



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

February 2024

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 **February 2024**.

The project has consumed (time elapsed) **67%** (against 95 months), and overall disbursement is **30.1%** and expenditures rate is **27.3%** of the total fund (141.04M\$), and the overall project progress is **57.73%**.

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	59 months	66%
Loan 3661-CAM	Concessional ordinary capital resources lending	01 Oct 2018	30 Sep 2026	95 Months	64 months	67%
Loan 8346-CAM	Green Climate Fund	28 Mar 2019	30 Sep 2026	90 Months	59 months	66%

Table 3: Project Financing

Sources	Amount	Share of Total	Disbursement*	Expenditure**
	(US\$ Million)	(%)	(%)	(%)
Loan(Concession)-L3661	90,000,000	63.81	35.3%	34.1%
Loan(GCF)-L8346	10,000,000	7.09	21.5%	19.7%
Grant(GCF)-G0579	30,000,000	21.27	25.2%	16.9%
RGC	7,376,000	5.23%	12.3%	10.7%
Beneficiaies	3,664,000	2.60%	-	0.0%
Total fund	141,040,000	100.00%	30.1%	27.3%

Note: * = Cumulative up to February 2024 "Combined all PMUs", extracted from ADB-LFIS/GFIS system.

**= Cumulative up to December 2023

Table 4: Overall physical progress:

Outputs	Assigned weight	Progress (%)
Output 1	65.00	39.68
Output 2	20.00	12.26
Output 3	15.00	5.79
Overall	100.00	57.73

III. IMPLEMENTATION PROGRESS

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	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-friend	<ul style="list-style-type: none"> Ongoing the construction 2 schemes Anticipating for NOL of DDR 8 schemes DED ongoing 2 schemes 	<ul style="list-style-type: none"> 25 schemes DED completed (14,172 Ha) 2 schemes DED ongoing (935Ha) 50% 2 Schemes are just started the construction (starting sticking out and land clearance) Completed construction (100%) 9=3,250Ha <p>Total 27 schemes</p>	CS1 (MOWRAM)
1.b	500 On-farm rainwater harvesting ponds commissioned	<ul style="list-style-type: none"> Package CW1.A.1 completed 8 of 80 RWHPs (Kampot Province) Waiting for ADB response of Package CW1. B.1: 63, CW1. C.1:66 and CW1. D.1:69 	<ul style="list-style-type: none"> 278 completed DED and are in the stage of the procurement process Kampot 80 RWHPs in Batch I has already awarded contract and completed 8 of 80 RWHPs <p>Total: 500</p>	CS1 (MOWRAM)
	15 drip irrigation demonstration units on mango farmers' land	<p>This activities progressed in month such as;</p> <p>After, reconfirmation 15 candidates</p> <ul style="list-style-type: none"> 2 meeting with other specialists (National Agricultural Machinery O&M Training Specialist, National Photo-Voltaic Specialist and National Training & Capacity Building Specialist) to review SPEC of drip irrigation of mango orchards. 	<ul style="list-style-type: none"> 15 farms have been reconfirmed and making replacement of old selected beneficiaries. 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 not completed based on technical specifications. 	It is in the stage of procurement progress.

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 (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		<ul style="list-style-type: none"> ○ Field observed and more discussion for inputs from solar and training contents for Updating specification for Drip Irrigation Demonstration. 	<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. ○ Updated the 5th Version of specification for Drip Irrigation Demonstration 	
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"> ○ Field monitoring on the constructed warehouses in ACs. ○ All 25 ACs construction have completed during the reporting period. 	<ul style="list-style-type: none"> ○ 80 ACs Completed construction 100% ○ Total 80 ACs 	<ul style="list-style-type: none"> ○ CS1-MAFF ○ PPIUs Continue to follow up on the ACs
1.d.2	<p>Photo-Voltaic study and Installation (for energy efficiency measures and solar power)</p> <p>At least 10 agribusinesses become more resource-efficient in energy savings (20%)</p>	<ul style="list-style-type: none"> ○ Produced 1 Solar Energy Technologies for sustainable agriculture and better incomes. ○ Supported PPIUs to conducted agri-business and AC board members meeting with business owner participation including female to promote RET for agricultural sustainability, better incomes. ○ Supported PPIUs to provide basic technical Operation and Maintenance O&M for 3 AC warehouse operators on RET used for agricultural improvement and incomes. ○ Provided technical supports to PPIUs to screen ten potential agri-business 	<ul style="list-style-type: none"> ○ Supported PPIUs to conduct 1 AC board members meeting in Takeo with 50 participants in of which 17 are female to promote RET for agricultural sustainability, better incomes. ○ Supported PPIUs to conducted 1 meeting with business owners in Takeo for 30 participants of which 6 are female selected Agribusiness to promote RET for agricultural sustainability, better incomes. ○ Discussed with 35 ACs board members and identified 10 potential Agribusinesses interested in investing solar technologies by selecting solar photovoltaic companies for to install RET for 2-3 agr-businesses. ○ Provided technical support 59 ACs board members on operation for signboards and 	<ul style="list-style-type: none"> ○ Promotion materials including profile, leaflets, banners and guidelines used for AC members and agribusinesses in and out of project targeted areas. ○ On progress ○ On progress

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		<p>to finalize commercial for business support including Business Plan and link to project cooperate banks with Green Finance for PV technologies investment for agriculare production, processing and after-post harvested handling.</p> <ul style="list-style-type: none"> ○ With green finance initiation (10 potential businesses) ○ Supported AC board members, PADC and MEW to set up solar power rooftop signboards for operation and maintenance. ○ Supported PPIUs to select solar photovoltaic companies for to install RET for 2-3 agr-businesses selected. ○ Supported PPIUs to design Solar PV technologies modules and packages to promote technologies for AC members and business owners to invest. ○ Supported PMU to produce solar technical specification for procurement process. 	<p>maintenance of solar power rooftop application. Technical operation and maintenance O&M is also supported to AC warehouse operators on RET used for agricultural improvement and incomes.</p> <ul style="list-style-type: none"> ○ Through technical support, PPIUs has identified screened 4 potential agri-business for further finalization. ○ Design Solar Technologies for Agribusiness investment options (5 technologies including water pump, egg incubator, hydroponics, dryer and feed grinding) to promote technologies for AC members and business owners to invest/ for sustainable agriculture and better incomes ○ Produced and submitted a draft solar technology specification for PMU procurement to finalize. ○ Designed operational signboard, printed and placed all 80 AC Warehouse, ○ 80 AC Warehouses are completed build with Solar PV installed and able to save 100% energy cost for their daily operation. ○ 3 Provincial Agriculture Development Center (PADC) built with Solar PV installed (3/4 completed built and installed- 75%) ○ 3 Mechanization Engineering Workshop- (MEW) built with Solar PV installed (3/4 completed built and installed- 75%) 	<ul style="list-style-type: none"> ○ On progress ○ On progress ○ The procurement process is on-going.

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	Equipment and materials for 15 Drip Irrigation Systems (includes tube wells/water source connection, solar pumps, and other agricultural inputs e.g. training)	<ul style="list-style-type: none"> ○ Reviewed solar technologies package for drip irrigation on mango demonstration. 	<ul style="list-style-type: none"> ○ Design a proper solar technology package for the implementing agency for further discussion. ○ Technical specification and bill of quantity of equipment and materials for 15 Drip Irrigation Systems was prepared by involving with MAFF-PMU, IA-GDA, DTL and other relevant consultants. 	<ul style="list-style-type: none"> ○ Installation of equipment and tools are included.
	<ul style="list-style-type: none"> -Supply circulated cylinder dryers for the 100-ton warehouses (2 Units) -Supply electrical voltage transformer set for 2 Units circulated cylinder dryers 	<ul style="list-style-type: none"> ○ Actions to carry forward the following months 	<ul style="list-style-type: none"> ○ Ongoing progress 	<ul style="list-style-type: none"> ○ Installation of equipment and tools are included.
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 	<ul style="list-style-type: none"> ○ Batch I- (71Km) with a total of 8 contracts ○ Construction is ongoing: <ul style="list-style-type: none"> ▪ 2 contracts for Takeo are (Lot 1&Lot 2) 100% completed. • 2 contracts for Kampot (Lot 1 and Lot 2- 100% completed. • 2 contracts for Kampongcham (Lot 1 & Lot 2) 100% completed. • 2 contracts Tboung Khmum (Lot 1 and Lot 2) 100% completed. ○ Batch II- (99.94Km) with a total of 8 contracts, only 6 contracts signed (with 70.86Km). <ul style="list-style-type: none"> ▪ 2 contracts for Kampot have been signed on 16 June 2023, , the construction progress is Lot 1= 47.00% and Lot 2= 40.00% 	CS1 (MRD)

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
			<ul style="list-style-type: none"> ▪ 2 contracts for Takeo have been signed on 3 February 2023, the construction progress is Lot 1=28.72% and Lot 2=53.66% ▪ 2 contracts for Kampong Cham have been signed on 16 June 2023, the construction progress is Lot 1=3.69% and Lot 2=21.46% ▪ 2 contracts for Tboung Khmum are under the bid evaluation process. ○ Batch III- (100.72Km) to be procured 100.72 km DED completed (95%) <p>Total planned 271.95 Km, but will procure only 250km due to budget limit.</p>	
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 the National Agriculture Laboratory upgraded	<ul style="list-style-type: none"> ○ Lab renovation: Lab renovation: Ready for daily laboratory work. ○ First batch of chemical reagents for biofertilizer laboratory is prepared for the procurement process. ○ Consumable materials and reagents for AWPB2024 is prepared 	<ul style="list-style-type: none"> ○ Lab renovation: construction completed ○ Net-house: construction is completed 100% ○ First batch of equipment is on ship now, and they are ready to install after the completed biofertilizer lab renovation. ○ The list of consumable materials and reagents for quality testing of biofertilizer and organic fertilizer 	The procurement process has been completed, and the service provider will prepare all list of equipment on the ship and then install them after lab renovation.
	establishing genetically modified organisms (GMO) and Phytotoxin	<ul style="list-style-type: none"> ○ Prepared the list of strip test kit for the GMO and phytotoxin: ongoing and follow up with GMO specialist by Lab coordinator ○ Revised the draft of Sample manual for GMO and Phytotoxin 	<ul style="list-style-type: none"> ○ Conducted of Technical training on GMO and Phytotoxin Analysis, 1 course total participant of 13 person and 9 person as femals. ○ Revised the list of strip test kit for GMO and phytotoxin. 	Continue the revising by expert
	supporting ISO 17025 accreditation	<ul style="list-style-type: none"> ○ Joining consultative workshop on SOP for biofertilizer quality testing manual (Takeo and Kampot province) ○ Joining consultative workshop on Cassava tissue culture manual development. ○ Introducing the genetically modified 	<ul style="list-style-type: none"> ○ Communication with Department of Accreditation (DA), Ministry of Industry, Science, Technology and Innovation (MISTI) ○ Meeting with NAL staff for getting understand their laboratory situation and assess to their understanding of ISO 17025 for support the AWPB2023 activities. ○ Joining workshop with specialist from 	The consultation and dissemination workshop will conduct to gather more inputs and finalize the manual to endorse it by quarterly 1.

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		<p>organism (GMO): benefits and concerns of GMO, and how the laboratory testing of GMO to PPUI staff and agriculture community members.</p> <ul style="list-style-type: none"> ○ Conducting consultative workshop on ISO 17025 accreditation guideline, 1 course total participant of 29 person and 9 person as femals. ○ Joining consultative workshop on SOP for organic fertilizer manual. ○ Discussed with DTL-CS2, Lab consultants and NAL's staffs on Cassava Tissue Culture Manual, Bio-fertilizer Manual, Guideline on ISO17025, and the activity plan for 2024. ○ Preparing PPT file in Khmer language for consultative workshop on ISO 17025 guideline ○ Field visits to promote the potential of the tissue culture-derived plantlets in increasing cassava productivity, and to promote the business opportunity of the products to the ACs and farmers in Takeo and Kampot provinces. 	<p>Department of Accreditation (DA) which prepared by Royal University of Agriculture (RUA) to get more input for ISO 17025 application.</p> <ul style="list-style-type: none"> ○ Finalizing the ISO 17025 guideline (6th final drafted revision, English version). The consolidation of inputs from relevant stakeholders is in final progress and will be endorsed soon. ○ Conducting TWG meeting on guideline for ISO 17025 application, for 2 courses total participant of 42 person and 16 person as femals. ○ Conducted of consultative workshop on ISO 17025 Accreditation guideline, for 3 courses total participant of 87 person and 27 person as females. ○ Preparing annex of SOP align with ISO 17025 standard in the final drafted manual for applying in national Lab. 	
	<p>Plant tissue culture (developing tissue culture protocols for banana and cassava)</p>	<ul style="list-style-type: none"> ○ Conducted consultative workshop on "Cassava plant tissue culture manual" development, 1 course total participant of 32 people and 10 people as females. ○ Internal meeting with DTL of CS2 on budged breakdown and following up capacity building training. ○ Cassava field visit and promote cassava plant tissue derived plantlets among AC to supporting NAL 	<ul style="list-style-type: none"> ○ On-going to developed manual of Cassava: completed of revising the 7th for final drafted and will be endorsed soon. The consultation workshop was conducted for 5 courses total participant of 138 person and 45 persons as females. ○ Develop training flip chart on "Cassava plant material collection for multiplication via tissue culture" to support promotion meeting for PDAFF. ○ Conducted of Field Sampling for Plant Tissue Culture (Cassava, Banana and 	<p>Prepared training materials and slide presentation next workplan for 2024.</p>

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		<ul style="list-style-type: none"> activities. ○ Revised “Cassava plant tissue culture” manual. 	<ul style="list-style-type: none"> ortamental plant) to Kampong Cham, Tboung Khmum, Takeo and Kampot Province, 2 courses total participant of 22 person and 16 person as femals. ○ Conducted of Oversea Training on Plant Tissue Culture, for 1 course total participant of 4 person and 4 person as females. 	
	Assisting the laboratory commercialization process	<ul style="list-style-type: none"> ○ Conducting Field visit to promote the potentials of the tissue culture-derived plantlets of cassava in increasing crop productivity among ACs and farmers, and to promote the business opportunity on cassava seed production (Laboratory commercialization and linking to the market) in Kampong Cham and Tboung Khmum (a total of 15 participants involved, of whom 6 were women) ○ Conducting meetings with AC boards and members to gather information and to analyze need assessment for the next trainings on commercialization on cassava seed production. ○ Conducted Peer-reviewing and editing the 7th draft version of Cassava Plant Tissue Culture Manual (Activities to support the Team). 	<ul style="list-style-type: none"> ○ Completed two trainings on laboratory commercialization and service marketing for PDAFF and ACs from 4 provinces. A total of 62 participants joining the orientation meeting, of whom 12 were women. ○ Finalized the assessment of analysis/testing capacities of other laboratories in Cambodia. ○ Held Discussion with NAL’s coordinator and tissue culture development specialist to determine primarily the price of rooting-plantlets of cassava. ○ Completed reviewing related documents on Seed Policy for Cambodia (Adopted in December 2016), Law on Biosafety in Cambodia (enacted by parliament on December 18, 2007), and The Enacted Law on Seed Management and Plant Breeder’s Rights (adopted by the parliament on April 08, 2008). ○ Continuing review on related documents, including “The legal framework on modern biotechnology developed by Codex Alimentarius Commission- FAO/WHO intergovernmental body”, “The Biosafety Regulations for GMO Crop in Asia-Pacific”, and “The Guideline and SOPs for GMO Field Trial and Safety Assessment”. ○ Conducted Peer-reviewing and editing the 5th to 7th draft version of Cassava Plant Tissue Culture Manual (Activities to support the Team). 	<ul style="list-style-type: none"> - Prepared training materials and slide presentation next month of workplan for 2024. - Conducting data entry from questionnaires from field survey to analyze the need assessment for trainings for the next trainings.

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
	Supply analytical testing equipment	<ul style="list-style-type: none"> All Lab equipment will be considered to procure limited quantities of supplies. 	<ul style="list-style-type: none"> Bid Evaluation Report (BER) for previous NCB equipment, 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)	<p style="text-align: center;"><u>Technical training to NAL staff and PDAFF staff</u></p> <ul style="list-style-type: none"> Start prepare the draft concept note and training materials for on-job training to NAL staff Prepare the training materials and poster on Sampling and handling techniques of biofertilizer and organic fertilizer for quality testing in lab <u>Develop manual:</u> Conducted of develop manual manual on SOP for quality testing of biofertilizer for 1 course total participant of 32 person and 6 as females. Conducted technical working group on SOP for quality testing of biofertilizer: completed (8th revision), for 1 course total participant of 22 person and 16 as females. Developed draft manual on SOP for quality testing of organic fertilizer: completed (7th final drafted revision) 	<ul style="list-style-type: none"> Conducted of Technical training on Bio-fertilizer/Bio-Pesticide Quality Testing, 3 courses total participant of 93 person and 24 person as females. Conducted of Technical training on Organic Fertilizer Quality Testing, 4 courses total participant of 116 person and 33 person as females. Conducted of Consultative workshop on SOP for biofertilizer fertilizer quality testing manual 8th version, 2 courses total participant of 65 person and 22 person as females. Developed draft manual on SOP for quality testing of organic fertilizer: completed (7th final drafted revision). The consolidation of inputs from relevant stakeholders is in final progress and will be endorsed soon. 	<p>The technical working group(TWGs) meeting was conducted to review and comment on the 6th draft of SOP for quality testing of organic fertilizer.</p> <p>TWGs meeting will conduct to review and comment on the 7th draft of SOP for quality testing of biofertilizer and all comments were wrapped up and developed the 8th draft version for the next consultation workshop in next month</p> <p>The 6th draft of ISO 17025 accreditation will be well prepared for the consultation workshop in the next activity</p>
Activity 1.5 Promoting renewable energy (bio-digesters and use of solar energy in target cooperative areas) for value chain improvement:				
1.f1.	6,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	<p><u>Bio-digester:</u></p> <ul style="list-style-type: none"> Ongoing works to follow up on the activities under the research, development, pilot and functioning use of the bio-digester. 	<p><u>Bio-digester:</u></p> <ul style="list-style-type: none"> Construction: not yet started (BER ongoing) 37,385 farmers (female =18,028 (48%)) as compare with the DMF=93.46%) have been trained and received information about 	According to the ADB-MTR has decided to reduce the target for biodigesters from 12,000 to 6,000 while maintaining the target of

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		<ul style="list-style-type: none"> ○ National workshop on Market-Connected Compost production 4 courses 154/42 are females. ○ Workshop on effectiveness of the application of adaptation techniques to climate change in the field experiment 4 courses 132/30 are female. ○ Training on Quality Control and Evaluation methods of construction for biodigester and compost hut 4courses 146/40 are female. ○ Exchange visit and understanding on compost processing and use from the source of the biodigester 4 courses 152/45 are female. ○ Training on biodigesster construction techniques quality control 4 courses 147/20 are female. 	<ul style="list-style-type: none"> ○ 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 18% (1078 HHs) ○ The key farmer who has an interest: ongoing 9.96% (598 HHs). ○ Research, development, pilot, and use of the biodigester: ○ 112 biodigesters construction completed and functioning with (448 beneficiaries (268 F). 	<p>6,000 compost huts which are constructed along with biodigesters, the Mission agreed with the PMU's proposal to change the procurement method from NCB to shopping, and given the higher contribution by the project for biodigesters and compost huts, the Mission proposed to reallocate some funds from other activities to meet the target.</p>
1.f2.	6,000 Compost-huts made operational benefiting 40,000 persons (50% are women)	<p><u>Compost-hut:</u></p> <ul style="list-style-type: none"> ○ Ongoing works to follow up on the activities under the research, development, pilot, and functioning use of the bio-digester. ○ National workshop on Market-Connected Compost production 4 courses 154/42 are females. ○ Workshop on effectiveness of the application of adaptation techniques to climate change in the field experiment 4 courses 132/30 are female. 	<p><u>Compost-hut:</u></p> <ul style="list-style-type: none"> ○ Construction: not yet started (BER ongoing) 37,385 farmers (female =18,028 (48%)) as compare with the DMF=93.46%) 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 18% (1078 HHs) 	<p>According to the ADB-MTR has decided to reduce the target for biodigesters from 12,000 to 6,000 while maintaining the target of 6,000 compost huts which are constructed along with biodigesters, the Mission agreed with the PMU's proposal to change the procurement method from NCB to shopping, and given the higher contribution by</p>

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		<ul style="list-style-type: none"> ○ Training on Quality Control and Evaluation methods of construction for biodigester and compost hut 4courses 146/40 are female. ○ Exchange visit and understanding on compost processing and use from the source of the biodigester 4 courses 152/45 are female. <p style="text-align: center;">Training on biodigesster construction techniques quality control 4 courses 147/20 are female.</p>	<ul style="list-style-type: none"> ○ The key farmer who has an interest: ongoing 9.96% (598 HHs). ○ Research, development, pilot and use of the compost hut: ○ 112 biodigesters construction completed and functioning with (448 beneficiaries (268 F). ○ Support input for integrated farming demonstrations: ○ 61 demonstrations and training were completed with 244 participants (122F) ○ 51 demonstration farmers and training have not yet started. 	the project for biodigesters and compost huts, the Mission proposed to reallocate some funds from other activities to meet the target.
	Establish a national framework on biodigester quality (standard development) and harmonize biogas initiatives in a private sector-friendly manner.	<ul style="list-style-type: none"> ○ Prepared concept notes and plan to conduct a dissemination Workshop on the National Biodigester Policy in Cambodia. ○ Worked on a Draft of Cambodian Domestic Biodigester Standard for Farmer's Friend Biodigester. 	<ul style="list-style-type: none"> ○ Policy on Biodigester Development in Cambodia 2021-2030, issued on 26 October 2021 by MAFF. ○ Draft Cambodian Domestic Biodigester Standard for Farmer's Friend Biodigester. 	
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"> ○ National reflection workshop on result progress of on-farm rice, cassava and maize seed production demonstration, Total participants 93 of which 28 are females. ○ Technical training on farm rice seed demonstration production to PDAFF staff by CARDI, Total participants is 16 including 7 are females. 	<ul style="list-style-type: none"> ○ One variety named Phka Rumduol was started to release since 1999. The project was selected this variety (medium maturity) to conduct the rice seed demonstration production in target province. <ul style="list-style-type: none"> - Tolerance biotic stress: Submergence 13days - Resistance biotic stress: Brown Plant Hopper susceptible ○ Rice seed Variety named CAR-16 have been released since 2016 before project started and the CARDI facilitated to conduct demonstration to disseminate in targeted 	Rice Seed released: <ol style="list-style-type: none"> 1) CAR16: released 2016 2) PHKA RUMDUOL released 1999 3) PHKA MEALDEY released 2018 4) Champeisar 70 released 2023

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
			<p>provinces.</p> <ul style="list-style-type: none"> - Tolerance biotic stress: Heat tolerance - Resistant to blast disease. - Potential characteristics: Early rice variety <ul style="list-style-type: none"> ○ Riice seed varieties, named Phka Mealdey (PMD) was release in 2018 during the project start the early stage. <ul style="list-style-type: none"> - Tolerance biotic stress: Drought submergence and lodging tolerance - Potential characteristics: Medium maturity ○ The new variety of Champeisar70 are released in 2023 for farmers' demonstration in CFAVC Project (Foundation seed from CARDI) <ul style="list-style-type: none"> - Potential characteristics: It is a light and fragrant rice variety that can have a high market price, early rice variety and aromatic. - Resistance biotic stress: Brown Plant Hopper (BPH) and Blast resistance <p>Currently, CARDI is developing rice varieties for high yield, good grain quality and resilience to climate change. The series of activities including, advancing generation in CARDI and multi-location trials in collaboration with PDAFF staff.</p> <ul style="list-style-type: none"> ○ Maize variety named CM1 was selected from Gemplasm collection (Sa Ang district Kandal Province) is a one glutinous maize variety have been released in 2015 before project started and then, CARDI conducted demonstration in targeted provinces. ○ Maize variety named CHM01 was released 	<p>Maize seed released</p> <p>1) CM1 released 2015 (from CARDI)</p> <p>2) CHM01 released 2020 (from GDA)</p>

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
			<p>in 2020 (seed from Banteaydek station, GDA). The CHM01 seed has potential characteristics such as:</p> <ul style="list-style-type: none"> - Highly resistant to Downy Mildew - Harly maturity (100 days to 105days harvestable) <ul style="list-style-type: none"> ○ CARDI provided 98 training of farmers group on best management practice (BMP) on rice , cassava, and maize and Rice seed production Technique and follow up (RSPT/FU); <p>Total training=2600 /1260(f)=48%</p> <ul style="list-style-type: none"> ▪ 2022 training=1300/609f ▪ 2023 progressed until end of Dec <ul style="list-style-type: none"> • 40 BMP training =1000/506Females • 12 RSPT training=300/145Females ○ National reflection workshop on result progress of on-farm rice, cassava and maize seed production demonstration, Total participants is 93 persons of which 28 persons are female. ○ Technical training on farm rice seed demonstration production to PDAFF staff by CARDI, Total participants is 16 including 7 persons are females. 	
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	In regard to reinforcing proficiency in climate-friendly production practices and technologies, the Training of Trainers (TOT) and refresher training courses, in addition to training for farmers by PPIUs of	<ul style="list-style-type: none"> ○ 17,069 farmers of which 8,027 were female (47%) trained on CSA, SRP, CamGAP, ACs business development plan (for ACs boards) landscape restoration (farm mechanization), dissemination workshop, best management practice and rice seed production techniques and follow up. The accumulate progress of 	

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		<p>the 4 Provinces, have yet to commence during this reporting period.</p> <p>National Level Team:</p> <ul style="list-style-type: none"> • GDA has made significant strides in enhancing our training program by aligning it real situation and best practices. GDA is continuously seeking out innovations to make our courses more relevant and engaging. • IAs (GDA and CARDI) has has prepared training materials, training plans and session plan for the training program, venue, time, resources, trainers and all other essentials have been carefully determined for optimal efficiency and effectiveness. <p>Provincial Level Team:</p> <ul style="list-style-type: none"> • PPIUs have conversed with local farmers, farm groups and agricultural community groups to understand their needs and expectations. ○ PPIUs have prepared their training implementation plans, budget breakdown, arrangements for the training materials and session plan to enhance the efficiency of the training delivery, based on local conditions and resources available. 	<p>Farmers trained in Climate-smart Agriculture and agribusiness development skills are:</p> <ul style="list-style-type: none"> ○ The training of farmers on Climate Smart Agriculture (CSA) was trained 3,825 persons of which 2,093 are females (55%). ○ The training of farmer on Sustainable Rice Production (SRP) was trained 5,902 of which 3,496 are females (59%). ○ The training of farmer on ACs boards on ACs business development was trained 2,582 of which 715 are females (28%). ○ The training of farmers on CamGAP was trained 823 farmers of which 336 are females (41%). ○ Training of farmers on landscape restoration (farm mechanization) was trained 2,249 farmers of which 644 are females (29%). ○ The workshop on contract farming and dissemination on procedure for seed registration and certification was trained 388 persons of which 86 are females (22%). ○ The training of farmers of best management practice (BMP) was trained 1,000 farmers of which 512 are females (51%) ○ The training of farmers on rice seed production techniques and follow up was trained 300 farmers of which 145 are females (46%) 	
	Support laser land leveling up to 3,000 ha (approximately 750 ha per province)	In this month, 18 irrigation systems(6 from FWUCs and 12 from ACs) were studies and identifies boundary for consider to select around 1600 ha for laser land levelling such as;	<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 	Based on minutes of Meeting with ADB and MAFF-PMU on CS3 Package

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		<ul style="list-style-type: none"> ○ 2 irrigation systems in KPT (AC, Reaksmeysamaky Ammatak and AC, kasikorsamakirongroeurng) ○ 3 irrigation systems in TAK (AC, Sdoksdam, Sampli Ankorreangsey and PouTasuy schemes) ○ 7 irrigation systems in KCM (Po Tatres, Toekchha east and Toek Chha west, Aphiwatmoulthan Yoeurng, Baray Andoung Arng, Aphiwatsrok Yoeurng and Sambomeanchey) ○ 6 irrigation systems in TBK (Tboung Damrei, Cham Tahoeng Damberong Roeurng, Samakikak, Romduoldountei and Samakimeanchey) 	<p>landholding assessed and mapping. Tender documents are being prepared by CS1 and in consultation with CS2 and the procurement unit of PMU.</p> <ul style="list-style-type: none"> ○ Summary progress of paddy selection for land leveling by Jan-Dec 2022. <ul style="list-style-type: none"> ○ Takeo: 125.89Ha with 935HHs(397F) ○ Kampot: 67.99Ha with 467HHs(260F) ○ KCham:166.40Ha with730HHs(258F) ○ TBK: 58.30Ha with 646HHs (302F) <p>Total: 418.58 Ha with 2,778HHs (1,227F)</p> <ul style="list-style-type: none"> • Other rest of 22 irrigation schemes were visited and identify 11 potential schemes will be consider to select around 1600 ha for laser land levelling such as; • 2 schemes in KPT(Takouch and Trapeangboeung schemes) • 3 schemes in TAK(Ta Oum, Sdoksap and Pou Tasuy schemes) • 3 schemes in KCM(Po Tatres, Toekchha east and Toek Chha west) • 3 schemes in TBK(Tboung Damrei, Cham Tahoeng and Kampongreaing schemes) <ul style="list-style-type: none"> ○ 18 irrigation systems (6 from FWUCs and 12 from ACs) were studies and identifies boundary for consider to select around 1600 ha for laser land levelling such as; <ul style="list-style-type: none"> • 2 irrigation systems in KPT (AC, 	<p>Dated: 02 August 2023 ,through the virtual Zoom Meeting propose to change the procurement procedure from NCB to shopping</p>

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
			Reaksmeysamaky Ammatak and AC, kasikorsamakirongroeurng) <ul style="list-style-type: none"> • 3 irrigation systems in TAK (AC, Sdoksdam, Sampli Ankorreangsey and PouTasuy schemes) • 7 irrigation systems in KCM(Po Tatres, Toekchha east and Toek Chha west, Aphiwatmoulthan Yoeurng, Baray Andoung Arng, Aphiwatsrok Yoeurng and Sambomeanchey) • 6 irrigation systems in TBK (Tboung Damrei, Cham Tahoeng Damberong Roeurng, Samakikak, Romduoldountei and Samakimeanchey). 	
	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"> ○ Monitor and field coaching key farmer for rice, cassava and maize seed demonstration in the field with PPIU for 2023 in 4 target provinces such as Rice seed demonstration production. ○ Other activities in the project work-plan has not yet started. 	1) Rice seed demonstration production(2020-2023) <ul style="list-style-type: none"> • Name of seed: PRD, PMD and CAR16 and Champeisar70 (Foundation seed from CARDI) • Seed distribution to key farmers(Foundation seed from CARDI)=5,060kg: • Surface: 95.54ha • Farmers demo:311p/145f • Average yield 3.98T/ha • Number seed produced: 262.497kg • Number seed multiplication to communities: 94.682kg(for all target provinces) <ul style="list-style-type: none"> ▪ 2023 seed distribution until Sept =1,790kg (PRD=1,420kg, PMD=120kg, CAR16=80kg and Champeisar70=170kg) ▪ Surface=35.46ha ▪ Key farmer demos=93/48f ▪ Sown=93 ▪ Transplanting =93 	Notes from from the filed demonstration: <ul style="list-style-type: none"> - 81 varieties, have the highest resistance to mosaic disease and high yields, farmers are highly interested. - Rayong-9, varieties are resistant to mosaic disease, moderate and high yielding, - Huay Bong-60, varieties that resist low mosaic disease and high yield. - KU 50, it’s a high-yielding cassava variety. It is well adapted to a wide range of growing conditions, has a low impact on soil quality,

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		<ul style="list-style-type: none"> ▪ Cassava seed demonstration production(2023) ▪ 10 key farmers were follow up and coaching. ▪ 2 farmers had harvest. <p>Maize seed demonstration progressed in month as below:</p> <ul style="list-style-type: none"> ▪ 9 key farmers were follow up and coaching ▪ 10 farmers harvested ▪ 6 farmers are planting in KCM 	<ul style="list-style-type: none"> ▪ Harvested=92 demos ▪ Seed multiplication to communities=25,107kg (PRD=14960kg, PMD=4467kg,CAR16= 2800kg and Campeisar70=2880kg) <p>2) Cassava seed demonstration production(2021-2023)</p> <ul style="list-style-type: none"> • Name of seed: 81, Rayong9, Hauybong60, KU50, (from Chamkaleu station) • Farmers demo:52/27f • Surface: 52ha(2020-2023) • Average yield 31.5T/ha(2021-2022) • Number cassava seed multiplication to communities: 10,000 bundles (at least 40ha) • Cassava seed distribution to key farmers=15,600bundles(81=11,250bundles and Rayon9=3000 bundles, KU50=225 bundles and Huybon60=1,125 bundles): - 2020-2022=12,000 bundles - 2023 progress until Sept distribution cassava seed =3600 bundles <ul style="list-style-type: none"> ▪ Key farmer demos=12/5f ▪ Surface=12ha <p>3) Maize seed demonstration production (2022-2023)</p> <ul style="list-style-type: none"> • Name of seed: CHM01 and CM1 (CHM01 from Banteaydek station/GDA and CM1 seed from CARDI) • Farmers demo:55/26f • Surface: 27.5ha 	<p>and provides a high starch content.</p> <p>- Maize crop 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 (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
			<ul style="list-style-type: none"> • Average yield 5.12T/ha • Many people interesting and need seed (CHM01) distribution to communities - 2023 progressed: <ul style="list-style-type: none"> • 19key farmers for maize seed demonstration were selected and planting in Kampot and kampongcham provinces • Surface=5ha • 150kg of maize (CHM01 from GDA, Banteaydek station) distribution to key farmers • 10 farmers harvested in KPT • 15 farmers are planting in KCM 	
2.c.1	27 FWUCS of FWUGS made full operational	<ul style="list-style-type: none"> ○ 1 FWUC and 1 FWUG completed 88% (Tbong Darei FWUC and Kampong Raing FWUG) ○ 10 FWUCS will start because of budget was approved, 	<ul style="list-style-type: none"> ○ 15 FWUCs/FWUGs completed 100%; ○ 10 FWUCS will start for this month Total 27 schemes (500 FWUCs) 	There is short budget for 10 new FWUCs/FWUGs either establishment or capacity building
2.c.2	500 Farmer Water User Communities (FWUCs) and Farmer Water User Groups (FWUGs) representatives developed the capacity to operate and maintain their irrigation schemes	<ul style="list-style-type: none"> ○ On the job training of: <ul style="list-style-type: none"> ▪ Bookkeeping, minute taking record, and report writing for 3 FWUCs in Takeo province. Total 92 participants of whom 29 are women. 	<ul style="list-style-type: none"> ○ 156 courses provided to 6,118 FWUCs/ FWUGs representatives and local authorities of whom 1,673 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. 	

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
2.d.2	4 Engineering workshops were made fully operational to provide agribusiness services	<ul style="list-style-type: none"> ▪ Other Items of training equipment: Visit the Mechanical Workshop at province 	<ul style="list-style-type: none"> ▪ Readiness of Mechanical Workshop in TBK, KPT, KCM for installation 	
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 work closely with key relevant sectors. - Reviewing and gathering inputs for the 4th drafted version of the Guideline to link with private sector engagement with the agriculture sector 	<ul style="list-style-type: none"> ○ PPP specialist on developing process framework with key relevant sectors. ○ Establishments Guideline Linked with Private Sector to the Market: completed (4th draft revision) to achieve the agribusiness group of contract farming 	PPP framework is on gathering relevant information from involved stakeholders.
3.b	Good Agriculture Practice for Tropical Fruit Endorsed (CamGAP)	<ul style="list-style-type: none"> ○ Meeting with AC boards and members seek inform and feedback on CamGAP training and Activities. Total 45 persons/27 are female from TBK, KCM, KPT and TAK. ○ Orientation meeting to potential ACs on CamGAP activities total 53 persons/29 are female from TBK, KCM, KPT and TAK. ○ After meeting with Agriculture cooperative boards and members, we have technical assistance for the CamGAP improvement practical. A total of 16/7 female field farmers have visited. 	<ul style="list-style-type: none"> ○ Tropical Fruit CAMGAP Standards development for mango has been developed under preparation for the draft version of CamGAP for tropical fruit. CS2 will coordinate with involving relevant departments (IA-GDA) to prepare it accordingly. This activity is already integrated into the Annual Work Plan and Budget 2024. ○ Awareness during the orientation meeting to AC boards and members on agri-business applied farm inspection and CamGAP standard and seeking inform and feedback on CamGAP training and activities. A total participants: 263 persons/ 132 are female. ○ The fieldwork has been visited at the mango farms and support technical for farm management based on the market to 99 persons/ 45 are female based on the standard requirement. ○ Technical support to 20 farmers/ 09 are female for applying CamGAP standard. 	
3.c	Good Agriculture Practices for organic fertilizer endorsed	<ul style="list-style-type: none"> ○ Ongoing work to develop the biofertilizer standard developments 	<ul style="list-style-type: none"> ○ Prepared concept note: completed ○ Developed draft manual on the biofertilizer standard development: Completed (7th 	National consultation workshop to review and comment of 6th draft manual on biofertilizer

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		and discussion with Lab coordinator and relevant stake holders.	revision)	standard development has been completed, then 7th version will conduct soon.
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"> ○ Conducted a meeting with ARDP to update on the Climate Change Financing Framework (CCFF) and it's proposal was submit to Green Climate Fund and expected approved by next board meeting in March 2024 ○ Conduct a meeting with H.E Choup Paris, Secretary of State, MoE and NDA to discuss on the access to the Green Financing and capacity Building to Local banks and MFI. ○ Conducted a meeting with Association of Bank Cambodia (ABC) to identify the Banks and MFIs to attend the training on Climate Change and Access to Green Climate Fund which will be in March 2024. ○ Discussed with ACLEDA bank to update on their proposal under CCFF and identify need for capacity building and readiness to access the green financing. 	<ul style="list-style-type: none"> ○ Identified: 50 Bank/MFI are initial indetified with the list of banks for the target of CSA and green financing. ○ TNA: was completed and oriented. ○ Training development plan: ongoing 80% ○ Development of training Materials: completed the designing and layout 100% ○ Delivery training: 5 training with ACLEDA and ARDB. ○ Development of green finance landscape report: completed drafted. ○ National Consultation on report: draft concept notes completed. ○ Engaged with green financing facility establishment (MOE/ARDB/NBC/Mekong Strategy Partners progressed) and waiting GCF reviewing and approval. ○ Consultation on the Green Financing with ARDB and ACLEDA. ○ 26 staff from the Associate Banks of Cambodia (ABA), Banks, Micro Financial Institutions, and ARDB of which 6 are females trained in CSA and green finance. 	
3.e	30 agribusinesses trained in green finance and CSA	<ul style="list-style-type: none"> ○ Discuss with the CASD project and MAFF team to discuss on the criteria to select the Acs for implementation the Modern Acs and targeting the Acs at Kampong Cham and Takeo province ○ Conducted discussion with 6 Agri-business Group and Acs to identify 	<ul style="list-style-type: none"> ○ 30 Agribusinesses identified the potential agri-business initiative. ○ TNA: ongoing 50% ○ Development and reviewing of training Materials: ongoing 70% ○ Develop the climate change training material ○ Conducted 2 training on Climate Change, Green Financing, and Climate Smart 	

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		<p>their potential agri-business and connect to Agriculture cooperative at 4 target provinces with 36 participants including 16 are women.</p> <ul style="list-style-type: none"> ○ Conducted a meeting with Director of the Department of Agriculture Cooperative, GDA to consult on the questionnaires and potential AC to identify their agri-business which is resilience to climate change 	<p>Agriculture to 77 participants including 17 women for PPIUs, Bank, MFI, ARDB, and ACs in four provinces.</p> <ul style="list-style-type: none"> ○ 6 Agribusinesses (most of them are males) such as 3 agribusiness from Sok Keo and Golden Rice from TAK and Amru Rice from KPT, 3 agribusiness from Green Feed, cassava and red maize buyers and private producing are invited to present on the agribusiness and linked with potential ACs in the workshop and exchange experiences. ○ Conducted discussion with 6 Agri-business Group and Acs to identify their potential agri-business and connect to Agriculture cooperative at 4 target provinces with 36 participants including 16 are women. ○ 34 agribusiness of which 8 are female (25%) are interviewed and discussed on the current agricultural business. These privates sectors will be screen to select the potentials private sectors for involved and initate to link with ACs in target provinces. ○ The questionnaires to access the 30 potential ACs was drafted and oriented with Agri-business group. 	

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
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 poster for providing TOT training to PPIUs at 4 provinces ○ Develop the leaflet for awareness raising on the climate change and agribusiness to distribute to farmers ○ Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan) ○ Draft the training material on climate data sharing and access to green financing to provide TOT training to PPIU to eco-training to farmers. ○ On-site meeting: 4 training orientations on the agribusiness to 4 ACs at 4 targeted provinces (Total participant: 46/ F=26) ○ Conducted awareness during the workshop on the effectiveness of the application of adaptation techniques to climate change in the field experiment in providing the information on climate risk-sharing instruments on crop insurance and green financing. A total is 132 of which 30 are females. 	<ul style="list-style-type: none"> ○ On-site meeting: 73 completed of meeting orientations on the agribusiness to ACs provided with information on climate risk-sharing instruments on crop insurance and green financing (Total Participant: 975 of which 414 are females). ○ Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan) ○ Develop extension materials: ongoing ○ Organize workshops to share climate information to ACs members: ongoing ○ Involved in signing 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"> ○ Prepared the and finalize the note book for 80 ACs have warehouse to record the In and Out of agricultural production. ○ Contributed and participated to present in the workshop and training of biodigester of compost hut on the improving value chain for agribusiness linked to market and private sector. 	<ul style="list-style-type: none"> ○ Crop-centric forums for rice, cassava, maize, mango, and other specific crops: 7 forums were conducted with a total of participants 291 (50F, equal 17%). ○ TOT Training on Producer Group Establishing Guideline to AC Committee: 1 courses of training with a total of participants 16 (6F, equal 38%) ○ Organizing District business forum between producer group and buyers (rice, maize, corn and mango): 1 forum conducted with a total of participants 47 (3F, equal 6%). ○ Awareness meeting on the concept and 	<ul style="list-style-type: none"> - In 2023 have a Contract farming organized by PDAFF-KPT - In 2023 have a Contract farming organized by PDAFF-KPT

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
		<ul style="list-style-type: none"> ○ Conducted field monitoring for ACs boards and members to observe the book keeping recording, business plan and leadership and management. 	<p>establishment of producer group: 6 meeting conducted with a total of participants 266 (162F, equal 61%). 6 meeting conducted with a total of participants 232 (130F, equal 56%).</p> <ul style="list-style-type: none"> ○ Meeting to develop internal regulations and production calendar plan. ○ Business Forum conducted 3 courses on rice, cassava and maize. The total participants are 80 persons of which 11 are Females. ○ Conducted 4 courses of legal farming contract signing consultation forum on rice, cassava and dry maize. The total participants asre 81 persons/16F ○ Dissemination meeting on the principles of contract farming: 6 meetings conducted with 300 (106F, equal 35%) ○ On review of PPP feasibility studies on specific crop commodities proposed by MAFF with the PMU team ○ Legal farming contract signing ceremony at provincial level was conducted 7events, total 53 of which 26 are females. ○ AC Kaksikor Rung Roerung in Kampot signed the contract farming with Amru Rice company on Rice amount 500Mt/year for one year period. ○ AC Ratanak Polroath Samaky in Kampot has a farming contract amount of 40Mt/y with local exported to Vietnam. ○ AC Arkpirak Ponhea Krek Dambae in Tboung Khmum signed the contract farming on fresh csaava with Heng Leap Company amount 1,888 Mt/year for one year period. ○ AC Kasekor Dambea in Tboung Khmum signed the contract farming on fresh cassava with Heng Leap Company amount 542 Mt/year for one year period. 	

No. DMF	Activities	Current Month ¹ (February 2024)	Accumulative to date ² (February 2024)	Remarks ³
			<ul style="list-style-type: none"> ○ Samaki Meanchey Agricultural in Tboung Khmum (cooperated with AC Samaki Khummean and AC Samaki OrLork) signed the contract farming on rice production with THAN CHEA Rice Miller 350 Mt/year for one year period. ○ Damrey Rameal AC in Takeo province with Amru Rice 850 Mt/year for one year period. ○ Ponleu Sareireang AC in Takeo province signed the contract farming on rice production with Sok Keo Rice miller amount 7.5 Mt/year for one year period. ○ Tuek Kraham Akphiwat Agricultural Cooperative in Kampot signed the contract farming on rice production with Amru Rice amount 100 Mt/year for one year period. ○ Rik Chamroeun AC in Kampot signed the contract farming on Rice Production with Sdoc Sdorm AC amount 60Mt/year for one year. 	
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"> ○ An 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 ○ Developing System Requirement and Architecture Report. ○ Preparation for the Pilot Program for climate-smart Agriculture 	

Activity	Prepared by Chhim Chhun	Checked by Sopha Sovannareth	Approved by Biranchi Kumar Choudhury
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