u>Bio-digester:</u> <ul style="list-style-type: none"> ○ Construction: not yet started (BER ongoing) ○ 27,376 farmers (female =13,360 (49%) have been trained and received information about Biodigester in Training & Capacity Building, Promotion & Marketing, Monitoring & Evaluation and Innovation & Value Chain Improvement activities. ○ The project identified 4,156 farmers of which 2,087 farmers are female for the potential to build the Biodigester. ○ The key farmer who has intended to buy: ongoing 8% (976 HHs) ○ The key farmer who has an interest: ongoing 2.36% (283 HHs). ○ Research, development, pilot, and use of the biodigester: ○ 56 biodigesters demonstration construction completed and functioning with (280 beneficiaries (145 F). | |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---------|---|--|--|----------------------|
| | | | <ul style="list-style-type: none"> ○ 13 biodigesters will be constructed (52 beneficiaries (27F)). ○ Research, development, pilot and use of the compost hut: | |
| 1.f2. | 6,000 Compost-huts made operational benefiting 40,000 persons (50% are women) | <u>Compost-hut:</u> <ul style="list-style-type: none"> ○ Training to Model farmers & exchange visits 4 courses 154/41 are females. ○ Commune & provincial workshops on project dissemination, identification and selection of clients 2 courses 101/21 are females. ○ National workshops on biodigester and composting 1 course 56/9 are females. | <u>Compost-hut:</u> <ul style="list-style-type: none"> ○ Construction: not yet started (BER ongoing) ○ 27,376 farmers (female =13,360 (49%) have been trained and received information about Compost hut and its benefit (bio-slurry use and management) in Training & Capacity Building, Promotion & Marketing, Monitoring & Evaluation and Innovation & Value Chain Improvement activities. ○ The project identified 3,437 farmers of which 1,695 farmers are female for the potential to build the compost hut. ○ The key farmer who has intended to buy: ongoing 10.7% (647 HHs) ○ The key farmer who has interested: ongoing 3.8% (230 HHs) ○ Research, development, pilot and use of the compost hut: ○ 22 compost-hut demonstration construction completed with (110 beneficiaries (60F) ○ 47 compost-hut will be constructed. ○ Support input for integrated farming demonstrations: ○ 38 demonstrations and training were completed with 154 participants (83F) | |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---|---|--|--|---|
| | | | <ul style="list-style-type: none"> ○ 28 demonstration farmers and training have not yet started. ○ | |
| Output 2: Climate-smart agriculture and agribusiness promoted | | | | |
| Activity 2.1 Deploying climate-resilient varieties | | | | |
| 2.a | 3 Additional climate-resilient varieties of rice and maize released | <ul style="list-style-type: none"> ○ Training of farmers group on best management practice (BMP) of rice 2 courses 50/33 are females. | <ul style="list-style-type: none"> ○ Two rice varieties, named Phkamealdehy (PMD) and CAR-16 and one glutinous maize variety, named CM1 were released before the project started and then in 2022, CARDI conducted a demonstration in targeted provinces. Currently, CARDI is developing rice varieties for high yield, good grain quality and resilience to climate change. The series of activities included, advancing generation in CARDI and multi-location trials in collaboration with PDAFF staff. ○ One rice variety, named Champeisar70 are released in 2023 for farmers' demonstration in CFAVC Project (Foundation seed from CARDI) ○ 1,420 farmers (690 are females = 49%) have been trained in Training of farmers' groups on best management practice (BMP), Training of farmer groups on rice seed production techniques and follow-up and field day. | No activities progress, due to waiting for the approved budget for AWPB-2023. |
| Activity 2.2 Strengthening capacity in climate-friendly production practices and technologies: | | | | |
| 2.b | 40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills | <ul style="list-style-type: none"> ○ Follow up the training on Climate Smart Agriculture (CSA) and Sustainable Rice Production (SRP). | <ul style="list-style-type: none"> ○ 12,699 farmers (female =6,028 (47%) have been trained on CSA, SRP, CamGAP, training of ACs boards on ACs business development and Training on | The expert has not yet mobilized. |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---------|---|--|---|--|
| | | <ul style="list-style-type: none"> ○ Dissemination workshop on contract farming mechanism 2 courses 61/15 are females. | <ul style="list-style-type: none"> ○ landscape restoration (farm mechanization). ○ Dissemination workshop on contract farming mechanism. | |
| | Support laser land leveling up to 4,000 ha (approximately 1,000 ha per province) | <ul style="list-style-type: none"> ○ There is no activity progress during the reporting period. | <ul style="list-style-type: none"> ○ Identified 05 new irrigation schemes for the possibility of laser land leveling in project area 2 schemes in Ta Keo, 1 scheme in Kampot, one 1schemes in Tboung Khmom and 01 scheme in Kampong Cham provincePackage 1, in previous time identification of 418.58 hectares of landholding assessed and mapping. Tender documents are being prepared by CS1 and in consultation with CS2 and the procurement unit of PMU. ○ Summary progress of paddy selection for land leveling by Jan-Dec 2022. ○ Takeo: 125.89Ha with 935HHs (397F) ○ Kampot: 67.99Ha with 467HHs (260F) ○ KCham: 166.40Ha with 730HHs (258F) ○ TBK: 58.30Ha with 646HHs (302F) ○ Total: 418.58 Ha with 2,778HHs (1,227F) | It is in the stage of the procurement process |
| | conduct “learning by doing” training by demonstrating and training in farmer fields in specific locations with three sites in each province | <ul style="list-style-type: none"> ○ Rice seed demonstration production (2023) ○ Name of seed: PRD, PMD, CAR-16 and Champeisar70 ○ Identify key farmer in month: 10/5F (PRD=09demos, PMD=01demos, CAR16=01demo and Champeisar70=01 demo) ○ Seed provided to key farmers(Foundation seed from CARDI)=855kg | <p>1) Rice seed demonstration production (2020-2023)</p> <ul style="list-style-type: none"> ○ 1.1) Rice seed demonstration production(2020-2022) ○ Name of seed: PRD, PMD and CAR16(Foundation seed from CARDI) ○ Farmers demo:218p/104f ○ Surface: 64.74ha ○ Average yield 3.98T/ha ○ Number seeds produced: 262.497kg ○ Number seed distribution to communities: 94.682kg | <p>Notes from officials and farmers on:</p> <p>1) Cassava - 81 varieties have the highest resistance to mosaic disease and high yields, farmers are high interested. Rayong-9 varieties are resistant to mosaic disease, moderate and high yielding, farmers are not interested.-Huay</p> |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---------|------------|--|---|--|
| | | <ul style="list-style-type: none"> ○ (PRD seed=700kg, Champeisar70=75Kg and CAR16=80kg) ○ Cassava seed demonstration production(2023) ○ Name of seed: 81, Rayong9, (from Chamkaleu station) ○ Primary key farmer demos=11/5F | <ul style="list-style-type: none"> ○ 1.2) Rice seed demonstration production(2023) ○ Name of seed: PRD, PMD, CAR-16 and Champeisar70 ○ Identify key farmers: 80/38F (PRD=59demos, PMD=04demos, CAR16=06demos and Champeisar70=11demos) ○ Seed provided to key farmers(Foundation seed from CARDI)=1,305kg (PRD seed=1080kg, Champeisar70=145 Kg and CAR16=80kg) <p>2) Cassava seed demonstration production(2021-2022)</p> <ul style="list-style-type: none"> • Name of seed: 81,Rayong9, Hautyong60, KU50, (from Chamkaleu station) • Farmers demo:40/22f • Surface: 40ha • Average yield 31.5T/ha • Number of cassava distribution to communities: 10,000batch (at least 40ha) <p>3) Maize seed demonstration production (2022, only)</p> <ul style="list-style-type: none"> • Name of seed: CHM01 and CM1 (CHM01 from Banteaydek station/GDA and CM1 seed from CARDI) | <p>Bong-60 varieties are resistant to low mosaic disease and high yield, farmers are not interested. Cassava cultivars are still susceptible to CMD, especially on the Rayong-9 and Huay Bong-60 cultivars, which are higher than the 81 cultivars.81 species affected by Cassava Bacterial Blight Disease Hautyong 60 is affected by root and tuber rot.</p> <p>2) Corn crop Maize is more suitable for the dry season than the rainy season, both in terms of growth and yield, short life span and fruit size, similar to other varieties, farmers are interested in during the dry season. Challenges: Corn kernels are larger than other varieties and less resistant to some herbicides.</p> |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---------|--|--|---|--|
| | | | <ul style="list-style-type: none"> • Farmers demo:45/21f • Surface: 22.5ha • Average yield 5.12T/ha • Many people are interested and need seed(CHM01) distribution to communities | |
| 2.c.1 | 27 FWUCS of FWUGS made full operational | <ul style="list-style-type: none"> ○ 1 FWUC and 1 FWUG completed 75% (Tbong Darei FWUC and Kampong Raing FWUG) | <ul style="list-style-type: none"> ○ 12 FWUCs/FWUGs completed 100%; ○ FWUCs are ongoing (Trapeang Beung and Kandoal completed 88% in Kampot, Prey Rumdeng FWUC is 80% in Takeo, and Tbong Darei and Kampong Raing completed 75%) <p>Total 27 schemes (500FWUCs)</p> | There is a short budget for 10 new FWUCs/FWUGs either establishment or capacity building |
| 2.c.2 | 500 FWUCS of FWUGS developed the capacity to operate and maintain their irrigation schemes | <ul style="list-style-type: none"> ○ The scheme operation implementation and cropping calendar were trained to Kwaeng Tayee, Prey Rumdeng, and Plovtouk FWUCs representatives and local authorities consisted of 134 trainees of whom 42 were women; ○ Maintenance registration and Routine Maintenance trained to Trapeang Run, Takoch, Trapeang Beung, and Kandoal FWUCs representatives consisted of 152 trainees of whom 39 were women; ○ Maintenance Plan Preparation and Pre/after seasonal maintenance Inspection trained to Trapeang Run, | <ul style="list-style-type: none"> ○ 106 courses were provided to 4,135 FWUCs/FWUGs representatives and local authorities of whom 1,097 were women. | |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|--|---|--|--|----------------------|
| | | Takoch, Trapeang Beung, and Kandoal FWUCs representatives consisted of 146 trainees of whom 36 were women. Total of 432 participants of whom 117 were women. | | |
| Activity 2.3 Promoting farm mechanization and extension. | | | | |
| 2.d.1 | 4 Agricultural development centers were made fully operational to provide agribusiness services | <ul style="list-style-type: none"> ○ Ongoing construction 1 PADC | <ul style="list-style-type: none"> ○ 3 PADCs building construction completed. | |
| 2.d.2 | 4 Engineering workshops were made fully operational to provide agribusiness services | <ul style="list-style-type: none"> ○ Ongoing construction of 1 MEWs | <ul style="list-style-type: none"> ○ 3 MEWs building construction completed. | |
| Output 3: Enabling environment for climate-friendly agribusiness enhanced | | | | |
| Activity 3.1: Formulating climate-friendly agribusiness policies and standards: | | | | |
| 3.a | Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated | <ul style="list-style-type: none"> ○ PPP specialist on duty and working closely with key relevant sectors. | Development of Producer Group Establishments Guideline Linked with Private Sector to the Market: completed (4th draft revision) to achieve the agribusiness group of contract farming. | |
| 3.b | Good Agriculture Practice for tropical fruit endorsed (CamGAP) | <ul style="list-style-type: none"> ○ The new expert had a desk review of the existing document and will plan to meet IA-GDA to work on the development standard of manuals on Mango. | Tropical Fruit CAMGAP Standards development of the manuals for mango has been developed with 50% by involving relevant departments (IA-GDA). | |
| 3.c | Good Agriculture Practice for organic fertilizer endorsed | <ul style="list-style-type: none"> ○ Ongoing work to develop the manual of Standard Operation Procedure. ○ No more inputs for Bio-fertilizer & Organic Fertilizer Testing Specialists and Tissue Culture Development Specialist. | <ol style="list-style-type: none"> 1. Development of the manual of Standard Operation Procedure (SOP) for quality testing of bio-fertilizer completed the 3rd draft revision. 2. Development of the manual of Standard Operation Procedure (SOP) for quality testing of organic fertilizer Development of technical guidelines and procedures for lab ISO17025. accreditation was completed 3rd draft revision | |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|--|---|--|--|---|
| | | | 3. Development of the manual of Standard Operation Procedure (SOP) for quality testing of organic fertilizer was in the first draft version. 4. Development of the Cassava tissue culture manual was completed in the 4th draft revision. | |
| Activity 3.2 Promoting green finance and risk sharing mechanisms: | | | | |
| 3.d | 50 Staff from financial institutions trained in CSA and green finance | <ul style="list-style-type: none"> ○ Identify the local 8 banks, 1ARDB and 3 MFIs at target provinces to attend training on Climate Change, Green Financing, and climate-smart agriculture (CSA) ○ Conducted two training orientations to ARDB and ACLEDA on the Green Project Investment and readiness to access the Green Climate Fund (GCF) and screening criteria. ○ Conduct a meeting with the NDA focal point at the Ministry of Environment to update on a green financing facility establishment (MOE/ARDB/NBC/Mekong Strategy Partners- the proposal was submitted to GCF and the GCF's board for approval on July 2023. | <ul style="list-style-type: none"> ○ Identified: 50 Bank/MFI ○ TNA: completed ○ Training development plan: ongoing 80% ○ Development of Training Materials: ongoing 70% ○ Delivery training: two training with ACLEDA and ARDB ○ Development of green finance landscape report: completed and drafted. ○ National Consultation on the report: draft concept note completed. ○ Engaged with green financing facility establishment (MOE/ARDB/NBC/Mekong Strategy Partners progressed) and waiting for GCF reviewing and approval. ○ Consultation on Green Financing with ARDB and ACLEDA. ○ 16 staff from Bank, Micro Financial Institutions and ARDB trained in CSA and green finance. | Green Financing Specialist follows up with the Bank and MFI receives the green financing from GCF or other sources. |
| 3.e | 30 agribusinesses trained in green finance and CSA | <ul style="list-style-type: none"> ○ Identified: 30 ACs/ Agribusiness ○ TNA: ongoing 50% ○ Development of Training Materials: ongoing 70% ○ Delivery orientation meeting: six orientations meeting on the Green Project to 6 ACs at Takeo and Kampot) (Total participant:54 F 15) ○ Conducted 2 training on Climate | <ul style="list-style-type: none"> ○ Identified: 30 ACs/ Agribusiness ○ TNA: ongoing 50% ○ Development of training Materials: ongoing 70% ○ Develop the climate change training material ○ Delivery training: 27 completed (Total Participant:389 F:174) ○ Conducted 2 training on Climate Change, Green Financing and Climate Smart | |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|--|---|---|---|----------------------|
| | | Change, Green Financing and Climate Smart Agriculture for 65 participants including 17 women from the 4 PPIUs, Bank, MFI, ARDB and a committee of Agriculture Cooperative. | Agriculture to 65 participants including 17 women for PPIUs, Bank, MFI, ARDB and ACs at four provinces | |
| 3.f | 20,000 Households were provided with information on climate risk-sharing instruments | <ul style="list-style-type: none"> ○ Developed the Awareness raising material for providing TOT training to PPIU in 4 provinces ○ Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan) ○ Develop extension materials: ongoing 10% ○ Participated in signing agreement on data sharing with Forte on Crop Insurance. | <ul style="list-style-type: none"> ○ Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan) ○ Develop extension materials: ongoing 60% ○ Participated in sing agreement on data sharing with Forte on Crop Insurance. | |
| | creating an enabling environment for PPPs in agribusiness in the four value chains; | <ul style="list-style-type: none"> ○ Reviewed PPP feasibility studies on specific crop commodities proposed by MAFF with the PMU team ○ Well-cooperated with IA-GDA to prepare the ToT Training on Producer Group Establishments Guideline will be conducted | <ul style="list-style-type: none"> ○ Crop-centric forums for rice, cassava, maize, mango and other specific crops: 5 courses of training conducted with a total of participants 199 (28F). ○ Business forum on rice, cassava and other specific crop commodities (with input suppliers, producers, traders/buyers or collectors): 3 courses of training conducted with participant 80 (11F). ○ Legal farming contract signing consultation forum at the provincial level: conducted 4 consultation forums with participant 81 (16F). | |
| Activity 3.3 Supporting climate risk management through Information and Communication Technologies (ICT): | | | | |
| 3.g | Supporting Climate Risk Management through Information and Communication Technologies (ICT) | <ul style="list-style-type: none"> ○ Inception report has been prepared | <ul style="list-style-type: none"> ○ The ICT consultant just mobilized in Jan 2023 and the inception workshop will be conducted on the 6th of April 2023. ○ The inception Report has been prepared ○ An inception workshop has been done | |

| No. DMF | Activities | Current Month ¹ (June 2023) | Accumulative to date ² (June 2023) | Remarks ³ |
|---------|------------|---|--|----------------------|
| | | | <ul style="list-style-type: none"> ○ Developing System Requirement and Architecture Report ○ Preparation for the Pilot Programme for climate-smart Agriculture | |

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