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CLIMATE-FRIENDLY AGRIBUSINESS VALUE CHAINS SECTOR PROJECT (CFAVC)



PROJECT PERFORMANCE MONITORING SYSTEM (PPMS) UPDATE REPORT

July – December 2023

January 2024

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ACRONYMS AND ABBREVIATIONS

AC	Agricultural Cooperative
ADB	Asian Development Bank
AESA	Agri-consulting Europe S. A
ASEAN	Association of Southeast Asian Nations
BER	Bid Evaluation Report
BPCR	Borrower's Project Completion Report
BoQ	Bill of Quantities
CAMGAP	Cambodia Good Agricultural Practice
CARDI	Cambodia Agricultural Research and Development Institute
CAVAC	Cambodia Agricultural Value Chain Program
CFAVC	Climate Friendly Agribusiness Value Chains Sector Project
CGF	Climate Green Fund
CRM	Certified reference materials
CSA	Climate Smart Agriculture
CS1	Project Implementation Consultants (PIC)
CS2	Capacity Building and Climate Smart Agribusiness Consulting Team
CS4	Information Communication Technology Platform
CS5	Feasibility Studies and Detailed Engineering Design Consulting Firm
CSR	Corporate Social Responsibility
DACP	Department of Agricultural Cooperative Promotion
DAEng	Department of Agricultural Engineering
DAL	Department of Agricultural Legislation
DAM	Department of Agricultural Machinery
DDR	Due Diligence Report
DED	Detailed Engineering Design
DMF	Design and Monitoring Framework
DoPS	Department of Planning and Statistic
DRP	Draft Resettlement Plan
DTL	Deputy Team Leader
EA	Executing Agency
EARF	Environmental Assessment and Reviewing Framework
ECC	Environmental Code of Conduct
EIRR	Economic Internal Rate of Return
ELC	Economic Land Concessions
EMP	Environmental Management Plan
FAO	Food and Agriculture Organization
FGD	Focus Group Discussion
FSR	Feasibility Study Report
FWUC	Farmer Water User Community
FWUG	Farmer Water User Groups
GAP	Gender Action Plan
GCF	Green Climate Fund
GDA	General Directorate of Agriculture

GDAHP	General Directorate of Animal Health and Production
GDR	General Department of Resettlement
GFP	Gender Focal Point
GHG	Greenhouse Gases
GMO	Genetically Modified Organism
GMS	Greater Mekong Subregion
GRM	Grievance Redress Mechanism
GSA	Climate Smart Agriculture
ha	Hectare
IA	Implementing Agency
ICT	Information and Communication Technology
IEE	Initial Environmental Examination
IMC	Inter-Ministerial Committee
IRC	Inter-Ministerial Resettlement Committee
IRRI	International Rice Research Institute
ISO	International Standards Organization
ITP	Independent Third Party
KCM	Kampong Cham province
Km	Kilometer
KW	Kilowatt
KPT	Kampot province
LARF	Land Acquisition and Resettlement Framework
M&E	Monitoring and Evaluation
MAFF	Ministry of Agriculture, Forestry, and Fisheries
MC	Main Canal
MEF	Ministry of Economics and Finance
MFI	Micro-finance Institution
MIH	Ministry of Industry and Handicrafts
MISTI	Ministry of Industry, Science, Technology and Innovation
MOC	Ministry of Commerce
MOE	Ministry of Environment
MOLMUPC	Ministry of Land Management, Urban Planning and Construction
MOU	Memorandum of Understanding
MOWRAM	Ministry of Water Resources and Meteorology
MRD	Ministry of Rural Development
NAL	National Agricultural Laboratory
NBP	National Biodigester Program
NCB	National Competitive Bidding
NCO	National Laboratory Coordinator
NGO	Non-government Organization
NSC	National Standard Council
NTD	National Technical Department
O&M	Operation and Maintenance
PADC	Provincial Agricultural Development Center
PAM	Project Administration Manual
PBL	Plant Biotechnology Laboratory

PCR	Polymerase chain reaction
PD	National Project Director
PDAFF	Provincial Departments of Agriculture, Forestry and Fisheries
PDRD	Provincial Department of Rural Development
PDWRAM	Provincial Department of Water Resources and Meteorology
PEW	Provincial Engineering Workshop
PIC	Project Implementation Consultants
PIU	Project Implementation Unit
PM	National Project Manager
PMU	Project Management Unit
PPIU	Provincial Project Implementation Unit
PPC	Project Preparation Consultant
PPMS	Project Performance and Monitoring System
PPP	Public Private Partnership
PPTA	Project Preparation Technical Assistance
PV	Photo-voltaic
QPR	Quarterly Progress Report
RDC	Resources Development Consultants
REDD+	Reducing emissions from deforestation and forest degradation in developing countries, and the role of conservation, sustainable management of forests, and enhancement of forest carbon stocks in developing countries
RGC	Royal Government of Cambodia
RF	Resettlement Framework
RP	Resettlement Plan
SEO	Social and Environmental Officer
SRP	Sustainable Rice Platform
SWOT	Strength, Weakness, Opportunity and Threat
TA	Technical Assistance
TAK	Takeo province
TBK	Tbong Khmum province
TC	Technical Committee
TL	Team Leader
TOR	Terms of Reference
TOT	Training of Trainers
UNFCCC	United Nations Framework Convention on Climate Change
WFN	Women Farmers' Network
WG	Working Group

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1 Introduction

1. The Cambodian Ministry of Agriculture, Forestry and Fisheries (MAFF) is the Executing Agency (EA) of the “*Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)*” with as implementing agencies (IA) the Ministry of Water Resources and Meteorology (MOWRAM) and the Ministry of Rural Development (MRD), while the Ministry of Commerce is involved also. Within MAFF there are 3 IAs as follows a) the General Directorate of Agriculture (GDA), b) the Cambodian Agricultural Research and Development Institute (CARDI), and c) the General Directorate of Animal Health and Production (GDAHP). Staff from PDAFF, PDWRAM, and PDRD from four provinces are central to implement the project effectively.
2. The Project Steering Committee (PSC) is chaired by a Secretary of State of MAFF and with representatives (at the level of Under Secretary of State or above) from MEF, MOWRAM, MRD, Ministry of Commerce (MOC), Ministry of Industry, Science, Technology and Innovation (MISTI) (formerly MIH) and the Ministry of Environment (MOE). The role of the PSC is to provide oversight, coordination, and policy guidance in all aspects of project implementation, except land acquisition and resettlement which is the responsibility of the Inter-Ministerial Resettlement Committee (IRC).
3. The CFAVC project originally had a 5-year implementation period and was stated in late 2019 and is scheduled to be completed by late 2024, but in the November 2021 ADB review mission the ADB and RGC agreed to a 1.5-year extension, so the closing date will be 30 September 2026.
4. This PPMS (Project Performance Monitoring System) report of the CFAVC project covers the period July – December 2023. This report has been drafted by the CS01-PMIC (Project Management and Implementation Consultants) consultants, with support of the other mobilised consultants (CS02 for Capacity Building & Climate Smart Agribusiness) and CS05 (Feasibility Study & Detailed Design). It is approved by PMU.

2 The CFAVC Project

2.1 Outcome

5. The CFAVC project aims at addressing the low value addition, low productivity and extensive use of natural resources by enhancing the climate resilience of critical agriculture infrastructure and facilitating commercialization of 4 crops, viz. rice, maize, cassava, and mango production. It further aims to increase crop productivity and diversification; improve the capacity for storage, processing, and quality and safety testing; and promote the use of solar and bioenergy while reducing GHG emissions and increasing climate resilience. It also plans to strengthen the technical and institutional capacity for climate smart agriculture and to create an enabling policy environment for climate-friendly agribusinesses.

2.2 Outputs

6. The CFAVC project has 3 Outputs as follows:

Output 1: Critical Agribusiness Value Chain Infrastructure Improved and Made Climate Resilient. The output addresses infrastructure gaps to enhance competitiveness of the value chains of rice, maize, cassava and mango in target provinces. Key activities include:

- i. Rehabilitating at least 15,000 Ha irrigation (in 27 schemes) and water management infrastructure (800 rainwater harvest ponds) to climate-resilient condition;
- ii. Upgrading agricultural cooperatives’ value chain infrastructure (drying, processing and storage facilities of at least 80 cooperatives);
- iii. Improving the connectivity of farms to cooperatives and markets through climate-resilient farm road networks of at least 250 km length;
- iv. Strengthening the infrastructure for agricultural quality and safety testing at National Agricultural Laboratory; and

- v. Promoting renewable energy for value chain improvement by means of the installation of 12,000 bio-digesters and 6,000 compost huts.

Output 2: Climate Smart Agriculture and Agribusiness Promoted.

Key activities under this output include

- i. Deploying climate-resilient varieties for rice (2 varieties) and maize;
- ii. Strengthening the capacity in climate-friendly production practices and technologies;
- iii. Forming and training 27 Farmer Water User Committees in the 27 irrigation schemes, and
- iv. Promoting farm mechanization and extension with the improvement of 4 PADCs and 4 agricultural workshops.

Output 3: Enabling Environment for Climate Friendly Agribusiness Enhanced. The project assists the Ministry of Agriculture, Forestry and Fisheries and the Ministry of Commerce in creating an appropriate enabling policy environment for agribusinesses. Key activities include:

- i. Formulating climate-friendly agribusiness policies and standards;
- ii. Promoting green finance and risk-sharing mechanisms; and
- iii. Supporting climate risk management through information and communication technologies (ICT).

2.3 Location

7. In compliance with the principle of promoting regional cooperation, integration, and trade, the CFAVC project focuses on strengthening agribusiness value chains in Kampong Cham and Tboung Khmum provinces along the GMS southern economic corridor and Kampot and Takeo provinces along the GMS southern coastal economic corridor.

2.4 Fund Resources

8. The CFAVC project has a total budget of US 141.4 million, including a US 90 M ADB loan and from the Green Climate Fund (GCF) a US 30 million grant and a US 10 million loan. The rest are contributions from the RGC and the beneficiaries.

Table 1. Budget and Funding Arrangements Loan Funds (US\$)

Activity	TOTAL Budget (\$)	ADB Loan	CGF(S\$)	
			Loan	Grant
Irrigation, Ponds and Roads	78,796,750	60,537,190	9,963,900	8,295,660
Acs and Laboratory	5,762,800	5,762,800	0	0
Other infrastructure	1,444,650	1,330,600	0	114,050
Equipment, Materials, Goods and Implementation Costs	27,543,130	16,757,700	0	10,785,430
Training, Workshops and Demonstrations	7,456,780	0	0	7,456,780
Bio-digesters and Compost Huts	2,854,150	0	0	2,854,150
Incremental Operating Costs	4,681,030	4,187,100		493,930
Interests and Fees	1,460,710	1,424,610	36,100	0
TOTAL	130,000,000	90,000,000	10,000,000	30,000,000

3 General Developments

9. The most important developments during this 6-month reporting period were:
 - ADB Mid-Term Review Mission from 25 September to 6 October 2023.

4 Progress in Achieving DMF targets

10. The progress with the achievement of the DMF targets is shown in Annex 1.

5 Updated Physical Progress

11. As of December 2023, the project has consumed (time elapsed) **65%** (62 out of 95 months), overall disbursement is **28.7%**, and expenditures rate is **27.3%** of the total fund (141.04M\$), and the overall project progress is **56.33%**, with full details in Annex 2.

Table 2. Physical Progress as per 31 December 2023

Output and Activities		Assigned weight	PHYSICALLY WEIGHTED PROGRESS (%)
			31/12/2023
Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient			
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15.00	6.84
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5.00	1.50
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15.00	8.36
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15.00	14.25
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	5.00	4.54
1.f 1	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	5.00	1.00
1.f 2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5.00	1.91
sub-total Output 1		65.00	38.39
Output 2 – Climate-smart Agriculture and Agribusiness Promoted			
2.a	3 Additional climate-resilient varieties of rice and maize released	5.00	1.92
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5.00	2.80
2.c .1	27 FWUCS of FWUGS made full operational	3.00	1.74
2.c .2	500 FWUCS of FWUGS developed capacity to operate and maintain their irrigation schemes	3.00	1.88
2.d .1	4 Agricultural development centers made fully operational to provide agribusiness services	2.00	1.90
2.d .2	4 Engineering workshops made fully operational to provide agribusiness services	2.00	1.90
sub-total Output 2		20.00	12.14
Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced			
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	2.00	1.06
3.b	Good Agriculture Practice for tropical fruit endorsed	2.00	1.12
3.c	Good Agriculture Practice for organic fertilizer endorsed	2.00	0.94

3.d	50 Staff from financial institutions trained in CSA and green finance	2.00	0.83
3.e	30 agribusinesses trained in green finance and CSA	2.00	0.95
3.f	20,000 Households provided with information on climate risk-sharing instruments	2.00	0.75
3.g	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	3.00	0.15
	sub-total Output 3	15.00	5.79
OUTPUT	Output 1	65.00	38.39
	Output 2	20.00	12.14
	Output 3	15.00	5.79
TOTAL Output (1 + 2 + 3)		100.00	56.33

Table 3. Comparison Physical and Financial Progress as per 31 December 2023

EAs/ IAs	Budget (Allocation)	Total Disbursement	Progress Rate %	
			Physical	Overall Expenditures Rate
PMU-MAFF	57,149,457	22,588,638	61%	39.5%
MOWRAM	44,235,807	7,539,930	47%	17.0%
MRD	37,349,607	8,420,922	56%	22.5%
TOTAL	138,734,871	38,549,490	56.33%	27.3%

12. Tables 4 and 5 show the updated Disbursement status as per 31 December 2023 while Annex 3 shows the disbursement for the 3 involved IAs individually. The total amount disbursed has reached 27.3 % of the total project amount of \$141,040,000.

Table 4. Disbursement per Fund Source at 31 December 2023

SOURCE	Budget (Allocation)	2023 Annual Budget	Year to date Expenditures (31/Dec/23)	Cumulative to date Expenditures (31/Dec/23)	Overall Expenditures Rate %	
					2023	Overall
ADB loan (L3661)	90,000,000	24,610,392	18,509,289	30,728,809	75.2%	34.1%
GCF loan (L8346)	10,000,000	2,163,610	1,426,096	1,967,091	65.9%	19.7%
GCF Grant (G0579)	30,000,000	6,448,185	2,855,421	5,064,331	44.3%	16.9%
RGC	7,376,000	170,320	163,929	789,258	96.2%	10.7%
Beneficiaries	3,664,000	-	-	-	-	0.0%
TOTAL	141,040,000	33,392,507	22,954,735	38,549,490	68.7%	27.3%

Table 5. Details Disbursement per Ministry at 31 December 2023

EAs/ IAs	Budget (Allocation)	2023 Annual Budget	Year to date Expenditures 31/Dec/2023	Cumulative to date Expenditures 31/Dec/2023	Overall Expenditures Rate %	
					2023	Overall
PMU-MAFF	57,149,457	14,420,493	11,501,630	22,588,638	79.8%	39.5%

MOWRAM	44,235,807	9,654,920	4,868,728	7,539,930	50.4%	17.0%
MRD	37,349,607	9,317,094	6,584,377	8,420,922	70.7%	22.5%
Unassigned (Interest Charges)	2,305,129	-	-	-	0.0%	0.0%
TOTAL	141,040,000	33,392,507	22,954,735	38,549,490	68.7%	27.3%

6 Recapitulation Progress July – December 2023

For the progress of each outputs and activities show as following.

6.1 Output 1: Critical Agribusiness Value Chain Infrastructure Improved and Made Climate Resilient

The output addresses infrastructure gaps to enhance competitiveness of the value chains of rice, maize, cassava and mango in target provinces. Below is the progress by each activities and sub-activities:

Activity 1.1. Rehabilitating water management infrastructure:

Sub-activities	Progress	Remarks
27 Irrigation and water management systems rehabilitated and made climate-friend	<ul style="list-style-type: none"> ○ 25 schemes DED completed (14,172 Ha) ○ 2 schemes DED ongoing (935Ha) 7% ○ Completed construction (100%) 9=3,250Ha Total 27 schemes	
800 On-farm rainwater harvesting ponds commissioned	<ul style="list-style-type: none"> ○ Construction has not yet started ○ 278 completed DED and are in the stage of the procurement process ○ 521 not yet started Total: 800	
15 drip irrigation demonstration units on mango farmers' land	<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 not completed based on technical specifications. ○ 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. 	<ul style="list-style-type: none"> ○ It is in the stage of the procurement process ○ Prepared BOQ of 15 Drip Irrigation Systems – version 2

Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

Sub-activities	Progress	Remarks
80 Agricultural cooperatives	<ul style="list-style-type: none"> ○ 80 AC Warehouses are completed build with Solar 	<ul style="list-style-type: none"> ○ PPIUs followed-up and provided

have integrated adaptation measures in postharvest infrastructural investments	<ul style="list-style-type: none"> ○ PV installed (completed construction 100%) ○ 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"> ○ supports for operating the facility. ○ Proposed one PADC will continue to build in Kampot. ○ One MEW will continue to build in Takeo while waiting the approval of procurement plan.
<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"> ○ Set up Solar PV rooftop user guide for ACs, PADC and MEW to operate Solar PV system accurately, ○ Discussed with 35 ACs and identified 10 potential Agribusinesses interested to invest solar technologies, ○ Design 4 Solar PV technology modules and packages to promote the Solar PV technology to ACs and Agribusinesses, ○ Provided technical operation on solar power rooftop application to 36 ACs, ○ Designed operational signboard, printed and placed all 80 AC Warehouse, ○ 86 Solar PV installed at the AC Warehouse, PADC and MEW are able to save 100% energy cost for their daily operation. 	Final design meeting schedule and accepted by PPIUs for the actions
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"> ○ Designed Draft-Version Solar Water Pump specification and submitted for Procurement process. 	Technology specification, Installation, testing, operation and maintenance 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"> ○ Ongoing progress ○ Actions planned to carry forward in 2024. 	Further discussion need to specify and finalize will take in 2024.

Activity 1.3 Improving Connectivity to Cooperatives and Market through climate resilient farm road networks

Sub-activities	Progress	Remarks
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"> ○ Batch I- (71 Km) with a total of 8 contracts ○ Construction is ongoing: <ul style="list-style-type: none"> ▪ 2 contracts for Takeo are 99.41% completed • 2 contracts for Kampot 97.10% completed • 2 contracts for Kampong Cham 97.20% completed • 2 contracts Tboung Khmum 95.20% completed ○ Batch II- (100.12Km) with a total of 8 contracts, only 6 contracts signed (with 70.86 Km). <ul style="list-style-type: none"> ▪ 2 contracts for Kampot have been signed on 16 June 2023, the construction progress is 23.61%. ▪ 2 contracts for Takeo have been signed on 3 February 2023, the construction progress is 15.33%. ▪ 2 contracts for Kampong Cham have been signed on 16 June 2023, the construction progress is 0.07%. 	Due to budget limit, this activity will procure only 250km

	<ul style="list-style-type: none"> ▪ 2 contracts for Tbong Khmum have been signed on 22 September 23, the construction is not yet started. ○ Batch III- (100.72Km) to be procured 81.36 km DED completed (95%) <p>Total planned 271.95 Km</p>	
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1.4 Strengthening Infrastructure for agricultural quality and safety testing at the National Agricultural Laboratory (NAL)

Sub-activities	Progress	Remarks
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. ● Net-house: construction ongoing 100% ● 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.
Establishing genetically modified organisms (GMO) and Phytotoxin	<ul style="list-style-type: none"> ● Revised the list of equipment for GMO and phytotoxin. ● Technical training on GMO & Phytotoxin - 2nd Training was conducted on 20-22 Dec 23 	The activity will continue on 2024
supporting ISO 17025 accreditation	<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 Department of Accreditation (DA) which prepared by Royal University of Agriculture (RUA) to get more input for ISO 17025 application. ○ Finalizing the ISO 17025 guideline (6th revision, English version) ○ Preparing PPT file in Khmer language for consultative workshop on ISO 17025 guideline ○ Conducting TWG meeting on guideline for ISO 17025 application, for 2 courses total participant of 62 persons and 16 persons as females. ○ Conducted of consultative workshop on ISO 17025 Accreditation guideline, for 1 course total participant of 29 persons and 9 persons as females. 	Planned continue implementing of manual on 2024 to completed in first quarter of 2024.
Plant tissue culture (developing tissue culture	<ul style="list-style-type: none"> ○ On-going to developed manual of 	

<p>protocols for bananas and cassava)</p>	<p>Cassava: completed of revising 7th draft and conducted the workshop for 2 courses total participant of 65 persons and 19 persons as females.</p> <ul style="list-style-type: none"> ○ Conducted Consultative workshop on development of Cassava plant tissue culture manual, 2 courses total participant of 41 persons and 16 persons as femals. ○ Develop training flip chart on “Cassava plant material collection for multiplication via tissue culture” ○ Conducted of Field Sampling for Plant Tissue Culture (Cassava, Banana and ortamental plant) to Kampong Cham, Tboung Khmum, Takeo and Kampot Province, 2 courses total participant of 22 persons and 16 persons as females. ○ Conducted of Oversea Training on Plant Tissue Culture, for 1 course total participant of 4 person and 4 person as females. 	
<p>Assisting the laboratory commercialization process</p>	<ul style="list-style-type: none"> ○ 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 for support the AWPB2023 activities and for technical need assessment (TNA) from participant. ○ Discussion with NAL's coordinator and tissue culture development specialist to determine the price of rooting- plantlets of cassava and banana for prepare the report to TL. ○ Reviewing Guidelines and SOPs for GMO field trial and safety assessment to support the team. ○ Completed the Training on laboratory commercialization and service marketing for PDAFF and ACs from Kampong Cham, Tboung Khmum, Takeo and Kampot provinces at Kampong Cham and Kampot, 2 courses total participant of 62 persons and 12 persons as females. ○ Meeting and Sharing knowledge on plant tissue culture and laboratory commercialization in Kampong Cham and Tboung Khmum provinces to combine the input for develop the Cassava manual. ○ Attending the ADB mid-term review meeting (Kick-off and Wrap-up meetings) at MAFF ○ Joining the Technical working group on the development of SOP for organic fertilizer quality testing to support the team. ○ Peer-reviewing and editing manual on Cassava Plant Tissue Culture to support the team. ○ Meeting and Sharing knowledge on plant tissue culture and laboratory commercialization in Takeo and Kampot 	<p>All activities are ready for implementation by experts.</p>

	<p>provinces to support the AWPB2023 activities: Completed</p> <ul style="list-style-type: none"> ○ Assessment of analysis/testing capacities of other laboratories in Cambodia: Completed ○ Preparation lessons for training on lab commercialization and service marketing: completed ○ Preparation of concept note: Completed ○ Preparation of Opening speech for speech for training on Laboratory commercialization and service marketing for PDAFF: Completed ○ Seed Policy for Cambodian (adopted in December 2016): Completed ○ Law on biosafety in Cambodia enacted by parliament on 28 December 2007: Completed ○ The enacted Law on Seed Management and Plant Breeder's Rights adopted by the parliament on April 08, 2008: 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 ○ Retrieving and Reviewing Guideline and SOPs for GMO field trial and safety assessment: On-going 	
Supply analytical testing equipment	All Lab equipment will be considered to procure limited quantities of supplies.	Bid Evaluation Report (BER) for previous NCB equipment, ongoing
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"> ○ Conducted of Technical training on Bio-fertilizer/Bio-Pesticide Quality Testing, 3 courses total participant of 93 persons and 24 persons as females. ○ Conducted of Technical training on Organic Fertilizer Quality Testing, 4 course total participant of 116 persons and 33 persons as females. ○ Developed draft manual on SOP for quality testing of biofertilizer: completed (7th revision) and conducted of Consultative workshop on SOP for biofertilizer fertilizer quality testing manual, 1 course total participant of 34 persons and 11 persons as females. ○ Developed draft manual on SOP for quality testing of organic fertilizer: completed (7th revision) : Pending 	<p>The technical working group(TWGs) meeting was conducted to review and comment on the 5th draft of SOP for quality testing of organic fertilizer at the end of August</p> <p>TWGs meeting will conduct to review and comment on the 6th draft of SOP for quality testing of biofertilizer at the mid of September</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

Sub-activities	Progress	Remarks
6,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	<ul style="list-style-type: none"> ● Construction: not yet started (BER Biodigester 2nd round-Rebid) ● Construction of biodigester, 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 	According to the ADB-MTR has decided to reduce the target for biodigesters from 12,000 to 6,000 while maintaining the target

	<p>huts which are constructed along with biodigesters, the Mission agreed with the PMU's proposal to change the procurement method from NCB to shopping</p> <ul style="list-style-type: none"> • 35,895 farmers (female =16,915 (47%)) as compare with the DMF=89.7%) 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) • The key farmer who has an interest: ongoing 9.96% (598 HHs). • Research, development, pilot, and use of the biodigester: • 69 biodigesters construction completed and functioning with (332 beneficiaries (172 F)). 	<p>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 the project for biodigesters and compost huts, the Mission proposed to reallocate some funds from other activities to meet the target.</p>
<p>6,000 Compost-huts made operational benefiting 40,000 persons (50% are women)</p>	<ul style="list-style-type: none"> • Construction: not yet started (BER Compost hut 2nd round-Rebid) • Construction of the compost hut, the target of 6,000 compost huts which are constructed along with biodigesters, the MTR-ADB's mission agreed with the PMU's proposal to change the procurement method from NCB to shopping. • 35,895 farmers (female =16,915 (47%)) as compare with the DMF=89.7%) 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 Compost hut. • The key farmer who has intended to buy: ongoing 17% (1078 HHs) • The key farmer who has an interest: ongoing 9.96% (598 HHs). • Research, development, pilot and use of the compost hut: • 69 compost-hut construction completed with (332 beneficiaries (172F)) • Support input for integrated farming demonstrations: • 61 demonstrations and training were completed with 244 participants (122F) 	<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 the project for biodigesters and compost huts, the Mission proposed to reallocate some funds from other activities to meet the target.</p>
<p>Establish a national framework on biodigester quality (standard development) and harmonize biogas initiatives in a private sector-friendly manner.</p>	<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. 	

6.2 Output 2: Climate Smart Agriculture and Agribusiness Promoted.

Below is the progress by each activities and sub-activities:

Activity 2.1 Deploying climate-resilient varieties

Sub-activities	Progress	Remarks
3 Additional climate-resilient varieties of rice and maize released	<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 provinces. <ul style="list-style-type: none"> - Tolerance biotic stress: Heat tolerance - Resistant to blast disease. - Potential characteristics: Early rice variety ○ Rice 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 and 70days early rice variety. - 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 in 2020 (seed from Banteaydek station, GDA). The CHM01 seed has potential characteristics such as: <ul style="list-style-type: none"> - Highly resistant to Downy Mildew - Harly maturity (100 days to 105days harvestable) ● CARDI provided 104 training of farmers group on best management practice (BMP) on rice , cassava, and maize and Rice seed production 	

	Technique and follow up(RSPT/FU); <ul style="list-style-type: none"> ● Total training=2600 /1260(f)=48% ● 2022 training=1300/609f ● 2023 progressed until December(1300/651f) <ul style="list-style-type: none"> • 40 BMP training =1000/506f • 12 RSPT training=300/145f 	
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Activity 2.2 Strengthening Capacity in climate-friendly production practices and technologies

Sub-activities	Progress	Remarks
40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	<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. <p>The accumulate progress of 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%) 	The training of farmers on CSA, SRP, CamGAP, ACs business development plan (for ACs boards) landscape restoration (farm mechanization) have continued actively conducted by PPIUs in 4 target provinces.
Support laser land leveling up to 4,000 ha (approximately 1,000 ha per province)	<ul style="list-style-type: none"> ○ Identified 05 new irrigation schemes for the possibility of laser land leveling in project area 2 schemes in Takeo, 1 scheme in Kampot, one 1schemes in Tboung Khmom, and 01 scheme in Kampong Cham province Package 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) 	Ongoing progress of field interview, identification and procurements preparation in 4 target provinces.

	<ul style="list-style-type: none"> ○ KCham: 166.40Ha with 730HHs (258F) ○ TBK: 58.30Ha with 646HHs (302F) ○ Total: 418.58 Ha with 2,778HHs (1,227F) 	
<p>Conduct “learning by doing” training by demonstrating and training in farmer fields in specific locations with three sites in each province</p>	<p>1) Rice seed demonstration production (2020-2023)</p> <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: 94.682 kg (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) <ul style="list-style-type: none"> ▪ Surface=35.46ha ▪ Key farmer demos=93/48f ▪ Sown=93 ▪ Transplanting =93 ▪ Harvested=86demos ▪ Seed multiplication to communities=2810kg (CAR16= 450kg and Campeisar70=2360kg) <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=15,600 bundles (81=11,250bundles and Rayon9=3000 bundles, KU50=225 bundles and Huybon60=1,125 bundles): <ul style="list-style-type: none"> - 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 ● Average yield 5.12T/ha ● Many people interesting and need seed(CHM01) 	<p>Notes from from the filed demonstration:</p> <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, and provides a high starch content. - 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>distribution to communities</p> <p>- 2023 progressed:</p> <ul style="list-style-type: none"> • 10key farmers for maize seed demonstration were selected and planting in Kampot province • Surface=5ha <p>○ 150kg of maize (CHM01 from GDA, Banteaydek station) distribution to key farmers</p>	
27 FWUCS of FWUGS made full operational	<p>○ 17 FWUCs/FWUGs completed 100%;</p> <p>○ 10 FWUCS not yet started (no budget)</p> <p>Total 27 schemes (500FWUCs)</p>	There is a short budget for 10 new FWUCs/FWUGs either establishment or capacity building
500 Farmer Water User Communities (FWUCs) and Farmer Water User Groups (FWUGs) representatives developed the capacity to operate and maintain their irrigation schemes	<p>○ 369 FWUCs representatives of out 500 FWUCs have been trained 150 courses provided to 5,910 FWUCs/FWUGs representatives and local authorities of whom 1,608 were women;</p>	

Activity 2.3 Promoting farm mechanization and extension.

Sub-activities	Progress	Remarks
4 Agricultural development centers were made fully operational to provide agribusiness services	<p>○ 3 PADCs building construction completed.</p> <p>○ Waiting the approval of procurement plan to continue the construction of 1 PADC in KPT.</p>	
4 Engineering workshops were made fully operational to provide agribusiness services	<p>○ 3 MEWs building construction completed.</p> <p>○ Submitted final versions of BOQ of Material for Mechanical Workshop to the Procurement Unit to continue the construction of 1 MEW in Takeo.</p> <p>○ Prepared BOQ of Five units of Maize Shellers (2 tons) – version 2</p> <p>○ Prepared BOQ of Six Paddy Milling Equipment – version 1</p>	

6.3 Output 3: Enabling Environment for Climate Friendly Agribusiness Enhanced.

The project assists the Ministry of Agriculture, Forestry and Fisheries and the Ministry of Commerce in creating an appropriate enabling policy environment for agribusinesses.

Activity 3.1: Formulating climate-friendly agribusiness policies and standards

Sub-activities	Progress	Remarks
Policy on Climate Smart and Gender Responsive Agribusiness and PPP Framework formulated	<p>○ 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.</p>	
Good Agriculture Practice for Tropical Fruit Endorsed (CamGAP)	<p>○ Tropical Fruit CAMGAP Standards development for mango has been developed Under preparation the draft version of CamGAP for tropical fruit. CS2</p>	Introduction meeting with AC 53 persons/18 females, to agriculture cooperative committees, and

	<p>will coordinate with involving relevant departments (IA-GDA) to prepare it accordingly. This activity is already integrated in the Annual Work-plan and Budget 2024.</p> <ul style="list-style-type: none"> ○ Awareness during the consultation meeting to AC committees on agri-business and CamGAP standard total participants: 165 persons/76 are female. ○ The field work has been visit at the mango farms and support technical for farm management base on market to 59 per/22 are female base on standard requirement. ○ Technical support to 20 farmers/ 09 are female for apply CamGAP standard. 	managing commercial farmers for the standard for the market.
Good Agriculture Practices for organic fertilizer endorsed	<ul style="list-style-type: none"> ○ Conducted of Technical training on Organic Fertilizer Quality Testing, 4 course total participant of 116 persons and 33 person as females. ○ Developed draft manual on SOP for quality testing of organic fertilizer: completed (7th revision) : Pending 	.National consultation workshop to review and comment of 6 th draft manual on biofertilizer standard development has been completed, then 7 th version will conduct soon.

Activity 3.2 Promoting green finance and risk sharing mechanisms

Sub-activities	Progress	Remarks
50 Staff from financial institutions trained in CSA and green finance	<ul style="list-style-type: none"> ○ Identified: 50 Bank/MFI are initial identified for the target of CSA and green financing. ○ TNA: was completed and oriented. ○ Training development plan: ongoing 80% ○ Development of training Materials: ongoing 70% ○ 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. 	<ul style="list-style-type: none"> ○ Conducted meeting with Wing Bank, Chamroeun MFI, Praseny Bank which was contract with MAFF to provide the matching fund to ACs under CASD Project. Acs can develop the agri-business plan to access the financing by 40% receive grant and 60% loan with 6%-6.5% per annually. ○ Discussed with ACLEDA bank to update on their proposal under CCFF and identify need for capacity building and readiness to access the green financing.
30 agribusinesses trained in green finance and CSA	<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 	<ul style="list-style-type: none"> ○ Discuss with the CASD project and MAFF team to gather the criteria to select the Modern ACs in Kampong Cham and Takeo province ○ 18 agribusiness of which 4 are females were interviewed to find the

	<p>Smart 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. ○ 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 initiate to link with ACs in target provinces. ○ The questionnaires to access the 30 potential ACs was drafted and oriented with Agri-business group. 	<p>possibility to connect and link with ACs.</p>
20,000 Households were provided with information on climate risk-sharing instruments	<ul style="list-style-type: none"> ○ On-site meeting: 63 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: 729 of which 326 are females). ○ Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan) ○ Develop extension materials: ongoing 60% ○ Organize workshops to share climate information to ACs members: ongoing 5% ○ Involved in signing agreement on data sharing with Forte on Crop Insurance. 	<ul style="list-style-type: none"> ○ Draft the training material on climate data sharing and access to green financing to provide TOT training to PPIU to eco-training to farmers. ○ Discuss with Forte crop insurance on the developing guideline. ○ On-site meeting: 6 training orientations on the agribusiness to 6 ACs at Kampong Cham and Takeo (Total participant:57 F=24)
Creating an enabling environment for PPPs in agribusiness in the four value chains;	<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 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%). ○ Meeting to develop internal regulations and production calendar plan. ○ Business Forum conducted 3 courses on rice, cassava and maize. The total 	<ul style="list-style-type: none"> ○ Crop-centric forums for rice, cassava, maize, mango, and other specific crops: 2 forums were conducted with a total of participants 92 (22F, equal 24%).

	<p>participants are 80 persons of which 11 are Females.</p> <ul style="list-style-type: none"> ○ Conducted 4 courses of legal farming contract signing consultation forum on rice, cassava and dry maize. The total participants are 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 7 events, total 53 of which 26 are females. ○ AC Kaksikor Rung Roerung in Kampot contract farming with Amru Rice company on Rice amount 500 Mt/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 Tboundg 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 Tboundg Khmum signed the contract farming on fresh cassava with Heng Leap Company amount 542 Mt/year for one year period. ○ Samaki Meanchey Agricultural in Tboundg 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. 	
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Activity 3.3 Supporting Climate Risk Management through Information and Communication Technologies (ICT)

Sub-activities	Progress	Remarks
Supporting Climate Risk Management through Information and	<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. 	

Communication Technologies (ICT)	<ul style="list-style-type: none"> ○ 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. 	
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7 Detailed Progress per Project Output

7.1 Output 1: Critical Agribusiness Value Chain Infrastructure Improved and Made Climate Resilient,

7.1.1 Output 1.a: Rehabilitation of Irrigation Schemes

7.1.1.1 Step 1: Scheme Selection and Feasibility

- 27 schemes have been identified. For details on scheme feasibility and DED reference is made to Annex 4.

7.1.1.2 Step 2: Topo-survey

- Topo surveys are finished for all 27 schemes

7.1.1.3 Step 3: DED

- For details on progress with Design reference is made to Annex 4.

7.1.1.4 Step 4: Procurement

- Batch I including 9 schemes has been finished the procurement process and it is in the stage of construction which the progress is about 97% and cover the command areas 3,250ha. Batch II is still in the stage of procurement process.

7.1.1.5 Step 5: Implementation

- Batch I including 9 schemes, 6 schemes have completed the construction and 3 schemes is under construction that its progress is 90 %.

7.1.1.6 Step 6: O&M by FWUC

- 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%) with full details in Annex 13.
- 10 FWUCS not yet started (no budget)

7.1.2 Output 1.b.1: 800 on-farm rainwater harvesting ponds commissioned

- MOWRAM will implement these works.
- Construction has not yet started
- 279 completed DED and are in the stage of the procurement process with full details in Annex 4.
- 521 not yet started

7.1.3 Output 1.b.2: 15 drip irrigation demonstration

- MAFF will implement these works.
- 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.

7.1.4 Output 1.c: At least 250 km of farm roads upgraded to climate resilient standards

7.1.4.1 Step 1: Scheme Selection and Feasibility

-
- The farm-road program planned for 2020 consisting of 8 subprojects divided into 4 packages, with total length of 71.099 km, see Annex 6.
- The FS of the 20 subprojects were reviewed, finalized and submitted to MRD on the 18 Nov 21 for further action to ADB.
- The Affected Households (AHs) for the Takeo Road subprojects under packages CW17b-CFAVC-MRD-TK3-2020 (Lot 1) and CW17b-CFAVC-MRD-TK4-2020 (Lot 2) were paid by GDR/MEF from the 8-10 Dec 2021, however the contract is not yet awarded awaiting official letter from the GDR to MRD confirming that the contractor can proceed with the construction works, see table 6.1 of Annex 6.
- The overall feasibility studies have been progressed 100% completed.

7.1.4.2 Step 2: Toposurvey

- For the AWP 2021 farm-road subprojects, covering 100.01 km, topographical surveys are for 95% completed, the Traffic count about 95% completed, and the Geotechnical investigation survey about 95% completed.

7.1.4.3 Step 3: DED

- Of the AWP2021 roads, covering 100.1 km, the detailed engineering designs (DED) has progressed for 73%.

7.1.4.4 Step 4: Procurement

- The procurement processes were completed for these road subprojects with total contract value of \$ 8,665,818.34, see Annex 6.
- Twenty road subprojects planned in 2021 have been divided into 8 packages with total road length of about 100 km, and these roads are under the design process with estimate cost of \$ 14,000,000.00.

7.1.4.5 Step 5: Implementation

- Batch I- (71Km) with a total of 8 contracts
- Construction is ongoing:
 - 2 contracts for Takeo are 94% completed
 - 2 contracts for Kampot 81% completed
 - 2 contracts for Kampongcham 76% completed
 - 2 contracts Tboung Khmum 79% completed
- Batch II- (100.12Km) with a total of 8 contracts, only 6 contracts signed (with 70.86Km).
 - 2 contracts for Kampot have been signed on 16 June 2023, the construction is not yet started.
 - 2 contracts for Takeo have been signed on 3 February 2023, the construction progress is 5%.
 - 2 contracts for Kampong Cham have been signed on 16 June 2023, the construction is not yet started.
 - 2 contracts for Tbong Khmum is under bid evaluation process.
- Batch III- (100.72Km) to be procured 100.72 km DED completed (95%)

7.1.4.6 Step 6: O&M by FWUC

Nothing to report as no activities yet.

7.1.5 Output 1.d: 80 agricultural cooperatives have integrated adaptation measures

- The 20 AWP 2020 AC Storages, which the contract was signed on 16th Aug 2021 is completed.
- The program for AWP 2021 (35 Acs) is ongoing with details in Annex 7.
- The AWP2022 remaining 25 ACs are under the process of identification and selection, including the detailed engineering design.
- The AC storages have been designed to equip with solar energy to be installed with solar panels on roof top of the building. The Feasibility studies and assessing the potential application for the photo voltaic among the ACs were assessed to reduce energy cost among agribusinesses in the value chain.

7.1.6 Activity 1.e: Strengthening infrastructure for agricultural quality and safety testing at national agricultural laboratory (NAL)

7.1.6.1 1.e.1: Crop product quality and safety testing laboratory and lab-equipment upgraded

- Lab equipment, materials, chemical & reagents were submitted and accepted by the project procurement with full details on progress in Annex 8.
- Material specification for greenhouse was prepared and was submitted to engineering team for bidding document preparation.

7.1.6.2 1.e.2: Bio-fertilizer & Bio-pesticide Production and Quality Testing

- Reviewing of the law for the management of pesticide and fertilizer (2012) and reviewing of the existing relevant regulation under the law as well as the international standard for bio-fertilizer and organic fertilizer.
- The National Bio-fertilizer specification and standard was drafted and was submitted to NAL's director and the team leader of GDA's (AI) for reviewing and commenting.

7.1.6.3 1.e.3: Plant Tissue Culture Development

- The greenhouse materials were specified for procurement document preparation and submission.
- Meeting with laboratory coordinator and engineering team was organized to finalize greenhouse design, facilities, and equipment needed for greenhouse.
- Reviewed methodology, guideline for banana production through tissue culture,
- The developed first draft of the Banana TC manual
- The developed first draft of Cassava TC manual

7.1.6.4 1.e.4: Support to achieve ISO 17025 accreditation compliance/registration

- No activity has been undertaken yet awaiting expert mobilization;

7.1.6.5 Sub-target 1.e.4: Improve Staff Competencies

- Due to COVID-19 pandemic, and restriction in traveling, in organizing group meeting and or training, therefore the training plan has been proposed moving to 2022
- Preparing single source selection for specific technical training on tissue culture development, biofertilizer production and quality testing, and bio-pesticide production and quality testing
- Prepared training material for on the job-training on tissue culture development, biofertilizer and biopesticide to NAL's staff

7.1.6.6 Sub-target 1.e.5: Support in business plan to get recovery

- No activity has been undertaken yet awaiting expert mobilization;

7.1.7 Activity 1.5: Promoting Renewable Energy in target Cooperatives for Value Chain Improvement

7.1.7.1 Step 1: Socialization

- In the framework of socialization of this activity has the CS02 team conducted the following activities
 - (i) Conducted integration workshop on national policy for biodigester development in Cambodia.
 - (ii) Conducted coordination meeting among PPIUs and relevant stakeholders to speed up and monitoring activities implementation.
 - (iii) Conducted commune and provincial workshop biodigester and compost hut program information dissemination to relevant stakeholders.
 - (iv) Conducted field coaching for 10 group of farmers with 120 people, 33 are women
 - (v) Selected 11 model farmers, 7 are women for conducting on-far, demonstration with using bio-slurry on food crop production. with full details in Annex 9

7.1.7.2 Step 2: Identification of Potential Beneficiaries

- Identification of new additional eligible and interested farmers for biodigester and compost hut construction through field coaching and mentoring on promotion and marketing via small group or village meeting to identify and select interested clients.

7.1.7.3 Step 3: Survey and DED

- In progress

7.1.7.4 Step 4: Procurement

- The 2021 and 2022 tenders failed due to too complex tender process. The revised bidding document for third round tendering was prepared and was submitted to the ADB for the NOL

7.1.7.5 Step 5: Implementation

As of the reporting period there is no one of biodigester and compost hut construction has been started, due to unsuccessful first procurement process.

7.2 Output 2: Climate Smart Agriculture and Agribusiness Promoted

7.2.1 Seed deployment, during the reporting period, achieved as the following:

7.2.1.1 New Rice Variety Development

Due to the delay in the recruitment of the CS03 consultant no progress to report.

7.2.1.2 New Cassava Variety development

Due to the delay in the recruitment of the CS03 consultant no progress to report.

7.2.1.3 Laser land leveling, during the reporting period

Followed up data collection for laser land levelling. Total of 418.58 ha of paddy field identified for laser land levelling with full details in Annex 11.

- Takeo with total of 125.89 hectares with total of 935 households, 395 are women
- Kampot with total of 67.99 hectares with total of 467 households, 260 are women
- KCM with total of 166.29 hectares with 730 households, 258 are women
- Tboung Khmum with total of 57.42 hectares with total of 646 households, 302 are women

7.2.2 Training of Farmers in CSA, SRP capacity to farmers and institutional

During the reporting period, achieved as the following:

- Conducted TOT training on CSA to PPIU's staff in Kampot,

- Conducted training on agribusiness development skills training to AC members and farmer groups across target provinces
- Conducted SRP training to farmers across target provinces
- Conducted CamGAP for mango-to-Mango training farmers across target provinces
- Conducted farm mechanization to farmer groups and AC members across target provinces
- Conducted training on drip irrigation system to farmer groups with total of 20 people, from this 13 are women.

7.2.3 *Establishment of FWUCs and Training of FwuC members*

- FWUC establishment Disseminate the sub-degree 31 to local authorities and beneficiaries of Trapeang Beung with full details in Annex 13

7.2.4 *O&M of FWUCs of irrigation schemes*

- Not yet started as no schemes completed.

7.2.5 *Construction of PADCs*

- Conducted training to farmers on farm mechanization in target province, total of 50 farmers, from this 12 are women with full details in Annex 14.

7.2.6 *Construction of Agricultural Workshops*

- Conducted training to farmers on farm mechanization in target province, total of 50 farmers, from this 12 are women with full details in Annex 14.

7.3 ***Output 3: Enabling Environment for Climate Friendly Agribusiness Enhanced***

7.3.1 *Development of Policy on gender responsive Climate friendly Policy*

- Continued review of existing relevant policy and standard documents concerning with CamGAP Standards for Organic fertilizer;
- Reviewed reliable references from different sources and developing a draft national biofertilizer and organic fertilizer specification for Cambodia with full details in Annex 15

7.3.2 *Development of Policy on CAMGAP for Biodigesters and Bioslurry and Organic Fertilizer*

- Submitted drafted national biofertilizer specification standard for Cambodia to NAL's Director for review and acceptance;
- Review reliable reference from difference sources and developed first draft of plant tissue culture (banana and cassava) manual;
- Reviewed existing technical working group (TWG) of GDA to provide internal consultation discussion on the draft of national biofertilizer specification for Cambodia.

7.3.3 *Training on Agribusiness and Green Finance Instruments*

- Desk reviewed of project inception report, annual work plan, and relevant existing materials related to green finance with full details in Annex 17;
- Prepared initial training need assessment questionnaire.

7.3.4 *ITC development*

- Annex 18 shows the inception report of the CS04 consultant. .

8 Social Due Diligence

13. The 2 Semi-annual Social Safeguard monitoring reports for the Years 2020, 2021 and 2022 have been issued and the draft Jan-Jun 2023 report will be submitted soon. For more details reference is made to these 6 reports.

9 Environmental Due Diligence

14. The 2 Semi-annual Environmental Safeguard monitoring reports for the Years 2020, 2021 and 2022 have been issued and the draft Jan-Jun 2023 report will be submitted soon. For more details reference is made to these 6 reports.

10 Social Development and Gender (SDG)

15. The 2 Semi-annual Gender monitoring reports for the Years 2020, 2021 and 2022 have been issued and the draft April-September 2023 report will be submitted soon. For more details reference is made to these 6 reports.

11 Consulting Services

11.1 CS 01

AESA has meanwhile submitted a proposal for additional services for the extension period September 2026 for the CS01 contract.

11.2 CS 02

16. EGen has meanwhile submitted a proposal for additional services for the extension period September 2026 for the CS02 contract.

11.3 CS 03

Tor still in discussion.

11.3.1 CS04

17. RDC has meanwhile mobilised their team in this reporting period.

11.3.2 CS05

18. RDC has meanwhile submitted a proposal for additional services for the extension period September 2026 for the CS05 contract.

12 Issues and Constraints

112. The remaining low speed of the social safeguard screening of all civil works programs (farm-road, irrigation and the MAFF Civil work program) remains to slow down the implementation speed of the CFAVC project enormously, with as result that the irrigation and road programs are still working on the AWP 2020 and AWP 2021 subprojects. The main causes for this are:

- insufficient TA resources for all 3 TA packages CS01, CS02 and CS05
- insufficient resources for the collection of social safeguard primary data,
- long time of processing and payment of land compensation by GDR for category B sub projects and
- the blocked recruitment of the ITP TA package for the category C projects as MEF is of the opinion that all TA of CFAV has to be recruited by MAFF/use MAF financial resources.

113. The Ukraine war, which started late February 2022, has caused a worldwide inflation and increase in energy prices which has also led into an increase in construction costs for the CFACF project. The impact of these increases are as follows: a) for all tenders which took place before the start of the war with implementation to take place after the start of the war, the contractors will have difficulties to implement the works with the increased construction costs as these contracts do not have an escalation clause and b) for all contracts to be tendered after late February the construction costs will be more than foreseen in the CFAVC costtab.
114. The program for renewable energy needs to be reformulated both in terms of target and implementation method.
115. Due to the 18-month extension of the CFAVC project additional funds are required for the extension of the PMU and PPIU operation and of the CS01 PIC consultants.
116. The extremely lengthy process of procurement process of the CS03 consultant is still ongoing and is seriously delaying the implementation of some activities of Output 2.
117. The low TA PM allocations for packages CS01, CS02 and CS05, which have resulted in nearly all positions being intermittent are another reason for the slow implementation of the CFAVC project, also because of the relatively high staff-turnover

Annexes

Annex 1. Update DMF Indicators as per 31 December 2023

Results Chain	Performance Indicators	Items	Unit	Baselines (2017)	Targets (2026)	Progress as of Q4 2023	Remarks (for the current quarter)	
Outcome:	By 2026							
Productive and resource efficient agribusiness value chains developed in project areas	a. At least 15% increase in yields (2017 baseline: rice 2.7 tons, maize 4 tons, cassava 20 tons and mango 15 tons/ha).	Rice yield	tons/ha	2.70	3.11	0	not yet due	
		Maize yield	tons/ha	4.00	4.60	0	not yet due	
		Cassava yield	tons/ha	20.00	23.00	0	not yet due	
		Mango yield	tons/ha	15.00	17.25	0	not yet due	
	b. GHG emissions reduced (CO2)	CO2	tons	-	240,000	0	not yet due	
	c. At least 50 agribusinesses become more resource efficient in terms of water savings (5-10% efficiencies); energy savings (20%); and reduction in post-harvest losses (10%) (2017 baseline: 0).	water savings (5-10% efficiencies)			-		0	not yet due
		energy savings (20%)			-		0	not yet due
	reduction in post-harvest losses (10%)			-		0	not yet due	
Outputs:	By 2024							
1. Critical agribusiness value chain infrastructure improved and made climate resilient	1a. 27 irrigation and water management systems targeting 15,000 ha and 25,000 households (with at least 50,000 women) rehabilitated and made climate resilient (2017 baseline: 0).	Schemes	#	0	27	9	Completed construction 9 schemes=3,250Ha	
		Command areas	ha	0	15,000	3,250	Based on DED	
		Household	#	0	25,000	3195	Based on DED	
		Women	#	0	50,000	8795	Based on DED	
	1b. 800 on-farm rainwater harvesting ponds commissioned (2017 baseline: 0).	Ponds	#	0	800	0	278 completed DED and already awarded contract	
1c. At least 250 km of farm road networks upgraded to climate standards to improve connectivity	Farm road networks	Km	0	250	67.29	272 km completed DED, 67.29 km		

	of farms to cooperatives and markets (2017 baseline: 0).						completed construction
	1d. 80 agricultural cooperatives integrated adaptation measures in post-harvest infrastructure investments (2017 baseline: 5).	agricultural cooperatives	#	5	80	80	80 ACs Completed construction 100%
	1e. Crop product quality and safety testing infrastructure in National Agricultural Laboratory upgraded to test 1500 samples (2017 baseline: 700) and generate service income more than \$75,000 (2017 baseline: \$0).	Test sample	#	700	1500	0	
		Generate service income	\$	0	\$ 75,000	0	Lab renovation: construction completed, Net-house: construction is completed 100%
	1f. 6,000 additional biodigesters and 6,000 compost huts made operational benefitting at least 80,000 persons, including at least 50% women beneficiaries, due to improved household air quality (2017 baseline: 11,468 persons, including 5,721 women).	biodigesters	#	-	6,000	69	The project identified 4,156 farmers of which 2,087 farmers are female for the potential to build the Biodigester; 69 biodigester demonstration construction completed and functioning with (332 beneficiaries (172 F).
		compost huts	#	-	6,000	69	The project identified 4,156 farmers of which 2,087 farmers are female for the potential to build the Compost hut ; 69 compost-hut

							construction completed with (345 beneficiaries (186F)).	
		operational benefitting	Person	11,468	80,000	35,895	for both bio-digesters and compost-huts	
		Women	Women	5,721	40,000	16,915	for both bio-digesters and compost-huts	
2. Climate smart agriculture and agribusiness promoted	2a. Three additional climate resilient varieties of rice and maize released (2017 baseline: 0)	Rice	varieties	0	2	1	o One rice variety, named Champeisar70 are released in 2023 for farmers' demonstration in CFAVC Project	
		maize	varieties	0	1	0		
	2b. 40,000 farmers (of whom 16,000 are women) trained in CSA and agribusiness development skills, of which 50% are SRP compliant with direct links to millers and exporters (2017 baseline for SRP compliance: 0).	farmers trained in CSA and agribusiness development skills	farmers			40,000	16,116	
		farmers trained in CSA and agribusiness development skills	women			16,000	7,757	
		50% are SRP compliant with direct links to millers and exporters	farmers			20,000	6,258	
	2c. 27 FWUCs/FWUGs made operational and 500 FWUC/FWUG members (of which 30% women) developed capacity to operate and maintain their irrigation schemes (2017 baseline: 0).	FWUCs/FWUGs made operational	FWUCs/FWUGs	0		27	17	17 completed (FWUCs already established), 10 not yet started
		FWUC/FWUG members (representatives) developed capacity to operate and	persons	0		500	369	369 FWUCs representatives of out 500 FWUCs

		maintain their irrigation schemes					have been trained 106 courses
		30% women FWUC/FWUG members (representatives) developed capacity to operate and maintain their irrigation schemes	Women	0	150	108	
	2d. 4 provincial agricultural development centers and 4 engineering workshops made fully operational to provide agribusiness services and strengthen farmer value chain linkages (2017 baseline: 0).	provincial agricultural development centers	#	0	4	4	4 completed construction
		engineering workshops	#	0	4	4	4 completed construction
3. Enabling environment for climate friendly agribusiness enhanced	3a. Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework focusing on agribusinesses formulated (2017 baseline: 0)	Draft of Climate Smart and Gender Responsive Agrib-policy	Policy	0	1	0.5	
		Draft CSA policy	Policy	0	1	0.5	
		Draft guidance manual for climate neutrality and adaption for agribusiness operation	Prakas	0	1	0.5	
		Draft IDP strategy for climate friendly agribusiness		0	1	0.65	
		Draft PPP framework formulated	Framework	0	1	0.3	
	3b. CAMGAP for tropical fruit and organic fertilizers endorsed as national standard for tropical fruit and organic fertilizers (2017 baseline: 0).	Guidance manual for climate neutrality and adaptation standards for agribusiness operation	Strategy	0	1	1	
Climate-friendly become more widely utilized with eight of largest Cambodia millers/exporters being part of alliance		Rice miller	0	8	1		

	Standards on CamGAP tropical fruit formation	Standard	0	1	0.5	
	Development of standards for organic fertilizer	Standard	0	1	1	
	Development of IDP strategies for climate friendly agribusiness	Strategy	0	1	0.75	
	National standards on biodigester development	Standard	0	1		
	Socialize GAP Standards for tropical fruit	No	0	2	0.2	
3c. 50 staff, including 30% women, from financial institutions trained in CSA and green finance (2017 baseline: 0).	Implementation of training on green finance in CSA	Staff	0	50	26	Identified: 50 Bank/MFI
		Women	0	15	6	
	Implementation training in green finance	Staff	0	50	26	
		Women	0	15	6	
3d. 30 agribusinesses, including 30% women-led and/or owned,*** trained on green finance and CSA (2017 baseline: 0).	Implementation of training on green finance in CSA	Staff	0	30	6	- Identified: 30 ACs/ Agribusiness - Delivery training: 17 completed (Total participants: 301, Female: 147)
		Women	0	9	0	
	Implementation training in green finance	Staff	0	30	6	
		Women	0	9	0	
3e. 20,000 households, including 20,000 women, provided with information on climate risk sharing instruments (2017 baseline: 0).	Implementation of training on green finance in CSA	HHs	0	20,000	672	
		Women	0	20,000	302	
3f. ICT platform for climate friendly agribusiness established in Kampong Cham province (2017 baseline: 0).	Development of ICT	No	0	1	0	design phase
	Purchase of equipment	No	0	1	0	Inception phase
	Installation of the center	No	0	1	0	Inception phase

Annex 2. Physical Progress as per 31 December 2023

Output 1:

ACTIVITY	SUBACTIVITY	UNIT	DMF SCORE	OVERALL TARGET	Sub-Weight (%)	Progress December 2023				
						DMF weight (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	
			(A)	(B)	(C)	(D)	$E=(F/B)*100$	F	$G=(E*D)/100$	
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	Step 1A: Identification of ISs	Schemes	15	27	5	0.75	100.00	27	0.75
		Step 1B: Feasibility Study incl safeguards	Schemes		27	10	1.5	92.59	25	1.39
		Step 2: Topographic Survey	Ha		15,000	10	1.5	100.00	15,000	1.50
		Step 3 + 4: DED & Tender file	Ha		15,000	10	1.5	83.33	12,500	1.25
		Procurement	Ha		15,000	5	0.75	21.67	3,250	0.16
		Rehabilitated & Climate resilient (Construction Works)	Ha		15,000	55	8.25	21.67	3,250	1.79
		O&M	Schemes		27	5	0.75	0.00	-	0.00
		Sub-total					100	15		
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	Identification of ponds	no	5	800	7.5	0.375	34.75	278	0.13
		Farm identification for drip system	no		15	2.5	0.125	100.00	15	0.13
		DED Ponds	no		800	20	1	34.75	278	0.35
		DED Drip system	no		15	5	0.25	13.33	2	0.03
		Procurement & Implementation ponds	no		800	50	2.5	34.75	278	0.87
		Drip systems installation	no		15	15	0.75	0.00	-	0.00
		Sub-total					100	5		
1.c	Step 1A: Identification	km	15	250	5	0.75	108.80	272	0.82	

	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	Step 1B: Feasibility Study incl Safeguards	km		250	10	1.5	108.80	272	1.63
		Step 2: Topographic Survey	km		250	10	1.5	108.80	272	1.63
		Step 3+4: DED & Tender file	km		250	10	1.5	86.04	215	1.29
		Rehabilitated & Climate resilient (Construction Progress Works)	km		250	60	9	33.20	83	2.99
		O&M	km		250	5	0.75	0.00	-	0.00
		Sub-total				100	15			8.36
		1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments		Identification	No	15	80	5	0.75
Site location Survey	no			80	5	0.75		100.00	80	0.75
DED & Tender file	no			3	10	1.5		100.00	3	1.50
Procurement	no			3	10	1.5		100.00	3	1.50
Construction	No			80	65	9.75		100.00	80	9.75
O&M	no			80	0	0.75		0.00	-	0.00
Sub-total					95	15				14.25
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	TNA for LAB staff	No	5	1	10	0.5	100.00	1	0.50
		DED & Procurement	No		1	20	1	100.00	1	1.00
		Implementation	No		1	60	2.5	100.00	1	2.50
		Training of staff	Person		100	10	0.5	62.00	62	0.31
		On-the job training	Person		500	10	0.5	45.60	228	0.23
		Sub-total				100	5			4.54
1.f. 1	12,000 Bio-digesters made operational benefitting 80,000 persons (50% are women)	Identification of Bio-digesters	Biodigester	5	12,000	10.00	0.50	34.63	4,156	0.17
		DED & Tender file	document		3	10.00	0.50	53.33	1.60	0.27
		Procurement	document		3	10.00	0.50	33.33	1.00	0.17
		Construction of biodigesters	Biodigester		12,000	60.00	3.00	0.58	69	0.02
		Training of beneficiaries	Perons		48,000	10.00	0.50	74.78	35,895	0.37

		Sub-total				100.00	5.00			1.00
1.f. 2	6,000 Compost-huts made operational benefiting 20,000 persons (50% are women)	Identification of compost-huts	Compost hut	5	6,000	10.00	0.50	69.27	4,156	0.35
		DED & Tender file	document		3	20.00	1.00	53.33	1.60	0.53
		Procurement	document		3	10.00	0.50	50.00	1.50	0.25
		Construction of compost huts	Compost hut		6,000	50.00	2.50	1.15	69	0.03
		Training of beneficiaries	Persons		24,000	10.00	0.50	149.56	35,895	0.75
		Sub-total				100.00	5.00			1.91
		Total for Output 1		65			65.00			38.39

Output 2:

ACTIVITY	SUBACTIVITY	UNIT	DMF SCORE	OVERALL TARGET	Sub-Weight (%)	DMF weight (%)	Progress December 2023			
							Current Progress %	Accumulated progress	Weighted Progress (%)	
			(A)	(B)	(C)	(D)	$E=(F/B)*100$	F	$G=(E*D)/100$	
2.a	3 Additional climate-resilient varieties of rice and maize released	Development of new rice varieties	Varieties	5	2	50	2.5	50.00	1.00	1.25
		Development of new maize varieties	Variety		1	20	1	0.00		0.00
		Multiplication of existed rice varieties production of FS rice for PRD, PMD and CAR 16	Seeds		1,000	3	0.15	50.00	500.00	0.08
		Multiplication of maize seed (CM1) varieties	Seeds		3	3	0.15	100.00	3.00	0.15
		Distribution of rice seeds for demonstration seed production (PRD, PMD) for WS and CAR 16 for DS	Seeds		160	3	0.15	93.75	150.00	0.14
		Distribution of maize for seed production	Seeds		3	4	0.2	33.33	1.00	0.07
		Training of farmer group on BMP (240 courses)	Persons		10,000	4	0.2	20.00	2,000.00	0.04

		Training of farmer group on rice seed production (120 courses)	Persons		4,000	4	0.2	36.25	1,450.00	0.07
		Field day (120 events)	People		15,000	2.5	0.125	30.00	4,500.00	0.04
		Site identification for Cassava seeds demonstration	Demo		40	2.5	0.125	50.00	20.00	0.06
		Laser Land Leveling (LLL)	ha		4,000	4	0.2	11.75	470.00	0.02
		Sub-total				100	5.00			1.92
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	Training of TOT-Trainers	Persons	5	80	3	0.15	75.00	60.00	0.11
		Drafting of training material for climate smart agriculture	set		1	2	0.1	100.00	1.00	0.10
		Implementation of comprehensive Needs assessment	set		4	2	0.1	100.00	4.00	0.10
		Drafting of training material for agribusiness development	set		1	3	0.15	100.00	1.00	0.15
		Farmers trained on CAMGAP standards	Persons		500	15	0.75	44.00	220.00	0.33
		Farmers trained on CSA	Persons		20,000	25	1.25	80.58	16,116.00	1.01
		Farmers trained on SRP	Persons		20,000	20	1	80.58	16,116.00	0.81
		Farm mechanization and agriculture conservation	Persons		9,500	15	0.75	25.87	2,458.00	0.19
		Agriculture Cooperative (board members)	Persons		20,000	15	0.75	-	-	0.00
		Sub-total				100	5.00			2.80
2.c. 1	27 FWUCS of FWUGS	Preparation of training materials	set	3	1	2.5	0.075	100.00	1.00	0.08
		Step 1: Dissemination the Information and Process FWUC formation	meeting		27	5	0.15	62.96	17.00	0.09

	made operational	Step 2: Demarcate the command areas and data collection	meeting		54	10	0.3	31.48	17.00	0.09
		Step 3: Create the Statute Committees to draft the Statute	FWUC		27	10	0.3	62.96	17.00	0.19
		Step 4: Form Farmer Water User Community	FWUC		27	10	0.3	62.96	17.00	0.19
		Step 5: Develop the FWUC statute	FWUC		27	10	0.3	62.96	17.00	0.19
		Step 6: FWUC Committee Election	FWUC		27	15	0.45	62.96	17.00	0.28
		Step 7: Finalization of FWUC Statute and Action Plan	FWUC		27	25	0.75	55.56	15.00	0.42
		Step 8: FWUC Approval and Registration	FWUC		27	12.5	0.375	55.56	15.00	0.21
		Sub-total					100	3.00		
2.c.2	500 FWUCs of FWUGs, developed capacity to operate and maintain their irrigation schemes	Preparation of training material on operation	set	3	27	10	0.3	55.56	15.00	0.17
		Preparation of training material on maintenance	set		27	10	0.3	55.56	15.00	0.17
		Trained FWUCs of FWUGs on schemes management	Persons		500	70	2.1	73.80	369.00	1.55
		Application of MEF budget (FWUC)	FWUC		27	10	0.3	-	-	0.00
		Sub-total						100	3.00	
2.d.1	4 Agricultural development centers made fully	Identification and Initial Survey	No	2	4	10	0.2	100.00	4.00	0.20
		DED & Tender file	No		4	35	0.7	100.00	4.00	0.70
		Procurement	No		4	10	0.2	100.00	4.00	0.20
		Construction	No		4	40	0.8	100.00	4.00	0.80

	operational to provide agribusiness services	Training of users (50% are women)	No		4	5	0.1	-	-	0.00
		Sub-total					100	2.00		
2.d. 2	4 Engineering workshops made fully operational to provide agribusiness services	Identification and Initial Survey	No	2	4	10	0.2	100.00	4.00	0.20
		DED & Tender file	No		4	35	0.7	100.00	4.00	0.70
		Procurement	No		4	10	0.2	100.00	4.00	0.20
		Construction	No		4	40	0.8	100.00	4.00	0.80
		Training of users (50% are women)	No		4	5	0.1	-	-	0.00
		Sub-total					100	2.00		
Total for Output 2				15			20.00			12.14

Output 3:

		SUBACTIVITY	UNIT	DMF score	OVERALL TARGET	Sub-Weight (%)	DMF weight (%)	Progress December 2023		
								Current Progress %	Accumulated progress	Weighted Progress (%)
				(A)	(B)	(C)	(D)	E=(F/B)*100	F	G=(E*D)/100
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	Draft of Climate Smart and Gender Responsive Agrib-policy	Policy	2	1	20.00	0.40	50.00	0.50	0.20
		Draft CSA policy	Policy		1	20.00	0.40	50.00	0.50	0.20
		Draft guidance manual for climate neutrality and adaption for agribusiness operation	Prakas		1	20.00	0.40	50.00	0.50	0.20
		Draft IDP strategy for climate friendly agribusiness			1	20.00	0.40	65.00	0.65	0.26

		Draft PPP framework formulated	Framework		1	20.00	0.40	50.00	0.50	0.20
		Sub-total				100.00	2.00			1.06
3.b	Good Agriculture Practice for tropical fruit endorsed	Guidance manual for climate neutrality and adaptation standards for agribusiness operation	Strategy	2	1	20.00	0.40	100.00	1.00	0.40
		Climate-friendly become more widely utilized with eight of largest Cambodia millers/exporters being part of alliance	Rice miller		8	15.00	0.30	12.50	1.00	0.04
		Standards on CamGAP tropical fruit formation	Standard		1	20.00	0.40	50.00	0.50	0.20
		Development of standards for organic fertilizer	Standard		1	15.00	0.30	90.00	0.90	0.27
		Development of IDP strategies for climate friendly agribusiness	Strategy		1	5.00	0.10	75.00	0.75	0.08
		National standards on biodigester development	Standard		1	5.00	0.10	100.00	1.00	0.10
		Socialize GAP Standards for tropical fruit	No		2	20.00	0.40	10.00	0.20	0.04
		Sub-total				100.00	2.00			1.12
3.c	Good Agriculture Practice for organic fertilizer endorsed	Assessment TNA on CSA and Green finance	No	2	1	10.00	0.20	100.00	1.00	0.20
		Develop training material for staff training in CSA	No		1	15.00	0.30	100.00	1.00	0.30
		National Policy and Standards of Biodigester and bio slurry	policy		1	10.00	0.20	100.00	1.00	0.20
		Develop training material for staff training in green finance	No		1	15.00	0.30	80.00	0.80	0.24
		Implementation of training on green finance in CSA	Staff		50	25.00	0.50	0.00	-	0.00
		Implementation training in green finance	Staff		50	25.00	0.50	0.00	-	0.00
		Sub-total				100.00	2.00			0.94

3.d	30 agribusinesses trained in green finance and CSA	Assessment TNA on CSA and Green finance	TNA	2	1	10.00	0.20	100.00	1.00	0.20
		Develop training material for staff training in CSA	no		1	15.00	0.30	85.00	0.85	0.26
		Develop training material for staff training in green finance	no		1	15.00	0.30	70.00	0.70	0.21
		Implementation of training on green finance in CSA	Staff		30	30.00	0.60	26.67	8.00	0.16
		Implement training in green finance	Staff		30	30.00	0.60	0.00	-	0.00
		Sub-total				100.00	2.00			0.83
3.e	50 Staff from financial institutions trained in CSA and green finance	Assessment of TNA on CSA and Green finance	TNA	2	1	10.00	0.20	85.00	0.85	0.17
		Develop training material for staff training in CSA	Set		1	10.00	0.20	70.00	0.70	0.14
		Develop climate risk sharing mechanism /instrument	Set		1	20.00	0.40	15.00	0.15	0.06
		Awareness raising on weather and climate risk information sharing to communities	staff		50	60.00	1.20	48.00	24.00	0.58
		Sub-total				100.00	2.00			0.95
3.f	20,000 Households provided with information on climate risk-sharing instruments	Implementation of TNA	No	2	1	10.00	0.50	100.00	1.00	0.50
		Develop training material for staff training in green finance	No		1	15.00	0.50	50.00	0.50	0.25
		Implementation of training on green finance in CSA	Persons		20,000	75.00	1.00	0.00	-	0.00
		Sub-total				100.00	2.00			0.75
3.9	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	Development of ICT	No	3	1	55.00	1.65	5.00	0.05	0.08
		Purchase of equipment	No		1	20.00	0.60	5.00	0.05	0.03
		Installation of the center	No		1	25.00	0.75	5.00	0.05	0.04
		Sub-total				100.00	3.00			0.15
Total for Output 3				15		15.00				5.79

DMF PROGRESS

Output and Activities		Assigned weight	PHYSICALLY WEIGHTED PROGRESS (%)
			31/12/2023
Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient			
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15.00	6.84
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5.00	1.50
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15.00	8.36
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15.00	14.25
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	5.00	4.54
1.f1	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	5.00	1.00
1.f2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5.00	1.91
sub-total Output 1		65.00	38.39
Output 2 – Climate-smart Agriculture and Agribusiness Promoted			
2.a	3 Additional climate-resilient varieties of rice and maize released	5.00	1.92
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5.00	2.80
2.c.1	27 FWUCS of FWUGS made full operational	3.00	1.74
2.c.2	500 FWUCS of FWUGS developed capacity to operate and maintain their irrigation schemes	3.00	1.88
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	2.00	1.90
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	2.00	1.90
sub-total Output 2		20.00	12.14
Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced			
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	2.00	1.06
3.b	Good Agriculture Practice for tropical fruit endorsed	2.00	1.12
3.c	Good Agriculture Practice for organic fertilizer endorsed	2.00	0.94
3.d	50 Staff from financial institutions trained in CSA and green finance	2.00	0.83
3.e	30 agribusinesses trained in green finance and CSA	2.00	0.95
3.f	20,000 Households provided with information on climate risk-sharing instruments	2.00	0.75

3.g	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	3.00	0.15
	sub-total Output 3	15.00	5.79
OUTPUT F	Output 1	65.00	38.39
	Output 2	20.00	12.14
	Output 3	15.00	5.79
	TOTAL Output (1 + 2 + 3)	100.00	56.33

Annex 3. Financial Progress Update as per 31 December 2023*Annex 3.1 PUM MAFF*

Expenditure	Expenditures during the Reporting Period (\$) (Q4)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
Category													
Civil Works	3,146,255	-	-	-	-	3,146,255	8,734,318	-	-	-	-	8,734,318	37.5%
Goods (Equipment & Supplies)	-	-	-	-	-	-	913,650	-	-	-	-	913,650	40.5%
Capacity Development (Training, Workshops, Seminars)	-	-	562,312	-	-	562,312	-	-	3,004,990	-	-	3,004,990	13.9%
Consulting Services	710,800	-	-	-	-	710,800	7,363,246	-	254,117	-	-	7,617,363	90.3%
Incremental Operating Costs (Project Management)	135,230	-	-	30,060	-	165,289	1,441,726	-	-	479,193	-	1,920,920	263.0%
Subtotal	3,992,284	-	562,312	30,060	-	4,584,656	18,452,940	-	3,259,107	479,193	-	22,191,241	38.8%
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges	200,349	3,109				203,458	392,424	4,974				397,397	
						-						-	
GRAND TOTAL: PMU-MAFF	4,192,634	3,109	562,312	30,060	-	4,788,114	18,845,364	4,974	3,259,107	479,193	-	22,588,638	39.5%

Annex 3.2 MOWRAM

Expenditure	Expenditures during the Reporting Period (\$) (Q4)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
Category													
Civil Works	1,372,102	226,897	187,592	-		1,786,592	5,318,754	879,533	727,173	-		6,925,461	16.0%
Goods (Equipment & Supplies)	-	-	-	-		-	-	-	-	-		-	
Capacity Development (Training, Workshops, Seminars)	-	-	12,051	-		12,051	-	-	221,809	-		221,809	72.5%
Consulting Services	-	-	-	-		-	-	-	-	-		-	
Incremental Operating Costs (Project Management)	17,350	-	-	18,775		36,125	162,035	-	-	230,625		392,660	78.3%
Subtotal	1,389,453	226,897	199,643	18,775	-	1,834,768	5,480,789	879,533	948,982	230,625	-	7,539,930	17.0%
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges						-						-	
						-						-	
GRAND TOTAL: PMU-MOWRAM	1,389,453	226,897	199,643	18,775	-	1,834,768	5,480,789	879,533	948,982	230,625	-	7,539,930	17.0%

Annex 3.3 MRD

Expenditure	Expenditures during the Reporting Period (\$) (Q4)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
Category													
Civil Works	1,796,783	297,124	245,654	-		2,339,561	6,215,860	1,082,584	856,242	-	-	8,154,686	21.8%
Goods (Equipment & Supplies)	-	-	-	-		-					-	-	
Capacity Development (Training, Workshops, Seminars)	-	-	-	-		-			-		-	-	0.0%
Consulting Services	-	-	-	-		-					-	-	
Incremental Operating Costs (Project Management)	19,155	-	-	3,720		22,875	186,796			79,440	-	266,236	0.7%
Subtotal	1,815,938	297,124	245,654	3,720	-	2,362,436	6,402,656	1,082,584	856,242	79,440	-	8,420,922	22.5%
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges						-						-	
						-						-	
GRAND TOTAL: PMU-MRD	1,815,938	297,124	245,654	3,720	-	2,362,436	6,402,656	1,082,584	856,242	79,440	-	8,420,922	22.5%

Annex 3.4 CONSOLIDATED (PMU-MAFF, MOWRAM & MRD)

Expenditure	Expenditures during the Reporting Period (\$) (Q4)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
Category													
Civil Works	6,315,140	524,021	433,246	-	-	7,272,408	20,268,932	1,962,118	1,583,415	-	-	23,814,465	
Goods (Equipment & Supplies)	-	-	-	-	-	-	913,650	-	-	-	-	913,650	
Capacity Development (Training, Workshops, Seminars)	-	-	574,363	-	-	574,363	-	-	3,226,799	-	-	3,226,799	
Consulting Services	710,800	-	-	-	-	710,800	7,363,246	-	254,117	-	-	7,617,363	
Incremental Operating Costs (Project Management)	171,735	-	-	52,555	-	224,290	1,790,557	-	-	789,258	-	2,579,816	
Subtotal	7,197,675	524,021	1,007,609	52,555	-	8,781,860	30,336,385	1,962,118	5,064,331	789,258	-	38,152,092	
JFPR Total	-	-	-	-	-	-	-	-	-	-	-	-	
GOVERNMENT	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER DONOR/ Interest Charges	200,349	3,109	-	-	-	203,458	392,424	4,974	-	-	-	397,397	
						-	-					-	
OVERALL TOTAL (MAFF-MOWRAM-MRD)	7,398,024	527,131	1,007,609	52,555	-	8,985,318	30,728,809	1,967,091	5,064,331	789,258	-	38,549,490	

Annex 4. Detail Performance Irrigation Activity as per 31 December 2023

Annex 4.1 Irrigation Sub projects

No	Subproject Name	Command area, ha	No of Subpr/ package	Commune	District	Province	Coordinates (UTM: 48 P)		Workplan for FS & DED	Progress		Gender (GAP) %	Environmental (IEE) %	Safeguard		Men	Women	Population	HHs	Remarks (Completed Progress)							
							Latitude X	Longitude Y		FS	DED			IP&IR	DDR												
Batch Number I																											
1	Trapeang Run Reservoir Scheme	100	1	Tani	Ankor Chey	Kampot	460642	1193073	2019	100%	100%	100%	100%	100%	100%	333	407	740	148	100%							
2	Kbal Teuk Reservoir Scheme	250	3	Phreah Theat	O Rang Oy	Tboung Khmum	554835	1310501	2020	100%	100%	100%	100%	100%	100%	864	1,056	1,920	384	100%							
3	Tuol Pring Reservoir Scheme	100		Mong Riev	Tboung Khmum		563478	1313222								459	561	1,020	204	100%							
4	Trapeang Tros Reservoir Scheme	350		Tmar Pech	Tboung Khmum		563270	1329108								648	792	1,440	288	100%							
5	Pram Kompheak Reservoir Scheme	950	2	Lvea Leu/Svay Teab	Chamkar Leu	Kampong Cham	531218	1361204	2021	100%	100%	100%	100%	100%	100%	1,381	1,687	3,068	614	100%							
6	O'kamprok Feeding Canal	350		Preah Angdoug	Steung Trang		575689	1360998								643	785	1,428	286	100%							
7	Prey Kdoch Reservoir Scheme	550	2	Trapeang Kranhoung	Tram Kak	Takeo	436121	1227059	2021	100%	100%	100%	100%	100%	100%	1,440	1,760	3,200	640	100%							
8	Kraing Empil Reservoir Scheme	200						437097								1225029	738	902	1,640	328	100%						
9	Takoch Reservoir Scheme	400	1	Srae Knong	Chum Kiri	Kampot	445284	1212032	2021	100%	100%	100%	100%	100%	675	845	1520	304	100%								
		3,250	9														8795		3195	100%							
Batch Number II																											
10	Kandoal Feeding Canal	750	3	Kandoal/Thmei	Teuk Chhou	Kampot	419597	1180074	Mar-Apr 22	100%	100%	100%	Has got comments back from International of environmental of 10 subprojects Batch II. After correction CS1 has send to ADB for NOL on 28 March 2023	100%	80%					The safeguard team ongoing to prepare DDR, in January 2023 result is around 80% completed. The ITP has conduct the verification at the end of March.							
11	Bravoek Pong Reservoir Scheme	70		Trapeang Pring/Koun Sath	Teuk Chhou		421180	1174794																			
12	Trapeang Boeung Reservoir Scheme	800		Tramaeng/Krang Sbov/Sat Pong	Chhuk		442052	1197647								100%	100%	100%	100%		80%						
13	Tboung Damrei Reservoir Scheme	600	2	Chhuk	Krouch Chmar	Tboung Khmum	586531	1345733	Jan-Mar 22	100%	100%	100%		100%	90%						The draft of DDR has sent to ADB for review on 23/2/23. The ITP has conduct the verification in April 2023.						
14	Kampong Raing Feeding Canal	350		Seda	Dambae		602326	1348505																			
15	Teuk Char West Reservoir Scheme	980	2	Beung Nay/Sampong Chey/Trapeang Kor	Prey Chhor	Kampong Cham	521112	1347610	Sept-Dec 22	100%	100%	100%				100%	0%							Waiting on safeguard prepare DDE			
16	Po Tatress Reservoir Scheme	950		Trab/Tang Krasang	Batheay		491103	1336779																			
17	Chrouk1 + Phlov Touk Feeding Canal	975	3	Phnom Den/Kiri Chong Kaoh /Kamnab	Kirivong	Takeo	490512	1175028	May-Jun 22	100%	100%	100%						100%	0%								Has announcement for bidding on 31 March 2023 and will open bid on 02 May 2023 and waiting
18	Prey Romdeng Feeding Canal	650		Prey Romdeng/Ta Ou/Thnoat Chong Srang	Kirivong		471544	1167134																			
19	Kwaeng Tayee Feeding Canal	970		Prey Yuthka	Koh Andet		495576	1179962																			

																				on safeguard prepare DDE													
		7,095	10																														
Batch Number III																																	
20	Trapeang Ampil Reservoir Scheme	200	2	Chi Kor	Tboung Khmum	Tboung Khmum	564088	1310596	Feb-Mar 23	90%	70%	100%	30%	0%	0%					FS+DED will completed in April 23, IEE has started in Feb 23 and DDR not yet start													
21	Choam Taheung Reservoir Scheme	987		Teuk Chrov/Chong Cheach	Dambae		602958	1316815													IEE has started in Feb 23 and DDR not yet start												
22	Teuk Char East Reservoir Scheme	980	1	Beung Nay/Krouch/Kor/Pre y Chhor/Sour Saen	Prey Chhor	Kampong Cham	520444	1339361	Jan-Feb 23	100%	100%	100%	30%	0%	0%					IEE has started in Feb 23 and DDR not yet start													
23	Pralay 95 Feeding Canal	850	2	Krapom Chhuk	Koh Andet	Takeo	497485	1184405	Jul-Oct 22	100%	100%	100%	95%	100%	0%					The IEE will send to CS1 at the mid of April 2023. In Preparing bid document and waiting on safeguard prepare DDE													
24	Pralay 42 Feeding & pumping Station	650		Rominh/Prey Khla	Koh Andet		492372	1191420																									
25	Ta Oum Reservoir Scheme	160	3	Kus	Tram Kak	Takeo	452467	1210988	Apr-May 23	35%	15%	100%	30%	0%	0%					The FSDD Team will suspension from 1st May 2023 until input variations are approved													
26	Sdok Sab Reservoir Scheme	300		Samraong	Tram Kak		451970	1214140																									
27	Pou Tasuy Reservoir Scheme	635		Kampeng	Kirivong		464188	1177462																									
		4,762	8																														
		15,107	27																														



Ministry of Water Resources and Meteorology
Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 ADB Loan 3661-CAM (COL)/8346-CAM (EF) and ADB Grant 0579-CAM (EF)
 MOWRAM update as of June 2023
Status of Subprojects (Batch II - 2021)



General information																			M&E requirement																														
No	Provinces	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location Village, Commune, District	Estimate Cost US\$	Unit 1 (Ha)	Coordinates (UTM: 48 P)		Market name	Contract date	Contract Value	Contractor name	Start date	Formation of FWUC/FWUG	Beneficiaries			Women HH			ID poor		Subproject preparation process (80%)																							
										Latitude X	Longitude Y							Total (HHs)	Total (Person)	F	Total (HHs)	Total (Person)	F	Poor 1	Poor 2	CS-5 (Scores: 30%)						CS-1 (Score:21%)			ADB Reviews and NOL (Score: 8%)			Procurement Process (Scores: 15%)			Implementation Process (25%)								
																										Step 1 (5%)	Step 2 (5%)	Step 3 (5%)	Step 4 (5%)	Step 5 (5%)	Step 6 (5%)	Step 7 (7%)	Step 8 (7%)	Step 9 (7%)	Step 10 (2%)	Step 11 (2%)	Step 12 (2%)	Step 13 (3%)	Step 14 (5%)	Step 15 (5%)	Step 16 (5%)	Step 17 (5%)	Step 18 (10%)	Step 19 (5%)	Step 20 (5%)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Sub-Total Kampot																			1	12,816	44,045	33,088	2,006	1,654	1,177	91	160																						
Sub-Total Takeo																			2	10,735	46,867	23,696	1,362	2,674	1,203	84	65	184	97																				
Sub-Total Tbong Khmum																			0	8,725	36,441	18,485	929	1,928	960	56	36	162	81																				
Sub-Total Kampong Cham																			1	8,855	38,413	19,676	1,058	1,846	947																								
Grand total Batch II																			4	41,131	165,756	84,844	5,355	8,002	4,287	231	91	506	178																				

Dec 2023)

Annex 5. Details Performance Pond Activity as per 31 December 2023

No.	Package Number	Province	No of Subpr/ package	Environmental (IEE)		Step 1. Reconnaissance and feasibility	Step 2. Topographic survey	Step 3. Detailed engineering design	Step 4. Tendering document	Procurement	Rehabilitated & Climate resilient (Construction)
				%	DDR	(1=yes, 2=no)	(1=yes, 2=no)	(1=yes, 2=no)	(1=yes, 2=no)	(1=yes, 2=no)	(%)
	Batch Number I										
	CW1.A.1	Kampot	80	100%	100%	1	1	1	1	1	not yet started
	CW1.B.1	Tbong Khmum	63	100%	70%	1	1	1	1	1	not yet started
	CW1.C.1	Kampong Cham	66	100%	70%	1	1	1	1	1	not yet started
	CW1.D.1	Takeo	69	100%	70%	1	1	1	1	1	not yet started
	Total		278								

Annex 6. Details Performance Farm Road Activity as per 31 December 2023



Ministry of Rural Development
Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 ADB Loan 3661-CAM (COL)/8346-CAM (EF) and ADB Grant 0579-CAM (EF)
 MRD update as of June 2023
Status of Subprojects (Batch I - 2020)



GENERAL INFORMATION														IMPLEMENTATION PROGRESS																																				
No	Batch#	Province	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location: Village, Commune, District	Estimate Cost US\$	Length of KM	AC name	Market name	Formation of Road Maintenance Committee	Beneficiaries			Women HH			ID poor				Subproject preparation process							Procurement Process																			
														Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Total	F	Total	F	FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	Social Safeguard	IEE/EMP	1 ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificate					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46					
1		Kampot	Rovieng-Chres		CW17a-CFAVC-MRD-KP-01-2020	4	Rural Road improvement (DBST)	Chres Village, Chres commune, Chumkiri district	1,488,481.62	11.948	Raksmei Amatak	Chum Kiri and Trapeang Thkov	f	1670	6,575	3,489	252	207	123	58	39	122	76	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
2		Kampot	Kam Nab - Srae Chaeng		CW17a-CFAVC-MRD-KP-02-2020	4	Rural Road improvement (DBST)	Kam Nab Village, Srae Chaeng commune, Chum Kiri district	1,046,898.43	8.104	Kasekor Samaki Rung Roeng	Trapeang Andeuk	f	2,750	12,399	6,295	363	631	274	271	190	220	128	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Sub-Total Kampot									2,535,380.06	20.052	2.00		2	4,420	18,974	9,784	615	838	397	329	229	342	204																											
3		Takeo	Phlov Lek 122 (Khleng Tvea Wat Totea)-Phlov Tonle Bati		CW17b-CFAVC-MRD-TK3-2020	1	Rural Road improvement (DBST)	Khmar Tung Village, Kumareachea - Lumpong commune, Bat district	1,420,261.51	10.000	Lumpong Kasikam Samaky	Samrong Yeng, Batoka and Chambok	1	1,173	7,389	3,796	297	574	274	296	159	595	305	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
4		Takeo	Wat Ang Andae-Rumchek-Kraing Ampil		CW17b-CFAVC-MRD-TK4-2020	1	Rural Road improvement (DBST)	Thnosat Village, Tang Yab commune, Prey Kabas district	907,354.22	4.670	Sdok Sdom	Prey Lvea, Saiva market	1	2,302	9,453	4,882	366	251	118	33	24	67	33	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Sub-Total Takeo									2,327,615.73	14.670	2.00		2	3,475	16,842	8,678	663	825	392	329	183	662	338																											
5		Tbong Khmum	RN73- Khcheay- Wat Thmey		CW17c-CFAVC-MRD-TBK-5-2020	2	Rural Road improvement (DBST)	Khcheay Village, Dambae commune, Dam Bae district	1,512,021.45	9.774	Dambae Rungroeng	Tam Bae, Steung	f	704	3,215	1,504	588	428	228	175	90	178	84	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
6		Tbong Khmum	Ta Pao- Sangkum Meanchey		CW17c-CFAVC-MRD-TBK-6-2020	2	Rural Road improvement (DBST)	Bei Maet Village, Toul Snoul commune, Krouchhimar district	1,685,110.88	12.000	Kdey Songkhue m Kaksekor	Soung, Dambae, Kraek and Trapeang Phlong	2	10,172	60,638	23,120	348	554	274	624	333	1,618	680	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%				
Sub-Total Tbong Khmum									3,197,132.33	21.774	2.00		3	10,876	63,853	24,624	936	982	502	1,786	1,018	3,462	1,644																											
7		Kampong Cham	Sambo- Sopheas		CW17d-CFAVC-MRD-KC7-01-2020	3	Rural Road improvement (DBST)	Sambo, Sopheas Village, Sopheas commune, Steung Trang	1,280,831.31	9.882	Sambo Meanchey	Ta Ong, Spau, Chamkar Leur, Me Sar Chrey and Steung Trang	1	2511	10,991	5,480	313	498	248	275	103	375	97	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
8		Kampong Cham	Sopheas- O' Beng		CW17d-CFAVC-MRD-KC8-02-2020	3	Rural Road improvement (DBST)	Sopheas commune, Steung Trang district	736,328.11	4.721	Steung Trang Senchey	Ta Ong, Spau, Chamkar Leur, Me Sar Chrey and Steung Trang		2,469	10,661	5,443	313	498	248					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%					
Sub-Total Kampong Cham									2,017,159.42	14.603	2.00		1	4,980	21,652	10,923	626	996	496	275	103	375	97																											
Grand total Batch I									10,077,287.54	71.099	8.00		8	23,751	121,321	54,009	2,840	3,641	1,787	2,719	1,533	4,841	2,283																											

	KM	AC		No. HHH	No.Ps	No.F	WHHH	No.Ps	No.F	
Takeo	14.67	2								
TBK	21.77	2	Total Beneficiaries	Batch I	23,751	121,321	54,009	2,840	3,641	1,787
KC	14.60	2		Batch II	37,224	221,088	112,447	5,884	9,924	3,541
KP	20.05	2		Batch III	46,638	213,832	108,067	6,746	10,170	4,886
Total	71.10	8		Total	107,613	556,241	274,523	15,470	23,735	10,214



Ministry of Rural Development
Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
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Status of Subprojects (Batch II - 2021)



GENERAL INFORMATION														IMPLEMENTATION PROGRESS																																				
No	Batch#	Province	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location: Village, Commune, District	Estimate Cost US\$	Length of KM	AC name	Market name	Formation of Road Maintenance Committee	Beneficiaries			Women HH			ID poor				Subproject preparation process							Procurement Process																			
														Total (HHs)	Total (Person)	F	Total (HHs)	Total (Person)	F	Total	F	Total	F	CS-5					CS-1		CS1																			
																								FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	Social Safeguard	IEE/EMP	1 ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificate					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46					
			Trapeang Ta Meas-OKandoal		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 1)	9	Rural Road improvement (DBST)	Trapeang Tameas village, Damnak Sokrom commune, Dang Tong district	2,201,113.23	6.395	Ratanak Polroth Samaki	Dong Tung					1,008	4,135	2,162	95	131	64																												
			Prey Kraing Khang Cheung-Trapeang Chhuk		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 1)	9	Rural Road improvement (DBST)	Prey Kraing Khang Cheung village, Meanrith commune, Dang Tong district		6.568	Prey kraing Meanrith	Dong Tung					1,393	5,701	2,819	200	186	93																												
			NR No.41-Snay Anchet-Thlok Yul		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 2)	5	Rural Road improvement (DBST)	Snay Anchet village, Snay Anchet commune, Chum Kiri district	1,403,944.77	3.817	Samaky Amatak	Chum Kiri					1,407	6,234	3,280	259	324	172																												
			Trapeang Run-Barveas		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 2)	5	Rural Road improvement (DBST)	Trapeang Run village, Samrong Leur commune, Banteay Meas district		5.281	Sen Han Chamroeu n phal	Tram Sar Sar					1,304	6,627	3,095	174	221	113																												
			Sub-Total Kampot						3,605,068.00	22.061	4	0				2,312	10,762	5,257	269	881	177																													
			Phlov Lek 132 - Phum Ang Trao - Phum Steung		CW17b-CFAVC-MRD-TK1A-Batch 2 (Lot 1)	6	Rural Road improvement (DBST)	Ang Trao village, Ou Saray commune, Tramkak district	2,153,628.30	8.203	Samaky Trapeang Kralanh	Ang Tasom					3,438	14,832	7,551	453	727	353																												
			NR No. 3- Trao Aem-Phum Steung		CW17b-CFAVC-MRD-TK1A-Batch 2 (Lot 1)	6	Rural Road improvement (DBST)	Ang Baksey village, Cheang Tong & Popel communes, Tramkak district		5.773	Baksey Rikreay	Ang Tasom					2,786	12,397	6,452	442	583	297																												
			NR No. 3- Yeay La-Trapeang Chak		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Trapeangchak village, Tramkak commune, Tramkak district		3.385	Samaki Trapeang Chak						2,967	13,291	6,569	575	533	246																												
			Chi Moreas-Tapao		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Chi Moreas village, Kampeng commune, Kirivong district	1,940,547.87	5.406	Kampeng Soksen Sambo	Tonloap					1,720	8,087	4,195	289	434	190																												
			Trapeang Srangae- Ang Thnoat Khang Lech		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Trapeang Srangae village, Angtasom commune, Tramkak district		3.970	Trapeang Srangae						3,491	17,526	8,654	797	662	330																												
			Sub-Total Takeo						4,094,176.17	26.737	5					14,402	66,133	33,421	2,556	2,939	1,416																													
			Phlov Wat Chroul- Chamkar Kkbal Thnal		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Chamkar Kor village, Chak and Toul Sophi communes, Ou Reang Ov district		8.110	Samaki Meanchey	Ou Reang Ov					3,092	14,235	7,495	515	787	389																												
			NR No.73- Sralab-Phum Smounh		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Sralab villages, Sralab and Lngeang communes, Tbong Khmum district	2,247,270.00	5.437	Lngieng Meanchey	Soung					1,465	6,376	3,239	121	267	152																												
			NR No.73- Kok Srok		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Kok Srok village, Koksrok commune, Dambae district		2.823	Baitong Kok Srok	Dambae					2,468	11,297	5,611	376	670	324																												
			Phum Samreuy-Koki		CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Phum Ang Keng village, Kak commune, Ponhea Kraek district		4.908	Samaki Kak	Steung					4,424	19,741	9,854	764	895	429																												
			Toul kandal-Toul Chan		CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Khsak villages, Popel commune, Ponhea Kraek district		2.789	Popel Meanchey	Steung					2,430	10,131	5,144	377	375	176																												

No	Batch/	Province	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location: Village, Commune, District	Estimate Cost US\$	Length of KM	AC name	Market name	Formation of Road Maintenance Committee	Beneficiaries			Women HH			ID poor				Subproject preparation process											Procurement Process										
														Total (HHs)	Total (Person)	F	Total (HHs)	Total (Person)	F	Poor 1		Poor 2		CS-5				CS-1			ADB Reviews and NOL				CS1				Work Progress	Payment Progress	Completion Certificate				
																				Total	F	Total	F	FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	Social Safeguard	IEE/EMP	1 ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)				Contract date	Contract Value	Contractor name	Start date
15			Phlov Phum Popel	CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)	11		Rural Road improvement (DBST)	Popel village, Popel commune, Ponhea Kraek district		1.446	Akphirtek Ponhea Kraek Dambae	Dambae, Steung		2,430	10,131	5,144	377	375	176					100%	100%	100%	0%		100%																
16			NR No.7 - Andoung Chung-La	CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)	11		Rural Road improvement (DBST)	Lar village, Kaong Kang commune, Ponhea Kraek district		3.748	Ponhea Kraek Rongroeu Rg	Steung		3,869	16,779	8,504	577	759	381					100%	100%	100%	0%		100%																
			Sub-Total Tbing Khmum						4,590,287.36	29.261	7		0	6,961	88,690	44,991	1,092	4,128	770																										
17	Kampong Cham		Andoung Snay- Sdok Thom	CW17d-CFAVC-MRD-KC-1A&2A-Batch 2 (Lot 1)	12		Rural Road improvement (DBST)	Andoung Snay villages, Cheung Prey and Tang Krasang commune, Batheay district	1,417,291.71	3.925	Akphivath Muthan Yeung	Phayv, Tumnap, Sandaek		4,240	25,151	10,152	526	762	382					100%	100%	100%	0%	Category B	100%																
18			Trapeang Kor (NR6)- Trapeang Thmar	CW17d-CFAVC-MRD-KC-1A&2A-Batch 2 (Lot 1)	12		Rural Road improvement (DBST)	Tra Peang Kor village, Tra Peang Kor commune, Prey Chhor district		5.500	Akphikwat Kaksikor	Skun, Wat Thmey		1,780	7,743	3,946	339	358	197					100%	100%	100%	0%		100%																
19			Pou Sala Ti Mouy (NR70)- Sach Sour	CW17d-CFAVC-MRD-KC-1A&2A-Batch 2 (Lot 2)	8		Rural Road improvement (DBST)	Phum Pou Sala Ti Mouy villages, Peam Chi KONG and Prek Krabao commune, Kang Meas district	697,620.00	4.983	Punlork Thmey	Peam Chi Kang		4,503	17,084	8,884	697	530	263					100%	100%	100%	0%		100%																
20			Dankao- Trapeang Bei	CW17d-CFAVC-MRD-KC-1A&2A-Batch 2 (Lot 2)	8		Rural Road improvement (DBST)	Ampil Thum villages, Prey chhor, Khvet Thum and Baray communes, Prey Chhor district	1,071,980.00	7.657	Samaki Baray Andong AAng	Prey Toteung		3,026	5,525	5,796	405	326	316					100%	100%	100%	0%		100%																
			Sub-Total Kampong Cham						2,489,271.71	22.065	4		0	13,549	55,503	28,778	1,967	1,976	1,178																										
			Grand total Batch II						14,778,793.24	100.124	20		0	37,224	221,088	112,447	5,884	9,924	3,541																										

	KM	AC
Takeo	26.74	5
TBK	29.26	7
KC	22.07	4
KP	22.06	4
Total	100.12	20

No	Batch#	Province	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location: Village, Commune, District	Estimate Cost US\$	Length of KM	AC name	Market name	Formation of Road Maintenance Committee	Beneficiaries			Women HH			ID poor		Subproject preparation process											Procurement Process																		
														Total (HHs)	Total (person)	F	Total (HHs)	Total (person)	F	Poor 1		Poor 2		CS-5						CS-1			ADB Reviews and NOL					CS1													
																				Total	F	Total	F	FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	Social Safeguard	IEE/EMP	1st ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificate						
12		Tbong Khmum	Seda Senchey-Rumpeak 2		CW17c-CFAVC-MRD-TBK-1A-Batch 3		Rural Road improvement (DBST)	Sedasenchey village, Dambae commune, Dambae	2,942,050.00	7.640	Seda Meanchey	Dam Bae, Steung		4,161	18,393	9,084	435	1,091	542						100%	100%	95%																								
13			Sen Prapey-Kampey		CW17c-CFAVC-MRD-TBK-1A-Batch 3		Rural Road improvement (DBST)	Rumchek commune, Memot district		2.020	Rumchek Meanchey	Soung		3,079	14,012	7,007	349	739	391						100%	100%	95%																								
14			Dar Phsar-Spean		CW17c-CFAVC-MRD-TBK-1A-Batch 3		Rural Road improvement (DBST)	Da commune, Memot district		6.600	Dar-Memot Pepper	Soung		5,334	25,708	12,234	542	1,446	528						100%	100%	95%																								
Sub-Total Tbong Khmum									2,942,050.00	22.060	4		17,750	79,854	39,556	1,955	4,383	2,004																																	
15		Kampong Cham	Tumpor- Sa Ang		CW17d-CFAVC-MRD-KC-01A-Batch 3		Rural Road improvement (DBST)	Sour Sen commune, Prey Chhor district	1,483,190.00	3.230	Akpiwat Srok Yoeung	Sdeung Chey, Skun		1,634	6,503	3,374	200	290	141						100%	100%	95%																								
16			Kandal Khnhong-Ankorchey Leu		CW17d-CFAVC-MRD-KC-01A-Batch 3		Rural Road improvement (DBST)	Moha Khnhong commune, Kaoh Sotin district		4.550	Sammyk Mohakhnhong			2,897	10,412	5,097	373	227	107						100%	100%	95%																								
Sub-Total Kampong Cham									1,483,190.00	7.780	2		4,531	16,915	8,471	573	517	248																																	
Grand total Batch III									11,738,640.00	80.740	16		46,638	213,832	108,067	6,746	10,170	4,886																																	

Annex 7. Details Performance AC Activity as per 31 December 2023



Ministry of Agriculture, Forestry and Fisheries
Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 ADB Loan 3661-CAM (COL)/8346-CAM (EF) and ADB Grant 0579-CAM (EF)
 MAFF update as of June 2023
Status of Subprojects (Batch I - 2020)



No	Batch#	Province	AC Name	PCSS No. Assigned	AC Number	Package No.	Scope of Works	Location Village, Commune, District	Agricultural area under cooperative (Ha)	Estimate Cost US\$	Length of Rural Road connected to AC (KM)	Coordinate (UTM)		Market name	Formation of AC Maintenance Committee	Beneficiaries			Women HH			ID poor				Procurement Process					Implementation Process			
												LatitudeX	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1					CS1			
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	39	40	41	42	43	44	45	46	47
1	Batch I	Kampot	Ratanak Piroth Samaki	0025	Lot1: CW3a/CFAV C/MAFF/2021 /04		Construction of AC storage/ware house (100T)	Trapeang Tameas, Damnak Sokrom, Dang Tong		B-II MRD	6.395	454118	1188433	Dong Tung	1	1,008	4,135	2,162	95	131	64	54	0	117	0	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
2			Prey kraing Meanrith	0025	Lot1: CW3a/CFAV C/MAFF/2021 /04		Construction of AC storage/ware house (100T)	Prey Kraing Khang Cheung, Meanrith, Dang Tong district		B-II MRD	6.568	436908	1188278	Dong Tung	1	1,393	5,701	2,819	200	186	93	37	0	43	0	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
3			Kasekor Samaki Rung Roeng	0025	Lot1: CW3a/CFAV C/MAFF/2021 /04		Construction of AC storage/ware house (100T)	Kam Nab Village, Srae Chaeng commune, Chum Kiri district		B-I MRD	8.104	439198	1220109	Trapeang Andeuk	1	2,551	11,233	5,722	363	631	274	271	190	220	128	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
4			Samaky Amatak	0025	Lot1: CW3a/CFAV C/MAFF/2021 /04		Construction of AC storage/ware house (50T)	Snay Anchit, Village, Snay Anchit commune, Chum Kiri district		B-II MRD	3.817	440895	1210688	Chum Kiri	1	1,407	6,234	3,280	259	324	172	45	25	92	73	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
5			Sen Han Chamroeu phal	0025	Lot1: CW3a/CFAV C/MAFF/2021 /04		Construction of AC storage/ware house (100T)	Trapeang Run, Samrong Leur commune, Banteay Meas district		B-II MRD	5.281	454118	1188433	Tram Sar Sar	1	1,304	6,627	3,095	174	221	113					100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
				5	Sub-Total Kampot											5	7,663	33,930	17,078	1,091	1,493	716	407	215	472	201				366,834.92				366,704.20
1	Batch I	Takeo	Trapaing Kranhoung	0026	Lot2: CW3a/CFAV C/MAFF/2021 /05		Construction of AC storage/ware house (100T)	Trapeang Kranhoung village, Trapaing Kranhoung commune, Tramkak district			0.000	441036	1226288	Ang Tasom	1	2,324	10,119	5,117	312	537	286					100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
2			Samaky Trapaing Kralanh	0026	Lot2: CW3a/CFAV C/MAFF/2021 /05		Construction of AC storage/ware house (100T)	Ang Trao village, Ou Saray commune, Tramkak district		B-II MRD	8.203	448736	1221322	Ang Tasom	1	3,438	14,832	7,551	453	727	353	61	40	95	54	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
3			Kampeng Sok Sen Sambour Agriculture Cooperative	0026	Lot2: CW3a/CFAV C/MAFF/2021 /05		Construction of AC storage/ware house (50T)	Chi Mreak Village, Kampeng commune, Kirivong district		B-II MRD	5.406	467958	1175169		1	1,720	8,087	4,195	289	434	190					100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
4			Sdok Sdom	0026	Lot2: CW3a/CFAV C/MAFF/2021 /05		Construction of AC storage/ware house (100T)	Rum Check-Thnoat village, Taing Yab commune, Prey Kabas district		B-I MRD	4.670	484328	1236980	Prey Lvea, Saiva market	1	1,955	8,828	4,547	366	251	118	33	24	67	33	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22
5			Stueng Slakuor Agriculture Cooperative	0026	Lot2: CW3a/CFAV C/MAFF/2021 /05		Construction of AC storage/ware house (50T)	Dak Por village, Beung Kranh Khang Tboung commune, Samrong district				0.000	467261	1226253		1	3,376	17,862	8,932	867	717	339					100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%
				5	Sub-Total Takeo											5	12,813	59,728	30,342	2,287	2,666	1,286	94	64	162	87				352,019.30				351,720.90

No	Batch#	Province	AC Name	PCSS No. Assigned	AC Number	Package No.	Scope of Works	Location Village, Commune, District	Agricultural area under cooperative (Ha)	Estimate Cost US\$	Length of Rural Road connected to AC (KM)	Coordinate (UTM)		Market name	Formation of AC Maintenance Committee	Beneficiaries			Women HH			ID poor				Procurement Process					Implementation Process								
												Latitude X	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1					CS1								
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificate					
1	Batch I	Tbong Khmum	Samaki Kak		Lot3: CW3a/CFAV C/MAFF/2021 /06		Construction of AC storage/warehouse (100T)	Prum Ang Keng, Samreuy and Trapeang Santhey and Koki village, Kak commune, Ponhea Kraek district		B-II MRD	4.908	587074	1294850	Steung	1	4,424	19,741	9,854	764	895	429	40	12	77	25	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22					
2			Ponhea Kraek Rongroeueng	0028	Lot3: CW3a/CFAV C/MAFF/2021 /06		Construction of AC storage/warehouse (50T)	Lar village, Kaong Kang commune, Ponhea Kraek district		B-II MRD	3.748	596615	1303179	Steung	1	3,869	16,779	8,504	577	759	381	112	66	155	92	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22					
3			Samaki Dambae Agricultural Cooperative	0028	Lot3: CW3a/CFAV C/MAFF/2021 /06		Construction of AC storage/warehouse (200T)	Sre Kschach village, Dambae commune, Dambae district				0.000	599600	1335761		1	2,231	9,515	4,949	588	428	228					100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22				
4			Dambae Rungroeueng	0028	Lot3: CW3a/CFAV C/MAFF/2021 /06		Construction of AC storage/warehouse (100T)	Khcheay village, Dambae commune, Dam Bae district		B-I MRD	9.774	592934	1332194	Tam Bae, Steung	1	2,231	9,515	4,949	588	428	228	175	90	178	84	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22					
5			Kdey Songkhuem Kaksekor	0028	Lot3: CW3a/CFAV C/MAFF/2021 /06		Construction of AC storage/warehouse (200T)	Bei Maet village, Toul Snoul commune, Krouchmar district		B-I MRD	11.730	573735	1341623	Soung, Dambae, Kraek and Trapeang Phlong	2	2,798	12,270	6,239	348	554	274	624	333	1,618	680	100%	100%	9-Sep-21		Hout Chhoeun Constructi on Co., Ltd	100%	100%	100%	27-Sep-22					
			5	Sub-Total Tbong Khmum							30.160				6	15,553	67,820	34,495	2,865	3,064	1,540	951	501	2,028	881									458,440.83					458,134.21

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												Latitude X	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1					CS1							
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificate				
1	Batch I	Kampong Cham	Steung Trang Senchey	0027	Lot4: CW3a/CFAV C/MAFF/2021 /07		Construction of AC storage/warehouse (200T)	Sopheas commune, Steung Trang district		B-I MRD	4.721	546247	1357864	Ta Ong, Speu, Chamkar Leur, Me Sar Chrey and Steung	1	2,469	10,661	5,443	313	498	248					100%	100%	9-Sep-21		Hout Chhoeun Construction Co., Ltd	100%	100%	100%	27-Sep-22				
2			Sambo Meanchey	0027	Lot4: CW3a/CFAV C/MAFF/2021 /07		Construction of AC storage/warehouse (100T)	Sambo, Poprok, Snap and Sopheas village, Sopheas commune, Steung Trang		B-I MRD	9.882	538367	1355527	Ta Ong, Speu, Chamkar Leur, Me Sar Chrey and Steung	1	2,469	10,661	5,443	313	498	248	275	103	375	97	100%	100%	9-Sep-21		Hout Chhoeun Construction Co., Ltd	100%	100%	100%	27-Sep-22				
3			Akpiwat Srok Yoeung	0027	Lot4: CW3a/CFAV C/MAFF/2021 /07		Construction of AC storage/warehouse (100T)	Trapeang Throat village, Sour Sen commune, Prey Chhor district		B-III MRD	3.230	514087	1334023	Sdeung Chey, Skun	1	1,634	6,503	3,374	200	290	141					100%	100%	9-Sep-21		Hout Chhoeun Construction Co., Ltd	100%	100%	100%	27-Sep-22				
4			Akphivath Multhan Yeung	0027	Lot4: CW3a/CFAV C/MAFF/2021 /07		Construction of AC storage/warehouse (100T)	Andoung Snay, Cheung Prey, Trabaek, Trayong Pong and Sdok Thom villages, Cheung Prey and Tang Krasang commune, Banteay district		B-II MRD	3.925	494991	1334612	Phaav, Tumnuop, Sandaek	1	4,240	25,151	10,152	526	762	382					100%	100%	9-Sep-21		Hout Chhoeun Construction Co., Ltd	100%	100%	100%	27-Sep-22				
5			Punlork Thmey	0027	Lot4: CW3a/CFAV C/MAFF/2021 /07		Construction of AC storage/warehouse (50T)	Phum POU Sala Ti Mouy, Sach Sour, Damnak Chrey, Damnak Snay and Peam Chi Krong villages, Peam Chi Krong and Prek Krabao commune, Kang Meas district		B-II MRD	4.983	528601	1323092	Peam Chi Kang	2	4,503	17,084	8,884	697	530	283	94	58	134	64	100%	100%	9-Sep-21		Hout Chhoeun Construction Co., Ltd	100%	100%	100%	27-Sep-22				
			5	Sub-Total Kampong Cham							26.741			6	6,972	27,745	14,327	1,010	2,578	531	94	58	134	64									412,637.88			412,270.61		
			20	Grand total Batch I							105.345			22	43,001	189,223	96,242	7,263	9,801	4,073	1,546	838	2,796	1,233											1,589,932.93			



Ministry of Agriculture, Forestry and Fisheries
Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 ADB Loan 3661-CAM (COL)/8346-CAM (EF) and ADB Grant 0579-CAM (EF)
 MAFF Contract update as of June 2023
Status of Subprojects (Batch II - 2021)



GENERAL INFORMATION																IMPLEMENTATION PROGRESS																						
No	Batch#	Province	AC Name	PCSS No. Assigned	AC Number	Package No.	Scope of Works	Location Village, Commune, District	Agricultural area under cooperative (Ha)	Estimate Cost US\$	Length of Rural Road connected to AC (KM)	Coordinate (UTM)		Market name	Formation of AC Maintenance Committee	Beneficiaries			Women HH			ID poor				Procurement Process					Implementation Process							
												Latitude X	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	CS1							
																							Poor 1		Poor 2		CS1					CS1						
																							Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificatd			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	39	40	41	42	43	44	45	46	47				
1			Chamreun Chey Preyao	0044	Lot 1: CW-b1/CFAVC/M AFF/2022-01		Construction of AC storage/ware house (50T)	Prey Yao village, Sre Knung commune, Chum kiri		B-III MRD	2.970	490615	1183246			1,430	7,439	3,772	267	369	186					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
2			Raksmei Samaky Amatak	0044	Lot 1: CW-b1/CFAVC/M AFF/2022-01		Construction of AC storage/ware house (50T)	Chres village, Chres commune, Chumkiri district		B-I MRD	11.948	488464	1232071	Chum Kiri and Trapeang Thkov		2,020	7,947	4,156	252	207	123	58	39	122	76	1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
3			Banteay Meas Sopheak Mongkol Agricultural Cooperative	0044	Lot 1: CW-b1/CFAVC/M AFF/2022-01		Construction of AC storage/ware house (100T)	Prey Kraianh Lech village, Tuok Meas Khang Lech commune, Banteay Meas district			0.000	491388	1183685			2,585	5,465	5,710	267	215	226					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
4			Svay Phaaem Chamroen Phal	0044	Lot 1: CW-b1/CFAVC/M AFF/2022-01		Construction of AC storage/ware house (50T)	Wat Angk Khang Cheung commune, Banteay Meas District		B-III MRD	3.580	488464	1232071			3,097	13,568	6,968	392	448	207					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
5			Ponleu Kaksekor Srok Chhuk Agricultural Cooperative	0044	Lot 1: CW-b1/CFAVC/M AFF/2022-01		Construction of AC storage/ware house (100T)	Pong Sat village, Sat Pong commune, Chhouk district			0.000	481333	1229807			1,668	9,159	4,506	215	250	124	37	0	43	0	1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
6			Kporprun Kamnitthmey Agricultural Cooperative	0044	Lot 1: CW-b1/CFAVC/M AFF/2022-01		Construction of AC storage/ware house (100T)	Kporp Run village, Srae Chaeng commune, Chum Kiri district			0.000	481333	1229807			2,551	11,233	5,722	363	631	274					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
7			Rorbroum Samaky Rong Roeung Agricultural Cooperative	0044	Lot 1: CW-b1/CFAVC/M AFF/2022-01		Construction of AC storage/ware house (100T)	Thmei village, Thmei commune, Teuk Chhou district			0.000	460110	1213826			1,922	9,520	4,872	286	380	198					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
8			Tuek Kraham Akphiwat Rik Chamroen	0044	Lot 1: CW-b1/CFAVC/M AFF/2022-01		Construction of AC storage/ware house (100T)	Teuk Kraham village, Kandoal commune, Tuek Chhou district		B-III MRD	1.420	460124	1222053			2,632	13,908	7,206	398	550	279					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
Sub-Total Kampot										938,801.75	19,918				0	17,905	78,239	42,912	2,430	3,050	1,617	95	39	165	76					799,471.99								479,269.64
1			Trapeang Srangae	0045	Lot 2: CW3-b2/CFAVC/M AFF/2022-02		Construction of AC storage/ware house (50T)	Trapeang Srangae, O'Phot and Ang Thnoat Khang Lech village, Angtasom commune, Tramkak district, Takeo		B-II MRD	3.970	469240	1230847			3,491	17,526	8,654	797	662	330	67	79	92	64	1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				
2			Samaki Trapeang Chak	0045	Lot 2: CW3-b2/CFAVC/M AFF/2022-02		Construction of AC storage/ware house (100T)	Trapeangchak village, Tramkak commune, Tramkak district		B-II MRD	3.385	471035	1232429			2,967	13,291	6,569	575	533	246	146	20	133	24	1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23				

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												Latitude X	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1				CS1						
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificatd		
3	Batch II	Takeo	Baksey Rikreay	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/ware house (100T)	Ang Baksey village, Cheang Tong commune, Tramkak district		B-II MRD	5.773	474087	1241084	Ang Tasom		2,786	12,397	6,452	442	583	297	11	8	13	6	1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%			2-Apr-23	
4			Cheung Kuon Choukchey	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/ware house (100T)	Cheung Koun village, Cheung Koun commune, Samroang district		B-III MRD	6.075	473972	1248173			1,962	10,164	5,195	470	418	214					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%			2-Apr-23	
5			Svayrun Amatak Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/ware house (50T)	Svay Run village, Chumreapen commune, Samroang district				0.000	477053	1199827			3,442	7,269	7,926	990	572	282					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%			2-Apr-23
6			Punleu Kasikar	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/ware house (100T)	Romsoan village, Boeung Tranh Khang Cheung commune, Samroang district				6.660	419633	1178739			2,944	12,941	6,830	450	547	278					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%			2-Apr-23
7			Phumbey Samaky Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/ware house (100T)	Krapum Chhuok village, Krapum Chhuok commune, Koah Andaet district				0.000	443088	1212907			2,145	10,228	5,036	369	435	230					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%			2-Apr-23
8			Ponleu Beng Krapom Chhouk Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/ware house (100T)	Beng village, Krapum Chhuok commune, Koah Andaet district				0.000	441813	1205427			2,145	10,228	5,036	369	435	230	61	40	95	54	1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%			2-Apr-23
9			Champa Prey Phdao Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/ware house (50T)	Samraong village, Champa commune, Prey Kabas district				0.000	443151	1194960			1,895	8,472	4,308	219	274	147					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%			2-Apr-23

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												Latitude X	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1					CS1				
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificate	
10			Phumbeay Meanchey Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (50T)	Chroy Sleng village, Kinchong Koah commune, Kinvong district			0.000	414954	1180045			1,444	7,592	3,901	208	394	204	23	15	89	43	1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23	
11			Morodak Rongreung Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (100T)	Lvea Thmey village, Prambel Mum commune, Treang district			0.000	447713	1186581			1,954	9,462	4,788	424	424	213					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23	
12			Lumpong Kasikam Samaky	0045	Lot 2: CW3-b2/CFAVCM AA/2022-02		Construction of AC storage/warehouse (100T)	Pean Meas Khang Keut village, Lumpong commune, Bati district		B-I MRD	10.000	453136	1179567	Samrong Yong, Bat Roka and Chambok		1,943	8,890	4,510	297	574	274	296	159	595	305	1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23	
13			Sensok Tekhla Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVCM AA/2022-02		Construction of AC storage/warehouse (50T)	Teuk Thla village, Trapeang Krasang commune, Bati district			0.000	422747	1194895			2,158	4,902	5,113	606	238	246					1-Mar-22	27-Oct-22	3-Nov-22		KBH	14-Nov-22	100%		2-Apr-23	
			13	Sub-Total Takeo							1,524,938.97	35.863			0	31,276	51,008	28,101	2,493	6,089	1,293	604	321	1,017	496									777,637.87	
1	Batch II	Tbong Khmum	Dar-Memot Pepper	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (200T)	Chamkar Kor village, Da commune, Memot district		B-III MRD	6.600	588396	1314434	Soung		5,334	25,708	12,234	542	1,446	528					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23	
2			Popel Meanchey	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (100T)	Toul Chan villages, Popel commune, Ponhea Kraek district		B-II MRD	2.789	581000	1321356	Steung		2,430	10,131	5,144	377	375	176	133	198	157	247	27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23	
3			Akphiriek Ponhea Kraek Dambae	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02	11	Construction of AC storage/warehouse (200T)	Popel village, Popel commune, Ponhea Kraek district		B-II MRD	1.446	594224	1309429	Dambae, Steung		2,430	10,131	5,144	377	375	176					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23	
4			Chey Nikum Meanchey	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (100T)	Chey Nikum village, Kandoal Chrum commune, Ponhea Kraek district		B-III MRD	5.800	593330	1308396			5,176	21,741	11,231	629	1,107	543					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23	
5			Romdoul Dontey Agricultural Cooperative	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (50T)	Angkor Leu village, Dountei commune, Ponhea Kraek district				0.000	611558	1307886			3,552	14,764	7,388	639	589	272					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23
6			Lngieng Meanchey	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (200T)	Smounh village, Lngeang communes, Tbong Khmum district		B-II MRD	5.437	563114	1305901	Soung		1,465	6,376	3,239	121	267	152	56	36	162	81	27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23	
7			Baitong Kok Srok	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (100T)	Kok Srok village, Koksrok commune, Dambae district		B-II MRD	2.823	618955	1332034	Dambae		2,468	11,297	5,611	376	670	324					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23	
8			Samaki Meanchey	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (100T)	Chamkar Kor village, Chak commune, Ou Reang Ov district		B-II MRD	8.110	578441	1302906		Ou Reang Ov		3,092	14,235	7,495	515	787	389					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23
9			Romchek Meanchey	0047	Lot 2: CW-3b2/CFAVCM AFF/2022-02		Construction of AC storage/warehouse (200T)	Kampay village, Rumchek commune, Memot district		B-III MRD	2.020	595528	1337132	Soung		3,079	14,012	7,007	349	739	391					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%		30-Jul-23	

No	Batch#	Province	AC Name	PCSS No. Assigned	AC Number	Package No.	Scope of Works	Location Village, Commune, District	Agricultural area under cooperative (Ha)	Estimate Cost US\$	Length of Rural Road connected to AC (KM)	Coordinate (UTM)		Market name	Formation of AC Maintenance Committee	Beneficiaries			Women HH			ID poor				Procurement Process				Implementation Process									
												Latitude X	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1				CS1									
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificatd					
10			Seda Meanchey	0047	Lot 2: CW-3b2/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (200T)	Sedasechey village, Dambae commune, Dambae district		B-III MRD	7.640	533693	1316582	Dam Bae, Steung		4,161	18,393	9,084	435	1,091	542							27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	80%			30-Jul-23		
			10		Sub-Total Tbong Khmum						1,540,524.00	42.665			0	33,187	146,788	73,577	4,360	7,446	3,493	189	234	319	328										732,257.23				
1	Batch II	Kampong Cham	Akphivat Kaksekor-Agricultural Cooperative	0046	Lot 1: CW-3b2/CFAVC/M AFF/2022-01		Construction of AC storage/warehouse (100T)	Sa Ang village, Trapeang Kor commune, Cheung Prey district		B-II MRD	5.500	514119	1340850			1,780	7,743	3,946	339	358	197						27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	85%			30-Jul-23			
2			Chealea Akphivat Agricultural Cooperative	0046	Lot 1: CW-3b2/CFAVC/M AFF/2022-01		Construction of AC storage/warehouse (100T)	Chea Lea village, Chea Lea commune, Batheay district				0.000	492167	1317459			1,684	8,856	4,633	299	253	134					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	85%			30-Jul-23			
3			Sammy Mohakhnong	0046	Lot 1: CW-3b2/CFAVC/M AFF/2022-01		Construction of AC storage/warehouse (50T)	Chong Khnhoung village, Moha Khnhoung commune, Kaoh Sotin district		B-III MRD	8.170	589913	1321503				2,897	10,412	5,097	373	227	107					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	85%			30-Jul-23			
4			Samaki Baray Andong AAng	0046	Lot 1: CW-3b2/CFAVC/M AFF/2022-01		Construction of AC storage/warehouse (100T)	Prey Rumdeng villages, Baray communes, Prey Chhor district		B-II MRD	7.657	524123	1336195		Prey Toteung		3,026	5,525	5,796	405	326	316					27-May-22	31-Oct-22	1-Dec-22		KBH	8-Dec-22	85%			30-Jul-23			
			4		Sub-Total Kampong Cham						461,473.00	21.327			0	9,387	32,536	19,472	1,416	1,164	754															435,354.48		258,122.99	
			35		Grand total Batch II						4,465,737.72	119.773			0	91,755	308,571	164,062	10,699	17,749	7,157	888	594	1,501	900												3,968,509.13		



Ministry of Agriculture, Forestry and Fisheries
Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 ADB Loan 3661-CAM (COL)/8346-CAM (EF) and ADB Grant 0579-CAM (EF)
 MAFF update as of June 2023
Status of Subprojects (Batch III - 2022)



GENERAL INFORMATION																											IMPLEMENTATION PROGRESS									
No	Batch#	Province	AC Name	PCSS No. Assigned	AC Number	Package No.	Scope of Works	Location Village, Commune, District	Agricultural area under cooperative (Ha)	Estimate Cost US\$	Length of Rural Road connected to AC (KM)	Coordinate (UTM)		Market name	Formation of AC Maintenance Committee	Beneficiaries			Women HH			ID poor				Procurement Process					Implementation Process					
												LatitudeX	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1					CS1					
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificatd		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	39	40	41	42	43	44	45	46	47		
1	Batch III	Kampot	Po Chum Meachey AC		Lot 1: CW-3b3/CFAVC/M AFF/2022-01		Construction of AC storage/warehouse (100T)	Pochum village, Dambok Khpos commune, Ankorcheh district			0.000	447471	1193486			3,990	8,179	8,848	558	803	416					1-Jan-23	BER completed and approved PRC 28 Apr 23						55%			
2			Kampong Trach Chamroeuun Kasekor AC		Lot 1: CW-3b3/CFAVC/M AFF/2022-01		Construction of AC storage/warehouse (100T)	Koh Kloutch village, Kampong Trach Khang Keut commune, Kampong Trach district			0.000	441790	1165255			2,070	11,525	5,718	409	462	232					1-Jan-23	BER completed and approved PRC 28 Apr 23	3-May-23	412,656.73	KBH	9-May-23				9-Oct-23	
3			Ponhea Angkor Chamroeuun Chey AC		Lot 1: CW-3b3/CFAVC/M AFF/2022-01		Construction of AC storage/warehouse (100T)	Ponhea Ang village, Wat Ang Khang Cheung commune, Banteay Meas district			B-III MRD	12.390	449544	1188777			1,643	7,269	3,734	220	228	108					1-Jan-23	BER completed and approved PRC 28 Apr 23						55%		
4			Samaky Bailang AC		Lot 1: CW-3b3/CFAVC/M AFF/2022-01		Construction of AC storage/warehouse (100T)	Taphul village, Snay Anchet commune, Chum kiri district				0.000	437038	1209113			1,407	6,234	3,280	259	324	172					1-Jan-23	BER completed and approved PRC 28 Apr 23						55%		
			4	Sub-Total Kampot						479,288.00	12.390				9,110	33,207	21,580	1,446	1,817	928	0	0	0	0				412,656.73								
1	Batch III	Kampong Speu	Khkob Svay Samaky AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Khkob Svay village, Trapeang Kranhoung commune, Tramkak district			0.000	442295	1229432			2,324	10,119	5,117	312	537	286					1-Jan-23	BER completed and approved PRC 28 Apr 23						58%			
2			Samaky Meanchey Phlov Lork AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Phlov Lok village, Ta Ou commune, Kirivong district			B-III MRD	6.530	438807	1230154			2,401	12,068	6,141	262	769	387					1-Jan-23	BER completed and approved PRC 28 Apr 23						58%		
3			Udom Soriya AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (50T)	Taso village, Udom Sorya commune, Tramkok district			B-III MRD	9.040	467968	1222594			2,405	12,443	6,127	507	600	306					1-Jan-23	BER completed and approved PRC 28 Apr 23						58%		
4			Toul Preah Vihear AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Pon tong village, Ban Kam commune, Prey Kabas district				0.000	497112	1230300			1,733	7,927	4,134	233	370	198					1-Jan-23	BER completed and approved PRC 28 Apr 23						58%		
5			Sambuor Chamroeuunphal AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (50T)	Pou village, Sambour commune, Traing district				0.000	482985	1212085			2,495	12,700	6,602	568	474	217					1-Jan-23	BER completed and approved PRC 28 Apr 23						58%		
6			Phum Boeng Amatak AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Beung village, Chumreapen commune, Samroang district			B-III MRD	10.190	471100	1236573			3,442	15,195	7,926	990	572	282					1-Jan-23	BER completed and approved PRC 28 Apr 23						58%		

No	Batch#	Province	AC Name	PCSS No. Assigned	AC Number	Package No.	Scope of Works	Location Village, Commune, District	Agricultural area under cooperative (Ha)	Estimate Cost US\$	Length of Rural Road connected to AC (KM)	Coordinate (UTM)		Market name	Formation of AC Maintenance Committee	Beneficiaries			Women HH			ID poor				Procurement Process				Implementation Process												
												LatitudeX	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1				CS1												
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificate								
8		Ta	Kiri Udom Ta Ou AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Som village, Ta Ou commune, Kirivong district		B-III MRD	8.410	475752	1168239			2,401	12,068	6,141	262	769	387							1-Jan-23	BER completed and approved PRC 28 Apr 23						58%							
7		Ta	Ponleu Sareireang AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Chung Ankor village, Pich Sa commune, Koah Andaet district			0.000	483359	1184014			1,916	9,059	4,835	321	424	223							1-Jan-23	BER completed and approved PRC 28 Apr 23						58%							
9		Ta	Sokpheap Yeung AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Mrum village, Ta Phem commune, Tram kak district			0.000	457514	1217636			3,428	16,493	8,517	702	947	462							1-Jan-23	BER completed and approved PRC 28 Apr 23						58%							
10		Ta	Damrey Rameal AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Trapeang village, Trapeang Thom Khang Tboung commune, Tram kak			0.000	452163	1216397			2,388	10,398	5,092	346	402	187							1-Jan-23	BER completed and approved PRC 28 Apr 23						58%							
11		Ta	Samphlee Angkor Raingsey AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Korvillage, Preykhla commune, Koh Andaet district			0.000	486754	1190988			2,430	11,247	5,830	328	598	358							1-Jan-23	BER completed and approved PRC 28 Apr 23						58%							
12		Ta	Phnom Den Sen Sok AC		Lot 2: CW-3b3/CFAVC/M AFF/2022-02		Construction of AC storage/warehouse (100T)	Toteung village, Phnom Den commune, Kirivong district			0.000	489349	1172152			2,167	8,451	4,398	335	328	158							1-Jan-23	BER completed and approved PRC 28 Apr 23						58%							
12			Sub-Total Takeo									1,407,073.00	34.170			29,530	138,168	70,860	5,166	6,790	3,451	0	0	0	0													1,211,518.92				

No	Batch#	Province	AC Name	PCSS No. Assigned	AC Number	Package No.	Scope of Works	Location Village, Commune, District	Agricultural area under cooperative (Ha)	Estimate Cost US\$	Length of Rural Road connected to AC (KM)	Coordinate (UTM)		Market name	Formation of AC Maintenance Committee	Beneficiaries			Women HH			ID poor				Procurement Process				Implementation Process											
												Latitude X	Longitude Y			Total (HHs)	Total (Person)	F	Total (HH)	Total (Person)	F	Poor 1		Poor 2		CS1				CS1											
																						Total	F	Total	F	Invitation to bid	BER (NOL)	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion Certificatd							
1	Batch III	Tbong Khmum	Kasekor Dambae AC		Lot 4: CW-3b3/CFAVC/M AFF/2022-04		Construction of AC storage/warehouse (100T)	Sramar village, Teukchr ov commune, Dambae district			0.000	601412	1316068			3,028	13,493	7,028	341	630	326					1-Jan-23	BER completed and approved PRC 28 Apr 23									51%					
2			Svay Chanty Ramchek AC		Lot 4: CW-3b3/CFAVC/M AFF/2022-04		Construction of AC storage/warehouse (200T)	Chheu Khlem village, Rumchek commune, Memot district			0.000	619851	1328258			3,079	14,012	7,007	349	739	391					1-Jan-23	BER completed and approved PRC 28 Apr 23									51%					
3			Chiro Rungroeng AC		Lot 4: CW-3b3/CFAVC/M AFF/2022-04		Construction of AC storage/warehouse (100T)	Kampong Russey village, Chiro commune, Tboung Khmum district			0.000	555191	1328376			1,867	7,131	3,685	337	256	126					1-Jan-23	BER completed and approved PRC 28 Apr 23	3-May-23	588,347.46	KBH	9-May-23					51%			9-Oct-23		
4			Or Reang Ov Meanchey AC		Lot 4: CW-3b3/CFAVC/M AFF/2022-04		Construction of AC storage/warehouse (100T)	Tumneap village, Kong Chey commune, O Reang Ov district			0.000	556350	1304224			3,784	17,805	8,978	499	761	387					1-Jan-23	BER completed and approved PRC 28 Apr 23									51%					
5			Samaky Khum Mean AC		Lot 4: CW-3b3/CFAVC/M AFF/2022-04		Construction of AC storage/warehouse (100T)	Prey Sambo Khanglech village, Mean commune, O reang Ov district			0.000	549963	1303858			2,731	13,982	7,358	397	841	457					1-Jan-23	BER completed and approved PRC 28 Apr 23									51%					
			5	Sub-Total Tbong Khmum						672,170.00	0.000					14,489	66,423	34,056	1,923	3,227	1,687																				
1	Batch III	Kampong Cham	Troutrong Kasekor AC		Lot 3: CW-3b3/CFAVC/M AFF/2022-03		Construction of AC storage/warehouse (200T)	Khtuy Bey village, O'Mlou commune, Steung Trang district			0.000	556976	1371828			2,092	9,204	4,675	221	509	259					1-Jan-23	BER completed and approved PRC 28 Apr 23											53%			
2			Kvet Thom Rik Chamroeu AC		Lot 3: CW-3b3/CFAVC/M AFF/2022-03		Construction of AC storage/warehouse (100T)	Khvet Thom village, Khvet Thom commune, Prey Chhor district			0.000	524244	1331665			1,669	6,758	3,575	374	275	145					1-Jan-23	BER completed and approved PRC 28 Apr 23	3-May-23	483,447.47	KBH	9-May-23					53%			9-May-23		
3			Han Chey AC		Lot 3: CW-3b3/CFAVC/M AFF/2022-03		Construction of AC storage/warehouse (100T)	Hanchey village, Hanchey commune, Kampong Siem district			0.000	557146	1342130			1,275	5,763	2,925	211	177	83					1-Jan-23	BER completed and approved PRC 28 Apr 23									53%					
4			Reamear Cheung Prey AC		Lot 3: CW-3b3/CFAVC/M AFF/2022-03		Construction of AC storage/warehouse (100T)	Chheur Teal village, Pdao Chum commune, Cheung Prey district			0.000	505296	1330967			2,065	8,460	4,490	653	339	167					1-Jan-23	BER completed and approved PRC 28 Apr 23									53%					
			4	Sub-Total Kampong Cham						552,349.00	0.000			0	7,101	30,185	15,665	1,459	1,300	654																					
			25	Grand total Batch III						3,110,879.00	46.560			0	60,230	267,983	142,161	9,994	13,134	6,720																					

Annex 8. Details Performance Laboratory Output as of December 2023

Activity 1.e: Strengthening infrastructure for agricultural quality and safety testing at the national agricultural laboratory (NAL)

Under this activity, there are the following sub-targets: sub-target 1.e.1: Crop product quality and safety testing laboratory equipment upgraded; sub-target 1.e.2: Upgrading Biotech-Lab Infrastructure; and Lab equipment; sub-target 1.e.3: Improvement staff competency; 1.e.4 support to achieve ISO 17025 Accreditation; support in business plan recovery; sub-target 1.e.5: support business plan for cost recovery. During this reporting period, the main achievements are as follows:

Sub-target 1.e.1: Crop product quality and safety testing laboratory equipment upgraded

The newly inaugurated Plant Biotechnology Laboratory (PBL) will be supported; no new buildings are required for the sanitary and phytosanitary measures (SPS) testing; however, some building redesign and reorientation is required to satisfy future International Standards Organization (ISO) 17025 accreditation. The main activities of this sub-target focused on upgrading and renovation of Biotech-Lab infrastructure, lab-equipment provision and certification & standards. During the reporting period, the main achievements are as follows:

- Green-House construction with a size of (3 x 23 m) completed and the request letter of a water supply connection is ongoing.
- The design for the lab rooms renovation has been signed the construction by company with NAL and prepared first and second signing agreement construct on 13 February 2023 and the third signing agreement on 24 Feb 2023 by NAL's director, all processing was completed.
- Biotechnology (NAL) Laboratory equipment (including tissue culture house equipment) bid was opened on the 9th of May 2022, but procurement was moved to the next year.

Sub-target 1.e.2: Improve Staff Competencies

During AWPB2023, it is planned to support specific and technical training (training on plant tissue culture, biofertilizer production and quality testing, biopesticide production and quality testing) and on-the-job training on relevant topics on lab-equipment use and management for NAL staff and other relevant capacity development. Due to the budget constraint for implementation from the GCF grant, the emerging result of the activities in Q2 is as follows.

- Overseas training planned for NAL staff under AWPB2023 being processed by PMU.
- Completed technical training course on plant tissue culture for banana and cassava already (led by CS2 Plant tissue culture specialist).
- Completed GMO & Phytotoxin course already (led by CS2 GMO & Phytotoxin specialist).
- Planning and preparation for training on plant tissue culture and biofertilizer / pesticide sample collection for PDAFF in Kampong Cham and Tbong Khmum provinces.
- Field sampling for Plant Tissue Culture (cassava, banana, and ornamental plants) in Takeo and Kampot Provinces
- Prepared and revised concept note on field sampling for GMO and Phytotoxin Analysis for Takeo and Kampot Provinces in the second quarter of AWPB2023.
- Preparing and planning implementation of technical training on GMO and Phytotoxin Analysis (2nd Training), to be led by CS2 GMO & Phytotoxin specialist.
- Preparing and planning implementation of training on laboratory commercialization and service marketing on tissue culture-derived products (banana and cassava)

for PDAFF in Kampong Cham and Tbong Khmum provinces lead by Lab commercialization.

Sub-target 1.e.2.1: Biofertilizer & Biopesticide Production and Quality Testing

This sub-target supports the establishment of a testing regime for organic and biofertilizers and will assist in developing a standard with which the testing will comply, together with advising on the necessary equipment and materials to undertake the recommended analysis. Main activities focused on the following: (i) Undertaking a market assessment of the organic and biofertilizers, including local producers and highlighting the current organic and biofertilizer product registration processes, including legal instruments used in the registration process; (ii) developing testing manuals for those tests that are considered necessary and making recommendations for those tests to be incorporated into organic and biofertilizer quality standards; and (iii) development of testing protocols for testing organic and bio fertilizers that can be used in a testing standard. During the reporting period, the main achievements are as follows:

- Prepared and revised concept note on technical training on Bio-fertilizer/Bio-Pesticide Quality Testing for NAL staff training in the second and third quarters of AWPB2023.
- Prepared and revised concept note on training on plant tissue culture and biofertilizer/pesticide sample collection for PDAFF staff in Takeo and Kompot provinces.
- Prepared and revised concept note on training on plant tissue culture and biofertilizer/pesticide sample collection for PDAFF staff in Kampong Cham and Tbong Khmum provinces.

Sub-target 1.e.2.2: Developing Plant Tissue Culture (TC) and Protocols for Banana and Cassava

Under this sub-target CS2 are supporting the development of meristem tissue culture (TC) protocols for production of cassava to clean up stocks (from Mosaic Virus and mycoplasma) and these protocols will be used to transfer the technology to private sector companies. The main activities in the protocols focus on: the proposed method of using cassava TC with meristem derived in vivo plantlets and leaves grown under environmentally controlled conditions; developing a TC manual for cassava and if there is sufficient time, protocols for other crops or ornamental plants that will benefit from TC and have commercial potential; and developing a strategy, plan and description of the TC methodology. During the reporting period, the main achievements were as follows:

- Prepared and revised the concept note on field sampling for plant TC (cassava, banana and ornamental plants) for Takeo and Kampot Provinces.
- Prepared and revised the concept note on training on plant tissue culture and biofertilizer/pesticide sample collection for PDAFFs in Takeo and Kompot provinces.
- Prepared and revised the concept note on training on plant tissue culture and biofertilizer/pesticide sample collection for PDAFFs in Kampong Cham and Tbong Khmum provinces.
- Developed training materials and posters for running specific extension training.

Sub-target 1.e.3: Support to achieve ISO 17025 accreditation compliance/registration

The main activity of this sub-target focuses on building design and reorientation required to satisfy future International Standard Organization (ISO) 17025 accreditation for the range of tests supported by the project. The other target is to generate revenue of at least US\$ 75,000 per annum by year 6 and to license tissue culture technologies. The main activities have focussed on related specific (plant tissue development, bio-fertilizer, bio-pesticide development and testing) and other relevant capacity development (lab-equipment use and management) support to NAL staff. During the reporting period, the main achievements were as follows:

- Planning implementation of consultative workshop on ISO 17025 Accreditation guidelines for 28-29 August 2023 lead by ISO17025 specialist.
- Revising ISO 17025 guidelines.

- Preparing a document about the laboratory assessment so as to meet ISO 17025 criteria.

Sub-target 1.e.4: Support in the business plan on cost recovery

This sub-target promotes and establishes a commercial ethos within the Plant Biotechnology Laboratory (PBL), to ensure the laboratory will achieve partial cost recovery for its services. The main activities focus on developing training programs on laboratory commercialization, the elaboration of business plans and marketing laboratory services; assessing the laboratories in the country and identifying possible overlaps in testing capability that may create competition; preparing a business plan, presenting a strategy/plan for commercialization to ensure that the laboratory will achieve partial cost recovery for its services.

Annex 9. Details Performance Biodigester and Compost Hut Activity

Data for potential farmers interested to build biodigester and compost hut

No.	Describe the activities	Year 2020				TOTAL 2020	Year 2021				TOTAL 2021	Year 2022				TOTAL 2022	Year 2023				TOTAL 2023	Grand Total
		KCM	TBK	TAK	KPT		KCM	TBK	TAK	KPT		KCM	TBK	TAK	KPT		KCM	TBK	TAK	KPT		
១	ចំនួនអ្នក ជាវឡូជីវឌីស្ត្រីស្តី	125	125	125	125	500	35	53	105	40	233	43	66	91	43	243					0	976
២	ចំនួនអ្នក ចាប់ អារម្មណ៍ សង់ឡូជីវឌីស្ត្រីស្តី	0	0	0	0	0	7	77	25	54	163	10	16	49	45	120					0	283
Sub-Total																						0
១	ចំនួនអ្នក ជាវរោងជី កំប៉ុស្តិ៍	63	62	63	62	250	35	36	105	40	216	39	57	90	43	229					0	695
២	ចំនួនអ្នក ចាប់ អារម្មណ៍ សង់រោងជី កំប៉ុស្តិ៍	0	0	0	0	0	7	39	25	54	125	10	10	44	45	109					0	234
Sub-Total																						

បញ្ជីឈ្មោះកសិកររៀបចំការស្រាវជ្រាវ អភិវឌ្ឍន៍ ការបង្ហាញសាកល្បងសង់ឡធីវិទ្យុស៊ីន រោងកំប៉ុស្តិ៍ និងការប្រើប្រាស់ឡធីវិទ្យុស៊ីន

ល.រ	ឈ្មោះ	ភេទ	ភូមិ	ឃុំ	ស្រុក	ទំហំឡ		ទំហំរោងកំប៉ុស្តិ៍ (៨ម ^៣)	លេខទូរស័ព្ទ
						៤ម ^៣	៦ម ^៣		
1	វង្ស សារ៉ែន	ប	ថ្នល់បែកលិច	ស្វាយទាប	ចំការលើ		√	8m ³	
2	ជី ម៉ុ	ស្រី	គោហើ	ព្រែកកុយ	កងមាស	√		8m ³	097 330 88 55
3	សំអុល ចាន្នី	ប	គោហើ	ព្រែកកុយ	កងមាស		√	8m ³	090 455 644
4	សិន រុទ្ធី	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m ³	097 318 24 82
5	ពៅ សុខណា	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m ³	097 382 01 72
6	នី ណាត	ប	គោហើ	ព្រែកកុយ	កងមាស		√	8m ³	088 686 05 66
6	រួស ពិសី	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m ³	067 772 753
7	ណុន ឡើន	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m ³	090 416 488
9	ប៉ាក អាន	ប	គោហើ	ព្រែកកុយ	កងមាស		√	8m ³	097 988 95 28
10	ប៉ោ ស្រៀន	ប	គោហើ	ព្រែកកុយ	កងមាស		√	8m ³	089 342 356
11	រឿន ភាព	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m ³	012 808 679
12	ឈុន សំអាត	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m ³	097 869 879
13	ស៊ិន កុសល	ប	កោះរកាក្នុង	កោះរកា	កំពង់សៀម	√		8m ³	031 615 33 35
14	សុខ គា	ប	កោះរកាក្នុង	កោះរកា	កំពង់សៀម	√		8m ³	099 665 054
15	ឡុង សុខ	ប	កោះរកាក្នុង	កោះរកា	កំពង់សៀម	√		8m ³	085 532 252
16	គឹម ពៅ	ស	អូបេង	បេសជ្រៃ	ស្ទឹងត្រង់	√		8m ³	012 987 122
17	យ៉ុ ពេជ្រ	ស	ដូង	សំរោង	ព្រៃឈរ	√		8m ³	092 986 672
18	ខ្មៅ អុន	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m ³	0៩៧ ៩៩៨៣៨៨៧
19	ភឿង វណ្ណ៍ន	ស្រី	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m ³	0៩៧ ២៣០៣៨១៩
20	ជា យោន	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m ³	0៨៨ ៩៩៥៨៨៧៥
21	ម៉ាប់ ចន្តា	ស្រី	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m ³	0៩៧ ៨០១៦៦៨៥

22	ស្រស់ ស្រុង	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m ³	0៧១ ២៨៣៦១៤៧
23	អិរ ពួក	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ		√	8m ³	0៩៧ ៣៦៨៨៣៧៨
24	ជឿន ជាត	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m ³	0៩៧ ៥២២៩៦៨៨
25	សុត សាញ់	ប្រុស	ស្មោញ	ល្បែង	ត្បូងឃ្មុំ	√		8m ³	0៨៨ ៨៨១ 0៧៨៤
26	សែម យ៉ុង	ប្រុស	ស្មោញ	ល្បែង	ត្បូងឃ្មុំ	√		8m ³	088 682 76 54
27	ទៃ រឿង	ស្រី	ស្មោញ	ល្បែង	ត្បូងឃ្មុំ	√		8m ³	060 636 159
28	សិន ពៅ	ស្រី	ស្មោញ	ល្បែង	ត្បូងឃ្មុំ	√		8m ³	071 677 23 48
29	ស៊ុយ ស៊ុនអេង	ស្រី	ត្រពាំងទន្សោង	កណ្តាលជ្រុំ	ពញាក្រែក	√		8m ³	071 264 08 47
30	ប៊ុន ស្រង	ស្រី	ត្រពាំងទន្សោង	កណ្តាលជ្រុំ	ពញាក្រែក	√		8m ³	088 766 14 52
31	ថៃ ផល្លី	ប្រុស	ត្រពាំងទន្សោង	កណ្តាលជ្រុំ	ពញាក្រែក	√		8m ³	097 940 94 65
32	ឈឹម យឿន	ស្រី	ត្រពាំងទន្សោង	កណ្តាលជ្រុំ	ពញាក្រែក	√		8m ³	088 382 88 12
33	ស៊ុន ឆៃលាង	ស្រី	ត្រពាំងទន្សោង	កណ្តាលជ្រុំ	ពញាក្រែក	√		8m ³	071 935 50 15
34	មី សំអន	ប	ផ្លូវលោក	ត្រពាំងក្រញូង	ត្រាំកក់		√	8m ³	0៩៦ ៣៩៦ ៣៥២៤
35	គង់ មឿន	ប	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់		√		0១៧ ៣៥៦ ៧៩៨
36	សឹម សៅ	ប	ត្រពាំងថ្មាន់	ឧត្តមសុរិយា	ត្រាំកក់		√		0៩៦ ៣២៨ ៩0៧0
37	សឿង វណ្ណា	ប	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់		√		0១២ ២១៨ ៦៦១
38	ចឹម វន្តី	ស	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់	√			N/A
39	អុំ សឹម	ប	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់	√			0៩៦ ៧៨២ ៤៩៧៧
40	គៀត យឿង	ប	រំពាក់ពេន	ឧត្តមសុរិយា	ត្រាំកក់	√			0៨៩ ៩00

				យា					៩៦៤
41	សឹម ទឹម	ស	ត្រពាំងថ្លាន់	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			N/A
42	សួន ផល្លា	ស	តាសូ	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			០៨៨ ៣០១ ៧៤២២
43	ញឹម ធី	ប	ត្រពាំងថ្លាន់	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			០៨៧ ៧៤៩ ០៣៩២
44	ទឹម រុន	ប	ត្រពាំងត្រ គៀត	ឧត្តមស្វរិ យា	ត្រាំកក់		✓		០៩៦ ៧០៧ ៣៩១៥
45	សៀន ចន្ទ	ស	ត្រពាំងថ្លាន់	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			០៩៦ ២៩០ ៥២០៣
46	សូត្រ សារិន	ប	ត្រពាំងថ្លាន់	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			០១០ ៧៦០ ៨៥៨
47	សូត្រ ជុន	ប	ត្រពាំងថ្លាន់	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			០៩៦ ៩២០ ៥១៣២
48	ប៉ុង ខុំ	ប	ត្រពាំងថ្លាន់	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			០៩៦ ៥៣២ ៦៤២១
49	សៅ សៀន	ប	ត្រពាំងថ្លាន់	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			N/A
50	ស្រី ធន	ប	ត្រពាំងត្រ គៀត	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			០៨៩ ២៣៩ ៧១៣
51	ជា ចន	ប	តាសូ	ឧត្តមស្វរិ យា	ត្រាំកក់	✓			N/A
52	ម៉ែន ធា	ស	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្គរជ័យ		✓	8m ³	077 771 263
53	ជួន អន	ប	ដំណាក់ត្រយី ង	សំរោងលើ	បន្ទាយមាស		✓		085 41 69 07
54	អ៊ុក សុខា	ស	ត្រពាំង កំណប់	ដំបូកខ្ពស់	អង្គរជ័យ		✓		017 83 64 70
55	អ៊ុក សារ៉េន	ស	ត្រពាំង	ដំបូកខ្ពស់	អង្គរជ័យ	✓			066 27 17

			កំណប់						78
56	នូ រដ្ឋ	ប	វាលត្បាល់	មានជ័យ	ឈូក	√			097 63 44 714
57	ស្រី សេង	ប	វាលត្បាល់	មានជ័យ	ឈូក	√			088 5174 726
58	មា គន្ធា	ស	ទឹកក្រហម	កណ្តាល	ទឹកឈូ	√			088 9120 148
59	ស៊ុន គន្ធី	ស	ទឹកក្រហម	កណ្តាល	ទឹកឈូ	√			097 2550 843
60	មា ថុង	ស	ទឹកក្រហម	កណ្តាល	ទឹកឈូ	√			088 7137 096
61	ញប ម៉េង	ស	ត្រពាំងឫស្សី	ដំណាក់សុ ក្រំ	ដងទង់	√			097 3289 411
62	សួន វណ្ណា	ប	ត្រពាំងឫស្សី	ដំណាក់សុ ក្រំ	ដងទង់		√		071 9667 929
63	វិញ វិច្ឆិកា	ស	ត្រពាំងឫស្សី	ដំណាក់សុ ក្រំ	ដងទង់		√		097 960 2287
64	ង៉ែត ស៊ា	ប	ស្វាយផ្អែម	វត្តអង្គខាង ជើង	បន្ទាយមាន	√			097 288 3426
65	អ៊ឹម ស៊ីណូ	ស	ស្វាយផ្អែម	វត្តអង្គខាង ជើង	បន្ទាយមាន	√			071 6045 675
66	ខៀវ វី	ប	ដំណាក់ត្រយី ង	សំរោងលើ	បន្ទាយមាន	√			011 887 199
67	សាយ ទុច	ប	ដំណាក់ត្រយី ង	សំរោងលើ	បន្ទាយមាន	√			096 793 5993
68	អ៊ូច សុខ	ប	ដំណាក់ត្រយី ង	សំរោងលើ	បន្ទាយមាន	√			097 284 8951
69	សោម វណ្ណា	ប	ដំណាក់ត្រយី ង	សំរោងលើ	បន្ទាយមាន	√			012 76 06 61

Annex 10. Details Performance New Seed Multiplication and Distribution as of 31 December 2023

Sub-target 2.a.1: 3 Additional climate-resilient varieties developed and released

The project is supporting Cambodia to develop, release and distribute to farmers new climate-resilient varieties including hybrid seed production and multiplication. It is planned that this will be a direct contract to IRRI in cooperation with CARDI and a third party for the distribution. The program to be implemented by CARDI is large-scale training on farmer-seed production and seed multiplication of climate resilient varieties for each target crop in the target provinces and distribution of quality seed to farmers for conducting farm-demonstrations and for production. Moreover, the project will assist CARDI to develop a commercialization program with recommendations on the legal framework to develop intellectual property rights and partial cost recovery for the institution. During the reporting period, the main achievements and details of field monitoring are as follows:

- A promising line of Cassava CMD resistant variety (seed increase of IITA line) was planted on June 24th in Chamkar Leu, Kampong Cham.
- Multi-location trials of rice varieties have been undertaken (pop. PRD/CAR11, PRD/RCH, SPD/SKO-01, CAR15/pi21). CARDI have finished data collection and processing for one trial. Another 2 trials were sown on June 15th and transplanted on July 11th. Three trials in the provinces will be started in early August.
- Multi-location trials on CMD-resistant cassava lines from IITA have been planted. One trial on CARDI seed was planted in Kampong Cham, Preah Vihear on March 30th June 16th, June 24th, and a further trial on 30 April in Kratie.
- On-farm adaptive trials on a promising line of.....have started, with one trial started in Kampot whilst additional trials will be undertaken in the second crop season in August.
- Field demonstrations of Champey Sar70 with ten demos will be undertaken. Site selection for five trials Tboung Khmum, and five in Kampot has been completed. The seed was distributed to Kampot on July 17th, and for Tboung Khmum will be sent on July 25th 2023.
- BS and FS Seed Production of PMD, PRD, Champey Sar70 was sown on June 15th and transplanted on June 29th 2023.
- Training of farmer groups on best management practice (BMP) of rice, cassava, and maize production was undertaken by CARDI with six training courses attended by 150 trainees (80 women).

Annex 11. Detail Performance Land Levelling Activity as per 31 December 2023

Sub-target 2.a.4: Laser Levelling Demonstrations on 4,000 hectares and procurement

The project, in collaboration with institutions such as IRRI and the Agricultural Engineering and Machinery Department of MAFF, will support laser land levelling on up to 4,000 ha (approximately 1,000 ha per province) to improve water use efficiency and enhance crop yields in selected climate resilient irrigation and water management systems supported by the project. The laser land levelling, including an orientation on basic tractor operation and laser levelling equipment troubleshooting, will also serve as a training exercise for potential service providers in the CFAVC provinces.

The updated final draft of the AWPB 2023 includes the activity to conduct laser land levelling on a total of 500 hectares of paddy fields across the target provinces. The paddy fields will be selected from irrigation schemes already rehabilitated by the project and where FWUCs has been established. During the reporting period, there was no progress on implementation.

Summary progress of paddy selection for land levelling by Apr-Jun 2023

N	Activities	Province names	Unit	Annual Target 2023	Actual progress Jan-Mar 23	Cumulative progress by March 2023	Total Cumulative households	Total Cumulative women
1	Identification land for laser levelling	TAK	ha	400	0	125.89	935	397
2		KPT	ha	400	0	67.99	467	260
3		KCM	ha	400	0	166.40	730	258
4		TBK	ha	400	0	58.30	646	302
Total			ha	1,600	0	418.58	2,778	1,227

Annex 12. Details Performance Farmer Training Activity as per 31 December 2023

OUTPUT 1: Critical agribusiness value chain infrastructure improved and made climate-resilient.
 (លទ្ធផលទី ១): ហេដ្ឋារចនាសម្ព័ន្ធខ្សែសង្វាក់តម្លៃកសិធុរៈកិច្ចផលសំខាន់ ត្រូវបានកែលម្អ និងធ្វើឱ្យមានភាពធន់នឹងអាកាសធាតុ (For Year 2020)

No.	Activities	Achievement	Total participants/qty		
			Total Person	Female	% Female
1. Training and Capacity building / វគ្គបណ្តុះបណ្តាល និងការពង្រឹងសមត្ថភាព		14	441	59	13%
1	Training for supervisors, coordinators, masons, etc បណ្តុះបណ្តាលដល់អ្នកត្រួតពិនិត្យ, អ្នកសម្របសម្រួល និងជាងសាងសង់	8	279	27	10%
2	National workshops សិក្ខាសាលាថ្នាក់ជាតិ	1	28	6	21%
3	Staff training on biodigester and compost hut sector វគ្គបណ្តុះបណ្តាលដល់មន្ត្រីអនុវត្តគម្រោងស្តីពីឡូជីវខ្សែស្នួន និងរោងចក្របំប្លែង	2	106	22	21%
4	Networking, R&D បណ្តាញ ការស្រាវជ្រាវ និងអភិវឌ្ឍន៍	3	28	4	14%
2. Promotion & Marketing on promoting renewable energy sector ការផ្សព្វផ្សាយ និងទីផ្សារ លើការលើកកម្ពស់វិស័យថាមពលកកើតឡើងវិញ		128	5,847	2,876	49%
1	Small group training វគ្គបណ្តុះបណ្តាលក្រុមតូច	95	2,446	1,138	47%
2	Commune and provincial workshops សិក្ខាសាលាថ្នាក់ឃុំ និងខេត្ត	2	124	19	15%

3	Field coaches and mentors ការបង្វឹក និងការត្រួតពិនិត្យនៅទីវាល	21	3,207	1,709	53%
4	Monitoring meetings ការប្រជុំត្រួតពិនិត្យ	10	70	10	14%
3. Monitoring & Evaluation on promoting renewable energy sector ការតាមដានត្រួតពិនិត្យ និងវាយតម្លៃ លើការលើកកម្ពស់វិស័យថាមពលកកើតឡើងវិញ		91	318	59	19%
1	Provincial PBO/PPIU monthly meeting ការប្រជុំខ្ពស់ភាពប្រជុំខែ សម្រាប់អង្គការអនុវត្ត គម្រោងថ្នាក់ខេត្ត	27	190	50	26%
2	Management staff monitoring ការគ្រប់គ្រងត្រួតពិនិត្យមន្ត្រីអនុវត្តគម្រោង	64	128	9	7%
4. Innovation & VC Improvement on promoting renewable energy sector នវានុវត្តន៍ និងកែលម្អខ្សែច្រវាក់ផលិតកម្ម លើការលើកកម្ពស់វិស័យថាមពលកកើតឡើងវិញ		92	528	169	32%
1	TOT training for BEO/PPIU & Extension Workers វគ្គបណ្តុះបណ្តាលគ្រូបង្ហាត់សម្រាប់អង្គ ការអនុវត្តគម្រោងថ្នាក់ខេត្ត និងមន្ត្រីជំនាញផ្សេងៗ	3	42	10	24%
2	Key Farmer training & exchange visits បណ្តុះបណ្តាលកសិករគំរូ និងទស្សនៈកិច្ចសិក្សា	1	39	8	21%
3	Model farmers experiment ការធ្វើពិសោធន៍បង្ហាញកសិករគំរូ	75	291	83	29%
4	Integrated farming demonstrations កសិដ្ឋានបង្ហាញកសិកម្មចម្រុះ	10	31	6	19%
5	Composting training វគ្គបណ្តុះបណ្តាលការផលិតជីកំប៉ុស្តិ៍	2	44	19	43%
6	Dissemination workshops សិក្ខាសាលាផ្សព្វផ្សាយ	1	81	43	53%
Total Output #1 សរុបលទ្ធផលទី១:		325	7,134	3,163	44%

OUTPUT 2: Climate-smart agriculture and agribusiness promoted
 (លទ្ធផលទី ២): ជំរុញការអនុវត្តកសិកម្មវៃឆ្លាត និងកសិធុរៈកិច្ចមានលក្ខណៈស្របទៅនឹងអាកាសធាតុ (For Year 2020)

No.	Activities	Achievement	Total participants/qty		
			Total Person	Female	% Female
1. Sustainable rice production វគ្គបណ្តុះបណ្តាលផលិតកម្មដំណាំស្រូវប្រកបដោយនិរន្តរភាព (SRP)		35	875	458	52%
1	Training of farmers group on sustainable rice production វគ្គបណ្តុះបណ្តាលកសិករស្តីពីផលិតកម្មដំណាំស្រូវប្រកបដោយនិរន្តរភាព	35	875	458	52%
2. Climate Resilient Agriculture (CSA) កសិកម្មវៃឆ្លាតដែលធន់ទៅនឹងអាកាសធាតុ (CSA)		20	501	288	57%
1	Training on farmers group on climate resilient agriculture វគ្គបណ្តុះបណ្តាលកសិករស្តីពីកសិកម្មវៃឆ្លាតដែលធន់ទៅនឹងអាកាសធាតុ	20	501	288	57%
3. Promoting farm mechanization and extension ជំរុញ និងផ្សព្វផ្សាយការប្រើប្រាស់គ្រឿងយន្តបន្ថែមកសិកម្ម		20	636	226	36%
1	Training of farmers on O&M of agricultural machinery វគ្គបណ្តុះបណ្តាលកសិករស្តីពីការប្រើប្រាស់ និងថែទាំគ្រឿងយន្តកសិកម្ម	4	126	47	37%
2	Training of farmers on post-harvest technology វគ្គបណ្តុះបណ្តាលកសិករស្តីពីបច្ចេកវិទ្យាក្រោយប្រមូលផលស្រូវ	4	128	45	35%

3	Rice storage operations វគ្គបណ្តុះបណ្តាលកសិករស្តីពីកិច្ចប្រតិបត្តិការទុកដាក់ស្រូវអង្ករ	4	128	44	34%
4	Training of farmers on laser land levelling វគ្គបណ្តុះបណ្តាលកសិករស្តីពីការកៀរពង្រាបដីស្រែដោយប្រព័ន្ធឡាហ្វឺរ	4	126	43	34%
5	Training of farmers on agriculture production conservation វគ្គបណ្តុះបណ្តាលកសិករស្តីពីផលិតកម្មកសិកម្មរក្សា	4	128	47	37%
4. Good agricultural practices on mango (CAMGAP) ការអនុវត្តកសិកម្មល្អលើដំណាំស្វាយ		10	318	125	39%
1	Training of farmers on good agriculture practices on mango វគ្គបណ្តុះបណ្តាលកសិករស្តីពីការអនុវត្តកសិកម្មល្អលើដំណាំស្វាយ	10	318	125	39%
4. Strengthen agricultural cooperative leadership (ACs Boards) ពង្រឹងស្ថាប័នថ្នាក់ដឹកនាំសហគមន៍កសិកម្ម		10	322	117	36%
1	Training on Agriculture Cooperative leadership and Management Skills វគ្គបណ្តុះបណ្តាលស្តីពីជំនាញដឹកនាំ និងគ្រប់គ្រងសហគមន៍កសិកម្ម	4	130	50	
2	Training on Business Development plan វគ្គបណ្តុះបណ្តាលស្តីពីផែនការអភិវឌ្ឍន៍មុខជំនួញ	4	128	48	38%
3	Training on Agricultural Cooperative Accounting Registration វគ្គបណ្តុះបណ្តាលស្តីពីការចុះបញ្ជីគណនេយ្យសហគមន៍កសិកម្ម	1	32	9	28%
4	Training on Annual Reprot Writing វគ្គបណ្តុះបណ្តាលស្តីពីការសរសេររបាយការណ៍ប្រចាំឆ្នាំ	1	32	10	31%
Total Output #2 សរុបលទ្ធផលទី២:		95	2,652	1,214	46%
Total Output #1 + Output #2		420	9,786	4,377	45%

OUTPUT 1: Critical agribusiness value chain infrastructure improved and made climate-resilient.

លទ្ធផលទី ១): ហេដ្ឋារចនាសម្ព័ន្ធខ្សែសង្វាក់តម្លៃកសិធុរៈកិច្ចដ៏សំខាន់ ត្រូវបានកែលម្អ និងធ្វើឱ្យមានភាពធន់ នឹងអាកាសធាតុ (For 2021)

No.	Activities	Achievement	Total participants/qty		
			Total Person	Female	% Female
1. Training and Capacity building / វគ្គបណ្តុះបណ្តាល និងការពង្រឹងសមត្ថភាព		50	762	147	19%
1	Training of extension officers/workers វគ្គបណ្តុះបណ្តាលដល់មន្ត្រី និងអ្នកផ្សព្វផ្សាយ	29	377	76	20%
2	National workshops on biodigester and composting dissemination information សិក្ខាសាលា ផ្សព្វផ្សាយព័ត៌មានថ្នាក់ជាតិស្តីពីឡដីរន្ធដុំ និងរោងជីកំប៉ុស្តិ៍	3	90	13	14%
3	TOT training on bio-gas plant, bio-slurry use and management for PDAFF & extension workers វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលស្តីពីការប្រើប្រាស់ និងគ្រប់គ្រងឡដីរន្ធដុំ និងជីឡដុំដល់មន្ត្រីកសិកម្ម និងអ្នកផ្សព្វផ្សាយ	16	261	40	15%
4	Training on composting and its application to biogas farmers វគ្គបណ្តុះបណ្តាលស្តីពីការផលិត ជីកំប៉ុស្តិ៍ និងការប្រើប្រាស់ដល់កសិករ	2	34	18	53%
2. Promotion & Marketing on promoting renewable energy sector ការផ្សព្វផ្សាយ និងទីផ្សារ លើការលើកកម្ពស់វិស័យថាមពលកកើតឡើងវិញ		115	5,498	2,519	46%
1	Small group or village meeting to identifying and selecting interest clients ប្រជុំក្រុមតូច និងប្រជុំភូមិ កំណត់អត្តសញ្ញាណ និងជ្រើសរើសអតិថិជនចាប់អារម្មណ៍	91	2,043	1,044	51%

2	Commune & provincial workshops on project dissemination, identification and selection clients សិក្ខាសាលាផ្សព្វផ្សាយគម្រោងថ្នាក់ឃុំ និងខេត្ត កណ្តាប់អត្តសញ្ញាណ និងជ្រើសរើសអតិថិជន	2	57	15	26%
3	Coordination and monitoring meeting (on marketing mechanism) / g សម្របសម្រួល និងប្រជុំត្រួតពិនិត្យ យន្តការទីផ្សារ	2	44	13	30%
4	Field coaching and mention on promotion and marketing ការបង្វឹក និងការត្រួតពិនិត្យនៅទីវាលពីការផ្សព្វផ្សាយ និងទីផ្សារ	20	3,354	1,447	43%
3. Monitoring & Evaluation on promoting renewable energy sector ការតាមដានត្រួតពិនិត្យ និងវាយតម្លៃ លើការលើកកម្ពស់វិស័យថាមពលកកើតឡើងវិញ		4	64	11	17%
1	Provincial PBO/PPIU monthly meeting ការប្រជុំខ្ទង់ភាពប្រជុំខែ សម្រាប់អង្គភាពអនុវត្តគម្រោងថ្នាក់ខេត្ត	1	32	4	13%
2	Field mentoring & coaching and M&E by PPIU and GDAHP/PMU ការត្រួតពិនិត្យ និងការបង្វឹក តាមដាន និងវាយតម្លៃពីអង្គភាពអនុវត្តគម្រោងថ្នាក់ខេត្ត និងថ្នាក់ជាតិ GDAHP/PMU	3	32	7	22%
4. Innovation & VC Improvement on promoting renewable energy sector នវានុវត្តន៍ និងកែលម្អខ្សែច្រវាក់ផលិតកម្ម លើការលើកកម្ពស់វិស័យថាមពលកកើតឡើងវិញ		4	158	31	20%
1	Training to Model farmers & exchange visits វគ្គបណ្តុះបណ្តាលដល់កសិករគំរូ និងទស្សនៈកិច្ចសិក្សា	2	81	14	17%
2	Dissemination/reflection workshops សិក្ខាសាលាផ្សព្វផ្សាយ និងឆ្លុះបញ្ចាំង	2	77	17	22%
Total Output #1 សរុបលទ្ធផលទី១:		173	6,482	2,708	42%

OUTPUT 2: Climate-smart agriculture and agribusiness promoted

(លទ្ធផលទី ២): ជំរុញការអនុវត្តកសិកម្មឆ្លាត និងកសិធុរៈកិច្ចមានលក្ខណៈស្របទៅនឹងអាកាសធាតុ (For Year 2021)

No.	Activities	Achievement	Total participants/qty		
			Total Person	Female	% Female
A. Training of Trainer (ToT) for CSA, SRP/a Farm Mechanization /a វគ្គបណ្តុះបណ្តាលគ្រូបង្គោល សម្រាប់ CSA, SRP សម្រាប់យន្តការកសិកម្ម		75	1,884	1,312	70%
1	Training of trainer (TOT) for SRP rice cultivation (oversea) វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលសម្រាប់ SRP ការដាំដុះដំណាំស្រូវ (ក្រៅប្រទេស)	1	16	9	56%
2	Training of trainer (TOT) for CSA on rice, cassava and maize (National) វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលសម្រាប់ CSA លើដំណាំស្រូវ ជំឡូងមី និងពោត (ថ្នាក់ជាតិ)	1	12	5	42%
3	Training of trainer (TOT) for provincial trainers for SRP rice cultivation (local) វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលសម្រាប់ SRP គ្រូថ្នាក់ខេត្ត លើការដាំដុះដំណាំស្រូវ (ក្នុងតំបន់)	2	16	5	31%
4	Training of trainer (TOT) for provincial team for CSA on rice, maize, and cassava (local) វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលសម្រាប់ CSA ក្រុមការងារថ្នាក់ខេត្ត លើការដាំដុះដំណាំស្រូវ ពោត និងជំឡូងមី (ក្នុងតំបន់)	1	30	9	30%
5	Training of farmer on SRP for rice cultivation វគ្គបណ្តុះបណ្តាលកសិករលើ SRP សម្រាប់ការដាំដុះដំណាំស្រូវ	60	1,800	1,280	71%
6	Cassava seed demonstration (at farmers and Chamkar Leu Station) ធ្វើបង្ហាញពូជជំឡូងមី (ស្ថានីយ៍ចំការលើ)	10	10	4	40%

A 1. Training of farmers on CamGAP for Mango/a វគ្គបណ្តុះបណ្តាលកសិករលើការអនុវត្តកសិកម្មល្អ លើដំណាំស្វាយ		15	272	93	34%
1	Training of trainer (TOT) on CamGAP for Mango (local) វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលលើការអនុវត្តកសិកម្មល្អ លើដំណាំស្វាយ (ក្នុងតំបន់)	2	12	3	25%
2	Training of farmers on CamGAP compliant for Mango វគ្គបណ្តុះបណ្តាលកសិករអនុលោមលើការអនុវត្តកសិកម្មល្អ លើដំណាំស្វាយ	8	160	55	34%
3	Training of farmers on drip irrigation system operation and maintenance វគ្គបណ្តុះបណ្តាលកសិករលើការប្រើប្រាស់ប្រព័ន្ធដំណាក់ទឹកសម្រាប់ការងារប្រតិបត្តិ និងថែទាំ	5	100	35	35%
B. Training of trainer (TOT) for AC business development/a វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលសម្រាប់ការអភិវឌ្ឍមុខជំនួញសហគមន៍កសិកម្ម		8	210	66	31%
1	Training of trainer (TOT) for AC's board on AC's management, leadership & administration វគ្គបណ្តុះបណ្តាលគ្រូបង្គោល សម្រាប់ក្រុមប្រឹក្សាភិបាលរបស់សហគមន៍កសិកម្មលើការគ្រប់គ្រង ភាពជាអ្នកដឹកនាំ និងការគ្រប់គ្រងរបស់ AC	2	60	18	30%
2	Training on management & Leadership and administration for Acs វគ្គបណ្តុះបណ្តាលស្តីពីការគ្រប់គ្រង ភាពជាអ្នកដឹកនាំ និងការគ្រប់គ្រងសម្រាប់សហគមន៍កសិកម្ម	6	150	48	32%
C. Landscape restoration (farm mechanization)/a ការស្តារឡើងវិញ (យន្តការកសិកម្ម)		23	513	126	25%
1	Training of trainer (TOT) on agricultural machinery O&M for AC and farmer groups វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលគ្រឿងយន្តកសិកម្មលើការងារប្រតិបត្តិ និងការថែទាំសម្រាប់សហគមន៍កសិកម្ម និងក្រុមកសិករ	4	38	6	16%

2	Training for farmer groups, coop and irrigated farmers in agriculture conservation-FWUC វគ្គបណ្តុះបណ្តាលសម្រាប់ក្រុមកសិករ សហករណ៍ និងកសិករស្រោចស្រពក្នុងការអភិរក្សកសិកម្ម-FWUC	19	475	120	25%
Total Output #2 សរុបលទ្ធផលទី២:		121	2,879	1,597	55%
Total Output #1 + Output #2		294	9,361	4,305	46%

OUTPUT 1: Critical agribusiness value chain infrastructure improved and made climate-resilient.

(លទ្ធផលទី ១): ហេដ្ឋារចនាសម្ព័ន្ធខ្សែសង្វាក់តម្លៃកសិធុរៈកិច្ចដ៏សំខាន់ ត្រូវបានកែលម្អ និងធ្វើឱ្យមានភាពធន់នឹងអាកាសធាតុ (For Year 2022)

No.	Activities	Achievement	Total participants/qty		
			Total Person	Female	% Female
1. On the job training to NAL staff វគ្គបណ្តុះបណ្តាលលើការអនុវត្តជាក់ស្តែងដល់មន្ត្រីនៃមន្ទីរពិសោធន៍ដោយការអនុវត្តជាក់ស្តែង		32	384	288	75%
1	On-the Job training on Plant tissue culture វគ្គពង្រឹងសមត្ថភាពដល់មន្ត្រីនៃមន្ទីរពិសោធន៍ដោយអនុវត្តជាក់ស្តែងលើជាការពង្រីកពូជដំណាំតាមរយៈជាលិការវប្បកម្ម	6	72	54	75%
2	On-the job training on mother plant collection for multiplication through tissue culture for cassava (វគ្គបណ្តុះបណ្តាល និងអនុវត្តជាក់ស្តែងស្តីពីការកំណត់ និងជ្រើសរើស រុក្ខសម្ភារៈមេ សម្រាប់ធ្វើការពង្រីកពូជដំឡូងមី តាមរយៈជាលិការវប្បកម្ម)	6	72	54	75%
3	On-the job training on mother plant collection for multiplication through tissue culture for banana (វគ្គបណ្តុះបណ្តាលនិងអនុវត្តស្តីពីការកំណត់ និងជ្រើសរើស រុក្ខសម្ភារៈមេ សម្រាប់ធ្វើការពង្រីកពូជចេក តាមរយៈជាលិការវប្បកម្ម)	6	72	54	75%
4	on-Job training course on the quality testing of biofertilizer and biopesticide (វគ្គពង្រឹងសមត្ថភាពដល់មន្ត្រីនៃមន្ទីរពិសោធន៍លើការវិភាគគុណភាពជីកសិកម្មជីវសាស្ត្រ និងថ្នាំកសិកម្មជីវសាស្ត្រ)	12	144	108	75%

5	Field study on how to identify and collect quality mother plant for multiplication through tissue culture for cassava and banana (ចុះកម្មសិក្សាស្តីពីការកំណត់ និងជ្រើសរើស រុក្ខសម្ភារៈមេ សម្រាប់ធ្វើការពង្រីកពូជដំណាំតាមរយៈជាលិការវប្បកម្មដំណាំដំបូង និងដំឡូងមី)	1	12	9	75%
6	Conduct market survey on the use and quality of biofertilizer and organic fertilizer in local market (ការសិក្សាការប្រើប្រាស់និងគុណភាពនៃជីកសិកម្មជីវសាស្ត្រ និងជីកសិកម្មសរីរាង្គក្នុងខេត្តគោលដៅ)	1	12	9	75%
2. Training & Capacity Building on promoting renewable energy sector វគ្គបណ្តុះបណ្តាល និងការពង្រឹងសមត្ថភាព លើការលើកកម្ពស់វិស័យថាមពលកើតឡើងវិញ		88	1,525	341	22%
1	Refresher training of extension workers for biodigester and bio-slurry /e (វគ្គពង្រឹងសមត្ថភាពដល់អ្នកផ្សព្វផ្សាយស្តីពីឡធីវឌ្ឍន៍ និងជីឡឌឌឌ)	28	334	82	25%
2	National workshops on biodigester and composting dissemination information (សិក្ខាសាលាថ្នាក់ជាតិ ស្តីពីការផ្សព្វផ្សាយព័ត៌មាននៃឡធីវឌ្ឍន៍ និងការផលិតកំប៉ុស្ត)	4	152	30	20%
3	User training for biogas plant and bio-slurry (biogas plant and bio-slurry management) (វគ្គបណ្តុះបណ្តាលដល់អ្នកប្រើប្រាស់ឡធីវឌ្ឍន៍ និងជីឡឌឌឌ (ការគ្រប់គ្រងឡធីវឌ្ឍន៍ និងជីឡឌឌឌ))	14	277	78	28%
4	TOT training on biogas plant, bio-slurry use and management for extension workers (វគ្គបណ្តុះបណ្តាលគ្រូបង្គោល ស្តីពីឡធីវឌ្ឍន៍ និងជីឡឌឌឌ ដល់អ្នកផ្សព្វផ្សាយ)	14	206	31	15%
5	Training on composting and its application to farmers and agriculture community (វគ្គបណ្តុះបណ្តាលការផលិតជីកំប៉ុស្ត និងការប្រើប្រាស់ ដល់កសិករនិងសហគមន៍កសិកម្ម)	18	296	68	23%

6	Training on M&E on biodigester and compost hut for PDAFF (វគ្គបណ្តុះបណ្តាលប្រព័ន្ធតាមដានត្រួតពិនិត្យ និងវាយតម្លៃលើឡធានា និងរោងដីកំប៉ុស្តិ៍សម្រាប់មន្ត្រីអនុវត្តគម្រោងថ្នាក់ខេត្ត)	3	87	16	18%
7	National training on biodigester construction techniques and quality control (វគ្គបណ្តុះបណ្តាលថ្នាក់ជាតិស្តីបច្ចេកទេសសាងសង់ និងត្រួតពិនិត្យគុណភាពដីឡធានា)	2	65	10	15%
8	Internal exchange visit on-site on site learning and field practices to EWs, key farmers, potential farmers (ទស្សនកិច្ចសិក្សាក្នុងតំបន់ទៅលើការរៀនសូត្រ និងអនុវត្តផ្ទាល់នៅទីវាលដល់អ្នកផ្សព្វផ្សាយ, កសិករគំរូ និងកសិករ មានសក្តានុពល)	5	108	26	24%
3. Promotion & Marketing on promoting renewable energy sector ការផ្សព្វផ្សាយ និងទីផ្សារ លើការលើកកម្ពស់វិស័យថាមពលកើតឡើងវិញ		510	15,093	7,722	51%
1	Small group meeting for extention & seeking the interest clients (ការប្រជុំក្រុមតូចតាមភូមិ ដើម្បីផ្សព្វផ្សាយ និងស្វែងរកអ្នកស្ម័គ្រចិត្តជាវឡធានា និងរោងដីកំប៉ុស្តិ៍)	464	9,389	4,929	52%
2	Commune & provincial workshops on project dessimation, identification and selection cliants (សិក្ខាសាលាថ្នាក់ឃុំ និងខេត្តស្តីពីការផ្សព្វផ្សាយ ការកំណត់ និងជ្រើសរើសអ្នកជាវឡធានា និងរោងដីកំប៉ុស្តិ៍)	4	190	36	19%
3	Coordination and monitoring meeting with relevant stakeholders (on marketing mechanism) /g (ប្រជុំសម្របសម្រួល និងត្រួតពិនិត្យ ជាមួយអ្នកពាក់ព័ន្ធ (យន្តការស្វែងរកទីផ្សារឡធានា និងរោងដីកំប៉ុស្តិ៍)	9	210	52	25%
4	Field coaching and mention on promotion and marketing (ការចុះបង្ហាត់-ណែនាំតាមសហគមន៍ស្តីពី ការផ្សព្វផ្សាយ និងទីផ្សារឡធានា និងរោងដីកំប៉ុស្តិ៍)	33	5,304	2,705	51%

4. Monitoring & Evaluation on promoting renewable energy sector		52	917	238	26%
ការតាមដានត្រួតពិនិត្យ និងវាយតម្លៃ លើការលើកកម្ពស់វិស័យថាមពលកើតឡើងវិញ					
1	Provincial monthly Progress meetings (ប្រជុំវឌ្ឍនភាពការងារប្រចាំខែសម្រាប់អង្គភាពអនុវត្តគម្រោងថ្នាក់ខេត្ត)	41	734	203	28%
2	National coordination meetings (ប្រជុំសម្របសម្រួលវឌ្ឍនភាពការងារអនុវត្តគម្រោងថ្នាក់ជាតិ)	5	102	22	22%
3	Field mentoring & coaching and M&E by PPIU and GDAHP/PMU ការចុះបង្វែង-ណែនាំ និងតាមដានត្រួតពិនិត្យ វាយតម្លៃការងារដល់សហគមន៍ដោយ PPIU and GDAHP/PMU)	4	34	8	24%
4	Training on data entry and database management (វគ្គបណ្តុះបណ្តាលស្តីពីការបញ្ចូល និងគ្រប់គ្រងប្រព័ន្ធទិន្នន័យឡឌីជីថល និងរោងដឹកប៉ុស្តិ៍)	2	47	5	11%
5. Innovation & VC Improvement on promoting renewable energy sector		46	364	130	36%
នវានុវត្តន៍ និងកែលម្អខ្សែច្រវាក់ផលិតកម្ម លើការលើកកម្ពស់វិស័យថាមពលកើតឡើងវិញ					
1	Training to Model farmers & exchange visits (វគ្គបណ្តុះបណ្តាលកសិករគំរូ និងទស្សនកិច្ចសិក្សា)	2	73	16	22%
2	Support input for integrated farming demonstrations (បង្ហាញប្រព័ន្ធកសិម្មចម្រុះដោយប្រើដីកំប៉ុស្តិ៍ និងឡឌីជីថល)	38	154	83	54%
3	Quarterly technical meeting on quality control and biogas appliances (ប្រជុំបច្ចេកទេសប្រចាំត្រីមាសអំពីការត្រួតពិនិត្យគុណភាព និងសំភារៈបំពាក់ឡឌីជីថល)	4	79	18	23%
4	National dissemination/reflection workshops on biodigester and compost hut (សិក្ខាថ្នាក់ជាតិសាលាផ្សព្វផ្សាយ និងឆ្លុះបញ្ចាំងពីលទ្ធផលការងារឡឌីជីថល និងរោងដឹកប៉ុស្តិ៍)	2	58	13	22%

7. Integrated National Biodigester and Bioslurry Policy and Standards into Project Activities (បញ្ចូលសកម្មភាពទៅក្នុងគោលនយោបាយឡធីវិឌីនិងឡធីវិឌីនថ្នាក់ជាតិ)		8	105	25	44%
1	Meeting with technical working group on biodigester and bio-slurry (ប្រជុំជាមួយនឹងក្រុមការងារបច្ចេកទេសស្តីពីឡធីវិឌីននិង ឡធីវិឌីន)	6	67	19	28%
2	Public consultation workshop to review drafted policy and standards (សិក្ខាសាលាប្រឹក្សាយោបល់ជាសាធារណៈដើម្បីត្រួតពិនិត្យ ឡធីវិឌីននិងស្តង់ដារនយោបាយនិងបទដ្ឋាន)	2	38	6	16%
Total Output #1 សរុបលទ្ធផលទី១:		736	18,388	8,744	48%

OUTPUT 2: Climate-smart agriculture and agribusiness promoted

(លទ្ធផលទី ២): ជំរុញការអនុវត្តកសិកម្មឆ្លាត និងកសិធុរកិច្ចមានលក្ខណៈស្របទៅនឹងអាកាសធាតុ (For Year 2022)

No.	Activities	Achievement	Total participants/qty		
			Total Person	Female	% Female
1. Deploying climate-resilient varieties ការបង្កើតអាយមានពូជដែលធន់នឹងអាកាសធាតុ		54	1,370	657	48%
1	Training of farmers group on best management practice (BMP) of rice, cassava, and maize production-CARDI វគ្គបណ្តុះបណ្តាលកសិករស្តីពីការអនុវត្តការគ្រប់គ្រងល្អលើដំណាំស្រូវ ដំណាំដំឡូងមី និងដំណាំពោត	40	1,000	489	49%

2	Training of farmer groups on rice seed production techniques and follow up វគ្គបណ្តុះបណ្តាលកសិករស្តីពីបច្ចេកទេសផលិតពូជស្រូវ និងចុះតាមដាន	12	300	130	43%
3	Farmer field day, at field experiment ទិវាស្រែបង្ហាញ	2	70	38	54%
2. FWUC developed capacity to O&M their irrigation systems អភិវឌ្ឍន៍សមត្ថភាព O&M ប្រព័ន្ធធារាសាស្ត្ររបស់គណៈកម្មការប្រើប្រាស់ទឹក		84	3,176	845	27%
1	Training on administrative tasks វគ្គបណ្តុះបណ្តាលស្តីពី កិច្ចការរដ្ឋបាល	12	465	113	24%
2	Training on communication skills ការបណ្តុះបណ្តាលស្តីពី ជំនាញទំនាក់ទំនង	12	463	112	24%
3	Training on financial management/ book keeping ការបណ្តុះបណ្តាលស្តីពី ការគ្រប់គ្រងហិរញ្ញវត្ថុ / ការកត់ត្រាបញ្ជី	12	442	109	25%
4	Training on irrigation Service Fee វគ្គបណ្តុះបណ្តាលស្តីពី ថ្លៃសេវាធារាសាស្ត្រ	6	230	73	32%
5	Training on planning វគ្គបណ្តុះបណ្តាលស្តីពី ការរៀបចំផែនការ	12	474	129	27%
6	Training on minute & report writing skills បណ្តុះបណ្តាលស្តីពី ជំនាញសរសេររបាយការណ៍ និងកំណត់ហេតុ	12	439	126	29%
7	Training on conflict resolution and leadership ការបណ្តុះបណ្តាលស្តីពី ការដោះស្រាយជម្លោះ និងការដឹកនាំ	12	458	128	28%

8	Training on the role and responsibility, important operation Objectives and Overview of the irrigation System ការបណ្តុះបណ្តាលស្តីពីតួនាទី និងការទទួលខុសត្រូវ ការធ្វើប្រតិបត្តិការសំខាន់ៗ និងទិដ្ឋភាពទូទៅនៃប្រព័ន្ធធារាសាស្ត្រ	4	155	42	27%
9	Training on scheme operational implementation and Cropping calendar វគ្គបណ្តុះបណ្តាលស្តីពី ការអនុវត្តគម្រោងប្រតិបត្តិការ និងប្រតិទិនដាំដុះ	2	50	13	26%
3. Strengthening capacity in climate-friendly ការពង្រឹងសមត្ថភាពដោយភាគរ:បរិស្ថាន		223	6,482	3,032	47%
3.1					
1	Refresher training of trainers (ToT) on CSA for provincial trainers វគ្គបណ្តុះបណ្តាល រំលឹកគ្រូបង្គោលថ្នាក់ខេត្តស្តីពី កសិកម្មវិជ្ជាជីវៈនិងអាកាសធាតុ	1	26	9	35%
2	Refresher training of trainers on SRP for provincial trainers វគ្គបណ្តុះបណ្តាលរំលឹកគ្រូបង្គោលថ្នាក់ខេត្តស្តីពី ផលិតកម្មដំណាំស្រូវប្រកបដោយនិរន្តរភាព	1	22	4	18%
3	Refresher training of trainers on CamGAP for provincial trainers វគ្គបណ្តុះបណ្តាលរំលឹកគ្រូបង្គោលថ្នាក់ខេត្តស្តីពីការអនុវត្តកសិកម្មល្អលើដំណាំស្វាយ	1	18	6	33%
4	Refresher training of trainer (TOT) on agricultural machinery O&M for provincial trainer វគ្គបណ្តុះបណ្តាលរំលឹកគ្រូបង្គោលថ្នាក់ខេត្តស្តីពី ការប្រើប្រាស់ និងការថែទាំគ្រឿងយន្តកសិកម្ម	1	22	1	5%

5	Training of trainers (TOT) for provincial trainers on ACs bookkeeping វគ្គបណ្តុះបណ្តាលគ្រូបង្ហាញថ្នាក់ខេត្តស្តីពី ការចុះបញ្ជីគណនេយ្យរបស់សហគមន៍កសិកម្ម	1	22	8	36%
6	Training of trainers (TOT) for Contract farming វគ្គបណ្តុះបណ្តាលគ្រូបង្ហាញថ្នាក់ខេត្តស្តីពី ផលិតកម្មកសិកម្មតាមកិច្ចសន្យា	1	21	3	14%
7	Training of farmers on climate smart agriculture (CSA) for rice, cassava, maize វគ្គបណ្តុះបណ្តាលកសិករស្តីពីកសិកម្មវឌ្ឍនភាពធនធានដីអាកាសធាតុ លើដំណាំស្រូវ ដំឡូងមី និង ពោត	78	2,454	1,336	54%
8	Training of farmers on sustainable rice production (SRP) វគ្គបណ្តុះបណ្តាលកសិករស្តីពីផលិតកម្មដំណាំស្រូវប្រកបដោយនិរន្តរភាព	75	2,297	1,221	53%
9	Training of AC and farmer group for Contract farming វគ្គបណ្តុះបណ្តាលគណៈកម្មការសហគមន៍ និងក្រុមកសិករ ស្តីពីផលិតកម្មកសិកម្មតាមកិច្ចសន្យា	3	75	18	24%
10	Training of farmers on CamGAP practice and standard compliant for fruit crop-Mango វគ្គបណ្តុះបណ្តាលកសិករស្តីពីការអនុវត្តស្តង់ដារកសិកម្មល្អសម្រាប់ដំណាំស្វាយនៅកម្ពុជា	5	125	55	44%
11	Training of ACs boards on leadership and management វគ្គបណ្តុះបណ្តាលថ្នាក់ដឹកនាំ ស.ក ស្តីពីជំនាញដឹកនាំ និងគ្រប់គ្រងសហគមន៍កសិកម្ម	12	300	62	21%
12	Training of ACs boards on business plan and entrepreneurship វគ្គបណ្តុះបណ្តាលថ្នាក់ដឹកនាំ ស.ក ស្តីពី ផែនការមុខជំនួញ និងភាពជាសហគ្រិន	8	200	61	31%
13	Training of ACs boards on marketing principles វគ្គបណ្តុះបណ្តាលថ្នាក់ដឹកនាំ ស.ក ស្តីពីគោលការណ៍គ្រឹះនៃទីផ្សារសហគមន៍កសិកម្ម	8	200	48	24%

14	Training of ACs boards on annual report writing វគ្គបណ្តុះបណ្តាលថ្នាក់ដឹកនាំ ស.ក ស្តីពីការសរសេររបាយការណ៍ប្រចាំឆ្នាំ	12	300	89	30%
15	Training of ACs boards on bookkeeping វគ្គបណ្តុះបណ្តាលថ្នាក់ដឹកនាំ ស.ក ស្តីពីការចុះបញ្ជីគណនេយ្យសហគមន៍កសិកម្ម	10	250	81	32%
16	Training of ACs boards on procedures for organizing crop producer groups វគ្គបណ្តុះបណ្តាលថ្នាក់ដឹកនាំ ស.ក ស្តីពីនីតិវិធីនៃការរៀបចំ និងដំណើរការក្រុមផលិតកម្មដំណាំ	4	100	22	22%
17	Training of ACs boards on Journaling for Suppliers and Marketing for ACs វគ្គបណ្តុះបណ្តាលថ្នាក់ដឹកនាំ ស.ក ស្តីពីការចុះទិនានុប្បវត្តិសម្រាប់ផ្គត់ផ្គង់ និងមុខរបរទីផ្សារសហគមន៍	2	50	8	16%
4. Promoting farm mechanization and extension ជំរុញ និងផ្សព្វផ្សាយការប្រើប្រាស់គ្រឿងយន្តបន្ថែមកសិកម្ម		25	625	170	27%
1	Training of farmers on O&M of agricultural machinery វគ្គបណ្តុះបណ្តាលកសិករស្តីពីការប្រើប្រាស់ និងថែទាំគ្រឿងយន្តកសិកម្ម	13	325	61	19%
2	Training of farmers on agriculture production conservation វគ្គបណ្តុះបណ្តាលកសិករស្តីពីផលិតកម្មកសិកម្មអភិរក្ស	2	50	29	58%
3	Training of farmers on laser land levelling វគ្គបណ្តុះបណ្តាលកសិករស្តីពីការកៀរពង្រាបដីស្រែដោយប្រព័ន្ធខ្នាប្រែប្រួល	1	25	5	20%
4	Training of farmers on post-harvest technology វគ្គបណ្តុះបណ្តាលកសិករស្តីពីបច្ចេកវិទ្យាក្រោយប្រមូលផលស្រូវ	9	225	75	33%
Total Output #2 សរុបលទ្ធផលទី២:		386	11,653	4,704	40%

OUTPUT 3: Enabling environment for climate smart agribusiness enhanced

លទ្ធផលទី៣: ការធ្វើអោយបរិយាកាសល្អប្រសើរឡើងផ្នែកកសិធុរកិច្ចវាយឆ្លាត ហើយត្រូវបានលើកកម្ពស់ (For Year 2022)

No.	Activities	Achievement	Total participants/qty		
			Total Person	Female	% Female
1. Development of Standard Operation Procedure (SOP) for quality testing of biofertilizer ការរៀបចំបទដ្ឋានស្តង់ដារបច្ចេកទេសសម្រាប់ការវិភាគគុណភាពជីកសិកម្មជីវសាស្ត្រ		2	51	9	18%
1	Consultaive workshop on SOP for biofertilizer fertilizer quality testing manual (សិក្ខាសាលាពិគ្រោះយោបល់ស្តីពីស្តង់ដារវិភាគគុណភាពជីកសិកម្មជីវសាស្ត្រ និងជីសរីរាង្គ)	2	51	9	18%
2. Development of Cassava and banana tissue culture manual ការរៀបចំវិធីសាស្ត្រអនុវត្តជាលិការប្បកម្មដំណាំដំឡូងមី		6	38	9	24%
1	TWG meeting on development of cassava tissue culture development manual (ប្រជុំក្រុមការងារបច្ចេកទេសស្តីពីការរៀបចំសៀវភៅណែនាំនៃវិធីសាស្ត្រកោសយរប្បកម្មដំឡូងមី)	4	13	3	23%
2	Consultaive workshop on cassava tissue culture development manual (សិក្ខាសាលាស្តីពីការរៀបចំសៀវភៅណែនាំនៃវិធីសាស្ត្រកោសយរប្បកម្មដំឡូងមី)	2	25	6	24%

3. Development of technical guideline and procedure for lab ISO17025 ការរៀបចំសៀវភៅមគ្គុទេសក៍ណែនាំបច្ចេកទេស និងការទទួលស្គាល់គុណភាពមន្ទីរពិសោធន៍តាមស្តង់ដារ ISO17025		2	42	14	33%
1	Consultative workshop on ISO 17025 Accreditation guideline (សិក្ខាសាលាពិគ្រោះយោបល់ស្តីពីការរៀបចំសៀវភៅមគ្គុទេសក៍ និងការចុះបញ្ជីការ ISO17025)	2	42	14	33%
4. Tropical Fruit CAMGAP Standards reviewing and development (ការពិនិត្យឡើងវិញ និងកែសម្រួលបទដ្ឋាននៃការអនុវត្តកសិកម្មល្អសម្រាប់ឈើហូបផ្លែ ប្រចាំកម្ពុជា)		1	16	2	13%
1	Meetings with technical working group of CamGAP ប្រជុំជាមួយក្រុមការងារបច្ចេកទេសស្តីពីស្តង់ដារនៃការអនុវត្តកសិកម្មល្អកម្ពុជា	1	16	2	13%
5. Cambodia Industrial Development Policy (IDP) and Agro-Industrial Development Strategies (AIDS) for climate-friendly agribusiness (គោលនយោបាយអភិវឌ្ឍន៍ឧស្សាហកម្ម និងផែនការយុទ្ធសាស្ត្រអភិវឌ្ឍន៍កសិឧស្សាហកម្មសម្រាប់កសិធុរកិច្ច)		1	30	9	30%
1	Dissemination workshop with stakeholders on Agro-Industrial Development Strategies for climate-friendly agribusiness (សិក្ខាសាលាផ្សព្វផ្សាយជាមួយនឹងអ្នកពាក់ព័ន្ធផ្សេងៗ ស្តីពីផែនការយុទ្ធសាស្ត្រអភិវឌ្ឍន៍កសិឧស្សាហកម្មសម្រាប់កសិធុរកិច្ច)	1	30	9	30%
6. Promoting green finance and risk sharing mechanism ការលើកកម្ពស់ហិរញ្ញប្បទានបៃតង និងយន្តការចែករំលែកហានិភ័យ		6	82	15	18%

1	Coordination meeting and lessons sharing with the Association of Banks in Cambodia (ABC), which has recently launched the Cambodian Sustainable Finance Initiative (CSFI) (សម្របសម្រួលជាមួយសមាគមធនាគារកម្ពុជា ដើម្បីសិក្សាពីគោលការណ៍ហិរញ្ញវត្ថុប្រកបដោយចីរភាពរបស់កម្ពុជា)	2	14	5	36%
2	Conduct internal meeting to review the draft landscape and relevant key stakeholder analysis (កិច្ចប្រជុំផ្ទៃក្នុងពិនិត្យរបាយការណ៍វិភាគស្ថានភាពនិងអ្នកពាក់ព័ន្ធហិរញ្ញប្បទានបែកតង)	2	14	3	21%
3	Business forum on rice, cassava, and other specific crop commodities (with input suppliers, producers, traders/buyers or collectors) ការរៀបចំវេទិកាជំនួញជាមួយនឹងអ្នកផ្គត់ផ្គង់ធាតុចូលកសិកម្ម អ្នកផលិត ឈ្មួញកណ្តាល / អ្នកប្រមូលទិញ	2	54	7	13%
4	Forum on multilateral matching platform on various condition of contract farming វេទិកាផ្គូផ្គងទ្វេភាគី ពហុភាគីស្តីពីលក្ខខណ្ឌតម្រូវផ្សេងៗក្នុងកិច្ចសន្យា	4	112	12	11%
7. Project management unit / អង្គការគ្រប់គ្រងគម្រោង		1	51	3	6%
1	Training on guidelines and procedures for organizing project procurement (វគ្គបណ្តុះបណ្តាលស្តីពី គោលការណ៍ការណែនាំ និងនីតិវិធីនៃការរៀបចំការងារលទ្ធកម្មគម្រោង)	1	51	3	6%
Total Output #3 សរុបលទ្ធផលទី ៣:		19	310	61	20%

Total Output #1 + Output #2 + Output #3	1,141	30,351	13,509	45%
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CFAVC

AWPB 2023
Annex 4c

CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project (គម្រោងផ្សព្វផ្សាយតម្លៃខ្សែសង្វាក់អាជីវកម្មកសិកម្មដោយភាពរឹងមាំស្ថាន)

Annual Budget 2023 ('000 USD) ឆ្នៃការចំណាយថវិកា ២០២៣

MAFF

Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023				
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%	
		I. INVESTMENT COSTS (ការចំណាយលើវិនិយោគផ្សេងៗ)											
		OUTPUT 1: (លទ្ធផលទី ១) Critical agribusiness value chain infrastructure improved and made climate-resilient. ហេដ្ឋារចនាសម្ព័ន្ធខ្សែសង្វាក់តម្លៃកសិកម្ម: កិច្ចពឹងផ្អែកខ្ពស់ ត្រូវបានកែលម្អ និងធ្វើឱ្យមានភាពធន់នឹងអាកាសធាតុ។											
		Activity 1.1: Rehabilitation water management infrastructure to climate resilient condition / លទ្ធផលទី១: សកម្មភាព ១.១ ធ្វើអោយប្រព័ន្ធកែចម្រងទឹកដោយរឹងមាំស្ថានសម្រាប់គ្រប់គ្រងទឹកធន់នឹងលក្ខណ៍អាកាសធាតុ											
		1.1.1 Drip Irrigation system demonstration and strengthening capacity of drip operation for mango farmers (ការបង្ហាញប្រព័ន្ធស្រោចស្រពដោយដំណាក់ទឹក និងការពង្រឹងសមត្ថភាពកសិករស្តីពីការប្រើប្រាស់ប្រព័ន្ធស្រោចស្រព និងឧបករណ៍សម្រាប់ស្រោចស្រពដោយដំណាក់ទឹក និងឧបករណ៍សម្រាប់ស្រោចស្រពដោយដំណាក់ទឹក)	Lot	0	0	0	0	0	0	0	0	0	#DIV/0!
GD	G3	1.1.1.1 Equipment and Materials for 15 Drip Irrigation Systems (includes tube wells/water source connection, solar pumps and other agricultural inputs e.g. training) (ឧបករណ៍សម្រាប់១៥ប្រព័ន្ធស្រោចស្រព តំណភ្ជាប់ទឹកចំនួន (រាប់បញ្ចូលទុយោ និងឧបករណ៍ភ្ជាប់ប្រព័ន្ធស្រោចស្រព ម៉ាស៊ីនបូមទឹកដោយប្រើប្រព័ន្ធថាមលសូឡា ធាតុចូលកសិកម្មចាំបាច់សម្រាប់ប្រើប្រាស់ប្រព័ន្ធស្រោចស្រព និងឧបករណ៍សម្រាប់ស្រោចស្រពដោយដំណាក់ទឹក)	Lot	0	0	0	0	0	0	0	0	0	#DIV/0!
		Total activity 1.1: Drip irrigation demonstration		-	-	-	-	-					
		Activity 1.2: Upgrading agriculture cooperative value chain infrastructure (drying, processing, and storage facilities) / លទ្ធផលទី១: សកម្មភាព ១.២ ធ្វើអោយហេដ្ឋារចនាសម្ព័ន្ធខ្សែសង្វាក់ លក់ ល្អប្រសើរឡើង (ការសម្រួល ការកែច្នៃ និងឧបករណ៍ស្តុកផ្សេងៗ)								0	0	0	#DIV/0!
		1.2.2 Solar System study for agribusiness to reduce energy cost								0	0	0	#DIV/0!
		Subtotal (សរុបតាមផ្នែក)		-	-	22.0	29.0	51.0					
		Total of Activity 1.2: Upgrading AC value chain infrastructure		1.0	6.6	24.4	30.2						
		Activity 1.4: Strengthening infrastructure for agricultural quality and safety testing at the National Agriculture Laboratory (NAL) សកម្មភាព ១.៤: ការពង្រឹងហេដ្ឋារចនាសម្ព័ន្ធនៃមន្ទីរពិសោធន៍ជាតិផ្នែកកសិកម្មសម្រាប់ការវិភាគគុណភាព និងសុវត្ថិភាពនៃផលិតផលកសិកម្ម								0	0	0	#DIV/0!
		1.4.1 Lab room renovation and Lab equipment ការជួសជុលបន្ទប់ពិសោធន៍ និងឧបករណ៍សម្រាប់មន្ទីរពិសោធន៍ជាតិ								0	0	0	#DIV/0!

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MAFF

Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023			
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%
						Subtotal (សរុបតាមផ្នែក)			0.3	1.0	-	-
		1.4.2 Technical training to NAL staff and PDAFF staff (វគ្គបណ្តុះបណ្តាលបច្ចេកទេសដល់មន្ត្រីមន្ទីរពិសោធន៍ និងមន្ត្រីអនុវត្តតម្រូវការ ដោយការអនុវត្តន៍ជាក់ស្តែង)										
CD	CD	1.4.2.3 Technical training on Bio-fertilizer/Bio-Pesticide Quality Testing វគ្គបណ្តុះបណ្តាលបច្ចេកទេសដល់មន្ត្រីនៃមន្ទីរពិសោធន៍លើការវិភាគគុណភាពជីកសិកម្មជីវសាស្ត្រ និងថ្នាំកសិកម្មជីវសាស្ត្រ	Training បណ្តុះបណ្តាល	-	2.0	1.0	-	3.0	3	36	27	75%
CD	CD	1.4.2.4 Technical training on Organic Fertilizer Quality Testing វគ្គបណ្តុះបណ្តាលបច្ចេកទេសដល់មន្ត្រីនៃមន្ទីរពិសោធន៍លើការវិភាគគុណភាពជីសរីរាង្គកសិកម្ម	Training បណ្តុះបណ្តាល	-	-	1.0	-	1.0	1	12	9	75%
		Subtotal (សរុបតាមផ្នែក)		7.0	11.0	11.0	2.0	31.0				
		1.4.3 Specific technical training to NAL staff (វគ្គបណ្តុះបណ្តាលពិសោធន៍ដល់មន្ត្រីមន្ទីរពិសោធន៍ជាតិកសិកម្ម)										
		Subtotal (សរុបតាមផ្នែក)		-	-	3.0	-	3.0				
PMO	PMO	1.4.4 Development of Standard Operation Procedure (SOP) for quality testing of organic fertilizer (រៀបចំឯកសារស្តង់ដារបច្ចេកទេសសម្រាប់ការវិភាគគុណភាពជីសរីរាង្គ)										
PMO	PMO	1.4.4.1 Technical working group meeting on development of SOP for organic fertilizer quality testing (ប្រជុំក្រុមការងារបច្ចេកទេសរៀបចំវិធីប្រតិបត្តិការវិភាគគុណភាពជីសរីរាង្គ)	Meeting	-	-	4.0	4.0	8.0	1	23	9	39%
		Subtotal (សរុបតាមផ្នែក)		-	-	6.0	7.0	13.0				
PMO	PMO	1.4.5 Development of Standard Operation Procedure (SOP) for quality testing of biofertilizer (ការរៀបចំបទដ្ឋានស្តង់ដារបច្ចេកទេសសម្រាប់ការវិភាគគុណភាពជីកសិកម្មជីវសាស្ត្រ)										
PMO	PMO	1.4.5.2 Consultative workshop on SOP for biofertilizer fertilizer quality testing manual (សិក្ខាសាលាពិគ្រោះយោបល់ស្តីពីស្តង់ដារវិភាគគុណភាពជីកសិកម្មជីវសាស្ត្រ និងជីសរីរាង្គ)	Workshop សិក្ខាសាលា	-	-	1.0	1.0	2.0	1	34	11	32%
		Subtotal (សរុបតាមផ្នែក)		-	-	4.0	6.0	10.0				
		1.4.6 Development of Cassava and banana tissue culture manual (ការរៀបចំវិធីសាស្ត្រអនុវត្តជាលើការប្រកួតប្រជែងដំណាំឡូងមី)										
PMO	PMO	1.4.6.1 TWG meeting on development of cassava tissue culture development manual (ប្រជុំក្រុមការងារបច្ចេកទេសស្តីពីការរៀបចំសៀវភៅវិធីសាស្ត្រអនុវត្តជាលើការប្រកួតប្រជែងដំណាំឡូងមី)	Meeting/ប្រជុំ	-	-	3.0	3.0	6.0	1	21	8	38%
PMO	PMO	1.4.6.2 Consultative workshop on cassava tissue culture development manual (សិក្ខាសាលាពិគ្រោះយោបល់ស្តីពីការរៀបចំសៀវភៅវិធីសាស្ត្រអនុវត្តជាលើការប្រកួតប្រជែងដំណាំឡូងមី)	Workshop សិក្ខាសាលា	-	-	1.0	1.0	2.0	1	34	11	32%

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Annual Budget 2023 ('000 USD) ឆ្នៃនការវិកាប្រចាំឆ្នាំ ២០២៣
MAFF

Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023				
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%	
PMO	PMO	Subtotal (សរុបតាមផ្នែក)		-	-	4.0	6.0	10.0					
		1.4.7	Development of technical guideline and procedure for lab ISO17025 (ការរៀបចំសៀវភៅមគ្គុទេសក៍ណែនាំបច្ចេកទេស និងដំណើរការទទួលស្គាល់គុណភាពមន្ទីរពិសោធន៍តាមស្តង់ដារ ISO17025)										
		Subtotal (សរុបតាមផ្នែក)		-	-	4.0	7.0	11.0					
PMO	PMO	1.4.8	Dissemination and raising awareness workshop National guideline for National Level (សិក្ខាសាលាផ្សព្វផ្សាយ និងលើកកម្ពស់ការយល់ដឹងស្តីពីគោលការណ៍ណែនាំថ្នាក់ជាតិ)										
		1.4.9	Business Forum (វេទិកាធុរៈកិច្ច)						0	0	0	#DIV/0!	
		Subtotal (សរុបតាមផ្នែក)		-	-	28.00	24.00	52.00					
		1.4.10	Capacity Building to NAL staff (វគ្គកសាងសមត្ថភាពដល់មន្ត្រី NAL)										
		Subtotal (សរុបតាមផ្នែក)		-	-	2.00	2.00	4.00					
		1.4.11	LAB renovation "Electrical System" (ការជួសជុលប្រព័ន្ធអគ្គិសនីនៅមន្ទីរពិសោធន៍)										
		Subtotal (សរុបតាមផ្នែក)		-	-	-	-	-					
		Total of Activity 1.4: Support NAL improvement		7.3	12.0	32.0	28.0	79.3					
		Activity 1.5: Promoting renewable energy (biogas and use of solar energy in target cooperatives) for value chain improvement (បង្កើនការប្រើប្រាស់ថាមពលធនធាន ១.៥: ការលើកកម្ពស់ការប្រើប្រាស់ថាមពលធនធានថ្មីទៀត (ឡធារៈ និងការប្រើប្រាស់ឧស្ម័នពន្លឺព្រះអាទិត្យនៅតាមសហគមន៍កសិកម្មគោលដៅសំរាប់ការ ធ្វើអោយប្រសើរឡើងផ្នែកវិទ្យុធារៈកំពុង)											
		1.5.1	Biodigesters & Compost Huts ឡធារៈ និងអាងកំប៉ុស្តិ៍										
		Subtotal (សរុបតាមផ្នែក)		-	-	-	-	-					
CW	CW19	Contract administration and margin (30% of Subtotal A) ការចុះកិច្ចសន្យាផ្នែកសហជួប	lump sum/សរុប	-	-	-	-	-	0	0	0	#DIV/0!	
		Subtotal (សរុបតាមផ្នែក)		-	-	-	-	-					
		1.5.2	Training & Capacity Building (វគ្គបណ្តុះបណ្តាល និងការពង្រឹងសមត្ថភាព)										
CD	CD	1.5.2.2	National workshops on biogas and composting (សិក្ខាសាលាថ្នាក់ជាតិ ស្តីពីឡធារៈនិងសម្រុះ និងការលើកកម្ពស់)	Workshop សិក្ខាសាលា	1.0	1.0	1.0	1.0	4.0	1	55	9	16%

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Annual Budget 2023 ('000 USD) ឆែនការវិនិយោគ ២០២៣
MAFF

Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023			
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%
CD	CD	1.5.2.8 Training on M&E on biodigester and compost hut for PDAFF (វគ្គបណ្តុះបណ្តាលប្រព័ន្ធគ្រប់គ្រង និងវាយតម្លៃឧបករណ៍បំប៉ន និងធុរកិច្ចសាងសង់ប្រព័ន្ធបំប៉ន និងធុរកិច្ចសាងសង់ប្រព័ន្ធបំប៉ន)	Training វគ្គបណ្តុះបណ្តាល	-	-	2.0	-	2.0	2	52	8	15%
CD	CD	1.5.2.9 National training on biodigester construction techniques and quality control (វគ្គបណ្តុះបណ្តាលជាតិអំពីបច្ចេកទេសសាងសង់ និងគុណភាពនៃប្រព័ន្ធបំប៉ន)	Training វគ្គបណ្តុះបណ្តាល	1.0	1.0	1.0	1.0	4.0	4	149	29	19%
CD	CD	1.5.2.13 Training on quality control and evaluation methods of construction for biodigester and compost Hut (វគ្គបណ្តុះបណ្តាលអំពីវិធីសាស្ត្រគ្រប់គ្រង និងវាយតម្លៃគុណភាពនៃការសាងសង់ឧបករណ៍បំប៉ន និងធុរកិច្ចសាងសង់ប្រព័ន្ធបំប៉ន)	Training វគ្គបណ្តុះបណ្តាល	1.0	1.0	1.0	1.0	4.0	4	145	29	20%
CD	CD	1.5.2.15 Exchange visit and understanding the type of compost hut, application and compost production (ទស្សនកិច្ចសិក្សា និងការស្វែងយល់ស្តីពី ប្រភេទធុរកិច្ចសាងសង់ ការប្រើប្រាស់ និងការផលិតធុរកិច្ចសាងសង់)	Exchange Visit ទស្សនកិច្ចសិក្សា	1.0	1.0	1.0	1.0	4.0	4	146	52	36%
CD	CD	1.5.2.17 Exchange of experiences and visit on integrated farming systems based on biodigester and composting (ទស្សនកិច្ចសិក្សា និងផ្លាស់ប្តូរមតិយោបល់លើប្រព័ន្ធកសិកម្មផ្សេងៗ ដោយយកឧបករណ៍បំប៉ន និងធុរកិច្ចសាងសង់ប្រព័ន្ធបំប៉នជាមូលដ្ឋាន)	Exchange Visit ទស្សនកិច្ចសិក្សា	1.0	1.0	1.0	1.0	4.0	4	145	31	21%
Sub total (សរុបតាមផ្នែក)				3.0	3.0	157.0	150.0	313.0				
1.5.3 Promotion & Marketing (ការផ្សព្វផ្សាយ និងទីផ្សារ)												
CD	CD	1.5.3.4 Commune & provincial workshops on project dissemination, identification and selection clients (សិក្ខាសាលាភ្នាក់ងារ និងខេត្តស្តីពីការផ្សព្វផ្សាយ ការកំណត់ និងជ្រើសរើសអ្នកជាវឧបករណ៍បំប៉ន និងធុរកិច្ចសាងសង់ប្រព័ន្ធបំប៉ន)	Workshop សិក្ខាសាលា	1.0	1.0	1.0	1.0	4.0	4	202	49	24%
Sub total (សរុបតាមផ្នែក)				1.0	3.0	286.0	296.0	586.0				
1.5.4 Monitoring & Evaluation (ការតាមដានគ្រប់គ្រង និងវាយតម្លៃ)												
CD	CD	1.5.4.5 Training on data entry and database management (វគ្គបណ្តុះបណ្តាលស្តីពីការបញ្ចូល និងគ្រប់គ្រងប្រព័ន្ធទិន្នន័យឧបករណ៍បំប៉ន និងធុរកិច្ចសាងសង់ប្រព័ន្ធបំប៉ន)	Training	2.0	-	-	-	2.0	2	59	10	17%
Sub total (សរុបតាមផ្នែក)				2.0	4.0	14.0	14.0	34.0				
1.5.5 Innovation & VC Improvement (នវានុវត្តន៍ និងកែលម្អខ្សែច្រវ៉ាក់ផលិតកម្ម)												

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Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023				
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%	
CD	CD	1.5.5.1 Training to Model farmers & exchange visits (វគ្គបណ្តុះបណ្តាលកសិករគួរ និងទស្សនកិច្ចសិក្សា)	Lump sum/សរុប	-	2.0	1.0	1.0	4.0	4	154	41	27%	
CD	CD	1.5.5.12 Training on the introduction of integrated farming by using fertilizers from bio-slurry	Training វគ្គបណ្តុះបណ្តាល	-	2.0	2.0	-	4.0	4	158	38	24%	
CD	CD	1.5.5.15 Workshop on the effectiveness of the application of adaptation techniques to climate change in field experiments សិក្ខាសាលាស្តីពី ប្រសិទ្ធភាពនៃការអនុវត្តន៍បច្ចេកទេសសន្សំ ទៅនឹងការប្រែប្រួលអាកាសធាតុ ក្នុងការពិសោធន៍ប្រមូលផល	Workshop សិក្ខាសាលា	-	2.0	2.0	-	4.0	4	151	50	33%	
CD	CD	1.5.5.17 Exchange visit and understanding on the type, use and management of biogas digester	Exchange Visit ទស្សនកិច្ចសិក្សា	-	-	2.0	2.0	4.0	4	146	39	27%	
CD	CD	1.5.5.18 Exchange visit and understanding on compost processing and use from the source of biogas digester (ទស្សនកិច្ចសិក្សា និងស្វែងយល់ស្តីពី	Exchange Visit ទស្សនកិច្ចសិក្សា	-	-	2.0	2.0	4.0	4	156	48	31%	
Subtotal (សរុបតាមផ្នែក)				-	11.0	91.0	84.0	160.0					
Govt	Govt	C. Additional in-kind support (ការបន្ថែមលើការគាំទ្រផ្សេងទៀត)											
		1.5.7	National Biogas Policy and National Standards of Biogas and Bio-slurry						0	0	0	#DIV/0!	
PMO	PMO	1.5.7.2	policy in Cambodia សវនាការស្តីពីការអនុវត្តន៍នីតិវិធីជាតិសម្រាប់បច្ចេកទេសសន្សំ និងស្វែងយល់ស្តីពី	Workshop សិក្ខាសាលា	-	-	4.0	4.0	8.0	4	121	37	31%
Subtotal (សរុបតាមផ្នែក)				-	-	11.0	14.0	25.0					
Total of activity 1.5: promoting renewable energy					6.0	21.0	559.0	558.0	1,118.0				
OUTPUT 2: (លទ្ធផលទី ២) Climate-smart agriculture and agribusiness promoted													
Activity 2.1: Deploying climate resilient varieties (លទ្ធផលទី២ សកម្មភាព ២.១. ការបង្កើតអាយធីសម្រាប់ដំណាំស្រូវដែលធនធិនការប្រែប្រួលអាកាសធាតុ)													
		2.1.1	Activities support to CARDI (សកម្មភាពគាំទ្រ ការនី)										
CD	CD	2.1.1.1	Advancing rice generation ការធ្វើវិសោធនកម្មប្រភេទស្រូវដំណាំស្រូវ	Population/ ប្រជាគរ	-	-	3.00	1.00	4.0	4	5	2	40%
CD	CD	2.1.1.2	Seed increase of promising line ការពង្រីកស្រូវឡាយស្រូវដែលមានសំណើមខ្ពស់	SI/ពង្រីកពូជ	-	-	2.00	1.00	3.0	3	5	2	40%

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Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023			
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%
CD	CD	2.1.1.3 Seed increase of promissing line of cassava CMD resistance ការដាំពង្រីកស្រូវឡាយដំឡូងមី Multi-location trial of rice (pop. PRD/CAR11, PRD/RCH, SPD/SKO-01, CAR15/p121)	SI/ពង្រីកពូជ	-		1.00	-	1.0	1	5	2	40%
CD	CD	2.1.1.4 ពិសោធន៍ពហុកន្លែងលើស្រូវឡាយដំឡូងមី និងលក្ខណៈដុះតំបន់ស្រូវទំនាប Multi-location trial on CMD-resistant cassava lines from IITA	Trial/ពិសោធន៍		-	4.00	2.00	6.0	3	5	2	40%
CD	CD	2.1.1.5 ពិសោធន៍ពហុកន្លែងលើស្រូវឡាយដំឡូងមីដែលធន់នឹងCMD	Trial/ពិសោធន៍		-	3.00	1.00	4.0	4	5	2	40%
CD	CD	2.1.1.6 On-farm adaptive trial on promissing line ពិសោធន៍បន្ទុកស្រូវឡាយដំឡូងមីលើស្រូវកសិករ	Trial/ពិសោធន៍		-	15.00	10.00	25.0	1	5	2	40%
CD	CD	2.1.1.7 Field demonstration of Phka Keo-70 ស្រែបង្ហាញស្រូវឡាយដំឡូងមី ផ្កាភ័ក្ត្រ ៧០	Demo/បង្ហាញ			10.00	10.00	20.0	10	5	2	40%
CD	CD	2.1.1.8 B S and F S Seed Production of PMD, PRD, Phka Keo-70 ផលិតកម្មគ្រាប់ពូជស្រូវ និងគ្រាប់ពូជគ្រឹះ	Productio ផលិតកម្ម			1.00	1.00	2.0	2	5	2	40%
CD	CD	2.1.1.10 Training of farmers group on best management practice (BMP) of rice, cassava, and maize production-CARDI (វគ្គបណ្តុះបណ្តាលកសិករស្តីពីការអនុវត្តការគ្រប់គ្រងលើដំណាំស្រូវ ២០វគ្គ ដំណាំដំឡូងមី ១០វគ្គ និងដំណាំពោតចំនួន ១០វគ្គ)	Training វគ្គបណ្តុះបណ្តាល		6.00	16.00	18.00	40.0	10	250	132	53%
Subtotal (សរុបតាមផ្នែក)				-	6.00	64.00	53.00	123.0				
Subtotal (សរុបតាមផ្នែក)				-	-	-	-	-				
Total-CARDI				-	6.00	64.00	53.00	123.0				
2.1.2 Activities support to IRR (សកម្មភាពគាំទ្រ IRR) សកម្មភាពនេះនឹងមានការគាំទ្រនៅពេល IRR ចុះក្នុងត្រីមាសមួយគ្រោង												
Subtotal-IRRI				-	16.0	14.0	21.0	51.0				
Total of Activity 2.1: Seed deployment (CS3)				-	22.0	78.0	74.0	174.0				
Activity 2.2: Strengthening capacity in climate friendly (សកម្មភាពគាំទ្រ ២២ ការពង្រឹងសមត្ថភាពដោយភាគរយស្ថាប័ន)												
		2.2.1 Training of trainer and refresh training of trainers for provincial team វគ្គបណ្តុះបណ្តាលគ្រូបង្ហាញ និងវគ្គលើកក្រុមគ្រូបង្ហាញថ្នាក់ខេត្ត							0	0	0	#DIV/0!

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Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023			
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%
CD	CD	2.2.1.1 Training of trainers (ToT) on SRP for provincial trainers and field visited វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលថ្នាក់ខេត្តស្តីពី ស្តង់ដារផលិតកម្មស្រូវប្រកបដោយភាពបរិស្ថាន និង ទស្សនកិច្ចសិក្សា	Training បណ្តុះបណ្តាល	-	2.0	-	-	2.0	2	40	11	28%
CD	CD	2.2.1.2 Training of trainers (ToT) on CSA for provincial trainers វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលថ្នាក់ខេត្តស្តីពី កសិកម្មប្រជាជននិងអភិបាលកិច្ច	Training បណ្តុះបណ្តាល	-	2.0	-	-	2.0	2	42	12	29%
CD	CD	2.2.1.16 Training of trainer (TOT) on Laser Land Levelling for provincial trainer (វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលថ្នាក់ខេត្តស្តីពី ការគ្រប់គ្រងដីដោយប្រព័ន្ធខ្សែប្រៃ)	Training បណ្តុះបណ្តាល	-	-	1.0	-	1.0	1	18	2	11%
CD	CD	2.2.1.17 Training of trainer (TOT) on Rice Storage Unit Operation for provincial trainer (វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលថ្នាក់ខេត្តស្តីពី ការប្រតិបត្តិការងារទុកដាក់ស្រូវ)	Training បណ្តុះបណ្តាល	-	-	1.0	-	1.0	1	18	4	22%
CD	CD	2.2.1.18 Training of trainer (TOT) on Practice of Conservation Agriculture on Conservation Agriculture Production System for provincial trainer (វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលថ្នាក់ខេត្តស្តីពី ប្រព័ន្ធផលិតកម្មកសិកម្មអភិរក្ស)	Training បណ្តុះបណ្តាល	-	-	1.0	-	1.0	1	18	2	11%
CD	CD	2.2.1.24 TOT on AC Law and Legal Documents under AC LAW វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលស្តីពីច្បាប់សហគមន៍កសិកម្មនិងលិខិតបទដ្ឋានគិតយុត្តពាក់ព័ន្ធ	Training បណ្តុះបណ្តាល	-	-	1.0	-	1.0	1	16	5	31%
CD	CD	2.2.1.26 TOT on AC Monitoring and Evaluation Tools TOT on AC Monitoring and Evaluation Tools	Training បណ្តុះបណ្តាល	-	-	1.0	-	1.0	1	16	4	25%
CD	CD	2.2.1.27 TOT on Internal Inspection/Audit AC វគ្គបណ្តុះបណ្តាលគ្រូបង្គោលស្តីពីនីតិវិធីការត្រួតពិនិត្យផ្ទៃក្នុង (សវនកម្មផ្ទៃក្នុង) ក្នុងសហគមន៍កសិកម្ម	Training បណ្តុះបណ្តាល	-	-	-	1.0	1.0	1	16	5	31%
CD	CD	2.2.1.35 Dissemination workshop on contract farming mechanism សិក្ខាសាលាផ្សព្វផ្សាយ ស្តីពីយន្តការផលិតកម្មកសិកម្មតាមកិច្ចសន្យា	Workshop សិក្ខាសាលា	1.0	1.0	1.0	1.0	4.0	2	61	15	25%
CD	CD	2.2.1.36 Forum on multilateral matching platform on various condition of contract farming វេទិកា	Forum វេទិកា	1.0	1.0	1.0	1.0	4.0	4	112	12	11%
CD	CD	2.2.1.39 Dissemination workshop on seed law and regulations under seed law សិក្ខាសាលាផ្សព្វផ្សាយ ផ្សព្វផ្សាយ	Workshop សិក្ខាសាលា	-	5.0	5.0	-	10.0	1	46	13	28%
CD	CD	2.2.1.40 Dissemination workshop on procedure for seed registration and certification សិក្ខាសាលាផ្សព្វផ្សាយស្តីពី នីតិវិធីចុះបញ្ជី និងបញ្ជាក់គុណភាពពូជដំណាំ សិក្ខាសាលា	Workshop សិក្ខាសាលា	-	5.0	5.0	-	10.0	1	25	7	28%
CD	CD	2.2.1.41 Dissemination workshop on Quality Declared Seed System (QDS) សិក្ខាសាលាផ្សព្វផ្សាយស្តីពីប្រព័ន្ធធានាគុណភាពពូជដំណាំ (ប.គ.ព) សិក្ខាសាលា	Workshop សិក្ខាសាលា	-	5.0	5.0	-	10.0	1	24	4	17%
Subtotal (សរុបតាមផ្នែក)					2.0	17.0	41.0	19.0	79.0			
		2.2.2 Training of farmers on CSA, SRP, CamGAP/ វគ្គបណ្តុះបណ្តាលកសិករក្នុងខេត្តគោលដៅ										

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Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023			
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%
CD	CD	2.2.2.1 Training of farmers on climate smart agriculture (CSA) for rice, cassava, maize (វគ្គបណ្តុះបណ្តាលកសិករស្តីពីកសិកម្មឆ្លាតវៃនិងអាកាសធាតុ លើដំណាំស្រូវ ចំនួន ៩០វគ្គ ដំណាំដំឡូងមី ៤៥ វគ្គ និងដំណាំពោតចំនួន ៤៥វគ្គ)	Training បណ្តុះបណ្តាល	-	-	20.0	25.0	45.0	4	120	95	79%
CD	CD	2.2.2.2 Training of farmers on sustainable rice production (SRP) វគ្គបណ្តុះបណ្តាលកសិករស្តីពីផលិតកម្មដំណាំស្រូវប្រកបដោយនិរន្តរភាព	Training បណ្តុះបណ្តាល	-	-	20.0	22.0	42.0	4	120	82	68%
		Subtotal (សរុបតាមផ្នែក)		-	-	64.0	71.0	135.0				
		2.2.3 Training of ACs boards on ACs business development/a វគ្គបណ្តុះបណ្តាលផ្នែកដឹកនាំសហគមន៍ស្តីពី ការអភិវឌ្ឍន៍មុខជំនួញរបស់សហគមន៍កសិកម្ម										
		2.2.4 Agricultural Technical Extension ការផ្សព្វផ្សាយបច្ចេកទេសកសិកម្ម										
		Subtotal (សរុបតាមផ្នែក)		-	-	70.0	71.0	141.0				
		Total of Activity 2.2: Strengthening capacity in climate friendly		2.0	17.0	175.0	161.0	355.0				
		Activity 2.3: Promoting farm mechanization and extension (សកម្មភាព ២.៣: ផ្សព្វផ្សាយការប្រើប្រាស់គ្រឿងយន្តបន្ថែមកសិកម្ម)										
		2.3.1 TRAINING BUILDINGS FOR PADCS /A (1 in 2023) / តារាង ១១.១ ៣ អាគារបណ្តុះបណ្តាលសំរាប់មជ្ឈមណ្ឌលអភិវឌ្ឍន៍ផ្នែកកសិកម្មថ្នាក់ខេត្ត (១ អាគារសំរាប់តំបន់ ឆ្នាំ២០២៣)							0	0	0	#DIV/0!
		2.3.2: MECHANISATION WORKSHOPS FOR PROVINCES (តារាង ១២.១.៣ រោងជាងវិស្វកម្មកសិកម្មសំរាប់ខេត្ត ១ អាគារសំរាប់ខេត្តតាកែវ ឆ្នាំ ២០២៣)							0	0	0	#DIV/0!
		2.3.3 Other Items of training equipments លក្ខខណ្ឌផ្សេងៗនៃឧបករណ៍បណ្តុះបណ្តាល							0	0	0	#DIV/0!
		2.3.4 Training on landscape restoration (farm mechanization)/a (វគ្គបណ្តុះបណ្តាលស្តីពីការស្តារស្ថានភាពដីឡើងវិញ និងការប្រើប្រាស់យន្តបន្ថែមកសិកម្ម)										
		Subtotal (សរុបតាមផ្នែក)		-	-	26.0	62.0	52.0				
		2.3.5 Other Costs of support activities (ការចំណាយលើសកម្មភាពផ្សេងៗ)										
CD	CD	2.3.5.1 On-farm rice seed production demonstration (បង្ហាញផលិតកម្មពូជស្រូវលើស្រែកសិករ)	Demo/ha	-	43.0	44.0	6.0	93.0	93	93	48	52%
CD	CD	2.3.5.2 Cassava planting material production demonstration(បង្ហាញផលិតកម្មពូជដំឡូងមីនៅតាមមីកាសិករ)	Demo/ha	-	12.0	-	-	12.0	12	12	5	42%

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Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023			
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%
		Subtotal (សរុបតាមផ្នែក)		-	69.0	578.0	74.0	721.0				
		Total of activity 2.3: Promoting farm mechanization and extension		-	69.0	605.1	164.0					
		OUTPUT 3: Enabling environment for climate smart agribusiness enhanced (លទ្ធផលទី៣: ការធ្វើអោយបរិយាកាសល្អប្រសើរឡើងផ្នែកកសិកម្ម: កិច្ចវិធីឆ្លាតវៃប្រកបដោយភាគីបរិស្ថាន)							0	0	0	#DIV/0!
		Activity 3.1: Formulating Climate-Friendly Agri-business Policy and Standards							0	0	0	#DIV/0!
		3.1.1 Climate Smart Gender Responsive Agribusiness Guideline development ការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិកម្ម: កិច្ចវិធីឆ្លាតវៃប្រកបដោយភាគីបរិស្ថាន និងយោធន៍ ទ្រព្យសកម្មភាពស្ត្រី							0	0	0	#DIV/0!
		3.1.2 Climate Smart Agriculture (CSA) and Sustainable Rice Platform (SRP) Manual Development (ការរៀបចំគោលការណ៍ណែនាំកសិកម្មឆ្លាតវៃ និងស្តង់ដារផលិតកម្មស្រូវប្រកបដោយភាគីបរិស្ថាន)							0	0	0	#DIV/0!
		Subtotal (សរុបតាមផ្នែក)		-	3.0	3.0	-	6.0				
		3.1.3 Crop insurance guidance for enabling the environment of a climate-risk sharing mechanism (រៀបចំការណែនាំអំពីការធានារ៉ាប់រងដំណាំ ធ្វើឱ្យបរិយាកាស នៃយន្តការចែករំលែកហានិភ័យអាកាសធាតុ)										
		Subtotal (សរុបតាមផ្នែក)		-	-	6.0	7.0	13.0				
PMO	PMO	3.1.4 Cambodia Industrial Development Policy (IDP) and Agro-Industrial Development Strategies (AIDS) for climate-friendly agribusiness (គោលនយោបាយអភិវឌ្ឍន៍ឧស្សាហកម្ម និងឆែនការយុទ្ធសាស្ត្រអភិវឌ្ឍន៍កសិឧស្សាហកម្មសម្រាប់កសិកម្ម: កិច្ច)										
PMO	PMO	3.1.4.2 Dissemination workshop with stakeholders on Agro-Industrial Development Strategies for climate-friendly agribusiness (សិក្ខាសាលាផ្សព្វផ្សាយជាមួយនិងអ្នកពាក់ព័ន្ធផ្សេងៗ ស្តីពីឆែនការយុទ្ធសាស្ត្រអភិវឌ្ឍន៍កសិឧស្សាហកម្មសម្រាប់កសិកម្ម: កិច្ច)	Workshop/ សិក្ខាសាលា	1.0	1.0	1.0	1.0	4.0	2	66	17	26%
		Subtotal (សរុបតាមផ្នែក)		2.0	2.0	3.0	2.0	9.0				
PMO	PMO	3.1.5 Biofertiliser Standards Development (ស្តង់ដារផ្នែកជី ជីវសាស្ត្រនិងការអនុវត្តកសិកម្មស្តង់ដារបង្កើត ប្រចាំកម្ពុជា)										
		Subtotal (សរុបតាមផ្នែក)		-	2.0	3.0	1.0	6.0				

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Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023				
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%	
		3.1.6 Tropical Fruit CAMGAP Standards reviewing and development (ការពិនិត្យរៀបចំ និងកែសម្រួលបទដ្ឋាននៃការអនុវត្តកសិកម្មសម្រាប់ឈើប្រេងប្រេង ប្រេងកម្ពុជា)											
		Subtotal (សរុបតាមផ្នែក)		-	-	6.0	7.0	13.0					
		Total of activity 3.1: Formulating Climate-Friendly Agri-business Policy and Standards		2.0	7.0	21.0	17.0						
		Activity 3.2: Promoting green finance and risk sharing mechanism (សកម្មភាព ៣.២: ការលើកកម្ពស់ហិរញ្ញប្បទានបៃតង និងយន្តការចែករំលែកហានិភ័យ)											
		3.2.1 Green Finance Initiatives (ការផ្តួចផ្តើមគំនិតថ្មីផ្នែកហិរញ្ញប្បទានបៃតង)											
		3.2.1.15 National training on Climate Change and Green Financing to provincial bank/MFI, PD AFF and Agriculture Community វគ្គបណ្តុះបណ្តាលថ្នាក់ជាតិស្តីពីការប្រែប្រួលអាកាសធាតុ និងហិរញ្ញប្បទានបៃតងដល់ធនាគារ ខេត្ត/ក្រុង/ស្ថានីយ៍ហិរញ្ញវត្ថុ និងសហគមន៍កសិកម្ម	Training បណ្តុះបណ្តាល	1.0	1	1	1	4.0	2	77	17	22%	
		Subtotal GF (សរុបតាមផ្នែក)		2.0	8.0	18.0	13.0	41.0					
		3.2.2 PPP Initiatives for Agribusiness (ការផ្តួចផ្តើមគំនិតផ្នែកភាពជាដៃគូរវាងស្ថាប័នសាធារណៈ និងវិស័យឯកជនសំរាប់វិស័យកសិកម្ម/កិច្ច)											
		3.2.2.6 TOT on Producers' group guideline and formation procedures វគ្គបណ្តុះបណ្តាលគ្រូបង្ហាញថ្នាក់ខេត្តស្តីពី គោលការណ៍បង្កើតក្រុមផលិត ដីធ្លីចែករំលែកផលិត	Training បណ្តុះបណ្តាល	-	-	1.0	-	1.0	1	16	6	38%	
		Subtotal - សរុបតាមផ្នែក		-	-	121.0	120.0	241.0	0	0	0	#DIV/0!	
		3.2.3 Establish producer group of Rice, Cassava, Maize and Mango links with rice millers and traders (បង្កើតក្រុមផលិតដំណាំស្រូវ ក្រុមផលិតដំណាំដំឡូងមី ដំណាំពោត និងដំណាំស្វាយ តភ្ជាប់នឹងម៉ាស៊ីនកិនស្រូវ និងពាណិជ្ជករ)											
		Subtotal - PPP (សរុបតាមផ្នែក)		-	-	77.0	92.0	169.0	0	0	0	#DIV/0!	
		Total of activity 3.2: Promoting green finance and risk sharing mechanism		2.0	8.0	216.0	225.0	451.0					
		Activity 3.3: Supporting climate risk management through Information and Communication Technologies (ICT) លទ្ធផលទី៣: សកម្មភាព ៣.៣ ការគាំទ្រការគ្រប់គ្រងហានិភ័យអាកាសធាតុតាមរបៀបបច្ចេកវិទ្យា ទំនាក់ទំនងនិងព័ត៌មាន											
		RECURRENT COSTS / ការចំណាយបន្ត											
		TABLE 18. PROJECT MANAGEMENT UNIT / តារាងទី ១៨. អង្គការគ្រប់គ្រងគម្រោង							0	0	0	#DIV/0!	

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Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023			
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%
		A. Recurrent Costs / ការចំណាយធនធាន							0	0	0	#DIV/0!
		1. INCREMENTAL STAFF (ចំនួនបុគ្គលិកដែលបានបន្ថែម)							0	0	0	#DIV/0!
		Subtotal (សរុបតាមផ្នែក)		6.00	6.00	7.00	6.00		0	0	0	#DIV/0!
		B. Operation and Management Costs / ការចំណាយផ្នែកគ្រប់គ្រងនិងប្រតិបត្តិ							0	0	0	#DIV/0!
IOC	IOC	h. Project Steering Committee Meeting (ប្រជុំគណៈកម្មការគ្រប់គ្រងគម្រោង)	Meeting/អង្គប្រជុំ	1.00	1.00	1.00	1.00	4.00	1	24	2	8%
IOC	IOC	i. General Meeting (ចំណាយលើអង្គប្រជុំទូទៅ)	Month/ខែ	3.00	3.00	3.00	3.00	12.00	0	0	0	#DIV/0!
IOC	IOC	j. National quarterly meeting (កិច្ចប្រជុំប្រចាំត្រីមាសថ្នាក់ជាតិ)	Meeting/អង្គប្រជុំ	1.00	1.00	1.00	1.00	4.00	3	165	36	22%
IOC	IOC	k. Desimination Workshop (សិក្ខាសាលាផ្សព្វផ្សាយ)	Workshop សិក្ខាសាលា	2.00	-	-	-	2.00	2	66	8	12%
IOC	IOC	l. Translation Fees (ចំណាយថ្លៃបកប្រែ)	Lump sum/សរុប	-	-	1.00	-	1.00	0	0	0	#DIV/0!
IOC	IOC	m. Training on guidelines and procedures for organizing project procurement (វគ្គបណ្តុះបណ្តាលស្តីពី គោលការណ៍ការងារ និងនីតិវិធីនៃការរៀបចំការងារលទ្ធកម្មគម្រោង)	Training វគ្គបណ្តុះបណ្តាល		1.00	1.00		2.00	2	51	3	6%
IOC	IOC	n. National workshop on the follow-up of the capacity building for new GAP for GPPs, PPIUs Staff and other involved stakeholders (សិក្ខាសាលាថ្នាក់ជាតិស្តីពីការតាមដានការងារសម្រាប់ GAP ថ្មី សម្រាប់ជនបង្គោលយេនឌ័រ មន្ត្រីអង្គការអនុវត្តគម្រោងខេត្ត និងអ្នកពាក់ព័ន្ធផ្សេងទៀត)	Workshop សិក្ខាសាលា	-	-	1.00	-	1.00	0	0	0	#DIV/0!
IOC	IOC	o. National gender training / capacity building on GAP building for GPPs/PPIUs Staff and other involved stakeholders (វគ្គបណ្តុះបណ្តាលយេនឌ័រ ថ្នាក់ជាតិ ស្តីពីការងារសម្រាប់ GAP សម្រាប់ជនបង្គោលយេនឌ័រ មន្ត្រីអង្គការអនុវត្តគម្រោងខេត្ត និងអ្នកពាក់ព័ន្ធផ្សេងទៀត)	Training វគ្គបណ្តុះបណ្តាល	-	1.00	-	-	1.00	0	0	0	#DIV/0!
IOC	IOC	p. TOT training on a gender action plan for Agricultural Cooperations, Women Farmer Network and Farmer Water User Committee	Training វគ្គបណ្តុះបណ្តាល			1.00		1.00	0	0	0	#DIV/0!
IOC	IOC	q. Printing booklets and handout materials (ការបោះពុម្ពកូនសៀវភៅ និងឯកសារបណ្តុះបណ្តាល)	Lump sum/សរុប	1.00				1.00	0	0	0	#DIV/0!

CFAVC

AWPB 2023
Annex 4c

CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project (តម្រូវឱ្យប្រាក់កំណើតកម្មដោយភាគរយស្ត្រី)

Annual Budget 2023 ('000 USD) ផែនការថវិកាប្រចាំឆ្នាំ ២០២៣

MAFF

Budget Code	Pro. Code	Description Activity	Unit ឯកតា	Quantity				Total Quantity	Total Jan-Aug 2023			
				Q1	Q2	Q3	Q4		Total # Course	Total participant	Female	%
IOC	IOC	r. National training on gender of value chain for ACs/WFNs in 4 provinces (ការបណ្តុះបណ្តាលថ្នាក់ជាតិ ស្តីពីយន្តការខ្សែចាក់ផលិតកម្មដល់ ACs/WFNs សម្រាប់ខេត្តគោលដៅទាំង៤)	Training វគ្គបណ្តុះបណ្តាល			1.00		1.00	0	0	0	#DIV/0!
IOC	IOC	s. Training on gender of value chain for ACs/ WFNs in 4 provinces (វគ្គបណ្តុះបណ្តាលស្តីពីយន្តការខ្សែចាក់ផលិតកម្មសម្រាប់ ACs/WFNs ក្នុងខេត្តគោលដៅទាំង៤)	Training វគ្គបណ្តុះបណ្តាល		4.00			4.00	0	0	0	#DIV/0!
IOC	IOC	t. Field follow up for value chain on discussions with farmers to assess progress, constraints and best practices toward of gender work (ការតាមដាន ត្រួតពិនិត្យ នៅថ្នាក់សហគមន៍ សម្រាប់ខ្សែចាក់ផលិតកម្ម លើការពិភាក្សាជាមួយកសិករដើម្បីវាយតម្លៃវឌ្ឍនភាព ឧបសគ្គ និងការអនុវត្តល្អបំផុតឆ្ពោះទៅរកការងារយន្តការ)	Follow up ការត្រួតពិនិត្យ	2.00	2.00	2.00	2.00	8.00	0	0	0	#DIV/0!
IOC	IOC	u. Dissemination Meeting awareness of the Gender Mainstreaming for FWUGs/FWUCs at commune level (ប្រជុំផ្សព្វផ្សាយការយល់ដឹងអំពីការបញ្ចូលយន្តការស្ត្រីវិស័យទឹក FWUGs/FWUCs នៅថ្នាក់ឃុំ)	Meeting/អង្គប្រជុំ	4.00	4.00	4.00	4.00	16.00	0	0	0	#DIV/0!
IOC	IOC	v. Dissemination Meeting awareness of the Gender Mainstreaming for road at commune level (កិច្ចប្រជុំផ្សព្វផ្សាយការយល់ដឹងអំពីការបញ្ចូលយន្តការស្ត្រីនៅថ្នាក់ឃុំ)	Meeting/អង្គប្រជុំ	4.00	4.00	4.00	4.00	16.00	0	0	0	#DIV/0!
Subtotal (សរុបតាមផ្នែក)									0	0	0	#DIV/0!
TOTAL (MAFF) / សរុប (ក្រសួងកសិកម្ម រុក្ខាប្រមាញ់និងនេសាទ)												

Annex 13. Detail Performance FWUC Activity as Per 31 December 2023

Summary of FWUCs establishment and made operational by December 2023

N	Activities	Province names	AWP	Cumulative Progress By June 2023	Explanation If any
1	FWUC establishment- Trapeang Run	KPT	2020	100%	Completing all 8 steps
2	FWUC establishment- Takoch	KPT		100%	Completing all 8 steps
3	FWUC establishment- Toul Pring	TBK		100%	Completing all 8 steps
4	FWUC establishment- Ta Kem	TBK		100%	Completing all 8 steps
5	FWUC establishment- Trapeang Tros	TBK		100%	Completing all 8 steps
6	FWUC establishment- Tbong Damrei	TBK	2022	75%	Completed step 6.2
7	FWUC establishment- Kampong Raing	TBK		75%	Completed step 6.2
8	FWUC establishment- Trapeang Beung	KPT		88%	Starting in step 7
9	FWUC establishment- Kandorl	KPT		88%	Completed step 7
10	FWUC establishment- 5Kompheak	KCM		100%	Completed all steps
11	FWUC establishment- O'Kamprok	KCM		100%	Completed all steps
12	FWUC establishment- Pou Tatress	KCM		100%	Completed all steps
13	FWUC establishment- Prey Kdouch	TAK		100%	Completed all steps
14	FWUC establishment- Kraing Ampil	TAK		100%	Completed all steps
15	FWUC establishment- Plov Touk	TAK		100%	Completed all steps
16	FWUC establishment- Kwaeng Tayee	TAK		100%	Completed all steps
17	FWUC establishment- Prey Rumdeng	TAK		80%	Completed step 5
18	FWUC establishment-Bravoek Pong	KPT		2023	0%
19	FWUC establishment-Choam Taheung	TBK	0%		
20	FWUC establishment-Trapeang Ampil	TBK	0%		
21	FWUC establishment-Teuk Chhar West	KCM	0%		
22	FWUC establishment-Teuk Chhar East	KCM	0%		
23	FWUC establishment-Sdok Sab	TAK	0%		
24	FWUC establishment-Ta Oum	TAK	0%		
25	FWUC establishment-Prolay No. 42	TAK	0%		
26	FWUC establishment-Prolay No. 94	TAK	0%		
27	FWUC establishment-Pou Tasuy	TAK	0%		
Total			27		37% of women

គណៈកម្មាធិការ ស.ក.ប ទ ជាប់ឆ្នោតប្រព័ន្ធធារាសាស្ត្រ ខេត្តកំពត

លរ	ឈ្មោះ	ភេទ	តួនាទី	ភូមិ	ឃុំ	ស្រុក	ខេត្ត
១	ចាប ប៊ុណ្ណារិទ្ធ	ប	ប្រធាន ស.ក.ប.ទ	ត្រពាំងរុន	តានី	អង្គរជ័យ	កំពត
២	តុប ចន្ទី	ស	អនុប្រធានទី១ ស.ក.ប.ទ	ត្រពាំងរុន	-	-	-
៣	អៀក ខន	ប	អនុប្រធានទី២ ស.ក.ប.ទ	ត្រពាំងរុន	-	-	-

៤	ម៉ុ ភិន	ប	ហិរញ្ញវិក/បេឡា ស.ក.ប .ទ	ត្រពាំងរុន	-	-	-
៥	ចាន់ ផល្លា	ប	ប្រធានក្រុមទី១	ត្រពាំងរុន	-	-	-
៦	អ៊ុន លីណា	ស	អនុប្រធានទី១ ស.ក.ប .ទ	ត្រពាំងរុន	-	-	-
៧	សែល សុគុន្តា	ស	ជំនួយការក្រុមទី១	ត្រពាំងរុន	-	-	-
៨	ឡាយ សុវណ្ណ	ប	ប្រធានក្រុមទី២	ត្រពាំងរាំង	-	-	-
៩	ដៃត អូន	ប	អនុប្រធានក្រុមទី២	ត្រពាំងរាំង	-	-	-
១០	លុច ផល្លា	ស	ជំនួយការក្រុមទី២	ត្រពាំងរាំង	-	-	-
១១	ម៉ុង ជុន	ប	ប្រធានក្រុមទី៣	តាព្រាម	-	-	-
១២	ណុប គុំ	ប	អនុប្រធានក្រុមទី៣	តាព្រាម	-	-	-
១៣	ម៉ុង ជានី	ស	ជំនួយការក្រុមទី៣	តាព្រាម	-	-	-
១៤	ទេព អាន់	ប	ប្រធាន ស.ក.ប.ទ		ស្រែក្នុង	ឈូក	កំពត
១៥	សុក ជាក	ប	អនុប្រធានទី១ ស.ក.ប .ទ		-	-	-
១៦	គឹម ខៀង	ប	អនុប្រធានទី២ ស.ក.ប .ទ		-	-	-
១៧	ភឿក សំអាត	ស	ហិរញ្ញវិក/បេឡា ស.ក.ប .ទ		-	-	-
១៨	បុង ចាន់ធួ	ប	ប្រធានក្រុម		-	-	-
១៩	អ៊ឹង ហាន	ប	អនុប្រធានក្រុម		-	-	-
២០	យៀម យៀ	ប	ជំនួយការ		-	-	-
២១	សោម សៀន	ប	ប្រធានអនុក្រុមទី១	ព្រៃខ្មៅ	-	-	-
២២	អាង ធៀន	ស	ជំនួយការ	ព្រៃខ្មៅ	-	-	-
២៣	ភឹម ណុប	ស	ប្រធានអនុក្រុមទី២	ព្រៃយ៉ាវ	-	-	-
២៤	មោក ឈុន	ស	ជំនួយការ	ព្រៃយ៉ាវ	-	-	-
២៥	សិន បុនធៀន	ប	ប្រធានអនុក្រុមទី៣	ដូង	-	-	-

២៦	គង់ រ៉ន	ស	ជំនួយការ	ដូង	-	-	-
២៧	ភិន ថា	ប	ប្រធានអនុក្រុមទី៤	ឆ្កកយុល			
២៨	ទឹម ធន	ស	ជំនួយការ	ឆ្កកយុល			
២៩	សួន រ៉ុ	ប	ប្រធាន ស.ក.ប.ទ			ឈូក	កំពត
៣០	នេត អេន	ប	អនុប្រធានទី១ ស.ក.ប .ទ		-	-	-
៣១	ស៊ីវ យុត	ប	អនុប្រធានទី២ ស.ក.ប .ទ		-	-	-
៣២	ខាប់ អិក	ស	ហិរញ្ញិក/បេឡា ស.ក.ប .ទ		-	-	-
៣៣	ពត ស្រីមុំច	ស	ជំនួយការ				
៣៤	លាង នឿន	ស	ប្រធានក្រុមទី១		-	-	-
៣៥	តេត ត្រេន	ប	អនុប្រធានក្រុមទី១		-	-	-
៣៦	ខឹម យ៉ាំ	ប	ជំនួយការ		-	-	-
៣៧	ជៀម រ៉យ	ប	ប្រធានអនុក្រុមទី១	ព្រៃបែន	សត្វពង	-	-
៣៨	ងន ស៊ីណាន	ប	ជំនួយការ	ព្រៃបែន	-	-	-
៣៩	លឹម រុទ្ធី	ប	ប្រធានអនុក្រុមទី២	សត្វពង	-	-	-
៤០	សាន រូច	ស	ជំនួយការ	សត្វពង	-	-	-
៤១	កែម រ៉ឺន	ប	ប្រធានអនុក្រុមទី៣	ត្រពាំងអណ្តូង	-	-	-
៤២	មុំ យន	ប	ជំនួយការ	ត្រពាំងអណ្តូង	-	-	-
៤៣	សែម សង	ប	ប្រធានក្រុមទី២		ត្រពាំង	-	-
៤៤	ឆាយ សុចិត្ត ធារី	ស	អនុប្រធានក្រុមទី២		-	-	-
៤៥	ទន់ ចាន់	ប	ជំនួយការ		-	-	-
៤៦	មុត ឆើត	ប	ប្រធានអនុក្រុមទី១	ត្រពាំង	-	-	-

៤៧	ទូច សាត	ប	ជំនួយការ	ត្រមែង	-	-	-
៤៨	ភឹម ឌីល	ប	ប្រធានអនុក្រុមទី២	ត្រពាំងបឹង	-	-	-
៤៩	ណុប ថា	ប	ជំនួយការ	ត្រពាំងបឹង	-	-	-
៥០	ប៉ុក ណាត់	ប	ប្រធានអនុក្រុមទី៣	ប្រមូល	-	-	-
៥១	ជិន ណោត	ស	ជំនួយការ	ប្រមូល	-	-	-
៥២	ស្រី ធី	ប	ប្រធានក្រុមទី៣		បារនៀវ	-	-
៥៣	នួន ម៉ុ	ប	អនុប្រធានក្រុមទី៣		-	-	-
៥៤	យ៉ុង ឆន	ប	ជំនួយការ		-	-	-
៥៥	កុយ ខែត	ប	ប្រធានអនុក្រុមទី១	តាឡង់	-	-	-
៥៦	យឹម សារ៉ាន់	ប	ជំនួយការ	តាឡង់	-	-	-
៥៧	តាក ប៊ុនធី	ប	ប្រធានអនុក្រុមទី១	តាម៉ុ	-	-	-
៥៨	ប៉ែត ដានី	ស	ជំនួយការ	តាម៉ុ	-	-	-
៥៩	ខឹម គឹមសួន	ស	ប្រធានអនុក្រុមទី២	ព្រៃភ្នំ	-	-	-
៦០	ម៉ក់ ផល្លាប	ប	ជំនួយការ	ព្រៃភ្នំ	-	-	-
៦១	ម៉ក់ មៅ	ប	ប្រធានអនុក្រុមទី៣	ព្រៃឈើនាង	-	-	-
៦២	ព្រំ សាំង	ប	ជំនួយការ	ព្រៃឈើនាង	-	-	-
៦៣	ញ៉ាញ់ ច្រើក	ប	ប្រធានក្រុមទី៤		ក្រាំង ស្បូវ	-	-
៦៤	ណុប មេត	ប	អនុប្រធានក្រុមទី៤			-	-
៦៥	យិត ធី	ស	ជំនួយការ			-	-
៦៦	អ៊ា ខុង	ប	ប្រធានអនុក្រុមទី១	ជីវជុំ		-	-
៦៧	ទិត ធី	ប	ជំនួយការ	ជីវជុំ		-	-
៦៨	នុល ណាច	ប	ប្រធានអនុក្រុមទី២	មន		-	-
៦៩	ខែម ធាង	ប	ជំនួយការ	មន		-	-
៧០	អុក ចឹម	ប	ប្រធានអនុក្រុមទី៣	ត្រពាំងលើក		-	-
៧១	ឯម សារី	ប	ជំនួយការ	ត្រពាំងលើក		-	-

៧២	យុន ធី	ស	ប្រធានអនុក្រុមទី៤	ក្រាំងម្តង		-	-
៧៣	យ៉ែម រូន	ប	ជំនួយការ	ក្រាំងម្តង		-	-
៧៤	តឹប ឡុន	ប	ប្រធានអនុក្រុមទី៥	ក្រាំងស្បូវ		-	-
៧៥	សយ សៀង	ប	ជំនួយការ	ក្រាំងស្បូវ		-	-
៧៦	លាង វណ្ណឌី	ស	ប្រធាន ស.ក.ប.ទ		កណ្តាល	ត្បូងឃ្មុំ	ត្បូងឃ្មុំ
៧៧	មាស វិបុល	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
៧៨	នូ សាន	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
៧៩	ឈឹម ជិន	ស	ហិរញ្ញវិស័យ/បេឡា ស.ក.ប.ទ		-	-	-
៨០	ភួង ជាត	ប	ប្រធានក្រុមទី១		-	-	-
៨១	ហង់ ផល្លា	ប	អនុប្រធាន		-	-	-
៨២	នូ សោភា	ស	ជំនួយការ		-	-	-
៨៣	ហួង កុឡាប	ប	ប្រធានអនុក្រុមទី១	ទឹកក្រហម	-	-	-
៨៤	យិន ម៉ែន	ប	ជំនួយការ	ទឹកក្រហម	-	-	-
៨៥	អ៊ុក ថា	ស	ប្រធានអនុក្រុមទី២	ភ្នំតូច	-	-	-
៨៦	ស្វាយ ទិន	ស	ជំនួយការ	ភ្នំតូច	-	-	-
៨៧	តាក់ ចន្ទី	ស	ប្រធានក្រុមទី២		-	-	-
៨៨	ញ៉ែត គាំ	ប	អនុប្រធានក្រុមទី២		-	-	-
៨៩	ម៉ាក់ សៀម	ប	ជំនួយការ				
៩០	មាស នួន	ស	ប្រធានអនុក្រុមទី១	មានរិទ្ធ			
៩១	អៀង មឿន	ស	ជំនួយការ	មានរិទ្ធ			
៩២	តាក់ សំអាត	ប	ប្រធានអនុក្រុមទី២	អន្លង់គគីរ			
៩៣	នាង ភី	ប	ជំនួយការ	អន្លង់គគីរ			

គណៈកម្មាធិការ ស.ក.ប.ទ ជាប់ឆ្នោតប្រព័ន្ធនិរន្តរភាពសាស្ត្រ ខេត្ត តាកែវ

លរ.	ឈ្មោះ	ភេទ	គុណតម្លៃ	ភូមិ	ឃុំ	ស្រុក	ខេត្ត
១	ហែម ភា	ប	ប្រធាន ស.ក.ប.ទ		ត្រពាំងក្រញូង	ត្រាំកក់	កំពត
២	ខុល ជន	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
៣	សាន់ សាត	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
៤	អែម សុខា	ស	ហិរញ្ញិក/បេឡា ស.ក.ប.ទ		-	-	-
៥	វ៉ែន ជ័ត	ប	ឆ្នាំ				
៦	ប៊ុន អូក	ប	ឆ្នាំ				
៧	វ៉ែន ស្រីណេង	ស	ប្រធានក្រុមទី១		-	-	-
៨	អ៊ុក សោប៊ុន ថេន	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
៩	ព្រំ យីវ	ស	ជំនួយការក្រុមទី១		-	-	-
១០	ញិន វណ្ណា	ប	ប្រធានអនុក្រុមទី១	ត្រពាំងរបង	-	-	-
១១	គង់ រ៉ុម	ស	ជំនួយការ	ត្រពាំងរបង	-	-	-
១២	ហ៊ុន សុខា	ប	ប្រធានអនុក្រុមទី២	ត្រពាំងក្រញូង	-	-	-
១៣	គង់ ថេង	ស	ជំនួយការ	ត្រពាំងក្រញូង	-	-	-
១៤	គល់ រឿន	ប	ប្រធានអនុក្រុមទី៣	ត្រពាំងចក	-	-	-
១៥	អឿ ធ្វ	ស	ជំនួយការ	ត្រពាំងចក	-	-	-
១៦	ប៉ាក់ យ៉ែត	ស	ប្រធានក្រុមទី២				
១៧	ស៊ូ សាវ៉ែត	ប	អនុប្រធាន				
១៨	កង រីន	ប	ជំនួយការ				
១៩	ស៊ឹម គន្ធា	ស	ប្រធានអនុក្រុមទី៤	ព្រៃក្នុង			

២០	ខ្សែបន្ត	ប	ជំនួយការ	ព្រៃក្នុង			
២១	ផ្លូវ អិត	ប	ប្រធានអនុក្រុមទី៥	ត្រពាំង ស្បូវ			
២២	សឹម សូត្រ	ស	ជំនួយការ	ត្រពាំង ស្បូវ			
២៣	ស៊ិន ចុម	ប	ប្រធានអនុក្រុមទី៦	ផ្តល់លោក			
២៤	សុខ វិត	ស	ជំនួយការ	ផ្តល់លោក			
២៥	សូ ជា	ប	ប្រធានអនុក្រុមទី៧	ខ្ពស់ស្វាយ			
២៦	ភី លាប	ស	ជំនួយការ	ខ្ពស់ស្វាយ			
២៧	នាង មករា	ប	ប្រធាន ស.ក.ប.ទ		ស្រែក្នុង	ឈូក	កំពត
២៨	ម៉ែ សារ៉ុម	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
២៩	ឡាយ ចន្ទា	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
៣០	ហ៊ិន សុភ័ក្តិ	ស	ហិរញ្ញិក/បេឡា ស.ក.ប.ទ		-	-	-
៣១	យុង ឡា	ប	ឆ្នាំ				
៣២	ហ៊ី សារ៉ាត	ប	ឆ្នាំ				
៣៣	ហ៊ិន សុខ ណារ	ស	ប្រធានអនុក្រុមទី១	ព្រៃក្នុង	-	-	-
៣៤	ប៉ាង សារឿន	ស	ជំនួយការ	ព្រៃក្នុង	-	-	-
៣៥	សាត សុខា	ប	ប្រធានអនុក្រុមទី២	ត្រពាំង របង	-	-	-
៣៦	អ៊ី ឆុន	ប	ជំនួយការ	ត្រពាំង របង	-	-	-
៣៧	អ៊ឹម យូម៉ារី	ស	ប្រធានអនុក្រុមទី៣	ត្រពាំងក្រ ញូង	-	-	-
៣៨	ហ៊ិន ថន	ប	ជំនួយការ	ត្រពាំងក្រ ញូង	-	-	-
៣៩	កុយ ស្រឿន	ប	ប្រធាន ស.ក.ប.ទ		ព្រៃរំដេង	គិរីវង់	តាកែ វ
៤០	ស៊ីវ ធាន	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-

៤១	គង់ សាគុន	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
៤២	លី វណ្ណៈ	ស	ហិរញ្ញវិក/បេឡា ស.ក.ប.ទ		-	-	-
៤៣	ហាក់ លី សេង	ប	ទទួលបន្ទុករដ្ឋបាល				
៤៤	ចៅ ប៉ែនអូន	ប	ប្រធានក្រុមទី១		-	-	-
៤៥	ប្រាជ្ញ ហេល	ប	អនុប្រធានក្រុមទី១		-	-	-
៤៦	មិន ប៉ារ	ប	ជំនួយការ		-	-	-
៤៧	លេន លាន	ប	ប្រធានអនុក្រុមទី១	ត្រពាំង ពិដោរ	ព្រៃរំដេង	-	-
៤៨	កឹម សារឹម	ស	អនុប្រធាន	ត្រពាំង ពិដោរ	-	-	-
៤៩	ជុំ ស្រី	ប	ប្រធានអនុក្រុមទី២	បពល	-	-	-
៥០	អ៊ុន មិន	ប	ជំនួយការ	បពល	-	-	-
៥១	ឃួន ធី	ប	ប្រធានអនុក្រុមទី៣	ត្រពាំងវែង	-	-	-
៥២	សាន រតនា	ប	អនុប្រធាន	ត្រពាំងវែង	-	-	-
៥៣	សូ ស្រៀ	ប	ប្រធានអនុក្រុមទី៤	ដីក្រហម		-	-
៥៤	មាស សុភី ណ្ណា	ប	អនុប្រធាន	ដីក្រហម	-	-	-
៥៥	អ៊ុក សារិន	ប	ប្រធានអនុក្រុមទី៥	ជាវប្តីខាង លិច	-	-	-
៥៦	ទ្រី ស្រៀ	ស	អនុប្រធាន	ជាវប្តីខាង លិច	-	-	-
៥៧	សែម ញុន	ប	ប្រធានអនុក្រុមទី៦	គ្រាំ ងទ្រមូង	-	-	-
៥៨	កែន សុផា	ស	អនុប្រធាន	គ្រាំ ងទ្រមូង	-	-	-
៥៩	ម៉េង ពោន	ប	ប្រធានអនុក្រុមទី៧	ដោម	-	-	-
៦០	ធៀន សារុន	ប	អនុប្រធាន	ដោម	-	-	-
៦១	ប្រាក់ ជុំ	ប	ប្រធានក្រុមទី២		-	-	-

៦២	ព្រាប ភឿន	ស	អនុប្រធានក្រុម			-	-
៦៣	គាំ កុសល	ប	ជំនួយការ			-	-
៦៤	មូល ភឿន	ប	ប្រធានអនុក្រុមទី១	ភ្នំក្រពើ		-	-
៦៥	ប៊ុត កុសល	ប	អនុប្រធាន	ភ្នំក្រពើ		-	-
៦៦	កាន់ នារ	ស	ប្រធានអនុក្រុមទី២	ភ្នំក្រពើ		-	-
៦៧	ទុំ វ៉ានខឿន	ប	អនុប្រធាន	ភ្នំក្រពើ		-	-
៦៨	ប្រាជ្ញ មៅ	ប	ប្រធានអនុក្រុមទី៣	ភ្នំក្រពើ		-	-
៦៩	កន ហាំង	ស	អនុប្រធាន	ភ្នំក្រពើ		-	-
៧០	ខៀប ឈឿន	ប	ប្រធានអនុក្រុមទី៤	ភ្នំក្រពើ		-	-
៧១	សន សុនី	ប	អនុប្រធាន	ភ្នំក្រពើ		-	-
៧២	គុន សុផា	ប	ប្រធានអនុក្រុមទី៥	ភ្នំក្រពើ		-	-
៧៣	សំ ស្រីនុច	ស	អនុប្រធាន	ភ្នំក្រពើ		-	-
៧៤	ប្រាក់ កាត់	ប	ប្រធានអនុក្រុមទី៦	ភ្នំក្រពើ		-	-
៧៥	សោម ញ៉ែប	ស	អនុប្រធាន	ភ្នំក្រពើ		-	-
៧៦	ញ៉ាញ់ ញន	ស	ប្រធាន ស.ក.ប.ទ		កណ្តាល	ត្បូងឃ្មុំ	ត្បូងឃ្មុំ
៧៧	ហែម គឹមអូន	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
៧៨	មាន ម៉ន	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
៧៩	មុំ គឹមសន	ប	ហិរញ្ញិក/បេឡា ស.ក.ប.ទ		-	-	-
៨០	ធៀន ប៉ុក	ប	ប្រធានក្រុមទី១		-	-	-
៨១	ភិន ដៃត	ប	អនុប្រធាន		-	-	-
៨២	គឹម ស្រីមាស	ស	ជំនួយការ		-	-	-
៨៣	ព្រំ ឃឿន	ស	ប្រធានអនុក្រុមទី១	ពងអណ្តើក		-	-
៨៤	សុខ គី	ប	ជំនួយការ	ពងអណ្តើក		-	-
៨៥	ហៀន ប្រុស	ប	ប្រធានអនុក្រុមទី២	តាហៀន		-	-

៨៦	សោម សុភ័ណ្ណ	ស	ជំនួយការ	តាហៀន	-	-	-
៨៧	អ៊ុន ភឿន	ស	ប្រធានក្រុមទី៣	តាភិន	-	-	-
៨៨	អាប់ ពេជ្រ	ប	ជំនួយការ	តាភិន	-	-	-
៨៩	សុំ ស៊ាន	ប	ប្រធានក្រុមទី៤	តាជាន់			
៩០	កាន់ អឿន	ស	ជំនួយការ	តាជាន់			
៩១	រឹម ណាន	ប	ប្រធានក្រុមទី៥	តាញឹម			
៩២	ដីវ ត្រប់	ស	ជំនួយការ	តាញឹម			
៩៣	សៅ សុខ	ប	ប្រធានក្រុមទី២	អន្លង់គគីរ			
៩៤	សួន សារ៉ុ	ប	អនុប្រធាន				
៩៥	ដាក់ សាមុត	ស	ជំនួយការ				
៩៦	ទៀប សាវ៉ត	ប	ប្រធានក្រុមទី៣				
៩៧	ហែម ឆុំ	ប	អនុប្រធាន				
៩៨	សៅ ឆន	ប	ជំនួយការ				
៩៩	អ៊ុន កែវ	ប	ប្រធានក្រុមទី៤				
១០០	សូ សំអឿន	ប	អនុប្រធាន				
១០១	បឹង ចន្ទា	ស	ជំនួយការ				
១០២	អ៊ុយ អាត	ប	ប្រធានក្រុមទី៥				
១០៣	សំ សាន	ប	អនុប្រធាន				
១០៤	ចាប ដានី	ស	ជំនួយការ				
១០៥	ពុធ ប៊ុន្តា	ស	ប្រធាន ស.ក.ប.ទ			គិរីវង់	តាកែវ
១០៦	ងួន សារី	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-

១០ ៧	ជិន សេ	ប	ហិរញ្ញវិក/បេឡា ស.ក.ប.ទ			-	-	-
១០ ៨	ធា ដារុន	ប	ប្រធានកំណត់ប្រឡាយ ជ្រូក១			កំណប់	-	-
១០ ៩	សែស សៀន	ប	ប្រធានកំណត់ប្រឡាយ ព្រៃតាមៅ			គីរីចុងកោះ	-	-
១១ ០	រូន នី	ប	ប្រធានអនុក្រុម ពោធិសង្កែ			កំណប់	-	-
១១ ១	សៀន ហ៊ុម	ប	ប្រធានអនុក្រុមភូមិផ្សារ	ភូមិផ្សារ		ភ្នំជិន	-	-
១១ ២	យុង សុរៀង	ប	ប្រធានអនុក្រុមភូមិផ្សារ	ភូមិផ្សារ		-	-	-
១១ ៣	ងួន ដាន់	ប	ប្រធានអនុក្រុមភូមិតាឡឿង	តាឡឿង		-	-	-
១១ ៤	ភី ភឿង	ប	ប្រធានអនុក្រុមភូមិតាឡឿង	តាឡឿង		-	-	-
១១ ៥	ហាម ថារី	ប	ប្រធានអនុក្រុមភូមិកណ្តាល	កណ្តាល		-	-	-
១១ ៦	ជាង ស៊ីណាន	ប	ប្រធានអនុក្រុមភូមិកណ្តាល	កណ្តាល		-	-	-
១១ ៧	ឯម សាម៉ុន	ប	ប្រធានអនុក្រុមភូមិតារុង	តារុង		-	-	-
១១ ៨	ផាន់ សុផល	ប	ប្រធានអនុក្រុមភូមិតារុង	តារុង		-	-	-
១១ ៩	យឹម យាន	ប	ប្រធានអនុក្រុមភូមិថ្មី	ថ្មី		-	-	-
១២ ០	គា សុខុម	ប	ប្រធានអនុក្រុមភូមិថ្មី	ថ្មី		-	-	-
១២ ១	ហៀង ហេង	ប	ប្រធានអនុក្រុមភូមិជ្វា	ជ្វា		-	-	-
១២ ២	ញៀន រត់	ប	ប្រធានអនុក្រុមភូមិជ្វា	ជ្វា		-	-	-

១២ ៣	ម៉ាច ម៉ែន	ស	ប្រធានអនុក្រុមភូមិអណ្តូង កៀន	អណ្តូង កៀន	-	-	
១២ ៤	អ៊ី រិត	ប	ប្រធានអនុក្រុមភូមិអណ្តូង កៀន	អណ្តូង កៀន	-	-	
១២ ៥	ម៉ែ មៀន	ប	ប្រធានអនុក្រុមភូមិធំ	ធំ	-	-	
១២ ៦	អ៊ូ ង៉ែត	ប	ប្រធានអនុក្រុមភូមិធំ	ធំ	-	-	
១២ ៧	មេន ប៊ិន	ប	ប្រធានអនុក្រុមភូមិទទឹង	ទទឹង	-	-	
១២ ៨	សែម យឹម	ប	ប្រធានអនុក្រុមភូមិទទឹង	ទទឹង	-	-	
១២ ៩	ចិត ជុំ	ប	ប្រធានអនុក្រុមភូមិចំបក់ ទឹម	ចំបក់ទឹម	គីរីចុងកោះ	-	
១៣ ០	សូ សារៀម	ប	ប្រធានអនុក្រុមភូមិចំបក់ ទឹម	ដើមបេង	-	-	
១៣ ១	ព្រៃ ឈេន	ប	ប្រធានអនុក្រុមភូមិព្រាល	ព្រាល	-	-	
១៣ ២	ពត ញ៉	ប	ប្រធានអនុក្រុមភូមិជ្រោយ ស្លែង	ជ្រោយ ស្លែង	-	-	
១៣ ៣	នួន សៀន	ប	ប្រធានអនុក្រុមភូមិ ចេក	ចេក	គីរីចុងកោះ	-	

គណៈកម្មាធិការ ស.ក.ប.ទ ជាប់ឆ្នោតប្រព័ន្ធធារាសាស្ត្រ ខេត្តកំពង់ចាម

លរ	ឈ្មោះ	ភេទ	តួនាទី	ភូមិ	ឃុំ	ស្រុក	ខេត្ត
១	អៀង ឈួន	ប	ប្រធាន ស.ក.ប.ទ			បាធាយ	កំពង់ចាម
២	វ៉ែន វ៉ែន	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
៣	ជន វ៉ាន	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
៤	យ៉ុន ផ្លុង	ប	ហិរញ្ញវិក/បេឡា ស.ក.ប.ទ		-	-	-
៥	រដ្ឋ វ៉ែន	ប	ប្រធានក្រុមទី១		-	-	-
៦	ញឹម ញ៉ាន	ប	អនុប្រធាន		-	-	-
៧	ភឿន លាប	ស	ជំនួយការ		-	-	-
៨	វ៉ែន វ៉ែន	ប	ប្រធានអនុក្រុមទី១		-	-	-
៩	តៅ ហឹម	ស	ជំនួយការ		-	-	-
១០	ហ៊ុន ហៀម	ប	ប្រធានអនុក្រុមទី២		-	-	-
១១	ប៊ិន សៀ	ស	ជំនួយការ		-	-	-
១២	ហៀន ហោម	ប	ប្រធានអនុក្រុមទី២		-	-	-
១៣	គុន គីន	ប	អនុប្រធានក្រុម		-	-	-
១៤	ជៀន ប្រិញ	ស	ជំនួយការ				
១៥	អាន អាង	ប	ប្រធានអនុក្រុមទី១				
១៦	ភឹម ចឹម	ប	ជំនួយការ				
១៧	គុន គៀន	ប	ប្រធានអនុក្រុមទី២				
១៨	ឡេង លាប	ស	ជំនួយការ				
១៩	សំ អាន	ប	ប្រធានក្រុមទី៣				

២០	ស្វី ខ្ញុំ	ប	អនុប្រធាន				
២១	លាង កឹមឡេង	ប	ជំនួយការ				
២២	ឆឹម ឈឿន	ប	ប្រធានអនុក្រុមទី១				
២	យាត អ៊ឹម	ស	ជំនួយការ				
២៤	ហ៊ុំ ហាន	ប	ប្រធានអនុក្រុមទី២				
២៥	មឿន វ៉ាន	ស	ជំនួយការ				
២៦	អ៊ុង វ៉ាន	ប	ប្រធាន ស.ក.ប.ទ		ស្រែក្នុង	ឈូក	កំពត
២	ឡាង ប៊ុនថា	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
២៨	យុន សេងងួន	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
២៩	ឃ្លោក កក្កដា	ស	ហិរញ្ញិក/បេឡា ស.ក.ប.ទ		-	-	-
៣០	ឆេង ស៊ីថាច	ប	ឆ្នាំទំនប់				
៣១	ណុប ជ្រៀន	ប	ឆ្នាំទំនប់				
៣២	ឡាង សារឿន	ប	ប្រធានក្រុមទី១		ស្វាយ ទៀប	-	-
៣៣	ឡាច ហោន	ប	អនុប្រធានក្រុម		-	-	-
៣៤	តន ចន្ទ	ស	ជំនួយការ		-	-	-
៣៥	ជា វិន	ប	ប្រធានអនុក្រុមទី១	ប្រម៉ាត់ដី	-	-	-
៣៦	វ៉េត ធីតា	ស	ជំនួយការ	ប្រម៉ាត់ដី	-	-	-
៣៧	តាត់ ប៊ុនថា	ប	ប្រធានអនុក្រុមទី២	ផ្ទះលំហែកកើត	-	-	-

៣៨	កៅ ឆន	ស	ជំនួយការ	ផ្ទះលំហែកកើត	-	-	-
៣៩	ជាន់ ប៉ន	ប	ប្រធានអនុក្រុមទី៣	ផ្ទះលំហែកលិច	-	-	-
៤០	សយ វិទ្ធី	ប	ជំនួយការ	ផ្ទះលំហែកលិច	-	-	-
៤១	ញ៉ាំង សារី	ប	ប្រធានក្រុមទី២		ល្វាលើ		
៤២	យាន វេន	ប	អនុប្រធាន				
៤៣	ឆឹង លី	ប	ជំនួយការ				
៤៤	ប៊ុន គន	ប	ប្រធានអនុក្រុមទី៤	ក្បាលហុងចាស់			
៤៥	នាង សុភី	ស	ជំនួយការ	ក្បាលហុងចាស់			
៤៦	យ៉ុង ចំរ៉ុង	ស	ប្រធានអនុក្រុមទី៥	ក្បាលហុងថ្មី			
៤៧	ចាន់ សុខ	ប	ជំនួយការ	ក្បាលហុងថ្មី			
៤៨	ឡាយ សុខលីន	ស	ប្រធានអនុក្រុមទី៦	ល្វាជើង			
៤៩	វ៉ែន ស្រី	ប	ជំនួយការ	ល្វាជើង			
៥០	ជា សុខនី	ប	ប្រធានអនុក្រុមទី៧	ល្វាត្បូង			
៥១	ណៃ ដារ៉ូ	ប	ជំនួយការ	ល្វាត្បូង			
៥២	ធៀង ធី	ស	ប្រធានអនុក្រុមទី៨	ក្រឡែងកើត			
៥៣	ពាង ផេង	ប	ជំនួយការ	ក្រឡែងកើត			
៥៤	ប៊ុន សុភាព	ស	ប្រធានអនុក្រុមទី៩	ក្រឡែងលិច			
៥៥	សាម អៀង	ស	ជំនួយការ	ក្រឡែងលិច			
៥៦	រ៉ុន វ៉ែន	ប	ប្រធាន ស.ក.ប.ទ		ព្រះអណ្តូង	ស្ទឹងត្រង់	កំពត

៥	ជា សាមី	ស	អនុប្រធានទី១ ស.ក. ប.ទ			-	-	-
៥៨	ម៉ាត់ ភារៈ	ប	អនុប្រធានទី២ ស.ក. ប.ទ			-	-	-
៥៩	វិន វ៉ាន់ឌី	ស	ហិរញ្ញិក/បេឡា ស.ក. ប.ទ			-	-	-
៦០	ដែន ឧត្តម	ប	ឆ្នាំទ្វារទឹក					
៦១	ថោ វេង	ប	ឆ្នាំទ្វារទឹក					
៦២	ហាយ ហិន	ប	ប្រធានអនុក្រុម	ព្រះអណ្ណាង១				
៦	អ៊ុំ សូល	ស	ជំនួយការ	ព្រះអណ្ណាង១	-	-	-	-
៦៤	ណើ នន់	ប	ប្រធានអនុក្រុមទី២	ព្រះអណ្ណាង២	-	-	-	-
៦៥	រៀម ជា	ស	ជំនួយការ	ព្រះអណ្ណាង២	-	-	-	-
៦៦	ធួន សីហា	ប	ប្រធានអនុក្រុមទី៣	ព្រែកស្តី		-	-	-
៦	ហ៊ាង ចាន់							
៧	ខៀន	ស	ជំនួយការ	ព្រែកស្តី	-	-	-	-

គណៈកម្មាធិការ ស.ក.ប.ទ ជាប់ឆ្នោតប្រព័ន្ធនាវាសាស្ត្រ ខេត្តក្បូងឃ្មុំ

លរ.	ឈ្មោះ	ភេទ	គុណនិ	ភូមិ	ឃុំ	ស្រុក	ខេត្ត
១	អ៊ឹម អ៊ឹម	ប	ប្រធាន ស.ក.ប.ទ	ស្ទឹងពេញ	ជីគរ	ក្បូងឃ្មុំ	ក្បូងឃ្មុំ
២	ម៉ែន ម៉េត	ប	អនុប្រធានទី១ ស.ក.ប.ទ	ខ្នាចក្រសាំង	-	-	-
៣	ស្រីរាំង តូច	ស	អនុប្រធានទី២ ស.ក.ប.ទ	ខ្នាចក្រសាំង	-	-	-
៤	យាង មុំ	ស	ហិរញ្ញិក/បេឡា ស.ក.ប.ទ	ស្ទឹងពេញ	-	-	-
៥	កឹង ហោន	ប	ប្រធានក្រុមទី១	ស្ទឹងពេញ	-	-	-
៦	សុខា ចេកម៉ាច	ស	អនុប្រធានក្រុមទី១	ស្ទឹងពេញ	-	-	-
៧	ធី សុយន់	ស	ជំនួយការក្រុមទី១	ស្ទឹងពេញ	-	-	-
៨	សាក់ សំបិន	ប	ប្រធានក្រុមទី២	ខ្នាចក្រសាំង	-	-	-
៩	សាត ឡេក	ស	អនុប្រធានក្រុមទី២	ខ្នាចក្រសាំង	-	-	-
១០	លាក សៀន	ស	ជំនួយការក្រុមទី២	ខ្នាចក្រសាំង	-	-	-
១១	សាយ ហុង	ប	ប្រធានក្រុមទី៣	សាមគ្គី	-	-	-
១២	អ៊ឹម ម៉ុន	ស	អនុប្រធានក្រុមទី៣	សាមគ្គី	-	-	-
១៣	ជា សៅ	ប	ជំនួយការក្រុមទី៣	សាមគ្គី	-	-	-
១៤	ហាម សុខា	ប	ប្រធាន ស.ក.ប.ទ	ថ្មពេជ្រទី២	ថ្មពេជ្រ	ក្បូងឃ្មុំ	ក្បូងឃ្មុំ
១៥	សោ អូន	ប	អនុប្រធានទី១ ស.ក.ប.ទ	ពើក	-	-	-
១៦	ប៊ុន វិទ្ធី	ប	អនុប្រធានទី២ ស.ក.ប.ទ	ថ្មពេជ្រទី៣	-	-	-
១៧	ថេង ឆារ	ស	ហិរញ្ញិក/បេឡា ស.ក.ប.ទ	ថ្មពេជ្រទី២	-	-	-
១៨	ចេន សារ៉ាត	ប	ប្រធានក្រុមទី១	ថ្មពេជ្រទី២	-	-	-
១៩	អាត ប្រុស	ប	អនុប្រធានក្រុមទី១	ថ្មពេជ្រទី២	-	-	-
២០	ម៉ម អ៊ឹម	ស	ជំនួយការក្រុមទី១	ថ្មពេជ្រទី២	-	-	-
២១	ក្រិច សន	ស	ប្រធានក្រុមទី២	ថ្មពេជ្រទី៣	-	-	-
២២	ដឹង សុរិម	ប	អនុប្រធានក្រុមទី២	ថ្មពេជ្រទី៣	-	-	-
២៣	ក្រេន ជាវី	ស	ជំនួយការក្រុមទី២	ថ្មពេជ្រទី៣	-	-	-

២៤	អ៊ឹម ស្រីនី	ស	ប្រធានក្រុមទី៣	ពើក	-	-	-
២៥	យ៉ត ផល	ប	អនុប្រធានក្រុមទី៣	ពើក	-	-	-
២៦	មេឡី មាស	ប	ជំនួយការក្រុមទី៣	ពើក	-	-	-
២៧	អាង ប្រាក់	ប	ប្រធាន ស.ក.ប.ទ		ឈូក	ត្បូងឃ្មុំ	ត្បូងឃ្មុំ
២៨	សូ យ៉ាន	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
២៩	សុខ រ៉េត	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
៣០	ឡោ សុខទេព	ស	ហិរញ្ញិក/បេឡា ស.ក.ប.ទ		-	-	-
៣១	ឆោម សារឿន	ប	ប្រធានក្រុមទី១		-	-	-
៣២	សាន សំណាង	ប	អនុប្រធានក្រុមទី១		-	-	-
៣៣	មុត ណារី	ប	ប្រធានអនុក្រុមទី១		-	-	-
៣៤	មេឡី ណាត	ប	អនុប្រធានអនុក្រុមទី១		-	-	-
៣៥	មិន សារឿន	ប	ប្រធានអនុក្រុមទី២		-	-	-
៣៦	ហួរ សំភាស	ប	អនុប្រធានអនុក្រុមទី២		-	-	-
៣៧	ហ៊ឹម រ៉េន	ប	ប្រធានក្រុមទី២		-	-	-
៣៨	ប្រាក់ គឹមសួរ	ប	អនុប្រធានក្រុមទី២		-	-	-
៣៩	ទន់ សារឿន	ប	ប្រធានអនុក្រុមទី៣		-	-	-
៤០	អឿន សំអាង	ប	អនុប្រធានអនុក្រុមទី៣				
៤១	រ៉េន រិទ្ធ	ប	ប្រធានអនុក្រុមទី៤				
៤២	កែម ឌន	ប	អនុប្រធានអនុក្រុមទី៤				
៤៣	ចន ធាវ៉ា	ប	ប្រធាន ស.ក.ប.ទ		ឈូក	ត្បូងឃ្មុំ	ត្បូងឃ្មុំ
៤៤	អ៊ិត ចាន់ណាត	ប	អនុប្រធានទី១ ស.ក.ប.ទ		-	-	-
៤៥	អេល តាំ	ប	អនុប្រធានទី២ ស.ក.ប.ទ		-	-	-
៤៦	ឌឹម ស្រី	ស	ហិរញ្ញិក/បេឡា ស.ក.ប.ទ		-	-	-
៤៧	ផា ភេង	ប	ប្រធានអនុក្រុមទី១		-	-	-
៤៨	កើត សុវណ្ណ	ប	អនុប្រធានអនុក្រុមទី១		-	-	-

៤៩	ហ៊ុន ច័ន្ទនិត	ប	ប្រធានអនុក្រុមទី២		-	-	-
៥០	ចន សុខន	ប	អនុប្រធានអនុក្រុមទី២		-	-	-

Annex 14. Detail Performance PADC + Workshops as Per 31 December 2023

No	Contract No.	Contract Description	Prior (P) or Post Review (PR)	Method of Selection	Planned (PL)/Accual (AC)	Design and Cost Estimate			Bidding Documents and Bidding Process				Bid Evaluation/contract award recommendations			Contract						PCS No.	Progress payment	
						EA sent to DP for NOL (Date)	EA received DP's NOL (Date) RSA	Cost Estimate (Amount)	EA sent BD to DP for NOL (Date)	EA received DP's NOL (Date)	Bid Invitation Issued (Date)	Bids Opened (Date)	EA PRC's Approved on BER (Date)	EA sent BER to DP for Approved (Date)	EA received DP's NOL (Date)	EA send draft Contract to the DP for NOL (Date)	EA received DP's NOL (Date)	Contract Signed (Date)	Contractor's Name	Contract Amount (\$)	Contract Started (Date)			Contract Completion (Date)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	CW20/001/CFAVC/ MAFF	Office Partition and Electronic Connection	Post	Shopping without Advertizing				3,000.00		21-Oct-19	1-Nov-19	7-Nov-19						13-Nov-19	Veng Srun	3,244.60	14-Nov-19	21-Nov-19		
2	Lot1: CW7/CFAVC/MAFF/2021/01	Construction of Mechanization Engineering Workshop-PDAFF-KPT	Prior	NCB	AC	N/A	N/A	60,154.96	24-Aug-20	7-Oct-20	16-Oct-20	16-Nov-20	16-Mar-21	6-Apr-21	20-Apr-21	25-Jun-21	26-Jul-21	16-Aug-21	Hout Chhoeun Constructi on Co., Ltd	62,176.87	30-Aug-21	11 Apr 22	002 2	55,959.18
3	Lot2: CW7/CFAVC/MAFF/2021/02	The Construction of Mechanization Engineering Workshop-PDAFF-TBK	Prior	NCB	AC	N/A	N/A	60,154.96	24-Aug-20	7-Oct-20	16-Oct-20	16-Nov-20	16-Mar-21	6-Apr-21	20-Apr-21	25-Jun-21	26-Jul-21	16-Aug-21	Hout Chhoeun Constructi on Co., Ltd	62,176.87	30-Aug-21	11 Apr 22	002 4	55,959.18
4	Lot3: CW7/CFAVC/MAFF/2021/03	The Construction of Mechanization Engineering Workshop-PDAFF-KCM	Prior	NCB	AC	N/A	N/A	60,154.96	24-Aug-20	7-Oct-20	16-Oct-20	16-Nov-20	16-Mar-21	6-Apr-21	20-Apr-21	25-Jun-21	26-Jul-21	16-Aug-21	Hout Chhoeun Constructi on Co., Ltd	62,176.87	30-Aug-21	11 Apr 22	002 3	55,959.18
																				186,530.61				
5	Lot1: CW4/CFAVC/MAFF/2021/08	The Construction of Training Building-PADC & Equipment-TAK	Prior	NCB	AC	N/A	N/A	535,660.78	28-Jul-20	6-Oct-20	19-Oct-20	18-Nov-20	18-Mar-21	18-Mar-21	30-Jul-21	N/A	N/A	16-Aug-21	Hout Chhoeun Constructi on Co., Ltd	94,290.68	30-Aug-21	11 Apr 22	001 9	84,839.67
6	Lot2: CW4/CFAVC/MAFF/2021/09	The Construction of Training Building-PADC & Equipment-TBK	Prior	NCB	AC	N/A	N/A	535,660.78	28-Jul-20	6-Oct-20	19-Oct-20	18-Nov-20	18-Mar-21	18-Mar-21	30-Jul-21	N/A	N/A	16-Aug-21	Hout Chhoeun Constructi on Co., Ltd	92,954.64	30-Aug-21	11 Apr 22	002 0	83,601.59
7	Lot3: CW4/CFAVC/MAFF/2021/10	The Construction of Training Building-PADC & Equipment-KCM	Prior	NCB	AC	N/A	N/A	535,660.78	28-Jul-20	6-Oct-20	19-Oct-20	18-Nov-20	18-Mar-21	18-Mar-21	30-Jul-21	N/A	N/A	16-Aug-21	Hout Chhoeun Constructi on Co., Ltd	95,186.61	30-Aug-21	11 Apr 22	002 1	85,571.69

Annex 15. Detail Performance PPP Policy Development Activity as Per 31 December 2023*Sub-target 3.a.2: PPP framework development*

In AWPB 2023, the project will support the dialogues between public and private sectors through the crop centric PPP forum and feasibility studies within the project implementation. During the reporting period, there was no activities of this sector due to the Public Private Partnership Specialist has had no been mobilized input since November 2022. The submission to request NOL for mobilization from ADB was made on 21st October 2022.

Summary progress of PPP framework by June 2023

N	Activities	Institution	Unit	Annual Target 2022	Actual Progress in April-June 2023	Cumulative Progress By June 2023
1	Draft ToR for FS for Mango	MAFF/GDA	ToR	1	0	0.05
2	Draft TOR for FS on Maize	MAFF/GDA	ToR	1	0	0.05
3	Draft ToR for FS for Rice	MAFF/GDA	ToR	1	0	0
4	Draft ToR for FS for Rice	MAFF/GDA	ToR	1	0	0

Annex 16. Detail Performance CAMGAP Activity as Per 31 December 2023

Sub-target 2.b.4: Training for 500 farmers in CamGAP for Tropical Fruit (Mango)

According to AWPB 2023, the project plans to organize training courses for the target PPIUs. The training course aimed to transfer CamGAP technical knowledge to farmers growing mango in the target Agriculture Cooperatives (ACs) or communities of the CFAVC project. However, this activity has not been implemented yet. They will be implemented next quarter.

Sub-target 3.b.3: Drafted Standards on CamGAP for Tropical Fruit

9. A CamGAP for mango has already been developed. CFAVC will use this CamGAP during training of mango farmers. The national consultant GAP for tropical fruit working with GDA to determine which further key tropical fruits with export potential now require CamGAP development. In addition, work on this sub-target has been delayed by the failure to mobilize a National GAP for Tropical Fruit Specialist (NGAP) until Q1 2023. The NGAP will take primary implementation responsibility. During the reporting period, main achievements were as follows:

- Prepared the concept note and budget breakdown for training activities.
- Prepared budget breakdown 2023 on CamGAP activities with GDA and PPIUs.
- Prepared planning activities 2023 on CamGAP with GDA and PPIUs.
- Consolidated budget breakdown 2023 on CamGAP activities.
- Meeting with GDA to update the progress of CamGAP on Mango.
- Follow up the progress of CamGAP manual with involved department.
- Review existing and relevant documents on CamGAP with GDA focal person.
- Reviewed relevant existing document on GAP standard and practical guideline in harmonize with ASEAN GAP standard.
- Discussion and Meeting with PPIUs to review on the CamGAP in target provinces such as KCM, TBK, TAK and KPT.
- Seeking reference documents for CamGAP manual.
- Follow up the progress of CamGAP manual with involved departments.
- Meet with GDA to discuss for next activity plan related to a CamGAP workshop to support a CamGAP manual development.

Table II.16: Summary progress of Development of CamGAP for Tropical Fruit by April-June 2023

N	Activities	Institutions	Unit	Annual Target 2023	Actual Progress in April-June 2023	Cumulative Progress by June 2023
	CamGAP for tropical fruit	GDA	Standard	1	0	0.5

Annex 17. Detail Performance Agribusiness Activity as Per 31 December 2023

Target 3.d: 30 agribusiness trained in CSA and Green finance

The green finance specialists have undertaken a landscape and key stakeholder analysis to determine the current status of green finance provision in Cambodia and then in consultation with stakeholders (including relevant agribusinesses) develop a training program for agribusiness staff focusing on the benefits of green finance to agribusiness companies. During the reporting period, achievements are as follows:

- The list of 30 selected ACs has been reviewed to match with PPP target ACs to ensure that they are able to implement the green business projects and access to green financing .
- The TNA reported in the Green Finance Landscape report indicated that most AC representatives have limited understanding on the root causes, effects and impact of the climate change and variability in the agriculture value chain.
- Fifteen training workshops on green financing were provided to Agriculture Cooperatives (ACs) in the target provinces Takoe, Kampot, Tbong Khmum and Kampong Cham. There were 103 participants (including 40 women) . The training focused on Green Projects and GHG emission reduction.

Table II.20: Summary progress of agribusiness trained in CSA and GF by April-June 2023

N	Activities	Province	Unit	Annual Target 2023	Actual Progress in April-June 2023		Cumulative Progress by 2022- June 2023
1	Agribusiness training in CSA and Green Finance	TAK	People	8	4	32	120
2		KPT	People	8	4	26	117
3		KPC	People	7	3	27	127
4		TBK	People	7	4	21	89
Total				30	15	106	453

Annex 18. Detail IPC Performance as Per 30 June 2023

Annex 19. Adherence to Loan Condition as Per 31 December 2023

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
	Sector						
		Loan 3661	Schedule 4	4	1. In the carrying out of the Project and operation of the Project facilities, the Borrower shall perform, or cause to be performed, all obligations set forth in Schedule 5 of this Loan Agreement	Being complied	
	Sector	Loan 3661	Schedule 5	15	Subproject selection. The Borrower shall ensure, or cause the Project Executing Agency to ensure, that all Subprojects selected for financing under the Project meet the screening, eligibility and approval criteria as agreed between the Borrower and ADB and documented in (Implementation Procedures) of the PAM.	Being complied with	
	Sector	Grant 0579	Sched 2	6	The Recipient shall ensure that the activities related to the Project are implemented in compliance with the laws of the Recipient and other laws applicable to it, including but not limited to intellectual property law, if and to the extent any such laws maybe applicable to it.	Being complied	
	Financial						
		Loan 3661	Schedule 5	13	Counterpart Support. The Borrower shall ensure that counterpart support necessary for the Project is provided on a timely basis.	Being Complied	
1		Loan 3661	Schedule 5	14	The Borrower shall ensure that all completed Subprojects have adequate funds for operation and maintenance allocated to them on a yearly basis and made available on a timely basis. The Borrower shall further ensure that the farmer water user communities and water use groups collect irrigation service fees to sustain the operation and maintenance of distribution canals in accordance with the Borrower's decree on farmer water user communities.	To be complied with	Not due yet
2		Loan 8346	Schedule 4	4	4. The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being Complied with	Inception mission verified office equipment and

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
							goods delivered to EA/IAs
3		Loan 8346	Schedule 4	4	3. ADB's obligation to disburse any amount from the Loan Account shall be subject to ADB's receipt of a corresponding amount from GCF in accordance with the terms of the AMA and the FAA.	Comply	Agreed.
4		Loan 8346	Schedule 4	4	2(c) The Borrower shall enable ADB, upon ADB's request to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a), (iii) herein above, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree.	Being Complied with	Third Financial Audit for the year 2021 was conducted in February'2022. Report has been submitted to ADB in June 2022.
		Loan 8346	Schedule 4	4	1. In the carrying out of the Project and operation of the Project facilities, the Borrower shall perform, or cause to be performed, all obligations set forth in the Ordinary Operations [Concessional] Loan Agreement.	Being complied with	
5		Loan 8346	Schedule 4	4	2(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Being Complied with	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
6		Loan 8346	Schedule 4	4	2(a) The Borrower shall cause the Project Executing Agency to (i) maintain separate accounts and records for the Project; (ii) prepare annual financial statements for the Project in accordance with financial reporting standards acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with auditing standards acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report, which includes the auditors' opinion(s) on the financial statements and the use of the Loan proceeds and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 6 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such	Being Complied with	Being complied. Separate accounts established. 3rd annual audited project financial statement reports for FY2021 submitted in June 2022.
7		Loan 8346	Schedule 4	5	5(c) Without limiting the generality of the foregoing, the Borrower shall furnish to ADB periodic reports on the execution of the Project, on the accomplishment of the targets and actions agreed between ADB and the Borrower, and on the operation and management of the Project facilities. Such reports shall be submitted in such form and in such detail and within such a period as ADB shall reasonably request, and shall indicate, among other things, progress made and problems encountered during the period under review, steps taken or proposed to be taken to remedy these problems, and proposed program of activities and expected Progress during the following period.	Being complied with	Progress reports have been submitted every quarter
8		Loan 8346	Schedule 4	5	9. Contractors and Consultants. In the carrying out of the Project, the Borrower shall cause competent and qualified consultants and contractors, acceptable to the Borrower and ADB, to be employed to an extent and upon terms and conditions satisfactory to the Borrower and ADB.	Being Complied	Some CS2 non key experts still not mobilized.

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
9		Loan 8346	Schedule 4	5	5. Reports. (a) The Borrower shall furnish, or cause to be furnished, to ADB all such reports as ADB shall reasonably request concerning (i) the Loan, and the expenditure of the proceeds and maintenance of the service thereof; (ii) the goods, services and other items of expenditure financed out of the proceeds of the Loan; (iii) the Project and the Project Executing Agency; (iv) the administration, operations and financial condition of the Borrower; and (v) any other matters relating to the purposes of the Loan.	Being Complied with	Being complied with. Final inception report was submitted to ADB on 15 Feb 2020. Progress reports have been submitted every quarter.
10		Loan 8346	Schedule 4	5	3(b) Without limiting the generality of the foregoing, the Borrower undertakes to insure, or cause to be insured, the goods to be imported for the Project and to be financed out of the proceeds of the Loan against hazards incident to the acquisition, transportation and delivery thereof to the place of use or installation, and for such insurance any indemnity shall be payable in a currency freely usable to replace or repair such goods.	Being Complied with	Being complied.
11		Loan 8346	Schedule 4	5	2. Negative Pledge. (a) If the Borrower shall create or permit the creation of any lien on any of its assets as security for any foreign currency debt, the Borrower undertakes to expressly provide that such lien will ipso facto equally and ratably secure the payment of the principal of, and service charge on, the Loan. If any statutory lien shall be created on any assets of the Borrower (as hereinafter defined), as security for any foreign currency debt, the Borrower shall grant to ADB an equivalent lien satisfactory to ADB.	Being Complied with	Agreed
12		Loan 8346	Schedule 4	5	(b) The Borrower shall afford all reasonable opportunity for ADB's representatives to visit any part of its territory for purposes related to the Loan.	Complied with	Agreed.
13		Loan 8346	Schedule 4	5	2.b. The provisions of paragraph (a) of this Section shall not apply to (i) any lien created on property, at the time of purchase thereof, solely as security for payment of the purchase price of such property; or (ii) any lien arising in the ordinary course of	Being Complied with	Agreed.

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					banking transactions and securing a debt maturing not more than one year after its date.		
14		Loan 8346	Schedule 4	5	3. Insurance. (a) The Borrower shall take out and maintain with responsible insurers, or make other arrangements satisfactory to ADB for, insurance against such risks and in such amounts as shall be consistent with sound practice. The Borrower shall be deemed to have opted for self- insurance in the absence of any specific insurance for the Project.	Being Complied with	Being complied.
15		Loan 8346	Schedule 4	5	2.c. The term "assets of the Borrower" as used in paragraph (a) of this Section includes assets of any political subdivision or any agency of the Borrower and assets of any agency of such political subdivision, and assets of any entity owned or controlled by, or operating for the account or benefit of, the Borrower or any such political subdivision or agency, including any other institution performing the functions of a central bank for the Borrower.	Being Complied with	Agreed.
16		Loan 8346	Schedule 4	5	5(b) The Borrower shall promptly inform ADB of any condition which interferes with, or threatens to interfere with, the progress of the Project, the performance of their respective obligations under the Loan Agreement, the accomplishment of the purposes of the Loan, or the maintenance of the service thereof; and the Borrower shall promptly inform ADB in advance of any proposed changes in the ownership or control of the Borrower or its assets, or any transaction or arrangement which will have or is likely to have such effect.	Being Complied	In April 2022 a decision was made on the implementation of the ponds and drip irrigation
17		Loan 8346	Schedule 4	5	8(b) The Borrower shall ensure that the activities of its departments and agencies with respect to the carrying out of the Project and operation of the Project facilities are conducted and coordinated in accordance with sound Administrative policies and procedures.	Being Complied with	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
18		Loan 8346	Schedule 4	5	8. General Undertakings. (a) The Borrower shall cause the Project to be carried out with due diligence and efficiency and in conformity with sound financial, business and development practices. The Borrower shall in collaboration with ADB ensure that the Project adheres to ADB policies on anticorruption, core labor standards, environmental and social safeguards, gender, procurement and consulting services, disbursement and such other policy specified in the Loan Agreement.	Being Complied	Being complied.
19		Loan 8346	Schedule 4	5	7. Work Schedules, Plans and Design Standards. The Borrower shall cause the Project to be carried out in accordance with plans, design standards, specifications, work schedules and construction methods acceptable to the Borrower and ADB, as applicable. When required by ADB, the Borrower shall furnish, or cause to be furnished, to ADB, promptly after their preparation, such plans, design standards, specifications and work schedules, and any material modifications subsequently made therein, in such detail as ADB shall reasonably request.	Being Complied	AWP 2023 submitted mid December 2022
20		Loan 8346	Schedule 4	5	6. Counterpart Obligations and Land Acquisition. The Borrower shall make available, promptly as and when needed, the funds, facilities, services, land, and other resources as shall be necessary or required, in addition to the proceeds of the Loan, for the carrying out of the Project and for the operation and maintenance of the Project facilities. The Borrower shall furnish to ADB, promptly at its request, evidence satisfactory to ADB that such funds, facilities, services, land, and other resources are available for purposes related to the Project.	Being Complied	To be complied.
21		Loan 8346	Schedule 4	5	5(d) Promptly after completion of the Project, but in any event not later than three months thereafter or such later date as may be agreed for this purpose between the Borrower and ADB, the Borrower shall prepare and furnish to ADB a report, in such form and in such detail as ADB shall reasonably request, on the execution and initial operation of the Project, including its cost, the performance by the Borrower of its obligations under this	To be complied	To be complied.

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					Loan Agreement and the accomplishment of the purposes of the Loan.		
22		Loan 8346	Schedule 4	5	4. Records, Financial Statements and Audits. The Borrower shall maintain, or cause to be maintained, records and financial statements adequate to identify the goods, services and other items of expenditure financed under the Project; to record the progress of the Project (including the cost thereof and); to reflect, in accordance with consistently maintained sound financial reporting principles, the operations and financial condition of the Project; and to have the financial statements audited. Related requirements shall be specified in the Loan Agreement.	Being Complied	Third Financial Audit for the year 2022 was conducted in March 2023. Report will be available in June 2023.
23		Loan 8346	Schedule 4	5	10. Maintenance. The Borrower shall ensure that any facilities relevant to the Project are operated, maintained and repaired in accordance with sound operational and maintenance practices. The Borrower shall promptly as need, make or cause to be made all necessary repairs and renewals thereof.	To be Complied	To be complied.
24		Grant 0579	Schedule 2	2	Without limiting the generality of Section 5.01(a) of the Grant Regulations, the Recipient shall refund, or procure and refund, any unused Grant proceeds to ADB, and shall impose similar refund requirements on its counterparties involved in the Project.	To be complied	Agreed.
25		Grant 0579	Schedule 2	4	In addition to the audit requirement under Section 4.02 of this Grant Agreement, the Recipient acknowledges and agrees that ADB has the right to conduct financial audits of the Project, by an external auditor selected by ADB, if GCF has a concern as to the manner in which the Grant proceeds have been used; and shall fully cooperate with such audit.	Being Complied	Agreed.

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					The Recipient shall bear the reasonable cost of such audit, if the audit finds that the Grant proceeds have not been used according to this Grant Agreement.		
26	Sector	Grant 0579	Sched 2	6	The Recipient shall ensure that the activities related to the Project are implemented in compliance with the laws of the Recipient and other laws applicable to it, including but not limited to intellectual property law, if and to the extent any such laws maybe applicable to it.	Being complied	
27	Financial	Grant 0579	Schedule 4	1	In the carrying out of the Project and operation of the Project facilities, the Recipient shall perform, or cause to be performed, all obligations set forth in Schedule 2 to this Grant Agreement and Schedule 5 to the Ordinary Operations [Concessional] Loan Agreement.	Being Complied	
28		Grant 0579	Schedule 4	2	(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	To be complied with	The Financial Audit for the year 2022 was conducted in March 2023. Report will be submitted to ADB in June 2023.
29		Grant 0579	Schedule 4	2	(a) The Recipient shall cause the Project Executing Agency to (i) maintain separate accounts and records for the Project; (ii) prepare annual financial statements for the Project in accordance with financial reporting standards acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with auditing standards acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report, which includes the	Being Complied	Being complied. Separate accounts established. 4rd annual audited project financial statement reports for FY2022 will be

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					auditors' opinion(s) on the financial statements and the use of the Grant proceeds, and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 6 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such other information concerning		submitted in June 2023.
30		Grant 0579	Schedule 4	2	(c) The Recipient shall enable ADB, upon ADB's request, to discuss the financial statements for the Project and the Recipient's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a)(iii) herein above, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Recipient, unless the Recipient shall otherwise agree.	Being Complied	Fourth Financial Audit for the year 2022 was conducted in March'2023. Report will be submitted to ADB in June 2023.
31		Grant 0579	Schedule 4	4	The Recipient shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being Complied	Inception mission verified office equipment and goods delivered to EA/IAs
32		Grant 0579	Schedule 4	4	The Recipient acknowledges and agrees that this Grant Agreement is entered into by ADB, not in its individual capacity, but as trustee of GCF. Accordingly, the Recipient agrees that (a) it may only withdraw Grant proceeds to the extent that ADB has received proceeds for the Grant from GCF, and (b) that ADB does not assume any obligations or responsibilities of GCF in respect of the Project or the Grant other than those set out in this Grant Agreement.	Being Complied	Confirmed.
	Safeguards						
33	Safeguards	Loan A661	Schedule 5	2	Environment. The Borrower shall ensure that the preparation, design, construction, implementation, operation and decommissioning	being complied	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					of the Project, each Subproject and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; (c) the EARF; and (d) all measures and requirements set forth in the respective IEE, EMP, and any corrective or preventative actions set forth in a Safeguard Monitoring Report. The Borrower shall ensure that no Subproject categorized as Category A under the SPS is financed under the Project.		
34		Loan 3661	Schedule 5	3	Land Acquisition and Involuntary Resettlement. The Borrower shall ensure that all land and all rights-of- way required for the Project, each Subproject and all Project facilities are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) Involuntary Resettlement Safeguards; (c) the RF; and (d) all measures and requirements set forth in the respective RP, and any corrective or preventative actions set forth in a Safeguard Monitoring Report. The Borrower shall ensure that no Subproject categorized as Category A under the SPS is financed under the Project.	being complied	In 2020, the ADB recruited a Fourth Party to verify the land donations for the Category C irrigation scheme Trapeang Run. For AWP 2023 are the arrangements still not sure how this Fourth-party verification will be arranged. There are no category A subprojects included in the project.
35	Safeguards	Loan 3661	Schedule 5	4	Without limiting the application of the Involuntary Resettlement Safeguards, the RF or the RP, the Borrower shall ensure that no physical or economic displacement takes place in connection with the Subprojects until: (a) compensation and other entitlements have been provided to affected people in	Being complied	First package under advance action was put on hold until the project

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					accordance with the RP; and (b) a comprehensive income and livelihood restoration program has been established in accordance with the RP.		implementation consulting firm revisited the site and validate that there is minimal acquisition of land and no displacement of any structures.
36	Safeguards	Loan 3661	Schedule 5	5	Indigenous Peoples. The Borrower shall ensure that the preparation, design, construction, implementation and operation of the Project, each Subproject and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to indigenous people; (b) the Indigenous Peoples Safeguards; (c) the EMDF; and (d) all measures and requirements set forth in the respective IPP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report. The Borrower shall ensure that no Subproject categorized as Category A under the SPS is financed Project.	Being complied with	There are no category A subprojects included in the project.
37	Safeguards	Loan 3661	Schedule 5	6	Human and Financial Resources to Implement Safeguards Requirements. The Borrower shall make available necessary budgetary and human resources to fully implement any EMP, RP and IPP.	Being complied	
38	Safeguards	Loan 3661	Schedule 5	7	Safeguards - Related Provisions in Bidding Documents and Works Contracts. The Borrower shall ensure that all bidding documents and contract for works contain provisions that require contractors to: comply with the measures and requirements relevant to the contractor set forth in the IEEs, the EMPs, the RPs and the IPPs (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguard Monitoring Report;	Being Complied	First invitation for bids for civil works have been issued in April 2020.

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					make available a budget for all such environmental and social measures; provide the Borrower with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs, the RPs and the IPPs; adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.		
39	Safeguards	Loan 3661	Schedule 5	8	Safeguard Monitoring and Reporting. The Borrower shall do the following: submit semi-annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission; if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs, the RPs, and the IPPs, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan in accordance with the SPS; and report any actual or potential breach of compliance with the measures and requirements set forth in the EMPs, the RPs or the IPPs promptly after becoming aware of the breach.	To be complied with	Semi-annual safeguards monitoring reports are submitted on-time
40	Safeguards	Loan 3661	Schedule 5	9	Prohibited List of Investments. The Borrower shall ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.	Being Complied	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
41	Safeguards	Loan 3661	Schedule 5	10	Labor Standards, Health and Safety. The Borrower shall ensure that the core labor standards and the Borrower's applicable laws and regulations are complied with during Project implementation. The Borrower shall include specific provisions in the bidding documents and contracts financed by ADB under the Project requiring that the contractors, among others, (a) comply with all applicable labor laws and regulations of the Borrower; (b) do not use child labor; (c) do not discriminate workers in respect of employment and occupation; (d) do not use forced labor; and (f) disseminate information on the risks of sexually transmitted diseases, including HIV/AIDS, to the employees of contractors engaged under the Project and to members of the local communities surrounding the Project areas, particularly women.	Being Complied	
42	Safeguards	Loan 3661	Schedule 5	11	The Borrower shall strictly monitor compliance with the requirements set forth in this paragraph and provide ADB with regular reports.	Being Complied	Being complied.
		Loan 3661	5	12	Gender and Development. The Borrower shall ensure that the (a) GAP is implemented in accordance with its terms; (b) the bidding documents and contracts include relevant provisions for contractors to comply with the measure set forth in the GAP; (c) adequate resources are allocated for implementation of the GAP; and (d) progress on implementation of the GAP, including progress toward achieving key gender outcome and output targets are regularly monitored and reported to ADB.	Being Complied with	In Sept 2021 was the GAP changed/modified by the ADB
Governance and anti-corruption							
43		Loan 3661	Schedule 5	16	Governance and Anticorruption. The Borrower shall (a) comply with ADB's anticorruption Policy (1998, as amended to date) and acknowledge that ADB reserves the right to investigate directly, or through its agents, any alleged corrupt, fraudulent, collusive or coercive practice relating to the Project; and (b) cooperate with any such investigation and extend all necessary assistance for	Being Complied	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					satisfactory completion of such investigation.		
44		Loan 3661	Schedule 5	17	The Borrower shall ensure that the anticorruption provisions acceptable to ADB are included in all bidding documents and contracts, including provisions specifying the right of ADB to audit and examine the records and accounts of the executing agency and all contractors, suppliers, consultants, and other service providers as they relate to the Project.	Being Complied	
45		Loan 3661	Schedule 5	18	The Borrower shall disclose, through its website, accessible by general public, information about various matters concerning the Project, including general Project information, procurement, Project progress, and contact details in the English and Cambodian languages, as applicable. The website shall also provide a link to ADB's integrity office for reporting to ADB any grievances or allegations of corrupt practices arising out of the Project and Project activities. With regard to procurement, the website shall include: (a) the list of participating bidders; (b) the name of the winning bidder; (c) the amount of the contracts awarded; (d) basic details on bidding procedures adopted; and (e) the lists of goods, works and services procured	Being Complied	
46		Grant 0579	Schedule 2	1	The Recipient acknowledges and agrees that the Recipient has no right of action, whether in contract, nor or under statute to the extent permitted by law, against GCF in respect of the ADB Green Climate Fund, the Project or any loss or damage arising out of ADB's acts or omissions, or the acts of omissions of its officers, employees, agents or consultants under, or in connection with, this Grant Agreement.	Being Complied	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
47		Grant 0579	Schedule 2	3	The Recipient shall fully cooperate with ADB regarding any reviews, ad hoc checks, verifications or evaluations by GCF	Being Complied with.	
48		Grant 0579	Schedule 2	5	The Recipient shall ensure that all necessary and applicable licenses, approvals and consents, including those relating to intellectual property, to implement and carry out the Project and operate the Project facilities are valid for the duration of the Project.	To be complied	
49		Grant 0579	Schedule 2	7	The Recipient shall endeavor to acknowledge the visual identity of GCF in funding the Project (e.g., through use of the GCF logo, in accordance with GCF's branding guidelines, and appropriate references in reports, publications, information given to beneficiaries and news media, related publicity materials and any other forms of public information and the displaying of the GCF logo on the site of any infrastructure works). Any branding activities in support of GCF shall comply with GCF's branding guidelines and be and reviewed by the GCF Secretariat.	Being Complied with	
	Others						
50		Loan 3661	Schedule 5	1	Implementation arrangements. The Borrower shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM shall become effective only after approval of such change by the Borrower and ADB. In the event of any discrepancy between the PAM and this Loan Agreement, the provisions of this Loan Agreement shall prevail	To be complied with	