



GREEN  
CLIMATE  
FUND



# CLIMATE-FRIENDLY AGRIBUSINESS VALUE CHAINS SECTOR PROJECT (CFAVC)

QUARTERLY PROGRESS REPORT  
(Q2: April – June 2024)

19-July-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 Biogas 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

## **Executive Summary**

*For this reporting period, the summary of project progress as following:*

### **1) Overall Achievement**

- The project has consumed (time elapsed) **70%** (67 out of 95 months), overall disbursement is **35.6%**, and expenditures rate is **31.4%** of the total fund (141.04M\$), and the overall project progress is **63.52%**.

### **2) Problem Statement**

- It is impossible to implement the current procurement plan for bio-digesters, compost huts and land leveling since the local suppliers cannot compliance with procurement methods.
- Independence Third Party to review social safeguard is not yet recruited
- Consultants have a shortage of the remaining input to do their professional assignment.

### **3) Recommended Solutions**

- For current procurement method, PMU has proposed to MEF and ADB to change it. The proposed method and updated procurement plan (version 5) have been sent to ADB for approval and NOL.
- ITP will be recruited as soon as possible, hopefully it will be done in Q3 2024.
- The consulting firm and PMU have prepared the VO16, and it has been submitted to MEF for approval, and then it will be sent to ADB for NOL.

### **4) Conclusion**

- In inclusion the project remains going on-track as the overall achievement mentioned above.
- ADB Mid-term Review Mission has been conducted from 25 September to 6 October 2023. The progress of MOU's agreed action plan is in appendix 9.

## 1. INTRODUCTION AND BASIC DATA

The project basic data is shown in the following table.

Table 1: Project basic data

Loan/Grant Number(s)	Loan No. 3661-CAM (COL) / 8346-CAM (EF) Grant No. 0579 - CAM (EF)		
Project Name	Climate Friendly Agri-business Value Chains Sector Project (CFAVC)		
Project Number	48409-002		
Sector/sub-Sector	Agriculture Natural Resources Rural Development		
Executing Agency (EA)	Ministry of Agriculture, Forestry and Fisheries (MAFF)		
Implementing Agency (IA)	Cambodia Agricultural Research and Development Institute (CARDI) General Directorate of Animal Health and Production (GDAHP) of MAFF General Directorate of Agriculture (GDA) of MAFF General Department Directorate of Technical Affairs of MOWRAM General Directorate of Technical Affairs of MRD		
Total Project Cost (US\$ million)	141.040		
Financing Source(s)	Financiers	Amount (US\$ million)	Share of Total (%)
	ADB loan (No.3661-CAM)	90	64%
	GCF loan (No.8346-CAM)	10	7%
	GCF Grant (No.0579-CAM)	30	21%
	RGC	7.376	5%
	Beneficiaries	3.664	3%
Date of Loan/Grant Approval	29 Jun 2018		
Date of Signing of Loan/Grant Agreements	06 Jul 2018		
Closing Date of Loan/Grant	31 Mar 2025		
Revised closing date (if applicable)	30 Sep 2026		
Dates of Last Review Mission (if applicable)	25 September to 6 October 2023 (ADB Mid-term Review Mission)		
Project Impact	Agricultural competitiveness improved		
Project Outcome (or Component)	Productive and resource-efficient agribusiness value chains developed in project areas		
Allocation of Loan Proceeds	Components	Amount (US\$ million)	Share of total
	PMU-MAFF	57.15	41%
	MOWRAM	44.24	31%
	MRD	37.35	26%
	Unassigned ( <i>Interest Charges</i> )	2.31	2%
Project Area (provinces)	<ul style="list-style-type: none"> <li>- Kampong Cham</li> <li>- Kampot</li> <li>- Takeo</li> <li>- Tboung Khmum</li> </ul>		
Overall Project Progress (as of this report)	<b>63.52%</b>		
Elapsed time	<b>70%</b> (67 out of 95 months)		
Disbursement	<b>35.6%</b> (of total project cost)		
Expenditure	<b>31.4%</b> (of total project cost)		

## 2. UTILIZATION AND FUNDS

### 2.1 Introduction

The summary of total cost by source of funds are showed in table 2, 3, and 4 as following.

Table 2: A summary of total cost by source of funds: Loan No. 3661-CAM

Cat. Ref.	Cat. Code	Category Name	Amount (in USD)				
			Fund Allocation	Contracts Awarded	Uncontracted Balance	Contracts Disbursed	Undisbursed Balance
			A	B	C = A-B	D	E = A-D
01A	0301	Works-Irrigation and Roads	60,537,190.00	30,225,086.98	30,312,103.02	15,520,369.15	45,016,820.85
01B	0302	Works-Warehouse and Laboratory	5,762,800.00	8,886,893.77	(3,124,093.77)	8,734,318.06	(2,971,518.06)
01C	0303	Works-Other Infrastructure	1,330,600.00	-	1,330,600.00	-	1,330,600.00
02	1501	Equipment, Materials, Goods & Project Implementation Service	16,757,700.00	11,389,721.60	5,367,978.40	8,831,501.76	7,926,198.24
03	2701	Incremental Operating Cost	4,187,100.00	1,718,335.42	2,468,764.58	1,718,335.42	2,468,764.58
04	6901	Interest Charge	1,424,610.00	-	1,424,610.00	555,655.37	868,954.63
99	9901	Advance Accounting-MEF	-	-	-	1,548,000.00	(1,548,000.00)
		Total:	90,000,000.00	52,220,037.77	37,779,962.23	36,908,179.76	53,091,820.24

Table 3: A summary of total cost by source of funds: Loan No. 8346-CAM

Cat. Ref.	Cat. Code	Category Name	Amount (in USD)				
			Fund Allocation	Contracts Awarded	Uncontracted Balance	Contracts Disbursed	Undisbursed Balance
			A	B	C = A-B	D	E = A-D
01A	0301	Works-Irrigation and Roads	9,963,900.00	4,653,394.44	5,310,505.56	2,463,993.16	7,499,906.84
01B	6601	Service Charge	36,100.00	-	36,100.00	7,802.48	28,297.52
99	9901	Advance Accounting-MEF	-	-	-	366,000.00	(366,000.00)
		Total:	10,000,000.00	4,653,394.44	5,346,605.56	2,837,795.64	7,162,204.36

Table 4: A summary of total cost by source of funds: Grant No. 0579-CAM

Cat. Code	Category Name	Amount (in USD)				
		Fund Allocation	Contracts Awarded	Uncontracted Balance	Contracts Disbursed	Undisbursed Balance
		A	B	C = A-B	D	E = A-D
0301	1A Works-Irrigation and Roads	8,295,660.00	3,847,294.62	4,448,365.38	1,965,602.70	6,330,057.30
0302	1B Works-Other Infrastructure	114,050.00	24,687.10	89,362.90	-	114,050.00
0303	1C Works-Biogas Plants & Compost Huts	2,854,150.00	-	2,854,150.00	-	2,854,150.00
1501	2 EQPT, Studies, Surveys, & Proj IMP SVCS	10,785,430.00	1,694,111.00	9,091,319.00	309,952.65	10,475,477.35

2401	3 Trainings, Workshops & Demonstration	7,456,780.00	3,190,893.13	4,265,886.87	3,190,893.13	4,265,886.87
2701	4 Incremental Cost	493,930.00	-	493,930.00	-	493,930.00
	Total:	30,000,000.00	8,756,985.85	21,243,014.15	5,466,448.48	24,533,551.52

## 2.2 Contract Awards

Up to this reporting period, the project has awarded 54 contracts, including 40 civil work contracts, 10 good contracts, and 4 consulting service contracts as in table 6. All contracts are in appendix 4.

There is not the contract awarded during the reporting period in table 5 below.

Table 5: List of Contracts Awarded by Component in Q2 2024

EA/IA	Component	Package Number	Type of Contract	General Description	Contract Amount (US\$)	Status

Table 6: Project awarded contracts.

Contract Awards										
No.	Package Number	General Description, Name of Consultant, Contractor, Supplier	Amount (\$)		Contract Period (dd/mm/yy)		Funding Source (ADB, gov't, other donors)	Procurement /Recruitment Method		Comments
			Estimate	Actual	Start	End		Proposed	Actual (indicate only if changed)	
<b>Works</b>										
1	CFAVC-KP-TR-CW2	The Rehabilitation of Trapeang Run Irrigation Subproject in Kampot Province	655,110.00	685,283.09	10-Nov-20	04-Agu-21	ADB	NCB	NCB	Completed
2	CFAVC-MOWRAM-TBM-CW13.1	The Rehabilitation of Three (3) Schemes (Kbal Teuk, Tuol Pring, and Trapeang Tros) Irrigation Subprojects in Tbong Khmum Province	2,565,971.00	2,234,441.33	02-Aug-23	17-Sep-23	ADB	NCB	NCB	Completed
3	CFAVC-MOWRAM-TEO-CW15.1	The Rehabilitation of Two (2) Schemes (Prey Kdouch and Kraing Empil) Irrigation Subprojects in Takeo Province	1,749,734.00	1,392,848.85	03-Jan-22	04-May-23	ADB	NCB	NCB	Completed
4	CFAVC-MOWRAM-KPC-CW14.1	The Rehabilitation of Two (2) Schemes (Pram Kompheak and O'Kamprok) Irrigation Subprojects in Kampong Cham Province	2,589,443.00	2,201,388.95	30-Dec-22	14-Oct-23	ADB	NCB	NCB	Completed
5	CFAVC-MOWRAM-KPT-CW12.1	The Rehabilitation of Takouch Irrigation Subproject in Kampot Province	757,200.00	621,018.47	14-Feb-22	14-Sep-24	ADB	NCB	NCB	Completed
6	CFAVC-MOWRAM-TBM-CW13.2	The Rehabilitation of Two (2) Schemes (Tbong Damrei Community and Kampong Raing Feeding Canal) Irrigation Subprojects in Tbong Khmum Province	1,964,210.00	2,787,043.73	06-Oct-23	-	ADB	NCB	NCB	On-going Contract
7	CFAVC-MOWRAM-KPT-CW12.2A	The Rehabilitation of Trapeang Boeung Reservoir Irrigation Subproject in Kampot Province	2,011,961.00	2,519,988.18	09-Oct-23	-	ADB	NCB	NCB	On going contract
8	CFAVC-MOWRAM-KPT-CW12.2B	The Rehabilitation of Two (2) Schemes (Kandal Irrigation System and Prawoek Pong Reservoir) Irrigation Subprojects in Kampot Province	2,148,936.78	2,667,165.77	09-Oct-23	-	ADB	NCB	NCB	On going contract
9	CFAVC-MOWRAM-TEO-CW15.2	The Rehabilitation of Three (3) Schemes (Kwaeng Tayi, Plov Touk & Chrouk 1, and Prey Rumdeng Feeding Canal) Irrigation Subprojects in Takeo Province	2,867,160	2,458,543.73	09-Oct-23		ADB	NCB	NCB	On going contract
10	CFAVC-MOWRAM-TEO-CW15.3	The Rehabilitation of Two (2) Schemes (Pralay 42 and Pralay 95) Irrigations Subprojects in Takeo Province	2339235.15	2,331,210.89	09-Oct-23		ADB	NCB	NCB	On Going Contract
11	CFAVC-RWHP-KAM-CW01-A.1	The Construction and Rehabilitation of 80 Rain Water Harvesting Ponds (RWHPs) in Kampot Province	1,052,264	1,159,762.42	22-Aug-23		ADB	NCB	NCB	On Going Contract
12	CFAVC-RWHP-TBM-CW01-B.1	The Construction and Rehabilitation of 63 Rain Water Harvesting Ponds (RWHPs) in Tbong Khmum Province	1,372,555	1,324,598.16	01-Nov-23		ADB	NCB	NCB	On Going Contract
13	CFAVC-RWHP-KPC-CW01-C.1	The Construction and Rehabilitation of 66 Rain Water Harvesting Ponds (RWHPs) in Kampong Cham Province	984,278	1,026,789.89			ADB			
14	CFAVC-RWHP-TEO-CW01-D.1	The Construction and Rehabilitation of 69 Rain Water Harvesting Ponds (RWHPs) in Takeo Province	1,310,336	1,264,292.58			ADB			



15	Lot1: CW7/CFAVC/MAFF/2021/01	The Construction of Mechanization Engineering Workshop-PDAFF-TBK	60,154.96	62,176.87	16-Aug-21	15-Nov-21	ADB	NCB	NCB	Completed
16	Lot2: CW7/CFAVC/MAFF/2021/02	The Construction of Mechanization Engineering Workshop-PDAFF-TBK	60154.96	62176.87	16-Aug-21	15-Nov-21	ADB	NCB	NCB	Completed
17	Lot3: CW7/CFAVC/MAFF/2021/03	The Construction of Mechanization Engineering Workshop-PDAFF-KCM	60154.96	62176.87	16-Aug-21	15-Nov-21	ADB	NCB	NCB	Completed
18	Lot1: CW4/CFAVC/MAFF/2021/08	The Construction of Training Building-PADC & Equipment-TAK	81,239.81	94290.68	16-Aug-21	15-Nov-21	ADB	NCB	NCB	Completed
19	Lot2: CW4/CFAVC/MAFF/2021/09	The Construction of Training Building-PADC & Equipment-TBK	81,239.81	92954.64	16-Aug-21	15-Nov-21	ADB	NCB	NCB	Completed
20	Lot3: CW4/CFAVC/MAFF/2021/10	The Construction of Training Building-PADC & Equipment-KCM	81,239.81	95186.61	16-Aug-21	15-Nov-21	ADB	NCB	NCB	Completed
21	Lot1: CW3a/CFAVC/MAFF/2021/04	The Construction of Rice Seed Storage & Grain Storage-PDAFF-KPT	404,007.00	366,834.92	9-Sept-21	08-Dec-21	ADB	NCB	NCB	Completed
22	Lot2: CW3a/CFAVC/MAFF/2021/05	The Construction of Rice Seed Storage & Grain Storage-PDAFF-TAK	387,704.52	352,019.30	9-Sept-21	08-Dec-21	ADB	NCB	NCB	Completed
23	Lot3: CW3a/CFAVC/MAFF/2021/06	The Construction of Rice Seed Storage & Grain Storage-PDAFF-KCM	451,837.35	412,637.88	9-Sept-21	08-Dec-21	ADB	NCB	NCB	Completed
24	Lot4: CW3a/CFAVC/MAFF/2021/07	The Construction of Rice Seed Storage & Grain Storage-PDAFF-TBK	499,667.70	458,440.83	9-Sept-21	08-Dec-21	ADB	NCB	NCB	Completed
25	CW17b-CFAVC-MRD-TK3-2020	Lot 1, Improve 1 Road, 10.00 Km, (Takeo)	1,420,261.51	1,243,719.86	18-Jan-22	22-07-2023	ADB	NCB	NCB	On going contract
26	CW17b-CFAVC-MRD-TK4-2020	Lot 2, Improve 1 Road, 4.6700 Km, (Takeo)	907,354.22	879,298.64	18-Jan-22	22-07-2023	ADB	NCB	NCB	On going contract
27	CW17c-CFAVC-MRD-TBK5-2020	Lot 1, Improve 1 Road, 9.774km (Tboung Khmum)	1,512,021.45	1,239,711.20	17-May-22	17-11-2023	ADB	NCB	NCB	On going contract
28	CW17c-CFAVC-MRD-TBK6-2020	Lot 2, Improve 1 Road, 12.00km (Tboung Khmum)	1,685,110.88	1,444,588.37	17-May-22	17-11-2023	ADB	NCB	NCB	On going contract
29	CW17d-CFAVC-MRD-KC7-2020	Lot 1, Improve 1 Road, 9.882km (Kampong Cham)	1,280,831.31	1,103,011.81	09-May-22	17-04-2024	ADB	NCB	NCB	On going contract
30	CW17d-CFAVC-MRD-KC8-2020	Lot 2, Improve 1 Road, 4.721km (Kampong Cham)	736,328.11	611,183.48	09-May-22	17-04-2024	ADB	NCB	NCB	On going contract
31	CW17a-CFAVC-MRD-KP1-2020	Lot 1, Improve 1 Road, 11,948.05m (Kampot)	1,488,481.62	1,266,929.22	29-Jun-22	26-03-2024	ADB	NCB	NCB	On going contract
32	CW17a-CFAVC-MRD-KP2-2020	Lot 2, Improve 1 Road, 8,104.00m (Kampot)	1,046,898.43	877,375.76	29-Jun-22	26-03-2024	ADB	NCB	NCB	On going contract
33	CW17b-CFAVC-MRD-TK-1A-Batch 2	Lot 1, Improvement of 13.976 km (Takeo)	2,153,628.3	1,836,447.70	03-Feb-23	22-01-2025	ADB	NCB	NCB	On going contract
34	CW17b-CFAVC-MRD-TK-2A-Batch 2	Lot 2, Improvement of 12.761 km (Takeo)	1,940,547.87	1,880,287.46	03-Feb-23	22-01-2025	ADB	NCB	NCB	On going contract
35	CW17a-CFAVC-MRD-KP-1A-Batch 2	Lot 1, Improvement of 12.963 km (Kampot)	2,293,416.51	1,999,673.93	16-Jun-23	10-04-2025	ADB	NCB	NCB	On going contract
36	CW17a-CFAVC-MRD-KP-2A-Batch 2	Lot 2, Improvement of 9.098 km (Kampot)	1,454,917.97	1,273,595.30	16-Jun-23	10-04-2025	ADB	NCB	NCB	On going contract
37	CW17d-CFAVC-MRD-KC-1A-Batch 2	Lot 1, Improvement of 9.425 km (Kampong Cham)	1,496,416.3	1,362,724.53	16-Jun-23	30-05-2025	ADB	NCB	NCB	On going contract

38	CW17d-CFAVC-MRD-KC-2A-Batch 2	Lot 2, Improvement of 12.460 km (Kampong Cham)	2,284,981.44	1,985,570.95	16-Jun-23	30-05-2025	ADB	NCB	NCB	On going contract
39	CW17c-CFAVC-MRD-TBK-1A-Batch 2	Lot 1, Improvement of 16,370 (Tboung Khmum)	2306669.43	2,237,647.08	22-Sep-23		ADB	NCB	NCB	Pending DRP
40	CW17c-CFAVC-MRD-TBK-2A-Batch 2	Lot 2, Improvement of 12.891 km (Tboung Khmum)	2399346.74	2,106,016.03	22-Sep-23		ADB	NCB	NCB	Pending DRP
<b>Goods</b>										
41	G6/GD-001/MAFF/ 2019	The Supply of 47 Motorcycles for CFAVC	96,242.00	78,114.00	23-Jan-19	12-Feb-19	ADB	Shopping with Ads	Shopping with Ads	Completed
42	G5/GD-002/CFAVC/ MAFF/2019	The Supply of 15 Pick-up Trucks for CFAVC	995,532.00	419,250.00	27-Feb-19	22-May-19	ADB	NCB	NCB	Completed
43	G-12/GD003/ CFAVC/MAFF/2019	The Supply Office Appliance	11,600.00	11,240.00	15-Nov-19	29-Nov-19	ADB	Shopping with Ads	Shopping with Ads	Completed
44	G11/GD-004/ CFAVC/MAFF/2019	The Supply of Office Furniture	61,970.00	61,731.00	18-Dec-19	17-Jan-20	ADB	Shopping with Ads	Shopping with Ads	Completed
45	G10/GD-005/ CFAVC/MAFF/2019	The Supply Office Equipment	123,400.00	123,447.00	25-Dec-19	07-Feb-20	ADB	NCB	NCB	Completed
46	G13/GD-001/ CFAVC/MAFF/2020	The Supply of 05 Units Pick-up Truck for PMU/ MAFF	150,003.00	137,500.00	07-Feb-20	01-Jun-20	ADB	NCB	NCB	Completed
47	001/GD/2020/ CFAVC/MAFF	The Supply of Office Stationery for PMU	6,000.00	4,950.60	04-Sept-20	11-Sept-20	ADB	Shopping with Ads	Shopping with Ads	Completed
48	002/GD/2020/ CFAVC/MAFF	The Supply and Installation Wheel Tyre for 5 Pick-up Mazda	4,000.00	3,560.00	11-Sept-20	18-Sept-20	ADB	Shopping with Ads	Shopping with Ads	Completed
49	G14/GD-001/CFAVC	The supply & Delivery of 02 units of Pickup Trucks	80,000.00	55,200.00	21-Feb-22	30-Mar-22	ADB	Shopping with Ads	Shopping with Ads	Completed
50	G15/GD-002/CFAVC	The supply & Delivery of 16 units of Motorcycles	35,200.00	27,163.00	17-Feb-22	16-Mar-22	ADB	Shopping with Ads	Shopping with Ads	Completed
<b>Consultant Services</b>										
51	SER-001/2019	Project Implementation Consultant (PIC) - Package CS1 Consultant Service	4,379,920.00		16-Sept-19	30-Sept-24		QCBS	QCBS	
52	SER-002/2019	Capacity Building and Climate Smart Agriculture consulting firm - Package CS2 Consultant Service	3,478,429.00		23-Sept-19	31-Jul-24		QCBS	QCBS	
53	SER-003/2019	Feasibility Studies and Detailed Engineering Design consulting firm – Package CS5 Consultant Service	2,622,704.00		01-Nov-19	30-Sept-24		QCBS	QCBS	
54	SER-004/2021	Information and Communication Technology (ICT) Platform for Climate Risk Management in Agribusiness Value Chains in Kampong Cham Province	1,737,401.00		06-Jan-23	08-June-25		QCBS	QCBS	

## 2.3 Disbursement

For this reporting period, the project has accumulated disbursement 40.53 million dollars which is equal to 28.7% of total budget as in table 7 below.

Table 7: Summary of Disbursements by source of funds

Sources of Fund	Budget Allocation (USD)	Disbursement (USD)	Percentage (%)
ADB loan (L3661)	90,000,000	36,908,180	41.0%
GCF loan (L8346)	10,000,000	2,837,796	28.4%
GCF Grant (G0579)	30,000,000	9,476,538	31.6%
RGC	7,376,000	1,029,268	14.0%
Beneficiaries	3,664,000	-	-
<b>Overall Total</b>	<b>141,040,000</b>	<b>50,251,782</b>	<b>35.6%</b>

## 2.4 Re-allocation (if applicable)

There is no budget reallocation for this reporting period. After the ADB Mid-term Review Mission period, PMU is preparing the budget reallocation.

## 3. PROJECT PERFORMANCE

### 3.1 Scope of the Project

The scope of the project has kept the same as the original version in PAM as below.

The Climate-Friendly Agribusiness Value Chains Sector Project will support the implementation of the government's Agriculture Sector Strategic Development Plan, 2014–2018 and the Industrial Development Policy, 2015–2025 aimed at improving the competitiveness of agricultural value chains in Kampong Cham and Tboung Khmum provinces along the Greater Mekong Sub-region (GMS) southern economic corridor, and Kampot and Takeo provinces along the south-coastal economic corridor. The project will boost the climate resilience of critical agricultural infrastructure and help commercialize rice, maize, cassava, and mango production. It will help increase crop productivity and diversification; improve the capacity for storage, processing, and quality and safety testing; and promote the use of solar and bioenergy. It will strengthen the technical and institutional capacity for climate-smart agriculture (CSA) and create an enabling policy environment for climate-friendly agribusinesses. This will in turn promote long- term environmental sustainability and enhance the profitability for farmers and agribusinesses.

### Impact and Outcome:

The project is aligned with the following impact: agricultural competitiveness improved. The impact is reflected in enhanced productivity, climate resilience, quality and safety, value addition and rural household incomes. The project will have the following outcome: productive and resource efficient agribusiness value chains developed in the project areas.

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), water management infrastructure (800 rainwater harvest ponds) to climate-resilient condition, and 15 drip irrigation demonstration units.

- 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).

### **3.2 Assessment on Likelihood of Achieving Project Objectives and Outcomes**

As of this quarter, the project has consumed (time elapsed) **70%** (67 out of 95 months), overall disbursement is **35.6%**, and expenditures rate is **31.4%** of the total fund (141.04M\$), and the overall project progress is **63.52%**.

The project is on-track. The Objectives and Outcomes of the project are likely to be achieved as shown in appendix 6 (Performance Against DMF).

ADB Mid-term Review Mission has been conducted from 25 September to 6 October 2023. The progress of MOU's agreed action plan is updated in Appendix 9.

### **3.3 Assessment on Changes of Project Scope (if any major change)**

The original scope of the project is not changed. The key assumptions and risks are kept as the same as stated in PAM.

## **4. IMPLEMENTATION PROGRESS**

### **4.1 Overall Project Progress**

The overall project is currently rated as on-track and continues to make good progress with a total of **40 civil work contracts**, **4 consulting service contracts** and **10 good contracts** were awarded.

As of this quarter, the project has consumed (time elapsed) **70%** (67 out of 95 months), overall disbursement is **35.6%**, and expenditures rate is **31.4%** of the total fund (141.04M\$), and the overall project progress is **63.52%**.

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

#### 4.1.1 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 activity and sub-activities:

##### Activity 1.1. Rehabilitating water management infrastructure:

Sub-activities	Progress	Remarks
27 Irrigation and water management systems rehabilitated and made climate-friendly	<ul style="list-style-type: none"> <li>○ All 27 schemes completed DED (14,672 Ha)</li> <li>○ Complete DDR report 19 Schemes 70% and received NOL 13 schemes 48%, received last comment from ADB 2 schemes (Package CW13.2) resubmit Version 3 CW15.2 and ongoing reviewed CW12.2A</li> <li>○ 4 Schemes ongoing construct (65 % of overall CW works)</li> <li>○ Completed construction (100%) 9 schemes= 3,250Ha</li> </ul> <p>Total 27 schemes 15000 ha,</p>	
500 On-farm rainwater harvesting ponds commissioned	<ul style="list-style-type: none"> <li>○ 500 completed DED and are in the stage of the procurement process</li> <li>○ Completed draft DDR at 140 RWHPs in Batch II of 225 locations 70%</li> <li>○ Kampt 80 RWHPs in Batch I has already awarded contract and completed 56 of 80 RWHPs, 25% placing plastic</li> <li>○ Tbongkhum 63 is ongoing construction and completed 30 of 63 RWHPs</li> <li>○ Kampong Cham just starting in July 2024</li> </ul> <p>Total: 500</p>	
15 drip irrigation demonstration units on mango farmers' land	<ul style="list-style-type: none"> <li>○ 15 farms have been reconfirmed and replacement of old selected beneficiaries.</li> <li>○ 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.</li> <li>○ 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.</li> <li>○ We have done the BoQ estimation for each drip irrigation and solar pump.</li> <li>○ The last DoEA representative made a proposal for demonstration site arrangement on drip irrigation system installation with the solar</li> </ul>	It is in the stage of procurement process.

	<p>pump to PMU and PMU's procurement guide to access with ADB forward implementation in the field.</p> <ul style="list-style-type: none"> <li>○ National team of CS2 was submitted technical of specification of drip irrigation to the PMU.</li> </ul>	
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### Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

Sub-activities	Progress	Remarks
80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	<ul style="list-style-type: none"> <li>○ 80 ACs Completed construction 100%</li> <li>○ Total 80 ACs</li> </ul>	<ul style="list-style-type: none"> <li>○ CS1-MAFF</li> <li>○ PPIUs Continue to follow up on the ACs</li> </ul>
<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"> <li>○ Supported PPIUs to conduct 1 AC board members meeting in Takeo with 50 participants in of which 17 are female to promote RET for agricultural sustainability, better incomes.</li> <li>○ Supported PPIUs to conducted 1 meeting with business owners in Takeo for 30 participants of which 6 are female to promote RET for agricultural sustainability, better incomes.</li> <li>○ Discussed with 40 ACs board members who are interested in investing in solar technologies and identified 10 potential Agribusinesses. Through the design of solar technologies for agribusiness investment options and technical support, PPIUs has identified screened 6 potential agri-business for further finalization (list of potential agri-businesses).</li> <li>○ Prepared Criteria and Guideline to screen potential agribusiness for green finance investment on Renewable Energy Technologies.</li> <li>○ Discussed with PPIUs to provide technical support to PPIUs to screen 18 potential agri-business to finalize commercial for business support including Business Plan and link to project cooperate banks with Green Finance.</li> <li>○ Supported PPIUs to design Solar Technologies for Agribusiness investment options (6 technologies for AC members and business owners to invest for sustainable agriculture incomes.</li> <li>○ Supported AC board members, PADC and MEW</li> </ul>	<ul style="list-style-type: none"> <li>○ Supported PPIUs to conducted agri-business and AC board members meeting with business owner participation, basic technical Operation and Maintenance O&amp;M of warehouse, screen potential agri-business to finalize commercial for business support and link to project cooperate banks with Green Finance, design Solar PV technologies modules.</li> <li>○ Four high potential Solar Technologies companies are introducing to PPIUs and AC members for further discussion.</li> <li>○ Procumbent document has been submitted to PMU for actions.</li> <li>○ Conducted workshop on the Solar Technologies Investment with involvement of technology providers.</li> </ul>

	<p>to set up solar power rooftop signboards for operation and maintenance</p> <ul style="list-style-type: none"> <li>○ Supported PPIUs to select high and trusted Solar Technologies 4 companies for to install RET for agribusinesses and AC members.</li> <li>○ Supported PMU to produce technical specification for procurement process on solar water pump to demonstrate in 15 selected mango farms.</li> <li>○ Conducted workshop on Solar Technologies Investment with involvement of technology providers. The total participants are 86 persons in which 16 are females for innovation and practical of agriculture technical to disseminate RETs for agricultural production, processing and post-harvested handling.</li> <li>○ Conducted training and exchange visits for technologies exploration with potential agribusinesses including financing institutions with total participant of 86 in which 20 are female participants from 4 targeted provinces. The topic focuses on Solar Technology used and exchange visits to explore with potential agribusiness and financial institutions.</li> <li>○ 80 AC Warehouses are completed built with Solar PV installed and able to save 100% energy cost for their daily operation. Provided technical support to 59 ACs board members on operation for signboards and maintenance of solar power rooftop application.</li> <li>○ 3 Provincial Agriculture Development Center (PADC) built with Solar PV installed (3/4 completed built and installed- 75%)</li> <li>○ 3 Mechanization Engineering Workshop- (MEW) built with Solar PV installed (3/4 completed built and installed- 75%)</li> </ul>	<ul style="list-style-type: none"> <li>○ Presented solar technologies for agricultural production, processing and posted-harvest handling.</li> </ul> <p>Three potential solar technologies providers were invited to display their products and introduced their products, installation and services.</p>
<p>Equipment and materials for 15 Drip Irrigation Systems (includes tube wells/water source connection, solar pumps, and other agricultural inputs e.g. training)</p>	<ul style="list-style-type: none"> <li>○ Design a proper solar technology package for the implementing agency for further discussion.</li> </ul> <p>Technical specification and bill of quantity of equipment and materials for 15 Drip Irrigation Systems was prepared by involving with MAFF-PMU. IA-GDA, DTL and other relevant consultants.</p>	<p>Installation of equipment and tools are included.</p>

-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"> <li>○ Ongoing progress</li> </ul>	Installation of equipment and tools are included.
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**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"> <li>○ <b>Batch I-</b> (71 Km) with a total of 8 contracts               <ul style="list-style-type: none"> <li>▪ 2 contracts for Takeo are 100% completed</li> <li>• 2 contracts for Kampot 100% completed</li> <li>• 2 contracts for Kampong Cham 100% completed</li> <li>• 2 contracts Tboung Khmum 100% completed</li> </ul> </li> <li>○ <b>Batch II-</b> (100.12Km) with a total of 8 contracts signed.               <ul style="list-style-type: none"> <li>▪ 2 contracts for Kampot have been signed on 16 June 2023, the construction progress is 87.29%.</li> <li>▪ 2 contracts for Takeo have been signed on 3 February 2023, the construction progress is 80.24%.</li> <li>▪ 2 contracts for Kampong Cham have been signed on 16 June 2023, the construction progress is 49.30%.</li> <li>▪ 2 contracts for Tbong Khmum have been signed on 22 September 23, the construction is started on 01 July 2024.</li> </ul> </li> <li>○ <b>Batch III-</b> (100.72Km) to be procured 81.36 km DED completed               <ul style="list-style-type: none"> <li>▪ 1 package for Tboung Khmum have been signed on 08 May 2024, the construction is started on 01 July 2024.</li> <li>▪ 1 package for Kampong Cham have been advertised and being bid evaluation</li> <li>▪ 1 package for Kampot have been advertised and being bid evaluation</li> </ul> </li> </ul> <p><b>Total planned 271.95 Km</b></p>	Due to budget limit, this activity will procure only 250km

**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"> <li>○ Lab renovation: Daily operation by NAL.</li> <li>○ Net-house: stilled waiting water supply connection by KASEGRO company.</li> <li>○ The first batch of equipment is processed by procurement of PMU.</li> <li>○ The list of consumable materials and reagents for quality testing of biofertilizer and organic fertilizer is submitted to PMU and waiting for approval.</li> </ul>	<ul style="list-style-type: none"> <li>○ Net House: KASEGRO company waiting connection of water supply from state, spray water to control the temperature inside the Net house room, light front of</li> </ul>



		<p>room, roof net, two exhaust fans to complete the contract.</p> <ul style="list-style-type: none"> <li>○ The procurement process has been completed, and the service provider will prepare all list of equipment on ship, then install them after lab renovation.</li> </ul>
Establishing genetically modified organisms (GMO) and Phytotoxin	<ul style="list-style-type: none"> <li>○ Continue preparing the list of strip test kit for the GMO and phytotoxin.</li> <li>○ Continue to prepare SOP of GMO sampling for NAL.</li> <li>○ Continue to prepare SOP of GMO detection by protein based for NAL.</li> <li>○ Continue to prepare SOP of GMO detection by DNA based for NAL.</li> <li>○ Continue revise the list of strip test kit for GMO and phytotoxin</li> <li>○ Conducted of Technical training on GMO and Phytotoxin Analysis, 1 course total participant of 13 people and 9 people as females (AWPB2023).</li> <li>○ Revised the list of strip test kit for GMO and phytotoxin.</li> </ul>	<ul style="list-style-type: none"> <li>○ Genetically Modified (GM) Crops: GM crops benefit from a Reduction in Greenhouse Gas Emissions, an Increase in Crop Yield in Value chain production, Adaptation to Climate Change and a Reduction in Deforestation.</li> </ul>
supporting ISO 17025 accreditation	<ul style="list-style-type: none"> <li>○ Endorsed the ISO 17025 accreditation guideline by IA-GDA, relevant stakeholders and preparing the publication of ISO 17025 guideline after the endorsement.</li> <li>○ Dissemination workshop on ISO 17025 Accreditation Guideline for 1 course total participant of 36 persons and 8 persons as females.</li> <li>○ Draft document for Laboratory Management System Manual supporting ISO 17025 Accreditation Guideline.</li> <li>○ Conducting TWG meeting on ISO 17025 accreditation guideline, 4 courses total participant of 108 persons and 37 persons as females.</li> <li>○ Conducted Consultative workshop on ISO 17025 Accreditation Guidelines (7<sup>th</sup> Version), 3 course total participant of 89 persons and 25 persons as females.</li> <li>○ Science, Technology and Innovation (MISTI)</li> <li>○ Preparing a document for assessing laboratory to meet ISO 17025 criteria</li> <li>○ Meeting with NAL staff for getting understand their laboratory situation and assess to their understanding of ISO 17025</li> <li>○ Joining workshop with specialist from Department of Accreditation (DA) which prepared by Royal University of Agriculture (RUA) to get more input for ISO 17025</li> </ul>	<p>The ISO 17025 Accreditation guideline was endorsed and waiting for publication.</p>

	<ul style="list-style-type: none"> <li>○ application</li> <li>○ Preparing PPT file in Khmer language for consultative workshop on ISO 17025 guideline</li> <li>○ Conducting TWG meeting on guideline for ISO 17025 application</li> <li>○ Collecting material for Document and Record Management for Laboratory</li> <li>○ Preparing template for general SOP which is example for NAL</li> <li>○ Drafting the example list for Laboratory System Management Document for ISO 17025 accreditation laboratory (NAL case).</li> </ul>	
Plant tissue culture (developing tissue culture protocols for bananas and cassava)	<ul style="list-style-type: none"> <li>○ Endorsed the “Cassava plant tissue culture” manual by IA-GDA, relevant stakeholders and preparing the publication the cassava tissue culture guideline after the endorsement.</li> <li>○ Dissemination workshop on Plant tissue culture development of manual, 1 course total participant of 36 persons and 14 persons as females.</li> <li>○ Conducted technical training (for NAL) on cassava plant tissue culture for 19 course total participant 228 and 171 as females.</li> <li>○ Finished the revision of the final draft of “Cassava plant tissue culture” manual.</li> <li>○ Conducted consultative workshop on “Cassava plant tissue culture manual” development for 4 courses with 125 participants (44 women).</li> <li>○ Conducted TWG meeting on “Cassava plant tissue culture” manual for 4 meeting with 87 participants (43 women).</li> <li>○ Conducted Consultative workshop on development of Cassava plant tissue culture manual, 4 courses total participant of 103 people and 41 people are females.</li> <li>○ Develop training flip chart on “Cassava plant material collection for multiplication via tissue culture”.</li> <li>○ Conducted of Field Sampling for Plant Tissue Culture (Cassava, Banana and ornamental plant) to Kampong Cham, Tboung Khmum, Takeo and Kampot Province, 2 courses total participant of 22 people and 16 people as females.</li> <li>○ Conducted of Oversea Training on Plant Tissue Culture, for 1 course total participant of 4 person and 4 persons as females.</li> </ul>	The cassava tissue culture guideline was endorsed and waiting for publication.
Assisting the laboratory commercialization process	<ul style="list-style-type: none"> <li>● Completed two trainings on laboratory commercialization and service marketing for PDAFF and ACs from Kampong Cham, Tboung Khmum, Takeo and Kampot provinces at Kampong Cham and Kampot (a total of 62 participants joining the training, of whom 12 were women).</li> <li>● Finalized the assessment of analysis/testing capacities of other laboratories in Cambodia.</li> <li>● Held Discussion with NAL’s coordinator and tissue culture development specialist to determine primarily the price of rooting-plantlets of cassava.</li> <li>● Completed reviewing related documents on</li> </ul>	

	<p>Seed Policy for Cambodia (Adopted in December 2016), Law on Biosafety in Cambodia (enacted by parliament on December 18, 2007), and The Enacted Law on Seed Management and Plant Breeder's Rights (adopted by the parliament on April 08, 2008).</p> <ul style="list-style-type: none"> <li>Continuing review on related documents, including "The legal framework on modern biotechnology developed by Codex Alimentarius Commission- FAO/WHO intergovernmental body", "The Biosafety Regulations for GMO Crop in Asia-Pacific", and "The Guideline and SOPs for GMO Field Trial and Safety Assessment".</li> </ul>	
Supply analytical testing equipment	Bid Evaluation Report (BER) for previous NCB equipment, ongoing	I am waiting for the procurement update.
Bio-fertilizer / Organic fertilizer (Pesticide residue rapid test kits for field testing and desktop testing equipment for plant toxins will also be supplied)	<p><b><u>Technical training to NAL staff and PDAFF staff</u></b></p> <ul style="list-style-type: none"> <li>Endorsed the "SOP for organic and bio fertilizer Quality Testing Manual" by IA-GDA, relevant stakeholders and preparing the publication the cassava tissue culture guideline after the endorsement.</li> <li>Technical training on Biofertilizer/pesticide for 11 training with 187 participants (98 women).</li> <li>Prepare the training posters on sampling and handling techniques of biofertilizer and organic fertilizer for quality testing in lab to PPIU staffs</li> <li>Refresh training to PPIU TK and KPT on the procedure for sampling and preparation of organic fertilizer and biofertilizer</li> </ul> <p><u>Develop manual:</u></p> <ul style="list-style-type: none"> <li>Dissemination workshop on National Guideline for products of Biofertilizer and Organic Fertilizer and Bio-Pesticide at provincial level for Takeo and Kampot for 1 course, total participant 39 people and 17 females.</li> <li>Dissemination workshop on National Guideline for products of Biofertilizer and Organic Fertilizer and Bio-Pesticide at provincial level for Kampong Cham and Tboung Khmum, 1-course total participant of 39 people and 17 people as females.</li> <li>Dissemination workshop on National Guideline for products of Biofertilizer and Organic Fertilizer and Bio-Pesticide at national level, for 1-course total participant of 37 people and 14 people as females.</li> <li>Conducted dissemination workshop on SOP for organic fertilizer Quality Testing Manual, 1-course total participant of 28 people and 9 people as females.</li> <li>Conducted dissemination workshop on SOP for Biofertilizer Quality Testing Manual, 1-courses total participant of 36 people and 11 people as females.</li> <li>Conducted TWG meeting on the development</li> </ul>	The SOP for organic and bio fertilizer Quality Testing Manual was endorsed and waiting for publication.

	<p>of SOP for Organic fertilizer quality Testing, 6-course total participant of 153 people and 62 people as females.</p> <ul style="list-style-type: none"> <li>○ Conducted Consultative workshop on SOP for Biofertilizer Quality Testing Manual, 3-courses total participant of 92 people and 28 people as females.</li> <li>○ Conducted Consultative workshop on SOP for Biofertilizer Quality Testing Manual, 2-courses total participant of 57 people and 16 people as females.</li> <li>○ Developed draft manual on SOP for quality testing of organic fertilizer: completed (8th revision)</li> </ul>	
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**Activity 1.5 Promoting renewable energy (bio-digesters and use of solar energy in target cooperative areas) for value chain improvement**

<b>Sub-activities</b>	<b>Progress</b>	<b>Remarks</b>
6,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	<p><u>Bio-digester:</u></p> <ul style="list-style-type: none"> <li>○ Construction: not yet started (BER ongoing)</li> <li>○ 42,314 farmers (female =20,052 (47%) as compare with the DMF=105.78%) have been trained and received information about Biodigester in Training &amp; Capacity Building, Promotion &amp; Marketing, Monitoring &amp; Evaluation and Innovation &amp; Value Chain Improvement activities.</li> <li>○ The project identified 4,156 farmers of which 2,087 farmers are female for the potential to build the Biodigester.</li> <li>○ The key farmer who has intended to buy ongoing 18% (1078 HHs)</li> <li>○ The key farmer who has an interest: ongoing 9.96% (598 HHs).</li> <li>○ Research, development, pilot, and use of the biodigester:</li> <li>○ 179 biodigesters construction completed and functioning with (716 beneficiaries (430 Female).</li> </ul>	<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.</p>
6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	<p><u>Compost-hut:</u></p> <ul style="list-style-type: none"> <li>○ Construction: not yet started (BER ongoing)</li> <li>○ 42,314 farmers (female =20,052 (47%) as compare with the DMF=105.78%) have been trained and received information about Biodigester in Training &amp; Capacity Building, Promotion &amp; Marketing, Monitoring &amp; Evaluation and Innovation &amp; Value Chain Improvement activities.</li> <li>○ The project identified 4,156 farmers of which 2,087 farmers are female for the potential to build the Biodigester.</li> <li>○ The key farmer who has intended to buy ongoing 18% (1078 HHs)</li> <li>○ The key farmer who has an interest: ongoing 9.96% (598 HHs).</li> <li>○ Research, development, pilot, and use of the biodigester:</li> <li>○ 179 biodigesters construction completed and</li> </ul>	<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</p>

	<p>functioning with (716 beneficiaries (430 Female).</p> <ul style="list-style-type: none"> <li>○ Support input for integrated farming demonstrations: <p>90 demonstrations and training were completed with 284 participants (170F)</p> <li>○ 89 demonstration farmers and training have not yet started</li> </li></ul>	<p>contribution by the project for biodigesters and compost huts.</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"> <li>○ Policy on Biodigester Development in Cambodia 2021-2030, issued on 26 October 2021 by MAFF.</li> <li>○ Draft Cambodian Domestic Biodigester Standard for Farmer's Friend Biodigester.</li> </ul>	

#### 4.1.2 Output 2: Climate Smart Agriculture and Agribusiness Promoted.

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

##### Activity 2.1 Deploying climate-resilient varieties

Sub-activities	Progress	Remarks
<p>3 Additional climate-resilient varieties of rice and maize released</p>	<ul style="list-style-type: none"> <li>▪ One variety named <b>Phka Rumduol</b> 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"> <li>- Tolerance biotic stress: Submergence 13days</li> <li>- Resistance biotic stress: Brown Plant Hopper susceptible</li> </ul> </li> <li>○ The Rice seed Variety named <b>CAR-16</b> has been released in 2016 before the project started and the CARDI facilitated to conduct demonstration to disseminate in targeted provinces. <ul style="list-style-type: none"> <li>- Tolerance biotic stress: Heat tolerance</li> <li>- Resistant to blast disease.</li> <li>- Potential characteristics: Early rice variety</li> </ul> </li> <li>○ Rice seed varieties, named <b>Phka Mealdey</b> (PMD) was release in 2018 during the project start the early stage. <ul style="list-style-type: none"> <li>- Tolerance biotic stress: Drought submergence and lodging tolerance</li> <li>- Potential characteristics: Medium maturity</li> </ul> </li> <li>○ The new variety of <b>Champeisar70</b> are released in 2023 for farmers' demonstration in CFAVC Project (Foundation seed from CARDI) <ul style="list-style-type: none"> <li>- Potential characteristics: It is a light and fragrant rice variety that can have a high market price, early rice variety and aromatic.</li> <li>- Resistance biotic stress: Brown Plant Hopper (BPH) and Blast resistance</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Rice Seed released:</li> <li>○ 1) CAR16: released 2016</li> <li>○ 2) PHKA RUMDUOL released 1999</li> <li>○ 3) PHKA MEALDEY released 2018</li> <li>○ 4) Champeisar 70 released 2023</li> <li>○ Maize seed released</li> <li>○ 1) CM1 released 2015 (from CARDI)</li> <li>○ 2) CHM01 released 2020 (from GDA)</li> </ul>

	<p>Currently, CARDI is developing rice varieties for high yield, good grain quality and resilience to climate change. The series of activities includes, advancing generation in CARDI and multi-location trials in collaboration with PDAFF staff.</p> <ul style="list-style-type: none"> <li>○ Maize variety named <b>CM1</b> was selected from Germplasm 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.</li> <li>○ Maize variety named <b>CHM01</b> was released in 2020 (seed from Banteaydek station, GDA). The CHM01 seed has potential characteristics such as: <ul style="list-style-type: none"> <li>- Highly resistant to Downy Mildew</li> <li>- Early maturity (100 days to 105days harvestable)</li> </ul> </li> <li>○ CARDI provided 98 training of farmers group on best management practice (BMP) on rice, cassava, and maize and Rice seed production Technique and follow up (RSPT/FU).</li> <li>○ Total training=2600 /1260(f)=48%</li> <li>○ 2022 training=1300/609f</li> <li>○ 2023 progressed until end of Dec</li> <li>○ 40 BMP training =1000/506Females</li> <li>○ 12 RSPT training=300/145Females</li> <li>○ The result progress of on-farm rice seed production demonstration, Total participants=93/28f</li> <li>○ National reflection workshop on result progress of on-farm cassava seed production demonstration, Total participants=93/28f</li> <li>○ National reflection workshop on result progress of on-farm maize seed production demonstration, Total participants=93/28f</li> <li>○ Technical training on farm rice seed demonstration production to PDAFF staff by CARDI, Total participants=16/7f</li> </ul> <p>During the reporting period, CARDI provided BMP training to Agriculture Cooperative members=200 (86f) that from.</p> <ul style="list-style-type: none"> <li>- TAK=50/17f</li> <li>- KPT=50/30f</li> <li>- KCM=50/29f</li> <li>- TBK=50/10</li> </ul>	
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	<ul style="list-style-type: none"> <li>○ During the reporting period, CARDI provided BMP training to Agriculture Cooperative members=150 (69f)</li> <li>○ Training course on rice seed production technology and follow up to farmer group=100(45f)</li> <li>○ Training of farmers on clean seed cassava production using rapid multiplication method=100(41f)</li> <li>○</li> </ul>	
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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"> <li>● <b>20,481</b> farmers of which <b>9,382</b> were female (<b>46%</b>) trained on CSA, SRP, CamGAP, ACs business development plan (for ACs boards) landscape restoration (farm mechanization), dissemination workshop, best management practice and rice seed production techniques and follow up. The accumulate progress of Farmers trained in Climate-smart Agriculture and agribusiness development skills are:</li> <li>● The training of farmers on Climate Smart Agriculture (CSA) was trained 4,635 persons of which 2,517 are females (54%).</li> <li>● The training of farmer on Sustainable Rice Production (SRP) was trained 6,532 of which 3,844 are females (59%).</li> <li>● 4 training of farmers, ACs and farmer group for Contract farming. Total participants 100, female 40, equal to 24%.</li> <li>● The training of farmer on ACs boards on ACs business development was trained 2,807 of which 782 are females (28%).</li> <li>● The training of farmers on CamGAP was trained 823 farmers of which 336 are females (41%).</li> <li>● Training of farmers on landscape restoration (farm mechanization) was trained 2,299 farmers of which 651 are females (28%).</li> <li>● The workshop on contract farming and dissemination on procedure for seed registration and certification, quality declare seed and seed law and regulation was trained 796 persons of which 193 are females (24%).</li> <li>● The training of farmers of best management practice (BMP) was trained 1,200 farmers of which 611 are females (51%).</li> <li>● The training of farmers on rice seed production techniques and follow up was trained 500 farmers of which 231 are females (46%).</li> <li>● National training and exchange visit on extension of adaptation techniques to climate change. Total 152/45F.</li> <li>● National training and exchange visit on</li> </ul>	<p><b>Previous number:</b></p> <ul style="list-style-type: none"> <li>● <b>18,508</b> farmers of which <b>8,431</b> were female (46%)</li> </ul> <p><b>New Added:</b></p> <ul style="list-style-type: none"> <li>● 27 training of farmers on climate smart agriculture (CSA) for rice, cassava, maize. Total participants 810, female 424, equal to 52%.</li> <li>● 21 training of farmers on sustainable rice production (SRP). Total participants 630, female 348, equal to 55%.</li> <li>● 4 training of farmers, ACs and farmer group for Contract farming. Total participants 100, female 40, equal to 24%.</li> <li>● Training in AC boards on bookkeeping. Total</li> </ul>

	<p>extension for innovation and practical of agriculture technical. Total 166/50F.</p> <ul style="list-style-type: none"> <li>• The forums on multilateral matching platform on various condition and workshops on verification workshop on the result of contract farming with a total of 320 participants, 68 females.</li> <li>• The dissemination workshops with stakeholders on Agro-Industrial Development Strategies for climate-friendly agribusiness with a total of 119 participants, 21 females.</li> </ul> <p>○</p>	<p>participants 25, female 4, equal to 16%.</p> <ul style="list-style-type: none"> <li>• 2 training of AC boards on Stock Management for suppliers and Marketing Businesses for ACs. Total participants 50, female 17, equal to 34%.</li> <li>• A training course on units/tools operation and management for ACs boards and members. Total participants 25, female 4, equal to 16%.</li> <li>• A training of farmer on O&amp;M of agricultural machinery. Total participants 25, female 2, equal to 8%.</li> <li>• A training of farmer on agriculture production conservation. Total participants 25, female 5, equal to 29%.</li> <li>• A dissemination workshop on seed law and regulations under seed law. Total participants 41, female 11, equal to 27%.</li> <li>• A dissemination workshop on Quality</li> </ul>
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		<p>Declared Seed System (QDS). Total participants 42, female 10, equal to 24%.</p> <ul style="list-style-type: none"> <li>• 4 training courses on rice seed production technology and follow-up to farmer groups. Total participants 100, female 45, equal to 45%.</li> <li>• 4 training of farmer courses on clean seed cassava production using rapid multiplication method. Total participants 100, female 41, equal to 41%.</li> </ul>
<p>Support laser land leveling up to 3,000 ha (approximately 1,000 ha per province)</p>	<ul style="list-style-type: none"> <li>○ Identified 05 new irrigation schemes for the possibility of laser land levelling in project area 2 schemes in TaKeo, 1 scheme in Kampot, 1 scheme in Tboung Khmum and 1 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.</li> <li>○ Summary progress of paddy selection for land levelling by Jan-Dec 2022.</li> <li>○ Takeo: 125.89Ha with 935HHs(397F)</li> <li>○ Kampot: 67.99Ha with 467HHs(260F)</li> <li>○ KCham:166.40Ha with730HHs(258F)</li> <li>○ TBK: 58.30Ha with 646HHs (302F)</li> </ul> <p>Total: 418.58 Ha with 2,778HHs (1,227F).</p> <p>In this month, 21 irrigation systems (8 from FWUCs and 13 from ACs) were collected data and identified boundary for consider selecting around 2276ha ha for laser land levelling such as.</p> <ul style="list-style-type: none"> <li>• 1954ha data completed in hand (TAK=750.87ha, KPT=236.43ha, KCM=613.67ha and TBK=353.78ha)</li> </ul>	<p>Based on minutes of Meeting with ADB and MAFF-PMU on CS3 Package</p> <ul style="list-style-type: none"> <li>○ Dated: 02 August 2023, through the virtual Zoom Meeting propose to change the procurement procedure from NCB to shopping</li> </ul>

	<ul style="list-style-type: none"> <li>• The planning for next month is 322 ha ongoing data for FWUC/ACs (TAK=0ha, KPT=240ha, KCM=82ha and TBK=0ha).</li> <li>•</li> </ul>	
<p>Conduct “learning by doing” training by demonstrating and training in farmer fields in specific locations with three sites in each province</p>	<ul style="list-style-type: none"> <li>• Rice seed demonstration production (2020-2023)</li> <li>• Name of seed: PRD, PMD and CAR16 and Champeisar70 (Foundation seed from CARDI)</li> <li>• Seed distribution to key farmers (Foundation seed from CARDI) =5,060kg:</li> <li>• Surface: 95.54ha</li> <li>• Farmers demo:31 1p/145f</li> <li>• Average yield 3.98T/ha</li> <li>• Number seed produced: 262.497kg</li> <li>• Number seed multiplication to communities: 94.682kg (for all target provinces) <ul style="list-style-type: none"> <li>▪ 2023 seed distribution until Sept =1,790kg (PRD=1,420kg, PMD=120kg, CAR16=80kg and Champeisar70=170kg)</li> </ul> </li> <li>• Surface=35.46ha</li> <li>• Key farmer demos=93/48f</li> <li>• Sown=93</li> <li>• Transplanting =93</li> <li>• Harvested=92 demos</li> <li>• Seed multiplication to communities=25,107kg (PRD=14960kg, PMD=4467kg, CAR16= 2800kg and Champeisar70=2880kg)</li> <li>• Selected key farmers for rice seed demonstration production (2024) =73(32f)</li> <li>• Cassava seed demonstration production (2021-2023)</li> <li>• Name of seed: 81, Rayong9, Hauybong60, KU50, (from Chamkaleu station)</li> <li>• Farmers demo52/27f</li> <li>• Surface: 52ha (2020-2023)</li> <li>• Average yield 31.5T/ha (2021-2022)</li> <li>• Number cassava seed multiplication to communities: 10,000 bundles (at least 40ha)</li> <li>• Cassava seed distribution to key farmers=15,600bundles (81=11,250bundles and Rayon9=3000 bundles, KU50=225 bundles and Huybon60=1,125 bundles):</li> <li>• 2020-2022=12,000 bundles</li> <li>• 2023 progress until Sept distribution cassava seed =3600 bundles</li> <li>• Key farmer demos=12/5f</li> <li>• Surface=12ha</li> <li>▪ Harvesting=10 farmers, (lose 2 farmers in</li> </ul>	<p>Notes from the filed demonstration:</p> <ul style="list-style-type: none"> <li>- 81 varieties, have the highest resistance to mosaic disease and high yields, farmers are highly interested.</li> <li>- Rayong-9, varieties are resistant to mosaic disease, moderate and high yielding,</li> <li>- Huay Bong-60, varieties that resist low mosaic disease and high yield.</li> <li>- 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.</li> <li>- Maize crops are more suitable for the dry season than the rainy season, both in terms of growth and yield, short life span, and fruit size, like other varieties, farmers are interested in during the dry season. Challenges: Corn kernels are larger than other varieties</li> </ul>

	<p>Tboung Khmum province)</p> <ul style="list-style-type: none"> <li>▪ Average yield=27446kg/ha</li> <li>▪ Cassava seed multiplication to communities=4870 bundles.</li> </ul> <p>Cassava seed demonstration production (2024)</p> <ul style="list-style-type: none"> <li>▪ Selected key farmers for cassava seed demonstration=15(9f)</li> <li>• Maize seed demonstration production (2022-2023)</li> <li>• Name of seed: CHM01 and CM1 (CHM01 from Banteaydek station/GDA and CM1 seed from CARDI)</li> <li>• Farmers demo55/26f</li> <li>• Surface: 27.5ha</li> <li>• Average yield 5.12T/ha</li> <li>• Many people interesting and need seed (CHM01) distribution to community</li> <li>• 2023 progressed: <ul style="list-style-type: none"> <li>• 19key farmers for maize seed demonstration were selected and planting in Kampot and Kampong Cham provinces</li> <li>• Surface=5ha</li> <li>• 150kg of maize (CHM01 from GDA, Banteaydek station) distribution to key farmers</li> <li>• 10 farmers harvested in KPT</li> </ul> </li> </ul>	and less resistant to some herbicides.
27 FWUCS of FWUGS made full operational	<ul style="list-style-type: none"> <li>○ 17 FWUCs/FWUGs completed 100%.</li> <li>○ 10 FWUCS not yet started (no budget)</li> </ul> <p>Total 27 schemes (500FWUCs)</p>	There is adequate 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	<ul style="list-style-type: none"> <li>○ 369 FWUCs representatives of out 500 FWUCs have been trained 162 courses provided to 6,299 FWUCs/ FWUGs representatives and local authorities of whom 1,737 were women.</li> </ul>	

**Activity 2.3 Promoting farm mechanization and extension.**

Sub-activities	Progress	Remarks
4 Agricultural development centers were made fully operational to provide agribusiness services	<ul style="list-style-type: none"> <li>○ 3 PADCs building construction completed.</li> <li>○ Waiting for the approval of the procurement plan to continue the construction of 1 PADC in KPT.</li> </ul>	
4 Engineering workshops were made fully operational to provide agribusiness services	<ul style="list-style-type: none"> <li>○ 3 MEWs building construction completed.</li> <li>○ Submitted final versions of BOQ of Material for Mechanical Workshop to the Procurement Unit to continue the construction of 1 MEW in Takeo.</li> <li>○ Readiness of Mechanical Workshop in TBK, KPT, KCM for installation</li> </ul>	

### 4.1.3 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	<ul style="list-style-type: none"> <li>○ PPP specialist on developing process framework with key relevant sectors.</li> <li>○ Development of Producer Group Establishments Guideline Linked with Private Sector to the Market: completed (4<sup>th</sup> draft revision) to achieve the agribusiness group of contract farming</li> </ul>	PPP framework is on gathering relevant information from involved stakeholders.
Good Agriculture Practice for Tropical Fruit Endorsed (CamGAP)	<ul style="list-style-type: none"> <li>○ The meeting with technical working group of the development of CamGAP standard. The total participants are 100 persons of which 29 are females.</li> <li>○ The meeting for the development of the tropical fruit CamGAP standard reviewing on Mango. The total participants are 84 persons of which 17 are females.</li> <li>○ Project conducted public consultation workshop with stakeholders to review and endorsement of CamGAP Standards. The total participants are 74 persons of which 20 are females.</li> <li>○ Tropical Fruit CAMGAP Standards development for mango has been developed with progress of 95% for the tropical Fruit CamGAP Standards under the preparation of meeting with relevant stakeholders to review and endorsement of CamGAP Standards after the collect the inputs and consultation workshop. CS2 will continue to coordinate with relevant departments (IA-GDA) to endorse this technical guideline next month.</li> <li>○ Orientation meeting to make awareness to PPIUs staff and AC boards and members on agri-business applied farm inspection and CamGAP standard and seeking inform and feedback on CamGAP training and activities. A total participant: 414 persons/ 213 are female.</li> <li>○ The fieldwork has been visited at the mango farms and support technical for the CamGAP improvement practical and technical support on farm management based on the market to 160 persons/ 73 are female based on the standard requirement.</li> </ul>	
Good Agriculture Practices for organic fertilizer endorsed	<ul style="list-style-type: none"> <li>○ Endorsed the manual on SOP for quality testing of organic fertilizer by IA-GDA, relevant stakeholders and preparing in public of the manual on SOP for quality testing of organic fertilizer after the endorsement.</li> </ul>	

#### Activity 3.2 Promoting green finance and risk sharing mechanisms

Sub-activities	Progress	Remarks
50 Staff from financial institutions trained in CSA	<ul style="list-style-type: none"> <li>○ Identified: 50 Bank/MFI are initially identified</li> </ul>	

<p>and green finance</p>	<p>with the list of banks for the target of CSA and green financing.</p> <ul style="list-style-type: none"> <li>○ Training on the cause and impact of Climate Change to PDAFF, Banks and MFIs. The total participants are 94 persons including 44 staffs/18 are females from banks and MFIs are invites and introduce CSA and green financing. The training was focused on the climate risks, impact, causing and adaptation and mitigation actions and access to the Cambodia Green Financing Facility which are implementing by ARDB and Environment and Social Governance (ESG) principle which are facilitate by Association Bank of Cambodia.</li> <li>○ TNA: was completed and oriented.</li> <li>○ Training development plan: ongoing 80%</li> <li>○ Development of training Materials: ongoing 100%</li> <li>○ Delivery training: 5 training courses with ACLEDA and ARDB.</li> <li>○ Development of green finance landscape report: completed drafted.</li> <li>○ National Consultation on report: draft concept notes completed.</li> <li>○ Engaged with green financing facility establishment (MOE/ARDB/NBC/Mekong Strategy Partners progressed) and waiting GCF reviewing and approval.</li> <li>○ Consultation on Green Financing with ARDB and ACLEDA.</li> <li>○ 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.</li> <li>○ Additional 2 local banks have been identified to meet target 50 Banks and MFIs to attend the training</li> <li>○ 50 local banks/MFI were trained on the climate risks sharing, CSA and access to green financing.</li> </ul>	
<p>30 agribusinesses trained in green finance and CSA</p>	<ul style="list-style-type: none"> <li>○ 30 Agribusinesses identified the potential agri-business initiative.</li> <li>○ TNA: ongoing 50%</li> <li>○ Development and reviewing of training Materials: ongoing 70%</li> <li>○ Develop the climate change training material</li> <li>○ Conducted 2 training on Climate Change, Green Financing, and Climate Smart Agriculture to 77 participants including 17 women for PPIUs, Bank, MFI, ARDB, and ACs in four provinces.</li> <li>○ 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.</li> <li>○ 34 agribusiness of which 8 are female (25%) are interviewed and discussed on the</li> </ul>	

	<p>current agricultural business. These privates' sectors will be screened to select the potentials private sectors for involved and initiate links with ACs in target provinces.</p> <ul style="list-style-type: none"> <li>○ Conducted discussion with Agri-business Group and ACs board and members to identify their potential agri-business and connect to Agriculture cooperative at target provinces with 176 participants including 53 are women.</li> </ul>	
20,000 Households were provided with information on climate risk-sharing instruments	<ul style="list-style-type: none"> <li>○ On-site meeting/training/workshop: 115 completed of meeting orientations/training and workshop on the agribusiness to ACs provided with information on climate risk-sharing instruments on crop insurance and green financing to relevant stakeholders (Total Participant: 2,572 of which 846 are females).</li> <li>○ Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan)</li> <li>○ Develop extension materials: completed the design work art, format and technical information both leaflet and training flipchart for Promoting green finance and risk sharing mechanism linked with agriculture value chain production. The printing will finish soon and be distributed to all PPIUs and relevant institutes and stakeholders next month.</li> <li>○ Involved in signing an agreement on data sharing with Forte on Crop Insurance.</li> </ul>	
Creating an enabling environment for PPPs in agribusiness in the four value chains;	<ul style="list-style-type: none"> <li>○ Crop-centric forums for rice, cassava, maize, mango, and other specific crops: 6 forums were conducted with a total of participants 266 (60F, equal 22%).</li> <li>○ TOT Training on Producer Group Establishing Guideline to AC Committee: 4 courses of training with a total of participants 106 (30F, equal 28%)</li> <li>○ 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%).</li> <li>○ Awareness meeting on the concept and establishment of producer group: 6 meetings conducted with a total of participants 266 (162F, equal 61%). 6 meeting conducted with a total of participants 232 (130F, equal 56%).</li> <li>○ Meeting to develop internal regulations and production calendar plan.</li> <li>○ Business Forum conducted 3 courses on rice, cassava and maize. The total participants are 80 persons of which 11 are Females.</li> <li>○ Conducted 4 courses of legal farming contract signing consultation forum on rice, cassava and dry maize. The total participants are 81 persons/16F</li> </ul>	

	<ul style="list-style-type: none"> <li>○ Dissemination meeting on the principles of contract farming: 12 meetings conducted with 513 (145F, equal 28%).</li> <li>○ Dissemination workshop on Contract Farming Mechanism of Maize and Rice: 8 meetings conducted with 318 participants (84 females=26%)</li> <li>○ On review of PPP feasibility studies on specific crop commodities proposed by MAFF with the PMU team</li> <li>○ Legal farming contract signing ceremony at provincial level was conducted 19 events, total 257 of which 90 are females.</li> <li>○ AC Kaksikor Rung Roerung in Kampot signed the contract farming with Amru Rice company on Rice amount 500Mt/year for one year period.</li> <li>○ AC Ratanak Polroath Samaky in Kampot has a farming contract amount of 40Mt/y with local exported to Vietnam.</li> <li>○ AC Arkpirak Ponhea Krek Dambae in Tboung Khmum signed the contract farming on fresh csaava with Heng Leap Company amount 1,888 Mt/year for one year period.</li> <li>○ AC Kasekor Dambea in Tboung Khmum signed the contract farming on fresh cassava with Heng Leap Company amount 542 Mt/year for one year period.</li> <li>○ Samaki Meanchey Agricultural in Tboung Khmum (cooperated with AC Samaki Khummean and AC Samaki OrLork) signed the contract farming on rice production with THAN CHEA Rice Miller 350 Mt/year for one year period.</li> <li>○ Damrey Rameal AC in Takeo province with Amru Rice 850 Mt/year for one year period.</li> <li>○ 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.</li> <li>○ 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.</li> <li>○ Rik Chamroeun AC in Kampot signed the contract farming on Rice Production with Sdoc Sdorm AC amount 60Mt/year for one year.</li> </ul>	
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**Activity 3.3 Supporting Climate Risk Management through Information and Communication Technologies (ICT)**

<b>Sub-activities</b>	<b>Progress</b>	<b>Remarks</b>
Supporting Climate Risk Management through Information and Communication Technologies (ICT)	<ul style="list-style-type: none"> <li>○ The ICT consultant Team just mobilized in Feb 2023 and the inception workshop will be conducted on the 6th of April 2023.</li> <li>○ The inception Report has been prepared and approved</li> <li>○ An inception workshop has been done on 6 April 2023</li> <li>○ Developing System Requirements and Architecture Reports has been submitted to PMU and MAFF as below date: ✓ Version 1 on 31 October 2023</li> </ul>	

	<ul style="list-style-type: none"> <li>✓ Version 2 on 24 November 2023</li> <li>✓ Version 3 on 26 February 2023</li> <li>○ Preparation for the Pilot Program for climate-smart Agriculture at the pilot farms has been categorized and selected.</li> <li>○ System Architecture Design and Integration Architecture Report version 4 has been released on 29 May 2024; it'll be submitted to PMU on 30 May 2024.</li> <li>○ System Architecture Design and Integration Architecture Report version 4 has been released on 29 May 2024; it'll be submitted to PMU on 30 May 2024, and it has been approved by H.E. Minister of MAFF on 24 June 2024.</li> <li>○ Terms of reference for consultancy services for the provision of system integrator services for the ICT platform have been already drafted (v1).</li> <li>○ Request for Proposal (RFP), Request for Information (RFI), and the procurement plan are drafting....</li> </ul>	
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## 4.2 Safeguards (Social, Environmental and Gender)

The subsections below are the progress of the status of safeguards including social, environment, health and safety, and gender action plan.

### 4.2.1 Social Safeguards

The status of social safeguards for Irrigation systems and ponds are showed in the table 8 below, which MOWRAM is the implementing agency.

Table 8: The status of social safeguards for Irrigation systems and ponds

No	Description of subprojects	Contract No.	Batch No.	No of Subproject	DDR drafted	DRR verified by ITP	Date of submission to ADB	Addressed comments from ADB	NOL from ADB	Physical Progress	
										as of Dec 2023,	as of Jun 2024,
<b>Kampot province</b>											
1	DDR for Trapeang Run	KP-TR-CW2	1	1	Yes	Yes	Yes	Yes	21-Jul-20	100%	100%
2	DDR for Takoeh	CFAVC MOWRAM-KPT-CW12-1	1	1	Yes	Yes	Yes	Yes	18-Jan-23		
3	DDR Prawoek Pong Irrigation Subproject	CFAVC-MOWRAM-KPT-CW12.2B	2	1	Yes	Yes	Yes	Yes	16-Jan-24		
4	DDR Kandal Irrigation System	CFAVC-MOWRAM-KPT-CW12.2B	2	1	Yes	Yes	Yes	Yes	16-Jan-24		
5	DDR Trapeang Boeung Reservoir		2	1	Yes	Yes	Yes	17-Sep-23	Not yet		
<b>Sub-total</b>				<b>5</b>							
<b>Takeo province</b>											
1	DDR for Prey Kdouch & Kraing Empil	CFAVC MOWRAM-TKO-CW15.1	1	2	Yes	Yes	Yes	Yes	21-Dec-21	100%	100%
2	DDR for Chrouk1 & Plov Touk Canal	CFAVC-MOWRAM-TKO-CW15.2	2	1	Yes	Yes	1-Apr-24		Not yet		
3	DDR for Kwaeng Tayi Canal	CFAVC-MOWRAM-TKO-CW15.2	2	1	Yes	Yes	1-Apr-24		Not yet		
4	DDR for Prey Rumdeng Canal	CFAVC-MOWRAM-TKO-CW15.2	2	1	Yes	Yes	1-Apr-24		Not yet		
5	DDR for Pralay 95 Irrigation Subproject	CFAVC-MOWRAM-TKO-CW15.3	3	1	Yes	Yes	Yes	Yes	22-Mar-24		
6	DDR for Pralay 42 Irrigation Subproject	CFAVC-MOWRAM-TKO-CW15.3	3	1	Yes	Yes	Yes	Yes	22-Mar-24		
7	DDR for Ta Oum Reservoir Irrigation Subproject	CFAVC-MOWRAM-TKO-CW15.4	3	1	Not yet				Not yet		
8	DDR for Poutasuy Reservoir Irrigation Subproject	CFAVC-MOWRAM-TKO-CW15.4	3	1	Not yet				Not yet		
9	DDR for Sdoc Sab Reservoir Irrigation Subproject	CFAVC-MOWRAM-TKO-CW15.4	3	1	Not yet				Not yet		
<b>Sub-total</b>				<b>10</b>							
<b>Tboung Khmum province</b>											
1	DDR for Toul Pring & Kbal Tuek	CFAVC-MOWRAM-TBM-CW13.1	1	2	Yes	Yes	Yes	Yes	28-Jul-21	100%	100%
2	DRP for Trapeanng Tros	CFAVC-MOWRAM-TBM-CW13.1	1	1	Yes	Yes	Yes	Yes	Yes	100%	100%

No	Description of subprojects	Contract No.	Batch No.	No of Subproject	DDR drafted	DRR verified by ITP	Date of submission to ADB	Addressed comments from ADB	NOL from ADB	Physical Progress	
										as of Dec 2023,	as of Jun 2024,
3	DDR for Tboung Damrei Reservoir	CFAVC-MOWRAM-TBM-CW13.2	2	1	Yes	Yes	Yes	17-Apr-24	Not yet		
4	DDR for Kampong Raing Feeding Canal	CFAVC-MOWRAM-TBM-CW13.2	2	1	Yes	Yes	Yes	17-Apr-24	Not yet		
5	DDR for Choam Taheung Irrigation Subproject	CFAVC-MOWRAM-TBM-CW13.3	3	1	Yes	Not yet			Not yet		
6	DDR for Trapeang Ampil Irrigation Subproject	CFAVC-MOWRAM-TBM-CW13.3	3	1	Yes	Not yet			Not yet		
	<b>Sub-total</b>			<b>7</b>							
	<b>Kampong Cham province</b>										
1	DDR for Pram Kumpheak & O'Kamprok	CFAVC MOWRAM-KPC-CW14.1	1	2	Yes	Yes	Yes	Yes	18-Jan-23	100%	100%
2	DDR for Teuk Char West Irrigation System	CFAVC-MOWRAM-KPC-CW14.1	2	1	Yes				Not yet		
3	DDR for Potatres Reservoir	CFAVC-MOWRAM-KPC-CW14.2	2	1	Yes				Not yet		
4	DDR for Teuk Char East Irrigation System	CFAVC MOWRAM-KPC-CW14.3	3	1	Yes				Not yet		
	Sub-total			<b>5</b>							
	<b>Grand Total Irrigation System Subprojects:</b>			<b>27</b>							

<b>RWHP (Batch I)</b>											
1	DDR for RWHP in Kampot province	??	1	80	Yes	Yes	Yes	Yes	12-Jul-23		
2	DDR for RWHP in Tboung Khmum province	??	1	63	Yes	Yes	Yes	Yes	17-Apr-24		
3	DDR for RWHP in Kampong Cham province	??	1	66	Yes	Yes	Yes	7-Aug-23	Not yet		
4	DDR for RWHP in Takeo province	??	1	69	Yes	Yes	Yes	9-Aug-23	Not yet		
	<b>Sub-totl RWHP</b>			<b>278</b>							

<b>RWHP (Batch II)</b>											
1	DDR for RWHP in Kampot province	??	2	72	Not yet				Not yet		
2	DDR for RWHP in Tboung Khmum province	??	2	72	1-Apr-24				Not yet		
3	DDR for RWHP in Kampong Cham province	??	2	46	Not yet				Not yet		
4	DDR for RWHP in Takeo province		2	32	Not yet				Not yet		
	<b>Sub-total RWHP</b>			<b>222</b>							

	<b>Grand Total of RWHP subprojects:</b>			<b>500</b>							
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The status of social safeguards for roads are showed in the table 9 below, which MRD is the implementing agency.

Table 9: The status of social safeguards for roads

No.	Contract Number	Road ID	Length (Km)	Name of Contractor	DDR/DRP drafted	Date of submission to ADB	Addressed comments from ADB	VO1 completed	NOL from ADB for VO1	VO2 completed	NOL from ADB for VO1	Physical Progress	
												as of Dec 2023,	as of Jun 2024,
1	CW17b-CFAVC-MRD-TK3-2020_Batch1	TK3	10	Henan Water Construction Group Co., Ltd	Yes	Yes	Yes	Yes	Yes	Yes	Yes	99.00%	100%
2	CW17b-CFAVC-MRD-TK4-2020_Batch1	TK4	4.67	Hout Chhoeun Construction Co., Ltd	Yes	Yes	Yes	Yes	Yes			100%	100%
3	CW17a-CFAVC-MRD-KP1-2020_Batch1	KP1	11.94	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Yes	Yes				96.31%	100%
4	CW17a-CFAVC-MRD-KP2-2020_Batch1	KP2	8.1	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Yes	Yes				98.25%	100%
5	CW17d-CFAVC-MRD-KC7-2020_Batch1	KC7	9.882	M.T.A Construction Co., Ltd	Yes	Yes	Yes					97.33%	100%
6	CW17d-CFAVC-MRD-KC8-2020_Batch1	KC8	4.721	M.T.A Construction Co., Ltd	Yes	Yes	Yes					96.97%	100%
7	CW17c-CFAVC-MRD-TBK5-2020_Batch1	TBK5	9.774	Heng Sambat Co., Ltd Import Export and Construction	Yes	Yes	Yes	Yes				98.00%	100%
8	CW17c-CFAVC-MRD-TBK6-2020_Batch1	TBK6	12	Heng Sambat Co., Ltd Import Export and Construction	Yes	Yes	Yes	Yes				92.79%	100%
9	CW17a-CFAVC-MRD-KP-1A-Batch2	KP18	6.395	Henan Water Construction Group Co., Ltd	Yes	Yes	Yes					31.00%	65.00%
10	CW17a-CFAVC-MRD-KP-1A-Batch2 – Lot1	KP19	6.568	Henan Water Construction Group Co., Ltd	Yes	Yes	Yes					31.00%	81.41%
11	CW17a-CFAVC-MRD-KP-2A-Batch2 – Lot2	KP9	3.817	6 Stars Construction Co., Ltd	Yes	Yes	Yes					12.00%	93.12%
12	CW17a-CFAVC-MRD-KP-2A-Batch2 – Lot2	KP10	5.281	6 Stars Construction Co., Ltd	Yes	Yes	Yes					12.00%	93.12%
13	CW17b-CFAVC-MRD-TK-1A-Batch2 – Lot1	TK11	8.203	6 Stars Construction Co., Ltd	Yes	Yes	Yes					7.75%	68.02%
14	CW17b-CFAVC-MRD-TK-1A-Batch2 – Lot1	TK12	5.773	6 Stars Construction Co., Ltd	Yes	Yes	Yes					7.75%	68.02%
15	CW17b-CFAVC-MRD-TK-2A-Batch2 – Lot2	TK20	3.97	C.NO Construction and Investment Co., Ltd	Yes	Yes	Yes					22.74%	92.46%
16	CW17b-CFAVC-MRD-TK-2A-Batch2 – Lot2	TK21	3.385	C.NO Construction and Investment Co., Ltd	Yes	Yes	Yes					22.74%	92.46%
17	CW17b-CFAVC-MRD-TK-2A-Batch2	TK22	5.406	C.NO Construction and Investment Co., Ltd	Yes	Yes	Yes					22.74%	92.46%

18	CW17c-CFAVC-MRD-TBK-1A-Batch2 – Lot1	TBK13	8.11	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Not yet*					0%	0%
19	CW17c-CFAVC-MRD-TBK-1A-Batch2 – Lot1	TBK14	5.437	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Not yet*					0%	0%
20	CW17c-CFAVC-MRD-TBK-1A-Batch2 – Lot1	TBK15	2.823	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Not yet*					0%	0%
21	CW17c-CFAVC-MRD-TBK-2A-Batch2 – Lot2	TBK23	4.908	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Not yet*					0%	0%
22	CW17c-CFAVC-MRD-TBK-2A-Batch2 – Lot2	TBK24	2.789	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Not yet*					0%	0%
23	CW17c-CFAVC-MRD-TBK-2A-Batch2 – Lot2	TBK25	1.446	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Not yet*					0%	0%
24	CW17c-CFAVC-MRD-TBK-2A-Batch2 – Lot2	TBK26	3.748	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	Not yet*					0%	0%
25	CW17d-CFAVC-MRD-KC-2A-Batch2 – Lot2	KC16	7.657	6 Stars Construction Co., Ltd	Yes	Yes	Yes					0.07%	74.77%
26	CW17d-CFAVC-MRD-KC-2A-Batch2 – Lot2	KC17	4.983	7 Stars Construction Co., Ltd	Yes	Yes	Yes					0.07%	74.77%
27	CW17d-CFAVC-MRD-KC-1A-Batch2 – Lot1	KC27	3.925	M.T.A Construction Co., Ltd	Yes	Yes	Yes					0.07%	23.83%
28	CW17d-CFAVC-MRD-KC-1A-Batch2 – Lot1	KC28	5.5	M.T.A Construction Co., Ltd	Yes	Yes	Yes					0.07%	23.83%
<b>Total length achieved</b>			<b>141.95</b>										
<b>% achieved</b>			<b>56.78%</b>										
<b>Total road length target</b>			<b>250</b>										

Note: \*DRPs for TBK13, TBK14, TBK15, TBK23, TBK24, TBK25 and TBK26 have been prepared and submitted to ADB and PMU of MRD is looking forward to receiving feedback and comments from ADB

The status of social safeguards for warehouses, PAEW & 3 PADC, and compost huts& bio-digesters show in the table 10 below.

Table 10: The status of social safeguards for warehouses, PAEW & 3 PADC, and compost huts& bio-digesters

Package Number	Province	District / Commune	Subproject Name	Storage Capacity (Ton)	DDR drafted	Date of submission to ADB	Addressed comments from ADB	Contract Signed Date	Physical Progress as of Jun 2024
	Kampot	Ankor Chey / Dambok Khpos	Pauchhum Meanchey AC	100	Yes	Yes	Yes	3-May-23	100%

Package Number	Province	District / Commune	Subproject Name	Storage Capacity (Ton)	DDR drafted	Date of submission to ADB	Addressed comments from ADB	Contract Signed Date	Physical Progress as of Jun 2024
CW-3b3/ CFAVC/MAFF/ 2022-01 Lot 1 Batch 3		Kampong Trach / Kampong Trach Khang Keut	Kampong Trach Chamroeun Kasekor AC	100	Yes	Yes	Yes		100%
		Banteay Meas / Wat Ang Khang Cheung	Ponhea Angkor Chamroeun Chey AC	100	Yes	Yes	Yes		100%
		Chum Kiri / Snay Angchet	Samaki Baitang AC	100	Yes	Yes	Yes		100%
CW-3b3/ CFAVC/MAFF/ 2022-02 Lot 2 Batch 3	Takeo	Tram Kak / Trapeang Kranhoung	Khprob Svay Samaky AC	100	Yes	Yes	Yes	3-May-23	100%
		Tram Kak / Trapeang Kranhoung	Samaky Meanchey Phlov Lork AC	100	Yes	Yes	Yes		100%
		Tram Kak / Udom Soriya	Udom Soriya AC	50	Yes	Yes	Yes		100%
		Prey Kabbas / Ban Kam	Toul Preah Vihear AC	100	Yes	Yes	Yes		100%
		Traing / Sambour	Sambuor Chamroeunphal AC	50	Yes	Yes	Yes		100%
		Samraong / Chhum Reh Pein	Phum Boeng Amatak AC	100	Yes	Yes	Yes		100%
		Kiri Vong / Ta Ou	Kiri Udom Ta Ou AC	100	Yes	Yes	Yes		100%
		Koh Andet / Peach Sa	Ponleu Sareireng AC	100	Yes	Yes	Yes		100%
		Tram Kak / Ta Phen	Sokpheap Yeung AC	100	Yes	Yes	Yes		100%
		Yes			Yes	Yes	100%		
		Tram Kak / Trapeang Thom Khang Tbong /	Damrey Ramiel AC	100	Yes	Yes	Yes		100%
		Koh Andet / Prey Khla	Samphy Angkor Raingsey AC	100	Yes	Yes	Yes		100%
		Kirivong / Phnom Daen	Phnom Den Sen Sok AC	100	Yes	Yes	Yes		100%
CW-3b3/ CFAVC/MAFF/ 2022-03 Lot 3 Batch 3	Kampong Cham	Steung Trang / O'Mlou	Tratrong Kasekor AC	200	Yes	Yes	Yes	3-May-23	100%
		Prey Chhor / Khvaet Thom	Khvaet Thom	100	Yes	Yes	Yes		100%
		Kampong Siem / Han Chey	Han Chey AC	100	Yes	Yes	Yes		100%
		Cheung Prey / Phdao Chhum	Reamear Cheung Prey AC	100	Yes	Yes	Yes		100%
CW-3b3/ CFAVC/MAFF/ 2022-04 Lot 4 Batch 3	Tboung Khmum	Dambae / Toek Chrov	Kasekor Dambae AC	100	Yes	Yes	Yes	3-May-23	100%
		Memot / Rumchek	Svay Chanty Rumchek AC	200	Yes	Yes	Yes		100%
		Tboung Khmum / Chi Ro	Chiro Rungroeung AC	100	Yes	Yes	Yes		100%
		Or Reang Ov / Kang Chey	Oraing Ov Meanchey AC	100	Yes	Yes	Yes		100%
		Or Reang Ov / Mean	Samaky Khum Mean AC	100	Yes	Yes	Yes		100%
<b>Total</b>	<b>4</b>	<b>District: 14</b>	<b>25</b>						

Package Number	Province	District / Commune	Subproject Name	Storage Capacity (Ton)	DDR drafted	Date of submission to ADB	Addressed comments from ADB	Contract Signed Date	Physical Progress as of Jun 2024
		Commune:24							

The status of Semi-Annual Report of Social Safeguards shows in table 11 below:

Table 11: The status of Semi-Annual Report of Social Safeguards

No	Description	No of Subproject	Status
1	Jan to Dec 2020	The whole CFAVC	NOL from ADB
2	Jan to Dec 2021	The whole CFAVC	NOL from ADB
3	Jan to Jun 2022	The whole CFAVC	NOL from ADB
4	Jul to Dec 2022	The whole CFAVC	NOL from ADB
5	Jan to Dec 2023	The whole CFAVC	Submitted to ADB, and addressing all final comments from ADB
6	Jan to Jun 2024	The whole CFAVC	Being drafted

- **Implementation of Social Safeguards**

During this report period, the nation safeguards specialist collaborates with SC1, CS5, EA and IAs teams to carry out main activities, as following:

- Addressed final comments from ADB for the finalization of Due Diligence Report for 25 AC Warehouses/Storages construction subprojects in target provinces including 4 AC Warehouses/Storages in Kampong Cham, 4 AC Warehouses/ Storages in Kampot, 12 AC Warehouses/Storages in Takeo and 5 AC Warehouses/Storages in Tboung Khmom province. All comments and inputs from ADB’s social safeguards specialists were properly incorporated and re-submitted to ADB for approval and disclosure. NOL was issued on 25 January 2024.
- Addressed final comments from ADB for the finalization of Annual Report on Social Safeguards Monitoring (Jan-Dec 2023) for all on-going subprojects under MRD, MOWRAM and MAFF. All comments and inputs from ADB’s social safeguards specialists were properly incorporated and re-submitted to ADB for approval and disclosure.
- 19-23 February 2024: In collaboration with PMU/PIC and CS1 team, the national social safeguards specialist conducted fieldworks for social monitoring at specific construction sites of the rural road construction, irrigation canal construction, Rainwater Harvest Pond construction subprojects in order to monitor and inspect social safeguards compliance and ensure corrective actions were undertaken on time and the safeguards specialist also provided trainings on social safeguards and the function of GRM to contractors, local authorities and the community living alongside of the roads (Table 1).
- Conduct public consultation meetings at the subproject target villages with participation from affected households (AHs), local authorities, GRC, site engineers, contractor staff. At the same time, the national safeguards specialists provide on-the-job training on how to deal with social safeguards issues and GRM to address grievance or complaints from project beneficiaries and affected households (AHs).
- Provide training to GRC members to maintain the function of GRM at community level and to improve its functions by ensuring verbal complaints from beneficiaries to be recorded and addressed on time. As a result, several grievances from beneficiaries have been recorded and addressed and national safeguards specialists keep close monitoring in collaboration with site engineers and contractor.

- Based on the request from local authorities and community, the proposed additional civil work at KP10.1 has been considered to prepare another VO document to submit to ADB and update of LAR checklists to support VO documentation. It is confirmed that the proposed additional civil work without changing Col and have no impact, no need to prepare supplementary DRP/DDR or EMP
- Assisted CS1 team and PMU of MRD to revise LAR checklist for TK3 rural road construction VO in Takeo province, TBK5, TBK6 rural road construction VOs in Tboung Khmom province that requested additional civil work (Table 12).
- Work with ITP, CS1 and MoWRAM PMU/PIU teams to conduct field survey for some of the 50 proposed RWHP locations in Takeo province and conduct social safeguards screening and assessment by using IR and LAR checklists for selected rainwater harvested ponds.
- In addition, TK22 rural road construction subproject in Kampeng commune in Takeo province is under construction by C-NO construction Co., Ltd. The physical progress was 85%. The training on GRM and social safeguards was co-organized for 17 participant (3 females).
- Conduct site monitoring visit at TK11 and TK12 rural road construction subprojects in Ang Popel commune in Takeo province, is under construction by 6 Stars construction Co., Ltd. It was observed that (PK 0+000 to 3+250) there are 4 affected households having their fence impacted and 1 health center will be affected due to the construction of side drainage. However, the commune chief (representative of GRC) and contractor have already resolved the issues with the agreement of the affected households. Training on GRM was provided to contractor/workers and local authorities. There were 13 participants (all males) attended the training.
- Conducted field monitoring visits at KP18 & KP19 rural road construction subprojects in Trapeang Tameas village, Prey Krang Kheang Cheung in Mean Rith commune, Kampot province, it was observed that there are a few affected households complaint due to the impact of the existing pipe culvert that was used for water irrigation to their dry season rice farm and they requested to reinstall to previous condition, and this complaint was reported and resolved by GRC at commune and district level. Other households wanted additional compensation for the removal of additional fence due to road re-alignment in order to mitigate impacts and improve road safety.
- Conducted social safeguards training for 37 participants (1 female). Inspected rural road improvement of KP9 and KP10 that have been constructed by 6 Stars construction Co., Ltd. There are 5 villages within the road's layout including Trapeang Run in Dambok Khpous commune, Damnak Chambak village in Samraong Leu commune, Svay Anchit commune in Chum Kiri district; and KP10 in Samroang Leu commune, Angkor Chey district. It was reported that the earth work will be completed in March. During discussion, the commune authority revealed that about 100m of fence of the primary school will be broken by the road construction. The commune authority requested to prevent the fence from falling down that is required for additional works to mitigate the impact of the school fence falling down and soil erosion.
- On 19-20 February and 25 March 2024, the national social and environmental safeguards specialist cooperated with safeguards officers of MAFF to co-organize the trainings on social and environmental safeguards, EMP, GRM, occupational health and safety and waste management (solid and liquid waste) for contractor staff and construction worker at the subproject sites and campsites in Takeo, Kampot and Kampong Cham provinces.



Table 12: List of contractors, and number of construction workers attended the social safeguards training

Package name	Contractor	Subproject	Location	Date (d/m/y)	Total participant	Male	Female
CW17b-CFAVC-MRD-TK-2A-Batch 2- Lot2	<b>C-NO</b> Construction Co.,Ltd.	TK-22 (5.406km)	Pasat village, Kampeng commune, Kiri Vong district, <b>Takeo</b> province	19-Feb-24	17	14	3
CW17b-CFAVC-MRD-TK-1A-Batch2	<b>6 Stars</b> construction Co., Ltd	TK11 and TK12 in Angpor Pel commune	Prey Chour village, Porpel commune, Tramak district, <b>Takeo</b> province	19-Feb-24	13	13	0
CW17a-CFAVC-MRD-KP-1A-Batch2	<b>Henan Water</b> Construction Group Co., Ltd.	KP18 &KP19	Trapeang Tameas village, Prey Krang Kheang Cheung in Meanrith commune, <b>Kampot</b> province	20-Feb-24	37	36	1
CW17a-CFAVC-MRD-KP-2A-Batch2	<b>6 Stars</b> construction Co., Ltd	KP9 and KP10	AC Samaki Amatak and Sen Han Cham Reoun Phal, <b>Kampot</b> province	20-Feb-24	20	19	1
CW17d-CFAVC-MRD-KC-1A-Batch2_Lot1,	<b>M.T.A</b> Construction Co., Ltd	KC27 & KC28_	Trapeang Kor commune Office, <b>Kampong Cham</b>	25-Mar-24	29	17	12
CW17d-CFAVC-MRD-KC-2A-Batch2_ lot2	<b>6 Stars</b> Construction Co., Ltd	KC16 & KC17	Peam Chikang Pagoda, <b>Kampong Cham</b>	25-Mar-24	19	11	8
CW17b-CFAVC-MRD-TK-1A-Batch2	<b>6 Stars</b> Construction Co., Ltd	TK11 &TK12	Access roads to AC Samaky Trapeang Kralanh (8.203km) and Bak Sey Rik Reay (5.773km) - Takeo	25-June-2014	13	13	0
CW17b-CFAVC-MRD-TK-2A-Batch2	<b>C.NO</b> Construction and Investment Co., Ltd	TK20, TK21 &TK22	Access roads to Tra Peang Sra Nge (3.97km), Samaky Tra Peang Chork (3.385km) and Kampeng Sok Sen Sambo (5.406km) - Takeo	25-June-2014	17	14	3
CW17a-CFAVC-MRD-KP-2A-Batch2	<b>6 Stars</b> Construction Co., Ltd	KP9 &KP10	Access roads to AC Samaki Amatak (3.817km) and Sen Han Cham Reoun Phal (5.281km) - Kampot	26-June-2014	20	19	1
CW17a-CFAVC-MRD-KP-1A-Batch2	<b>Henan Water</b> Construction Group Co., Ltd.	KP18 &KP19	Access roads to Ratanak Pulrath Samaki (6.395km) and Preykrang Meanrit (6.568km) - Kampot.	26-June-2014	37	36	1
CFAVC-MOWRAM-KPT-CW12.2B		Construction of irrigation scheme	Kandaol commune, Kampot Province	27-June-2014			
CFAVC-RWHP-KAM-CW01-A.1		RWHP	Chumkiri and Chhouk district, Kampot Province	27-June-2014			
CW17d-CFAVC-MRD-KC-1A-Batch2_Lot1,	<b>M.T.A</b> Construction Co., Ltd	KC27 & KC28	Kampong Cham	28-June-2014	29	17	12
CW17d-CFAVC-MRD-KC-2A-Batch2_ lot2	<b>6 Stars</b> Construction Co., Ltd	KC16 & KC17	Kampong Cham	28-June-2014	19	11	8

Package name	Contractor	Subproject	Location	Date (d/m/y)	Total participant	Male	Female

- **Key challenges in achieving the target and the proposed action plan.**
  - Addressed all final comments from ADB on the finalization of annual report on social safeguards monitoring (2023).
  - Completed all pending VOs for rural road constructions and incorporated all comments from ADB’s social safeguards specialists.
  - During this reporting period, the joint environmental and social safeguards monitoring was conducted for on-going rural road construction projects in Takeo, Kampot, Tboung Khom and Kampong Cham provinces.
  - Developed KoboToolbox form and translated into Khmer with re-orientation to CS1 team on how to use it for social safeguards monitoring with real-time data collection. including photos, video, sound, GPS, polygon, or geo trace etc. as it is very helpful for documentation of social safeguards related issues. All data gathering is stored and available at KoboToolbox system.
  - Time constraints for all safeguard’s specialists and CS1 site engineers due to their input limitations that is not fully response to needs of large geographical locations of the proposed subprojects under EA and IAs.
  - Data collection and reporting systems are still a concern and need further training for the project team with using an appropriate computer program and suitable software applications.
  
- **Recommendation**
  - The social safeguards teams/CS1/PIU need to closely monitor the construction activities to ensure social safeguards compliance, all complaints shall be recorded and addressed properly with satisfactory manner.
  - Prepare GRM posters at all construction sites by using hard material for at least 2-year long lasting seen after the completion of the subprojects and GRC members’ contacts (telephone number) shall be seen at the commune and village offices, or at least at the construction sites including campsites.
  
- **Next Action**
  - Conduct Social Safeguards Monitoring for on-going subprojects in collaboration with Environmental Safeguards Specialist, PMU/PIU, CS1 site engineer teams. Record all data related to social safeguards issues using KoboToolbox database system.
  - Conduct refresher training on the translation of KoboToolbox form English to Khmer for safeguards gender team for monitoring and reporting purposes.
  - Prepare LAR checklist for the proposed additional civil work of rural road construction subprojects under MRD as required by MRD.
  - Prepare semi-annual report on social safeguards monitoring cover January – June 2024 by following the template of the previous semi-annual report.
  - The national social safeguards specialist continues to inspect the construction sites of all road improvement subprojects and RWHPs to ensure social safeguards compliance in collaboration with CS1/PIC and PMU/PIU teams.
  - The national social safeguards specialist works closely with PMU/IAs/PIC to strictly monitor and advise contractor to resolve all pending social safeguards issues.
  - The national social safeguards specialist works closely with PMU/PPIUs to guide the contractors to post GRM poster at all the construction sites and at the target village or commune offices.

## 4.2.2 Environmental Safeguards

The environmental monitoring team consists of environmental safeguards and climate change specialist from PIC/CS1, PMU safeguard officer from PMU under MAFF, PPIU's safeguard officers under PDRD and/or PDOWRAM and CS1 provincial project engineers both for each PPIU of the PDRDs and PDOWRAMs.

The environmental monitoring activities carried out including reviews on CEMPs, monthly and/or quarterly progress reports, EMPs update and conducted field visits to specific construction sites and consultation meetings to assess the Environmental Performance and EMP compliance. The contractors, sub-contractors/project site managers, workers and local authorities were involved with the monitoring activities through trainings, awareness raisings and consultation meetings. The PPIUs, local authorities and contractor site managers or sub-contractors and provincial engineering experts are responsible for the day-to-day monitoring and the subprojects implementation.

The EMP for TK3 was updated and approved by ADB on 28 February 2024. The safeguard documents of the project have been prepared and approved that were disclosed on the ADB website and Contractor's Environmental Management Plan (CEMP) contains the mitigating measures that would minimize, or if possible, eliminate the adverse impacts that may accrue from the implementation of the works. The status of approval of the requisite EMP update and CEMPs are presented in Table 1 below.

Table 13: Approval Status of the Requisite EMP update and CEMPs.

REPORT TYPE	PMU SUBMITTED	SUBMITTED TO MOE	ADB PROVIDED NOL
<b>REHABILITATION AND UPGRADING PROJECTS - ROADS, MRD</b>			
<i>EMP updated for Variation Order No.2 for additional works of the Contract No. Package 1-CW17b-CFAVC-MRD-TK3, improvement of 10 km of Rural Road (OBST/Concrete) in Takeo Province.</i>	21-Nov-23	n/a	28 Feb 2024
<b>REHABILITATION AND UPGRADING PROJECTS - IRRIGATION SYSTEMS, MOWRAM</b>			
<i>CFAVC-MOWRAM-KPT-CW12.1A</i>	<i>Construction or Rehabilitation of 80 Rain Water Harvesting Ponds in Kampot Province</i>	<i>Approved on 18 March 2024</i>	n/a
<i>MOWRAM-KPT-CW12.2B</i>	<i>Bravoek Pong in Pong Sat Commune and Kandoal Feeding Canal in Kandoal commune, these are situated in Tuek Chhou District, Kampot Province.</i>	<i>Approved on 06 May 2024</i>	n/a

During the report period, PIC/CS1 and PMU safeguard specialists conducted field visits to determine the environmental performance compliance and to be assessed the CEMP implementation at the specific construction sites and campsites through specific construction inspection and consultation meeting with contractor representatives, site managers, workers, local authorities and communities. Table 14 shows specific site inspection and consultation meetings for EMP Compliance including the field visit schedule and number of the participants. The results of the field visits were summarized including the issues found and recommendations for further actions are shown in table 15 below.

Table 14: The Specific Site Inspection and Consultation Meeting for EMP Compliance

Package name	Contractor	sub-project	location	Date	total	Male	Female
<b>Rehabilitation and Upgrading Projects - Roads, MRD</b>							
CW17d-CFAVC-MRD-KC-1A-Batch 2- Lot 1	M.T.A Construction Co., Ltd	KC27 (3.925 km)	Angdoun Snay Commune, Cheung Prey and Batheay Districts, Kampong Cham province	28-Jun-24	20	14	6
		KC28 (5.500 km)	Trapeang Kor Village, Trapeang Kor Commune, Cheung Prey District, Kampong Cham Province				
CW17d-CFAVC-MRD-KC-2A-Batch 2- Lot 2	6 Stars Construction Co., Ltd	KC16 (7.657km)	Baray commune, Khvoet Thom and Prey Chhor Communes, Kampong Cham Province	28-Jun-24	16	8	8
		KC17 (4.984km)	Posila Village, Prek Krabao Commune, Peamchikang District, Kampong Cham Province				
	6 Stars Construction Co., Ltd	KP09_Road to AC Samaki Amatak (3.817km) and KP-10_Road to AC Sen Han Cham Reoun Phal (5.281km)	Campsite of workers in Damnak Chanbork Village, Samraong Leu Commune, Banteay Meas District, Kampot Province	26-Jun-24	15	14	1
. CW17a-CFAVC-MRD-KP-1A-Batch 2, Lot1	Henan Water Construction Group Co., Ltd	KP-18 (6.395km )	Trapeang Tameas O'kandal Mean Rith communes, Dangtung district, Kampot province	26-Jun-24	2	1	1
CW17b-CFAVC-MRD-TK-1A-Batch 2	6 Stars Construction Co., Ltd	KP-11 (roads to AC Samaky Trapeang Kralanh (8.203km)	Prey Chour Village, Popel Commune, Tramkok District, Takeo Province	25-Jun-24	21	18	3
		TK-12 (Bak Sey Rik Reay (5.773km)	Trapeang Chork Village, Tramkok Commune, Tramkok District, Takeo Province	25-Jun-24	14	13	1
<b>Sub-Total</b>					<b>88</b>	<b>68</b>	<b>20</b>
<b>Rehabilitation and Upgrading Projects - Irrigation Systems, MOWRAM</b>							

CFAVC-MOWRAM-KPT-CW12.2B	Chheav Nita Construction Co., Ltd	Pravoek Pong and Kamdaol Feeding Canals Irrigation Subproject	Toek Krahom Village, Kandaol Commune, Toek Chhour District, Kampot Province	27-Jun-24	22	15	7
<b>Sub-Total</b>					<b>22</b>	<b>15</b>	<b>7</b>
<b>TOTAL</b>					<b>110</b>	<b>83</b>	<b>27</b>

Table 15: Summary of the Issues Found and Recommendations for Further Actions

ISSUES FOUND	REQUIRED ACTIONS	RESPONSIBILITY AND TIMELINE	REMARKS
New appointed contractors have not prepared CEMP to be approved by PMU/CS1 before the construction commenced	Encourage all contractors to prepare and submit CEMPs to PMU for approval before starting the construction.	PMU/PIUs, and contractor Anytime when the contract signed	Compliance to ADB PSP-2009; RGC's guidelines and policies
GRM signboards and the project information have not been installed at the construction sites and camp sites or public places such as village and commune offices.	Print and install GRM signboards at all construction sites and public places and distribute project posters or leaflets to all concerned communities and local authorities.	Contractor & PMU/PIUs At the end of Q3, 2024	Compliance to EMP
Use of GRM logbook/ Grievance Recording sheets	<ul style="list-style-type: none"> <li>- Print out GRM logbook or grievance recording sheets for distributing to related local authorities and all the ACs under support of the project.</li> <li>- Train contractor/site managers and local authorities to use logbook/recording sheets</li> </ul>	PMU/PIUs, and contractor At the end of Q3, 2024	Compliance to EMP
Human waste from the workers and campsites	<ul style="list-style-type: none"> <li>- Provide waste bins at least 3 for each campsite (one for hazardous, one for plastic and bottles and another bin for bio digestible)</li> <li>- Install 2 separate toilets for male and females</li> </ul>	Contractor At the end of Q3, 2024	Compliance to EMP
Dust from the construction works	PMU/PIUs & PIC shall instruct the contractor to spray water for the construction of roads at sensitive areas especially at the housing areas, markets, public schools and health centers at least 3 times per day.	PMU/PIUs in MRD, and contractor At the end of Q3, 2024	Compliance to EMP
Soil Erosion	<ul style="list-style-type: none"> <li>- PMU/PIUs encourage the contractors to plant grass along the road embankments.</li> <li>- The manhole/drains along the roads must be covered and pipe culverts/U drains installed.</li> </ul>	PMU/PIUs in MRD, and contractor Before the end of 2 <sup>nd</sup> semester, 2024	Compliance to EMP
Excavation soils and spoiling disposal	<ul style="list-style-type: none"> <li>- PMU/PPIUs should advise and /or instruct contractors and site supervisors to transport the excavated soils and spoil soils away, not to remain in front of villagers 'houses and/or in the agricultural areas.</li> <li>- The letter agreement for the soil disposal would be prepared and signed by landowners.</li> </ul>	PMU/PIUs in MRD, and contractor Before the end of 2 <sup>nd</sup> semester, 2024	Compliance to EMP
Solid wastes from the construction	<ul style="list-style-type: none"> <li>- Instruct workers not to burn solid waste at the campsite</li> <li>- To be transported to landfill or reused as appropriated.</li> </ul>	PMU/PIUs in MRD and MOWRAM, and contractors	PIC/CS1 conduct field check and educate workers and campsite manager to respect to

ISSUES FOUND	REQUIRED ACTIONS	RESPONSIBILITY AND TIMELINE	REMARKS
		At the end of Q3, 2024	environmental code of conduct
Traffic and safety sign boards, and traffic accident as well as traffic jam.	- To install sufficient traffic and warning signs at sensitive road sections were construction and transportation occurrence.	Contractors and IAs/PPIUs to re-enforce the tasks of the contractors At the end of Q3, 2024	PIC/CS1 has already advise the contractor's representatives and conduct regularly monitoring
Lack of Project Information and GRM signboards for public awareness raising	- Install GRM and project information signboards at the construction sites and public areas especially commune office, campsites and constructing sites. - Orange consultation meeting or awareness raising meeting with APs and local authorities.	Contractors and IAs/PPIUs to re-enforce the tasks of the contractors At the end of Q3, 2024	PIC/CS1 has already advise the contractor representatives and require conducting regularly monitoring
EHS (for community and occupation)	- Provide PPEs sufficient to workers and educate the workers as duty to wear the PPE during the working hours - Install barriers and warning signs to prevent unauthorized access - Install sufficient traffic signs and flags at the construction sites.	Contractors and IAs/PPIUs to re-enforce the tasks of the contractors At the end of Q3, 2024	PIC/CS1 continue to monitor

### Grievance Redress Mechanism

The complaints were raised by local authorities and community representatives during the consultation meetings or training that were held during the environmental monitoring activities. There are in total 6 minor cases reported during this monitoring period. One out of 6 minor cases are related with irrigation subproject and 5 cases are rural road improvement subprojects (see Table 16 below)

- Number of grievances resolved: 4 out of 6 minor cases were resolved during the monitoring report period.
- Number of outstanding grievances: 2 cases related to villager's house and a school fence.

Table 16: Grievances During Monitoring Period

TYPE OF GRIEVANCE	DETAILS (DATE, PERSON, ADDRESS, CONTACT DETAILS, ETC.)	REQUIRED ACTION, RESPONSIBILITY AND TIMING	RESOLUTION
(1) potential impact for flood risk to the villagers' houses due to installation of a concrete culvert and there is no proper canal or drainage through the villagers' lands to a lowland behind the houses.	KP10.1, villagers and village heads in Trapeang Run, Damnak Chambok, Samraong Leu commune, Angkor Chey district, Kampot province.	Local Authority, Contractor (6 Stars) and Engineer of PMU, PIU and CS01 to conduct site visit and provided an instruction to house owner to understand about impact while they built by own without engineering.	"The complaint was solved"  Contributed by house owner to remove the soil back which is level higher than road and re-excavate more deeper to install pipe drain instruct by Engineer.
(2) Request to install additional pipe culvert at a lowland area to harvest rainwater for the agricultural areas. The letter has been prepared through endorsement of village and commune chiefs, dated 6th February 2024.	Mr. Hak Sisomaly is representative of 21 families living in Damnak Chambork village, Samraong Leu commune, Banteay Meas district, Kampot province. Requested letter dated 6th February 2024.	6 Stars Contractor (engineer and site manager), commune & village chiefs and PMU/PIU and PIC/CS1 to conduct site visit and had meeting and agreed on the requirement of the community.	The issue was solved  The pipe culvert has been installed at KP10.3_K02. since early March 2024.
(3) KP10.1 road impacted to a fence of the	Director of Damnak Chambork primary	Local Authority, School Director, Contractor and	"The issue has not been solved"

TYPE OF GRIEVANCE	DETAILS (DATE, PERSON, ADDRESS, CONTACT DETAILS, ETC.)	REQUIRED ACTION, RESPONSIBILITY AND TIMING	RESOLUTION
school/pagoda (110m length) in Damnak Chambork village, Samraong Leu commune, Banteay Meas district, Kampot province. The school fence is required to be renovated because most of the existing fence is buried by the road leveling.	school in Damnak Chambork village, Samraong Leu commune, Banteay Meas district, Kampot province.	Engineer agree to contribute  School directors contribute the land 110m, Width 4m to backfill the soil to protect the fence during construction.	Contractor had contributed to rebuild this fence 110m to School with same design of old fence to the new location.
(4) One of the villager house's fences affected by the road improvement KP18. It's required to removed and the compensation has been already commenced (Ref. contract No. 42 dated 22 Aug 2023) but the owner has still complained that they have not received the compensation.	The fence owner name Mr. Chhorn Sambo_ID:10179151, lives in PreyKraing Khangcheung, Meanrith commune, Dang Tung district, Kampot province.	Local Authority, Contractor and Engineer of PMU, PIU and CS01, House owners did not agree to demolish their fence due to not settling the resettle fee by MEF. However, confirmed by PMU/MEF this owner agreed and signed, fingerprint on agreement of contribution.	"Not solved"  Required MEF/PMU/CS01/Local Authority to confirm and clarify this agreement with Owner.
(5) a fence was affected by the construction of the road in Sa'ng village, Trapeang Kor commune, Cheung Prey district, Kampong Cham province. The fence owner complained on the fence damage and requested to be well informed on the road alignment.	Mr. Heun Hiep lives in Sa'ng village, (road ID: KC28), Trapeang Kor commune, Chheung Prey district, Kampong Cham province.	M.T.A construction Co., Ltd and commune and village authorities	"Solved"  The contractor, CS1 engineer, and safeguards team discussed with affected people and local authorities to explain the community and APs on the ROW and information sharing. The grievance was solved at commune's GRC on 25th March 2024.
(6) the villager's house fence would be affected due to the construction of feeding canal irrigation scheme in Kamdaol commune, Toek Chhou District, Kampot province		District Governor Commune chief Village chief and Chheav Nita Construction Co., Ltd  The working group visited to site and had meeting with fence owner on February 2024	"solved"  The complaint was solved in February 2024. The fence owner has agreed to remove the fence voluntarily.

#### Conclusions:

During the monitoring report period, the civil work of the subprojects under MAFF have completed 100% for the construction of 80 units of the AC warehouse, 3 agricultural development centers and 3 engineering workshops. The construction work of all the completed subprojects can be considered satisfactory because there is no room for further improvements. However, local authorities and the communities especially Agricultural Cooperative committees shall consider the environment and maintenance of the AC warehouses and relevant facilities such as sanitation, planting valuable trees and vegetation to provide more shades and comfortable places for farmers and AC committees themselves. Waste bins/trash bins shall be installed at least 3 bins for each AC warehouse. On the other hand, access roads to the AC and platform around the AC warehouse should be clearance and smoothly compacted grounds that make them easily to the transferring agricultural products.

For the rural road improvement under MRD, about 48.81 % of the total length (252km) proposed with 123.014 km out of 252 km (41 subprojects) have been complete for the improvement work. The

results of the field monitoring can be scored as medium or satisfaction for environmental management and negative impact mitigations due to there are rooms for the improvements such as waste from workers, campsites and construction material handling and disposals, public awareness raising related with PIB, GRM and meaningful consultations and GRM signboards installation, traffic and warning signs, etc..

For the rehabilitation of 9 out of 27 irrigation subprojects were completed since 2023 but 2 irrigation subprojects are being upgraded namely Kandaol feeding canals and Pravoek Pong reservoir. However, the construction of 105 out of 500 rainwater harvested ponds have been completed during the monitoring report period. The construction of these subprojects has been completed and can be considered satisfactory, but there are temporary issues to be improved including waste collection and campsite cleaning. The grasses and trees planting around the earth dams and embankments of the ponds. The fencing around the rainwater harvested pond is required to be undertaken by local authorities and communities to prevent erosion and unauthorized access.

During the monitoring undertaken, it was observed that not all workers wear the requisite PPEs when they were working on the work sites. The appropriate site instructions were given to the Contractor to rectify this issue.

Recommendations:

1. All the assigned contractors should prepare a specific site construction environment management plan (CEMP) submitted to PIC/CS1 and PMU/PIU to be approved before construction commences. Then, the contractors must implement the approved CEMPs and provide the monthly report regularly and on time for reviews by PMU/CS1-PIC.
2. Environmental adverse impacts and mitigation measures that raised in the CEMP should be highly considered and strictly adhered to carry out at all stages of the project implementation and operation phases. There are some points that found are missing or partly undertaken by the contractors or sub-contractors as followings:
  - Conduct public consultation meetings and training on OEHS, RGM and Gender issues before and during the construction.
  - Install GRM and GRC signboards and posters at public areas especially commune/village offices, the construction sites and campsites.
  - Domestic and solid waste should be properly collected, stored and disposed of in approved disposal facilities. Waste segregation should be undertaken at all the camp sites.

Work plan for the next step:

The PMU/IA/PPIUs and PICCS1 will continue providing support, supervise and guidance to contractors to prepare and implement the CEMP which incorporated the approved EMP for the subprojects, especially environmental health and safety, solid and domestic waste management at the work sites, worker's campsites and contractor's facilities. Toxic and hazardous materials management are priority to be considered and undertake mitigation measures and prevention action as appropriated. The key activities to be taken as followings:

- PMU/IAs/PIC will strictly monitor and advise contractor to resolve all pending issues such as usage of PPEs, solid waste disposal, implementation of the mitigation measures proposed in EMP and timelines
- PMU/PPIUs will direct the contractors to install trash bins and GRM signboards at all the construction sites/campsites including campsites, constructing points, village and commune offices
- PMU/PPIUs visit specific sites of the ACs to follow up status of the AC warehouses and its operational safeguards to improve the environment.



- Organize contractors' consultation meeting to be presented their construction progress, results/achievement and constraints of the CEMP implementation.

The details of Environment Monitoring for subprojects under IAs are in appendix 11.

### 4.2.3 Health and Safety

Environment, health and safety, during the monitoring undertaken, it was observed that not all workers wear the requisite PPEs when they are on the work sites. The appropriate site instructions were given to the Contractors to rectify this issue. As regards COVID-19, PPIUs and local authorities were fully informed of the MoH COVID-19 prevention measures.

The environmental team/CS1/PIC needs to closely monitor the implementation of the Health and Safety Plans to ensure compliance to the approved EMP.

### 4.2.4 Gender Action Plan (GAP) (if applicable)

The GAP has provided comprehensive to date of overview of the project progress from year 2020 – Q2 2024.

The data of sex-aggregated reports have been provided more comprehensive up to date from year 2020- June 2024. The results these data of the sex disaggregated is under controlled and the total women represent in the capacity build activities such as training, demonstration and study tours supported by the project of 2,588 times, 69,817 farmers, 28,820 females of 41.28% - Target 9.

The results of the data gender-related by different indicators such as women employed in civil work:

- The women employed in civil work by the rehabilitated by rural roads - MRD, the rehabilitated irrigation system – MOWRAM and the ACs business development landscape restoration (farm mechanization) and farming mechanism were upgraded to climate resilient standard to improve connectivity to cooperatives and market, in the total 33 contracts with 15,722 persons, for 4,460 females of 28.37% with 529,488 workdays, has been awarded to women 137,773 workdays created by project to women of 28.37% - Target 4.
- Women benefiting from biodigesters and compost huts 42,314 farmers (female =20,052 (47%) as compare with the DMF=105.78%) have been trained and received information about Biodigester in Training & Capacity Building, Promotion & Marketing, Monitoring & Evaluation and Innovation & Value Chain Improvement activities – Target 2.
- Women benefiting from the rehabilitated irrigation system of 1. Land 3,250 hectares implemented for 21.67% in progress. 2. Households 4,238HHs implemented for 16.95% in progress. And 3. Women 7,918 females (15.84% in progress) out of total population 16,573 persons for these 9 projects implemented – Target 1.
- Continued to follow the advice and comments from ADB MTR MoU on 15<sup>th</sup> Oct. 2023 for the following data and more progress as the followings:
  - (i) Collecting additional data and information to improve the GAP implementation report based on the meeting between the ADB CARM gender team and CS1 consultants.
  - (ii) Strengthen monitoring and implementation of sex-disaggregated data and enhance the reporting of each GAP indicator by closely working with and mentoring the PMU, PIUs, PPIUs, and contractors on GAP results requirements.
  - (iii) Engaged more women or female-headed households in capacity building, rehabilitated infrastructure, biodigesters and compost huts, agri-business and green finance initiatives. The results of the female-headed households in the 86 ACs with 11,071 members, 5,969 females of 53.92% and ACs members with Agriculture Machineries use 5,288 farmers, 1,366 females of 25.83%. The female-headed households with 2,571 females Target 10.

(iv) Ensure that gender achievement reports are prepared regularly instead of using an ad-hoc mechanism. Additionally, refresh the GAP orientation for PMUs, PIUs, PPIUs and contractors to ensure a common understanding of the data to be reported.

(v) Ensure active engagement of gender focal points from MAFF GCWC in project activities, particularly in the intensification of the biodigesters promotion campaign involving women as active agents and strengthening participation of women in the selection and multiplication of climate-resilient crop varieties by involving WFN.

(vi) Considering the project's extension to 2026, additional inputs for a national gender specialist may be carefully considered based on needs, while ensuring the proper the period of preparation of the project completion report.

**Challenges:**

- National Gender Specialist needs more time to work with the teams and collect more data to complete the Progress Report of Gender Action Plan Implementation Matrix – GAP.

- Detailed update on the status of the GAP Implementation in Appendix 7.

**4.3 Financial Management**

**4.3.1 Status of Audit Implementation**

A financial audit has been conducted by the external independent audit firm, KPMG, for the year 2023. The result is in appendix 8.

**4.3.2 Project Cost and Expenditure**

**• Project Cost**

The project cost by source of funds is shown in table 17 below.

Table 17: Project cost by financing sources

Sources of Fund	Budget Allocation (USD)	Percentage (%)
ADB loan (L3661)	90,000,000	63.81%
GCF loan (L8346)	10,000,000	7.09%
GCF Grant (G0579)	30,000,000	21.27%
RGC	7,376,000	5.23%
Beneficiaries	3,664,000	2.60%
<b>Overall Total</b>	<b>141,040,000</b>	<b>100.00%</b>

**• Project Expenditure**

The overall project expenditure is accumulated 29.56 million USD which equal to 21.0% of total budget. For the project expenditure is showed in table 18, 19, 20.

Table 18: Summary of Expenditures by Sources of Fund Vs Budget

SOURCE	Budget (Allocation)	2024 Annual Budget	Year to date Expenditures	Cumulative to date Expenditures	Overall Expenditures Rate %	
			30/June/24	30/Jun/24	2024	Overall

ADB loan (L3661)	90,000,000	28,890,096	3,624,568	33,893,676	12.5%	37.7%
GCF loan (L8346)	10,000,000	3,137,923	410,312	2,311,390	13.1%	23.1%
GCF Grant (G0579)	30,000,000	12,532,541	2,154,835	7,227,045	17.2%	24.1%
RGC	7,376,000	1,417,560	67,330	856,588	4.7%	11.6%
Beneficiaries	3,664,000	446,880	-	-	0.0%	0.0%
TOTAL	141,040,000	46,425,000	6,257,045	44,288,699	13.5%	31.4%

Table 19: Summary of Expenditures by PMUs Vs Budget

EAs/ IAs	Budget (Allocation)	2024 Annual Budget	Year to date Expenditures	Cumulative to date Expenditures	Overall Expenditures Rate %	
			30/Jun/2024	30/Jun/2024	2024	Overall
PMU-MAFF	57,149,457	16,882,119	2,946,983	25,535,621	17.5%	44.7%
MOWRAM	44,235,807	16,481,901	725,371	7,747,466	4.4%	17.5%
MRD	37,349,607	13,060,980	2,584,691	11,005,612	19.8%	29.5%
Unassigned (Interest Charges)	2,305,129	-	-	-	0.0%	0.0%
TOTAL	141,040,000	46,425,000	6,257,045	44,288,699	13.5%	31.4%

Table 20: consolidated expenditure by category (PMU-MAFF, MOWRAM & MRD)

Expenditure	Expenditures during the Reporting Period (\$) (Q2 2024)						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		
<b>Category</b>													
Civil Works	1,846,335	305,318	252,429	-	-	2,404,082	22,468,639	2,303,588	1,865,733	-	-	26,637,961	
Goods (Equipment & Supplies)	-	-	-	-	-	-	913,650	-	-	-	-	913,650	
Capacity Development (Training, Workshops, Seminars)	-	-	1,044,834	-	-	1,044,834	-	-	5,019,225	-	-	5,019,225	
Consulting Services	416,208	-	32,133	-	-	448,342	7,904,069	-	342,086	-	-	8,246,155	
Incremental Operating Costs (Project Management)	144,354	-	-	29,910	-	174,264	2,051,661	-	-	856,588	-	2,908,250	
<b>Subtotal</b>	<b>2,406,897</b>	<b>305,318</b>	<b>1,329,396</b>	<b>29,910</b>	<b>-</b>	<b>4,071,522</b>	<b>33,338,020</b>	<b>2,303,588</b>	<b>7,227,045</b>	<b>856,588</b>	<b>-</b>	<b>43,725,241</b>	
JFPR Total	-	-	-	-	-	-	-	-	-	-	-	-	
GOVERNMENT	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER DONOR/ Interest Charges	163,232	2,829	-	-	-	166,061	555,655	7,802	-	-	-	563,458	
						-	-					-	
<b>OVERALL TOTAL (MAFF-MOWRAM-MRD)</b>	<b>2,570,129</b>	<b>308,147</b>	<b>1,329,396</b>	<b>29,910</b>	<b>-</b>	<b>4,237,582</b>	<b>33,893,676</b>	<b>2,311,390</b>	<b>7,227,045</b>	<b>856,588</b>	<b>-</b>	<b>44,288,699</b>	

## **4.4 Compliance with Loan/Grant Covenants**

### **4.4.1 Policy Loan Covenants**

- The Project complied with all Sector / Policy Covenants

### **4.4.2 Financial Covenants**

- There have been no changes in circumstances that require a change in the risk assessment and action plans. The Covid -19 pandemic continues to hamper project implementation.
- The project has been complying with the financial Covenants Financial Management Action Plan as shown in Appendix 5.
- The CFAVC project finances over the year 2023 were audited and the results is in Appendix 8.

## **5. Major Project Issues**

### **Issues:**

- It is impossible to implement the current procurement plan for bio-digesters, compost huts and land leveling since the local suppliers cannot compliance with procurement methods.
- Independence Third Party to review social safeguard is not yet recruited
- Consultants have a shortage of the remaining input to do their professional assignment.

### **Solutions:**

- For current procurement method, PMU has proposed to MEF and ADB to change it. The proposed method and updated procurement plan (version 5) have been sent to ADB for approval and NOL.
- ITP will be recruited as soon as possible, hopefully it will be done in Q3 2024.
- The consulting firm and PMU have prepared the VO16, and it has been submitted to MEF for approval, and then it will be sent to ADB for NOL.

## Appendix 1: Project Implementation Schedule

### Overall Project Implementation Plan

Output and Activities	2019		2020				2021				2022				2023				2024				2025				2026		
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
<b>Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient</b>																													
Activity 1.1: Rehabilitating water management infrastructure to climate resilient condition																													
Off-farm climate resilient irrigation & water management infrastructure																													
- Bid preparation for first batch subprojects																													
- Bidding, construction and handover																													
- Further Subproject identification/evaluation bidding																													
- Construction and handover of subprojects																													
On-farm water catchment ponds																													
- Selection of sites based on the approved eligibility criteria																													
- Procurement, award, construction and handover																													
Drip-irrigation demonstration sites																													
- Bid preparation for representative subproject																													
- Bidding, construction and handover																													
- Further subproject identification/evaluation bidding																													
- Construction and handover of subprojects																													
Activity 1.2: Upgrading agricultural cooperative value chain infrastructure																													
AC drying and storage unit establishment																													
- Bid preparation for representative subproject																													
- Bidding, construction and handover																													
- Further subproject identification/evaluation bidding																													
- Construction and handover of subprojects																													
Activity 1.3: Improving connectivity to cooperatives and markets through climate resilient farm road networks																													
Rural roads production zone and market access																													
- Subproject identification requiring rural roads																													
- Bidding, construction and handover																													
Activity 1.4: Strengthening infrastructure for agricultural quality and safety testing																													
NAL Plant Bio-technology Laboratory support																													
- Consultant selection and recruitment																													
- Materials & equipment procurement																													
- GMO, plant toxins & bio-fertilizer testing implemented and perfected																													
- Tissue culture protocols developed																													
- ISO 17025 capacity and compliance																													
- Laboratory commercialization implemented																													
- Rapid field testing implemented																													
Activity 1.5: Promoting renewable energy for value chain improvement																													
NBP Bio-digester program																													
- Bio-digester work plan with NBPO & PDAFFs																													
- Construction and bio-digester handover																													

Output and Activities	2019		2020				2021				2022				2023				2024				2025				2026		
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
Bio-digester standards development																													
- Technical committee/working group formation																													
- Draft standards and consultation																													
- National Standards Committee endorsement																													
Bio-slurry compost hut promotion																													
- Compost hut design																													
- Work plan and financial support determined																													
- Construction and handover																													
Agribusiness Photovoltaic Feasibilities																													
- Study scope determined																													
- Agribusinesses identified																													
- Detailed study for green finance																													
AC drying and storage unit solar power systems																													
- Requirements & designs elaborated																													
- Bidding, installation and commissioning																													
PADC solar power systems																													
- Requirements & designs elaborated																													
- Bidding, installation & commissioning																													
<b>Output 2: Climate smart agriculture and agribusiness promoted</b>																													
Activity 2.1: Deploying climate resilient varieties																													
Climate resilient variety release and dissemination																													
- Recruitment of IRR1																													
- Locational and on-farm trials																													
- Seed bulking up & farmer field days																													
- Varietal release																													
- Commercialization initiatives																													
Activity 2.2: Strengthening capacity in climate friendly production practices and technologies																													
- Training materials collated or elaborated																													
- CSA, SRP, CAMGAP training formal & in-field																													
- AC drying and storage unit, management & operation																													
- FWUC management, operation & systems maintenance																													
- Agricultural machinery, operation, repair, fabrication & maintenance																													
- Laser levelling training and demonstration																													
Activity 2.3: Promoting farm mechanization and extension																													
PADC construction (Takeo, Tbong Khmum & Kampong Cham) or rehabilitation (Kampot)																													
- Design & bid preparation																													
- Bidding, construction and handover																													
Provincial Agricultural Engineering Workshop construction (Kampot, Kampong Cham & Tbong Khmum) and equipping (Takeo)																													
- Design & bid preparation																													
- Bidding, construction and handover																													
<b>Output 3: Enabling environment for climate friendly agribusiness enhanced</b>																													
Activity 3.1: Formulating climate friendly agribusiness policies and standards																													
Climate smart agribusiness policy & policy HRD																													
- Work plan & technical committee formation																													
- Draft policy and consultation																													
- MAFF & MOC endorsement																													

Output and Activities	2019		2020				2021				2022				2023				2024				2025				2026		
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
Industrial development policy																													
• Action plan for MAFF implementation																													
Climate conscious standards development i.e. CamGAP and SRP																													
• Work plan & CAMGAP technical committee																													
• Draft Standards, consultation & NSC endorsement																													
• Linking SRP Alliance activities to project																													
• CSA activities determination																													
Activity 3.2: Promoting green finance and risk sharing mechanisms																													
Inter-ministerial committee – enabling environment for PPPs/commercial incentives & best practices																													
• Committee composition and scope determined																													
• IMC meetings																													
Crop-centric PPP forums																													
• Forum composition and scope determined																													
• Forum meetings																													
ASEAN Study tours																													
• Tour requirements and planning																													
• Study tour																													
PPP feasibility studies																													
• Study scope determined																													
• Agribusinesses identified																													
• Detailed study for green finance																													
Financial institution capacity building for climate friendly agribusiness																													
• Technical support Services (package: CS2) consultant recruitment																													
• Risk aversion awareness training & capacity building																													
• Green initiative field visits																													
• Existing initiatives review, implementation plan																													
Activity 3.3: Supporting climate risk management through information and communication technologies (ICT)																													
• Expand and extend existing ICT activities for climate smart agribusiness in Kampong Cham Province																													
Project Management Cross-Cutting Activities																													
Consultant selection procedures (aside from PIC)																													
Environment management plan key activities																													
Gender action plan key activities																													
Communication strategy key activities																													
Inception report / review mission																													
Annual Project performance report																													
Quarterly Progress Report (including financial report)																													
Twice yearly and/or midterm review																													
Government project completion report																													
Project physical completion date																													
Financial closing																													

Note: ▲ - periodic

AC = agricultural cooperatives; CAMGAP = Cambodia Good Agricultural Practice; CSA = climate smart agriculture; FWUC = farmers water user committee; GMO = genetically modified organism; HRD = Human Resource Development; ICT = information and communication technology; ISO = International Organization for Standardization; MAFF = Ministry of Agriculture, Forestry and Fisheries; MC = ? MOC = Ministry of Commerce; NAL = National Agricultural Laboratory; NBP = National Bi-digester Program; NBPO = National Biodigester Program Office; NSC = National Standards Council; PADC = Provincial Agricultural Development Center; PDAFF = Provincial Department of Agriculture, Forestry and Fisheries; PIC = project implementation consultants; PMU = project management unit; PPP = public-private partnerships; SRP = Sustainable Rice Platform.

Source: PPTA consultant



## Appendix 2: Detailed Project Implementation Progress

### Output 1:

ACTIVITY		SUBACTIVITY	UNIT	DMF SCORE	OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Progress June 2024		
								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	100.00	27	1.50
		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	100.00	15,000	1.50
		Procurement	Ha		15,000	5	0.75	41.67	6,250	0.31
		Rehabilitated & Climate resilient (Construction Progress Works)	Ha		15,000	55	8.25	34.67	5,200	2.86
		O&M	Schemes		27	5	0.75	0.00	-	0.00
		<b>Sub-total</b>				<b>100</b>	<b>15</b>			<b>8.42</b>
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	Identification of ponds	no	5	500	7.5	0.375	100.00	500	0.38
		Farm identification for drip system	no		15	2.5	0.125	100.00	15	0.13
		DED Ponds	no		500	20	1	100.00	500	1.00
		DED Drip system	no		15	5	0.25	13.33	2	0.03
		Procurement & Implementation ponds	no		500	50	2.5	100.00	500	2.50
		Drip systems installation	no		15	15	0.75	0.00	-	0.00
		<b>Sub-total</b>				<b>100</b>	<b>5</b>			
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	Step 1A: Identification	km	15	250	5	0.75	108.80	272	0.82
		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	108.80	272	1.63
		Rehabilitated & Climate resilient (Construction Progress Works)	km		250	60	9	50.10	125	4.51
		O&M	km		250	5	0.75	0.00	-	0.00
		<b>Sub-total</b>				<b>100</b>	<b>15</b>			
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	Identification	No	15	80	5	0.75	100.00	80	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
		<b>Sub-total</b>				<b>95</b>	<b>15</b>			
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
		<b>Sub-total</b>				<b>100</b>	<b>5</b>			

1.f.1	12,000 Bio-digesters made operational benefitting 80,000 persons (50% are women)	Identification of Bio-digesters	Biodigester	5	6,000	10.00	0.50	69.27	4,156	0.35
		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		6,000	60.00	3.00	2.98	179	0.09
		Training of beneficiaries	Persons		24,000	10.00	0.50	176.31	42,314	0.88
		<b>Sub-total</b>				<b>100.00</b>	<b>5.00</b>			<b>1.75</b>
1.f.2	6,000 Compost-huts made operational benefitting 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	2.98	179	0.07
		Training of beneficiaries	Persons		24,000	10.00	0.50	176.31	42,314	0.88
		<b>Sub-total</b>				<b>100.00</b>	<b>5.00</b>			<b>2.09</b>
<b>Total for Output 1</b>			<b>65</b>		<b>65.00</b>		<b>45.30</b>			

Output 2:

ACTIVITY	SUBACTIVITY	UNIT	DMF SCORE	OVERALL TARGET	Sub-Weight (%)	DMF weight (%)	Progress June 2024			
							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	26.00	2,600.00	0.05
		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
<b>Sub-total</b>						<b>100</b>	<b>5.00</b>		<b>1.93</b>	
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	92.54	18,508.00	1.16
		Farmers trained on SRP	Persons		20,000	20	1	92.54	18,508.00	0.93
		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
<b>Sub-total</b>						<b>100</b>	<b>5.00</b>		<b>3.07</b>	
2.c.1	27 FWUCS of FWUGS made operational	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
		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
<b>Sub-total</b>						<b>100</b>	<b>3.00</b>		<b>1.74</b>	
2.c.2		Preparation of training material on operation	set	3	27	10	0.3	55.56	15.00	0.17

	500 FWUCS of FWUGS, developed capacity to operate and maintain their irrigation schemes	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
		<b>Sub-total</b>				<b>100</b>	<b>3.00</b>			<b>1.88</b>
2.d.1	4 Agricultural development centers 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
		<b>Sub-total</b>					<b>100</b>	<b>2.00</b>		
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
		<b>Sub-total</b>					<b>100</b>	<b>2.00</b>		
<b>Total for Output 2</b>				<b>15</b>			<b>20.00</b>			<b>12.42</b>

Output 3:

		SUBACTIVITY	UNIT	DMF score	OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Progress June 2024		
								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 Agri-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
		<b>Sub-total</b>						<b>100.00</b>	<b>2.00</b>	
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
<b>Sub-total</b>					<b>100.00</b>	<b>2.00</b>			<b>1.12</b>	
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
		<b>Sub-total</b>						<b>100.00</b>	<b>2.00</b>	

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
		<b>Sub-total</b>			<b>100.00</b>	<b>2.00</b>			<b>0.83</b>	
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
					<b>Sub-total</b>			<b>100.00</b>	<b>2.00</b>	
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
					<b>Sub-total</b>			<b>100.00</b>	<b>2.00</b>	
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
					<b>Sub-total</b>			<b>100.00</b>	<b>3.00</b>	
		<b>Total for Output 3</b>		<b>15</b>			<b>15.00</b>			<b>5.79</b>

**DMF PROGRESS**

Output and Activities		Assigned weight	PHYSICALL WEIGHTED PROGRESS (%)
			30/06/2024
<b>Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient</b>			
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15.00	8.42
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5.00	4.03
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15.00	10.22
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	1.75
1.f2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5.00	2.09
<b>sub-total Output 1</b>		<b>65.00</b>	<b>45.30</b>
<b>Output 2 – Climate-smart Agriculture and Agribusiness Promoted</b>			
2.a	3 Additional climate-resilient varieties of rice and maize released	5.00	1.93
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5.00	3.07
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
<b>sub-total Output 2</b>		<b>20.00</b>	<b>12.42</b>
<b>Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced</b>			
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
<b>sub-total Output 3</b>		<b>15.00</b>	<b>5.79</b>
OUTPUT	Output 1	65.00	45.30
	Output 2	20.00	12.42
	Output 3	15.00	5.79
	<b>TOTAL Output (1 + 2 + 3)</b>	<b>100.00</b>	<b>63.52</b>

## Appendix 3: Procurement Plan

### PROCUREMENT PLAN

#### Basic Data

<b>Project Name:</b> Climate-Friendly Agribusiness Value Chains Sector Project		
<b>Project Number:</b> 48409-002		<b>Approval Number:</b> 3661/8346/0579
<b>Country:</b> Cambodia		<b>Executing Agency:</b> Ministry of Agriculture, Forestry and Fisheries
<b>Project Financing Amount:</b> US\$ 141,040,000 <b>ADB Financing:</b> US\$ 90,000,000 <b>Cofinancing (ADB Administered):</b> US\$ 40,000,000 <b>Non-ADB Financing:</b> US\$ 11,040,000		<b>Implementing Agency:</b> Ministry of Rural Development, Ministry of Water Resources and Meteorology
		<b>Project Closing Date:</b> 30 September 2026
<b>Date of First Procurement Plan:</b> 29 June 2018		<b>Date of this Procurement Plan:</b> 20 May 2024, Version 5
<b>Advance Contracting:</b> Yes	<b>Related to COVID-19 response efforts:</b> No	<b>Use of e-procurement (e-GP):</b> No

#### A. Methods, Thresholds, Review and 18-Month Procurement Plan

##### 1. Procurement and Consulting Methods and Thresholds

Except as the Asian Development Bank (ADB) may otherwise agree, the following process thresholds shall apply to procurement of goods and works.

Procurement of Goods and Works		
Method	Threshold	Comments
International Competitive Bidding for Goods	US\$ 1,000,000 and Above	
National Competitive Bidding for Goods	Between US\$ 100,000 and US\$ 999,999	First two contracts subject to prior review.
Shopping for Goods	Up to US\$ 99,999	Post review.
International Competitive Bidding for Works	US\$ 3,000,000 and Above	
National Competitive Bidding for Works	Between US\$ 100,000 and US\$ 2,999,999	First of each type of intervention regardless of the value of the contract.
Shopping for Works	Up to US\$ 99,999	Post review.

Consulting Services	
Method	Comments
Quality- and Cost-Based Selection for Consulting Firm	Full-technical proposal.
Single Source Selection for Consulting Firm	Recruitment for the Variety Development Consulting Services.

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## 2. Goods and Works Contracts Estimated to Cost \$1 Million or More

The following table lists goods and works contracts for which the procurement activity is either ongoing or expected to commence within the next 18 months.

Goods and Works								
Package No.	General Description	Estimated Value	Number of Contract	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CFAVC-MOWRAM-KPC-CW14-2 (2022)	Irrigation Subproject, Kampong Cham province (1 scheme) Pou Tatress Reservoir	1,057,200.00	1	NCB	Post	1S1E	Q3 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
CFAVC-MOWRAM-KPC-CW1 4-3 (2022)	Irrigation Subprojects, Kampong Cham province (2 schemes) Teuk Char East Teuk Char West	3,750,000.00	2	NCB	Post	1S1E	Q4 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: Teuk Char East	1,875,000.00						
	Lot Lot 2: Teuk Char West	1,875,000.00						
CFAVC-MOWRAM-KPT-CW12-3 (2022)	Irrigation Subproject, Kampong Cham province (1 scheme) Trapeang Boeung Reservoir	2,162,250.00	1	NCB	Post	1S1E	Q4 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
CFAVC-MOWRAM-TBM-CW13-2 (2022)	Irrigation Subprojects, Tbong Khmum province (2 schemes)	1,964,210.00	2	NCB	Post	1S1E	Q4 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: Tbong Damei Community	1,358,960.00						
	Lot 2: Kampong Raing Feeding Canal	605,250.00						

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Goods and Works								
Package No.	General Description	Estimated Value	Number of Contract	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CFAVC-MOWRAM-TBM- CW13-3 (2022)	Irrigation Subprojects, Tbong Khmum province (2 schemes) Choam Tahoeung (1120ha) Trapeang Ampil	2,350,000.00	2	NCB	Post	1S1E	Q4 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: 1	1,175,000.00						
	Lot 2: 2	1,175,000.00						
CFAVC-MOWRAM-T EO-CW15- 2 (2022)	Irrigation Subprojects, Takeo province (3 schemes) Kwaeng Tayi Plov Touk & Chrouk 1 Prey Rumdeng feeding Canal	2,867,160.00	3	NCB	Post	1S1E	Q3 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: Kwaeng Tayi	1,267,000.00						
	Lot 2: Plov Touk & Chrouk 1	768,140.00						
	Lot 3: Prey Rumdeng feeding Canal	832,020.00						
CFAVC-MOWRAM- EC-CW15-3 (2022)	Irrigation Subprojects, Takeo province (7 schemes) Pou Tasuy Reservoir 440ha, Pralay 85 Canal 850ha, Pralay 42 (Pumping Station) 650ha, O' Rumdourl (210ha) Sdok Sab	3,207,000.00	7	NCB	Post	1S1E	Q4 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: 1 Pou Tasuy Reservoir 440ha	458,143.00						
	Lot 2: 2 Pralay 85 Canal 850ha	458,143.00						
	Lot 3: 3 Pralay 42 (Pumping Station)650ha	458,143.00						
	Lot 4: 4 O'Rumdourl (210ha)	458,143.00						
	Lot 5: 5 Sdok Sab	458,143.00						
	Lot 6: 6 TBC	458,143.00						
	Lot 7: 7 TBC	458,142.00						
CW17a-CFAVC-MRD-KP-1A-Batch 3	Rural Road Improvement (DBST/Concrete) in Kampot Province. Total (12.39 km): Prey Chheu Nieng-Ponhea Angkor (12.39 Km)	1,861,800.00	1	NCB	Post	1S1E	Q2 / 2023	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works

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Goods and Works								
Package No.	General Description	Estimated Value	Number of Contract	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
								Covid-19 Response? No  Comments: SOP Updated Bidding Documents (2019)
CW17b-CFAVC-MRD-TK-1A-Batch 3	Rural Road Improvement (DBST/Concrete) in Takeo Province. Total (20.08km): 1. Trapeang Pring-Cheav Bdei Khang Kaeut (4.51km); 2. Trapeang Trakiet - Svay Prey (9.04 km); 3. Prey Kduoch - Phlov Louk (6.53 km)	2,789,600.00	1	NCB	Post	1S1E	Q2 / 2023	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works  Covid-19 Response? No  Comments: SOP Updated Bidding Documents (2019)
CW17b-CFAVC-MRD-TK-2A-Batch 3	Rural Road Improvement (DBST/Concrete) in Takeo Province. Total (18.43km): 1. Khnach Khang Tboung - Bei Pey (6.66km); 2. Daeum Thlok - Prey Nhuek (5.69km); 3. Ta Mau - Trapeang Vihear (6.08 km)	2,626,000.00	1	NCB	Post	1S1E	Q2 / 2023	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works  Covid-19 Response? No  Comments: SOP Updated Bidding Documents (2019)
CW17c-CFAVC-MRD-TBK-1A&2A- Batch 2	Rural Road Improvement (DBST/Concrete) in Tboung Khmum Province. Total (29.261 km)  Lot 1: Total:16.370 km: 1. From Chruol-Kbal Thnal (8.110 km); 2. From Sralab-Smaonh (5.437 km); 3.Kouk Srok (2.823 km)  Lot 2: Total 12.891 km: 1. Samraeuy-Kokir (4.908 km); 2. Toul Kandal-Tuol Chan (2.789 km); 3. Popel (1.446 km); 4. La (3.748 km)	4,590,287.36  2,247,270.00  2,343,017.36	2	NCB	Post	1S1E	Q4 / 2023	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works  Covid-19 Response? No  Comments: SOP Updated Bidding Documents (2019)
CW17c-CFAVC-MRD-TBK-1A-Batch 3	Rural Road Improvement (DBST/Concrete) in Tboung Khmum province. Total (22.06 km): 1. Chey Nikom - Char Stueng Ta Thok	2,942,050.00	1	NCB	Post	1S1E	Q2 / 2023	Prequalification of Bidders: N  Domestic Preference Applicable: N

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Goods and Works								
Package No.	General Description	Estimated Value	Number of Contract	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
	(5.80 km); 2.Seda Sen Chey - Rum Peak 2 (7.64 km); 3.Sen Prapey - Kampey (2.02 km); 4. Dar Phsar - Spean (6.60 km)							Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
CW17d-CFAVC-MRD-KC-1A-Batch 3	Rural Road Improvement (DBST/Concrete) in Kampong Cham Province. Total (7.78 km): 1. Tumpor - S'ang (3.23km); 2. Kandal Khnhoung - Angkor Chey Leu (4.55 km)	1,483,190.00	2	NCB	Post	1S1E	Q2 / 2023	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
G2	Rapid Test Kits = Bio / Organic Fertilizer Laboratory (materials and equipment)	1,007,722.18	1	ICB	Prior	1S1E	Q1 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No

### 3. Consulting Services Contracts Estimated to Cost \$100,000 or More

The following table lists consulting services contracts for which the recruitment activity is either ongoing or expected to commence within the next 18 months

Consulting Services							
Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/ Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
CS3	Variety development by IRRI (Climate Resilient Varieties Support for CARDI, including: Advancing rice generation, Multi-location trials, On-farm adaptive trials & demonstrations, Breeder & foundation rice seed, Foundation seed for OPV maize )	2,787,015.00	SSS	Prior	Q2 / 2022	BTP	Assignment: International Advance Contracting: N Covid-19 Response? No Comments: As agreed in the negotiation
CS4	ICT (Including: Infrastructure, Software development, Training,	1,737,401.00	QCBS	Prior	Q1/2021	FTP	Assignment: International

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	workshops and Demonstrations, Policies and standards, Consultants, Office operations and support costs)						Advance Contracting: N Covid-19 Response? No Comments: Technical Skills required
CS6	Independent verification party	126,630.00	QCBS	Prior	Q1/2022	BTP	Assignment: National Quality-Cost Ratio: 80:20 Covid-19 Response? No Comments: For Social safeguards

**4. Goods and Works Contracts Estimated to Cost Less than \$1 Million and Consulting Services Contracts Less than \$100,000 (Smaller Value Contracts).**

The following table lists smaller-value goods, works and consulting services contracts for which the activity is either ongoing or expected to commence within the next 18 months.

Goods and Works								
Package No.	General Description	Estimated Value	Number of Contract	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW18	Repairing Glasshouse for Germplasm Maintenance + net house  Lot 1: Lot 2: Lot 3:	769,445.00  256,481.60 256,481.60 256,481.80	3	NCB	Post	1S1E	Q1/2022	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works  Covid-19 Response? No  Comments: Bidding Document: SOP Updated Bidding Documents (2019)
CW19a	Installation and commissioning of 678 biodigesters (4m3) and compost huts (8m3) Package: Takeo: 6 lots = 180 units Kampot: 6 lots = 180 units Tboung Khmum: 4 lots = 126 units Kampong Cham: 6 lots = 192 units	905,164.00  240,309.00 240,309.00 168,216.00 256,330.00	22	Shopping	Prior		Q2 / 2024	Covid-19 Response? No Comments: RFQ with advertisement Comments: First type of intervention subject to prior review. *amount included beneficiary cost estimates SOP Updated Bidding Documents (2019)
CW19	Installation and commissioning of 5,322 bio-digesters and compost huts.	8,367,490.00	177	Shopping	Post		Q42024	Covid-19 Response? No  Comments: RFQ with advertisement
D1a	Demonstration and Training for Laser Land Levelling of 372.98 ha  Takeo 2 Lots = 125.89ha Kampot: 1 Lots = 67.99ha Tboung Khmum: 1 Lot = 58.30ha Kampong Cham: 2 lots = 120.80ha	279,735.00  94,417.50 50,992.50 43,725.00 90,600.00	6	Shopping	Prior		Q4/2024	Covid-19 Response? No  Comments: RFQ with advertisement Comments: First type of intervention subject to prior review. *amount included beneficiary cost estimates SOP Updated Bidding Documents (2019)

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D1	Demonstration and Training for Laser Land Levelling for 2,627.02 ha	1,979,592.00	20	Shopping	Post		Q4/2024	Covid-19 Response? No Comments: RFQ with advertisement
G1a (2021)	Biotechnology (NAL) Laboratory (including tissue culture house equipment)	997,750.00	1	NCB	Prior	1S1E	Q4/2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: I Goods Covid-19 Response? No
G4	Equipment for Mechanizations Workshops for all four provinces	634,076.00	1	NCB	Prior	1S1E	Q1/2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: I Goods Covid-19 Response? No

Consulting Services							
Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/ Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
None							

## B. Indicative List of Packages Required Under the Project

The following table provides an indicative list of goods, works and consulting services contracts over the life of the project, other than those mentioned in previous sections (i.e., those expected beyond the current period).

Goods and Works							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Comments
CW11a	Construction of Post-harvest processing infrastructures (Rice dryer platform, Dryer platform with greenhouse roofing)	80,000.00	2	Shopping	Post		Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: Tboung Khmum = 2 units	42,000.00					
	Lot 2: Kampong Cham = 2 units	38,000.00					

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CW16	Remaining Irrigation subprojects for four provinces  Lot 1: 1 Lot 2 : 2 Lot 3: 3 Lot 4: 4 Lot 5: 5 Lot 6: 6 Lot 7: Lot 8: 8	5,719,178.52  714,897.30 714,897.30 714,897.30 714,897.30 714,897.30 714,897.30 714,897.30	8	NCB	Post	I1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No
CW19	Installation and commissioning of 5,322 Bio-digesters and compost huts.  (Estimated 177 lots: 1 lot = around 30 units of Biodigesters and Hubs)	8,367,490.00	177	Shopping	Post		Covid-19 Response? No  Comments: RFQ with advertisement
CWb1	On-Farm Water Catchment Ponds - for 4 provinces (remaining 720)  Lot 1: 1 Lot 2: 2 Lot 3: 3 Lot 4: 4 Lot 5: 5 Lot 6: 6 Lot 7: Lot 8: 8 Lot 9: 9 Lot 10: 10 Lot 11: 11 Lot 12: 12	8,418,208.00  701,517.37 701,517.33 701,517.33 701,517.33 701,517.33 701,517.33 701,517.33 701,517.33 701,517.33 701,517.33 701,517.33	8	NCB	Post	I1S1E	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works Covid-19 Response? No  Comments: SOP Updated Bidding Documents (2019)
CW5	Renovation of Agriculture Extension Building in Kampot	12,900.00	1	RFQ for Works	Post		Covid-19 Response? No  Comments: RFQ With advertisement
D1	Demonstration and Training for Laser Land Levelling for 2,627.02 ha  (Estimated 20 lots:	1,979,592.00	20	Shopping	Post		Covid-19 Response? No  Comments: RFQ with advertisement

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	1 lot = around 130 ha)						
G1	Biotechnology (NAL) Laboratory (including tissue culture house equipment)	1,921,673.00	1	ICB	Prior	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
G16	Supply circulated cylinder dryers for the 100-ton warehouses (2 Units x US\$200,000) -Supply electrical voltage transformer set for 2 Units x \$30,000) circulated cylinder dryers	460,000.00	1	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
G3	Equipment & Materials for 15 Drip Irrigation Systems includes tube wells/water source connection, solar pumps and other agricultural inputs e.g. training)	805,617.00	1	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
G7	ICT Equipment (including training and studies)	3,502,131.00	1	ICB	Prior	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)

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G8	Six Paddy Milling Equipment	112,382.00	1	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
G9	Five units of Maize Shellers (2 tons)	18,730.00	1	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
<b>Consulting Services</b>							
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/ Post)	Type of Proposal	Comments
None							

### C. List of Awarded and On-going, and Completed Contracts

The following tables list the awarded and on-going contracts, and completed contracts.

#### 1. Awarded and Ongoing Contracts

<b>Goods and Works</b>							
Package Number	General Description	Estimated Value (\$)	Actual Contract Amount (\$)	Procurement Method	Advertisement Date	Date of ADB Approval of Contract Date	Comments
CW13.1	Irrigation Subprojects, Tboung Khmum province (3 schemes: 995 ha)	2,565,971.00	2,234,441.34	NCB	Q4/2020		Soeun Soknan Construction Co., Ltd. (PCSS No. 0018, 0002, 0001)
CW17d-CFAVC-MRD-KPC-01-2020	Rural Road improvement (DBST) Kampong Cham province (14.74 km)	2,211,000.00	1,714,195.29	NCB	Q1/2021		MTA Construction Co., Ltd (PCSS 0035, 0006 & 0012
CW17a-CFAVC-MRD-KPC-01-2020	Rural Road improvement (DBST) Kampot province (20.10km)	2,535,380.05	2,144,304.98	NCB	Q1/2021		Royal Mekong
CW17b-CFAVC-MRD-KPC-01-2020	Rural Road improvement (DBST)	2,436,504.00	2,123,018.50	NCB	Q4/2020		Henan Water (PCSS 0032, 0004 & 0009); Hout Chhoun (PCSS

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	Takeo province 14.67km)						0033, 0005 & 0010)
CW17c-CFAVC-MRD-TBK-01-2020	Rural Road improvement (DBST) Tboung Khmum province (21.83 km) 2 Lots	2,684,299.57	2,684,299.57	NCB	Q4/2020		Heng Sambat Co., Ltd (Import Export Transportation and Construction)
CW3a	Construction of Agricultural Cooperative Storage Units (including equipment) – for 4 provinces: 20 Units	1,860,030.00	1,589,932.93	NCB	Q4/2020		Hout Chheoun Construction Co.,Ltd. (PCSS 0025-0028)
CW7	Construction of Mechanization Workshops (including major & minor equipment) & Supervision	198,511.38	186,530.61	NCB	Q4/2020		Hout Chheoun Construction Co.,Ltd. Kampt (PCSS 0022) Tboung Khmum (PCSS 0024) Kampong Cham (PCSS 0023)
CW4	Construction of Training Building for PADC & Equipment	259,560.00	282,431.93	NCB	Q4/2020		Hout Chheoun Construction Co.,Ltd. Takeo (PCSS 0019) Tboung Khmum (PCSS 0020) Kampong Cham (PCSS 0021)
G15 (2021)	Motorcycle (16 units)	35,200.00	27,168.00	SHOPPING	Q4/2020	13-Jul-22	O.M.C. Co., Ltd. (PCSS 0038)
G14 (2021)	Pick-up Vehicles (2 units)	80,000.00	55,200.00	SHOPPING	Q4/2020	13-Jul-22	HGB Auto Co., Ltd (PCSS 0037)
CW3b1/CFAVC/MAFF/2022	Construction Agricultural Cooperative (AC) Storage: 21units: Lot 1 in Kampt and Lot 2 in Takeo	2,443,781.00	2,096,944.91	NCB	Q2-2022	Prior review 3-Nov-22	KBH Construction Co., Ltd
CW3b2/CFAVC/MAFF/2022	Construction Agricultural Cooperative (AC) Storage: 14units: Lot 1 in Kampong Cham and Lot 2 in Tboung Khmum	2,010,591.00	1,871,564.22	NCB	Q3-2022	Post review 1-Dec-22	KBH Construction Co., Ltd
Lot 1: CW3b3/CFAVC/MAFF/2022	Construction of Agricultural Cooperative Storage Basic infrastructure and design: 25 units: Kampt 4 units Takeo 12 units KC 4 units TBK 5 units	3,110,901.04	2,647,877.59	NCB	January 2023	3 May 2023	KBH Construction Co., Ltd
CW21-IA-GDA/CFAVC/MAFF/2022	Renovation of Plant Tissue Laboratory, Bio-fertilizer and Bio-pesticide Testing Laboratory (of NAL under GDA)	91,397.00	139,167.67	Shopping with Advertise	Q2-2022	23-Aug-2022	Taing Cheng Oing Construction & Import Export Co., Ltd PCSS 0041
CW20-IA-GDA/CFAVC/MAFF/2022	Construction of Net Houses (of NAL under GDA)	24,000.00	24,350.92	Shopping without Advertise	Q2-2022	16-Jun-2022	KASEGRO CO., LTD PCSS 0040
CFAVC-MOWRAM-TEO CW15.1 (2020)	Irrigation Subprojects, Takeo province (2 schemes: 750 ha)  Prey Kdouch (550 ha) Krain Ampil (200 ha)	1,664,000  1,230,800 433,200	1,392,848.85	NCB	18 March 2021	03 January 2022	K.B.H Construction Co., Ltd. (PCSS No. 0031, 0003, 0008)
CFAVC-MOWRAM-	Irrigation Subprojects, Kampt province (1	675,700	621,018.47	NCB	25 January 2022	14 December 2022	K.B.H Construction Co., Ltd.

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KPT-CW12.1 (2020)	scheme) Prey Takouch (450 ha)						(PCSS No. 0051, 0012, 0020)
CFAVC-MOWRAM-KPC-CW14.1 (2020)	Irrigation Subprojects, Kampong Cham province (2 schemes: 1,220 ha)  Pram Kompheak (from 635 to 900 ha) O Kamprok (320 ha)	2,147,000  1,247,000 900,000	2,201,388.94	NCB	27 August 2021	30 December 2022	Peng Sour Construction Co., Ltd (PCSS No. 0050, 0011, 0019)
CFAVC-MOWRAM-KPT-CW12-2B (2021)	Irrigation Subprojects, Kampot province (2 schemes)  Kandoal Feeding Canal (750ha), Bravoek Pong Reservoir (70 ha)	2,148,936	2,667,165.77	NCB	31 March 2023	09 October 2023	Chheavnita Construction Co., Ltd (ADB NOL 16 Jan 2024)
CFAVC-RWHP-KAM-CW01-A.1	The Construction and Rehabilitation of 80 Rain Water Harvesting Ponds in Kampot Province	1,052,264	1,159,762.42	NCB	22 November 2022	27 July 2023	Peng Sour Construction Co., Ltd (ADB NOL 4 July 2023)
CW17a-CFAVC-MRD-KP-1A & 2A-Batch 2	Rural Road Improvement (DBST/Concrete) in Kampot Province. Total (22.061km)  Lot 1: Road Improvement total (12.963 km): 1. Trapeang Ta Meas-Ou Kandal (6.395 km); 2. Prey Krang Khang Cheung-Trapeang Chhuk (6.568 km).  Lot 2: Road Improvement total (9.098 km) 1. Snay Anhchit – Thlok Yul (3.817 km); 2. Trapeang Run-Bariveas (5.281 km)	3,605,058.00  2,201,113.23  1,403,944.77	3,273,269.23  1,999,673.93  1,273,595.30	NCB			Henan Water Construction Group Co., Ltd  6 Stars Construction Co., Ltd
CW17b-CFAVC-MRD-TK-1A&2A-Batch 2	Rural Road Improvement (DBST/Concrete) in Takeo Province. Total (26.737 km)  Lot 1: Total (13.976 km) 1. Angh Trav-Stueng (8.203km); 2. Trav Aem-Angk Baksei (5.773 km)  Lot 2: Total (12.761 km) 1. Trapeang Srangae-Ang Tnaot Khang Lech (3.970 km); 2. Yeay La-Trapeang Chak (3.385 km); 3. Ta Pov-Han Tea (5.406 km)	4,056,654.00  2,131,618.83  1,925,035.17	3,716,735.16  1,836,447.70  1,880,287.46	NCB			6 Stars Construction Co., Ltd  C.NO Construction and Investment Co., Ltd
CW17d-C FAVC - MRD-KC-1A & 2A-Batch 2	Rural Road Improvement (DBST/Concrete) in Kampong Cham	3,577,993.66	3,348,295.48	NCB			

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	Province. Total (22.065 km)						
	Lot 1: Total 9.425 km: 1. From Andoung Snay-Sdok Thum (3.925 km); 2. From Trapeang Kor-Trapeang Thma (5.500 km)	1,417,291.71	1,362,724.53				M.T.A Construction Co., Ltd
	Lot 2: Total 12.640Km: 1. From Dankao-Trapeang Bei (7.657 km); 2. From Pou Sala Ti Muoy-Sach Sour (4.983 km)	2,160,701.95	1,985,570.95				6 Stars Construction Co., Ltd

Consulting Services							
Package Number	General Description	Estimated Value	Awarded Contract Value	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
CS2	Capacity Building and Climate Smart Agriculture Consulting Firm	3,478,429.00	3,265,076.00	QCBS	Q2 / 2018	13-SEP-19	eGen Consultants Ltd. in association with SBK Research and Development Co. Ltd., Okapi Environment Consulting and International Center for Tropical Agriculture (PCSS 0004)
CS5	Feasibility Study & Detailed Engineering Design consulting firm (for irrigation and rural roads)	2,622,704.00	2,313,414.00	QCBS	Q2 / 2018	03-JUN-19	Resources Development Consultants (PVT) Ltd. (Sri Lanka) in association with (PCS 0005)
CS1	Project implementation consultants (PIC)	4,379,920.00	4,158,200.00	QCBS	Q2 / 2018	03-JUN-19	Agriconsulting Europe SA (AESAs) (Belgium) in association with SBK Research and Development Co., Ltd (Cambodia) (PCSS 0003)

## D. National Competitive Bidding

### A. Regulation and Reference Documents

1. The procedures to be followed for national competitive bidding shall be those set forth for the "National Competitive Bidding" method in the Government's Procurement Manual issued under Sub-Decree Number 74 ANKR.BK, updated version dated 22 May 2012 with the clarifications and modifications described in the following paragraphs. These clarifications and modifications are required for compliance with the provisions of the Procurement Guidelines.

2. For the procurement of ADB financed contracts under National Competitive Bidding (NCB) procedures, the use of harmonized national bidding documents (NCB and National Shopping) developed in consultation with development partners including ADB, is mandatory except where the Government and ADB have agreed to amendments to any part of the documents. The Procurement Manual also advises users to check the ADB website from time to time for any update on ADB documents, which form the basis, among others, of the existing harmonized national bidding documents.

## **B. Procurement Procedures**

### **1) Application**

3. Contract packages subject to National Competitive Bidding procedures will be those identified as such in the project Procurement Plan. Any change to the mode of procurement of any procurement package in the Procurement Plan shall be made through updating of the Procurement Plan, and only with prior approval of ADB.

### **2) Sanctioning**

4. Bidders shall not be declared ineligible or prohibited from bidding on the basis of barring procedures or sanction lists, except individuals and firms sanctioned by ADB, without prior approval of ADB.

### **3) Rejection of all Bids and Rebidding**

5. The Borrower shall not reject all bids and solicit new bids without ADB's prior concurrence. Even when only one or a few bids is/are submitted, the bidding process may still be considered valid if the bid was satisfactorily advertised and prices are reasonable in comparison to market values.

### **4) Advertising**

6. Bidding of NCB contracts shall be advertised on the ADB website via the posting of the Procurement Plan. Borrowers have the option of requesting ADB to post specific notices in the ADB website.

## **C. Bidding Documents**

### **1) Use of Bidding Documents**

7. The Standard National Competitive Bidding Documents provided with the Government's Procurement Manual shall be used to the extent possible both for the master bidding documents and the contract-specific bidding documents. The English language version of the procurement documents shall be submitted for ADB review and approval in accordance with agreed review procedures (post and prior review) as indicated in the Procurement Plan. The ADB-approved procurement documents will then be used as a model for all procurement financed by ADB for the project.

### **2) Bid Evaluation**

8. Bidders shall not be eliminated from detailed evaluation on the basis of minor, non-substantial deviations.

9. A bidder shall not be required, as a condition for award of contract, to undertake obligations not specified in the bidding documents or otherwise to modify the bid as originally submitted.

### **3) Employer's Right to Accept or Reject Any or All Bids**

10. The decision of the Employer to accept or reject any or all bids shall be made in a transparent manner and involve an obligation to inform of the grounds for the decision through the bid evaluation report.

#### **4) ADB Policy Clauses**

11. A provision shall be included in all NCB works and goods contracts financed by ADB requiring suppliers and contractors to permit ADB to inspect their accounts and records and other documents relating to the bid submission and the performance of the contract, and to have them audited by auditors appointed by ADB.

12. A provision shall be included in all bidding documents for NCB works and goods contracts financed by ADB stating that the Borrower shall reject a proposal for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the contract in question.

13. A provision shall be included in all bidding documents for NCB works and goods contracts financed by ADB stating that ADB will declare a firm or individual ineligible, either indefinitely or for a stated period, to be awarded a contract financed by ADB, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices or any integrity violation in competing for, or in executing, ADB-financed contract.

Appendix 4: Procurement Monitoring and Tracking Form (PMTF)

Appendix 4.1 - Procurement Monitoring and Tracking Form (Ministry of Rural Development)

TRACKING RECORD ON CONTRACTS MANAGEMENT FOR WORKS

No	Contract No.	Contract Description	Actual KM	Prior (P) or Post Review (PR)	Method of Selection	Planned(PL)/Accrual(AC)	Cost Estimate (Amount)	Bidding Documents and Bidding Process				Bid Evaluation/contract award recommendations				Contracts			Construction Period		
								EA sent BD to DP for NOL (Date)	EA received DP's NOL (Date)	Bid Invitation Issued (Date)	Bids Opened (Date)	Completion of Evaluation by BEC	EA PRC's Approved on BER(Date)	EA sent BER to DP for Approved (Date)	EA received DP's NOL (Date)	Contract Signed (Date)	Contractor's Name	Contract Amount (\$)	Commencement (Date)	Contract Completion (Date)	Work Extension
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
<b>Batch 1</b>																					
1	CW17b-CFAVC-MRD-TK3&TK4-2020	Lot 1, Improve 1 Road, 10.00 Km, (Takeo)	10.00	(P)	NC B	P L	\$1,420,261.51	12/2/2020	3/11/2021	3/19/2021	12/05/2021	11/10/2021	14/10/2021	14/10/2021	08/11/2021	18/01/2022	Henan Water Construction Group Co., Ltd.	\$1,243,719.86	28-01-2022	22-07-2023	22-04-2024
		Lot 2, Improve 1 Road, 4.67.00 Km, (Takeo)	4.67				\$907,354.22										Hout Chhoeun Construction Co., Ltd.	\$879,298.64	28-01-2022	22-07-2023	22-04-2024
2	CW17c-CFAVC-MRD-TBK5&TBK6-2020	Lot 1, Improve 1 Road, 9.774km (Tboung Khmum)	9.774	(PR)	NC B	P L	\$1,512,021.45	Post Review	6/2/2021	7/2/2021	7/23/2021	7/28/2021	7/29/2021	25/04/2022	17/05/2022		Heng Sambat Co., Ltd Import Export Transportation and Construction.	\$1,239,711.20	26-05-2022	17-11-2023	31-08-2024
		Lot 2, Improve 1 Road, 12.00km (Tboung Khmum)	12.00				\$1,685,110.88										Heng Sambat Co., Ltd Import Export Transportation and Construction.	\$1,444,588.37	26-05-2022	17-11-2023	31-08-2024
3	CW17d-CFAVC-MRD-KC7&KC8-2020	Lot 1, Improve 1 Road, 9.882km (Kampong Cham)	9.882	(PR)	NC B	P L	\$1,280,831.31	Post Review	6/2/2021	7/2/2021	7/23/2021	7/28/2021	7/29/2021	12/04/2022	5/9/2022		MTA Construction Co., Ltd.	\$1,103,011.81	25-10-2022	17-04-2024	31-07-2024
		Lot 2, Improve 1 Road, 4.721km (Kampong Cham)	4.721				\$736,328.11										MTA Construction Co., Ltd.	\$611,183.48	25-10-2022	17-04-2024	31-07-2024
4	CW17a-CFAVC-MRD-KP1&KP2-2020	Lot 1, Improve 1 Road, 11,948.05m (Kampot)	11.948	(PR)	NC B	P L	\$1,488,481.62	Post Review	8/10/2021	9/9/2021	10/20/2021	11/2/2021	11/2/2021	11/05/2022	6/29/2022		Royal Mekong Construction & Development Pte., Ltd.	\$1,266,929.22	03-10-2022	26-03-2024	26-06-2024



		Lot 2, Improve 1 Road, 8,104.00m (Kampot)	8.104				\$1,046,898.43										Royal Mekong Construction & Development Pte., Ltd.	\$877,375.76	03-10-2022	26-03-2024	26-06-2024
	<b>Sub-Batch 1</b>		<b>71.099</b>				<b>\$10,077,287.53</b>											<b>\$8,665,818.34</b>			
<b>Batch 2</b>																					
1	CW17b-CFAVC-MRD-TK-1A & 2A-Batch 2	Lot 1, Improvement of 13.976 km (Takoe)	13.976	(PR)	NC B	P L	\$2,153,628.30	Post Review	9/29/2022	10/27/2022	12/29/2022	1/12/2023	1/12/2023	1/14/2023	2/3/2023		6 Stars Construction Co., Ltd	\$1,836,447.70	01-08-2023	22-01-2025	
		Lot 2, Improvement of 12.761 km (Takoe)	12.761				\$1,940,547.87										C.NO Construction & Investment Co., Ltd	\$1,880,287.00	01-08-2023	22-01-2025	
2	CW17a-CFAVC-MRD-KP-1A & 2A-Batch 2	Lot 1, Improvement of 12.963 km (Kampot)	12.963	(PR)	NC B	P L	\$2,293,416.51	Post Review	1/27/2023	2/27/2023	4/28/2023	5/24/2023			6/16/2023		Henan Water Construction Group Co., Ltd.	\$1,999,673.93	18-10-2023	10-04-2025	
		Lot 2, Improvement of 9.098 km (Kampot)	9.098				\$1,454,917.97										6 Stars Construction Co., Ltd	\$1,273,595.30	18-10-2023	10-04-2025	
3	CW17d-CFAVC-MRD-KC-1A & 2A-Batch 2	Lot 1, Improvement of 9.425 km (Kampong Cham)	9.425	(PR)	NC B	P L	\$1,496,416.30	Post Review	1/27/2023	2/27/2023	4/28/2023	5/24/2023			6/16/2023		MTA Construction Co., Ltd.	\$1,362,724.53	07-12-2023	30-05-2025	
		Lot 2, Improvement of 12.460 km (Kampong Cham)	12.460				\$2,284,981.44										6 Stars Construction Co., Ltd	\$1,985,570.95	07-12-2023	30-05-2025	
4	CW17c-CFAVC-MRD-TBK-1A & 2A-Batch 2	Lot 1, Improvement of 16.370 (Tboung Khmum)	16.370	(PR)	NC B	P L	\$2,306,669.43	Post Review	5/2/2022	5/31/2023	7/25/2023	8/15/2023			9/22/2023		Royal Mekong Construction & Development Pte., Ltd.	\$2,106,016.03	6/27/2024	12/19/2025	
		Lot 2, Improvement of 12.891 km (Tboung Khmum)	12.891				\$2,399,346.74										Royal Mekong Construction & Development Pte., Ltd.	\$2,237,647.08	6/27/2024	12/19/2025	
	<b>Sub-Batch 2</b>		<b>99.944</b>				<b>\$16,329,924.56</b>											<b>\$14,681,962.52</b>			
<b>Batch 3</b>																					
1	CW17c-CFAVC-MRD-TBK-1A-Batch 3	Improvement of 21.806 km (Tboung Khmum)	21.806	(PR)	NC B	P L	\$2,999,836.29	Post Review	1/25/2024	2/26/2024	3/21/2024	3/29/2024			5/8/2024		6 Stars Construction Co., Ltd	\$2,714,680.92	7/1/2024	12/23/2025	
2	CW17d-CFAVC-MRD-KC-1A-Batch 3	Improvement of 7.78 km (Kampong Cham)	7.780	(PR)	NC B		\$2,374,345.22	Post Review	5/7/2024	6/6/2024											
m	CW17a-CFAVC-MRD-KP-1A-Batch 3	Improvement of 12.39 km (Kampot)	12.390	(PR)	NC B		\$2,420,789.25	Post Review	5/7/2024	6/6/2024											

4	CW17b-CFAVC-MRD-TK-1A-Batch 3	Improvement of 20.08 km (Takeo)	20.080	(PR)	NC B														
5	CW17b-CFAVC-MRD-TK-2A-Batch 3	Improvement of 18.43 km (Takeo)	18.430	(PR)	NC B														
	<b>Sub-Batch 3</b>		80.486				\$7,794,970.76												\$2,714,680.92
	<b>Grand Total</b>		503.058				\$34,202,182.85												\$26,062,461.78

Appendix 4.2 – Procurement Monitoring and Tracking Form (MAFF)

Procurement Monitoring and Tracking Form, Goods

Updated: 30 June 2024

No.	Contract No.	Description of Goods	Procurement Method	Prior Review (Prior of Post Review (Post)	Plan(P)/Schedule(S)/Actual(A)	Cost Estimate/Actual Cost (US\$)	Completion of draft Bidding Document	Submission to PRC	Approval of draft Bid Docs by PRC	Submit to the Bank for NOL	NOL by the Bank	Advertisement of IFB	Bid submission closing/ public opening	Issue of minute to the Bank/bidders	Completion of BER	Submit BER for PRC Approval	Approval by PRC	Submit BER for the Bank's NOL	Receipt of Bank NOL	Notification of Award	Contract signature	Signed Contract to Add	Estimated Contract End Date	Disbursement	Status/Justification
1	2	3	4	5	6	7.00	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
1	G6/GD-001/MAFF/2019	The Supply of 47 Motorcycles for CFAVC	NS With Ads	Post	Plan	96,242.00				N/A	N/A			N/A					N/A	3-Jan-00					
					Actual	78,114.00			4-Dec-18	N/A	N/A	7-Dec-18	21-Dec-18		5-Jan-19	10-Jan-19	15-Jan-19	N/A	N/A		23-Jan-19	12-Feb-19			
2	G5/GD-002/CFAVC/MAFF/2019	The Supply of 15 Pick-up Trucks for CFAVC	NCB	Post	Plan	795,532.00				N/A	N/A														
					Actual	419,250.00				N/A	N/A		17-Jan-19								19-Feb-19	27-Feb-19	22-May-19		
3	G-12/GD003/CFAVC/MAFF/2019	The Supply Office Appliance	NS Without Ads	Post	Plan	11,600.00				N/A	N/A														
					Actual	11,240.00			21-Oct-19	N/A	N/A	1-Nov-19	6-Nov-19										15-Nov-19	29-Nov-19	
4	G11/GD-004/CFAVC/MAFF/2019	The Supply of Office Furniture	NS With Ads	Post	Plan	61,970.00				N/A	N/A														
					Actual	61,731.00			21-Oct-19	N/A	N/A	5-Nov-19	21-Nov-19										18-Dec-19	17-Jan-20	
5	G10/GD-005/CFAVC/MAFF/2019	The Supply Office Equipment	NCB	Post	Plan	123,400.00				N/A	N/A														
					Actual	123,447.00			21-Oct-19	N/A	N/A	1-Nov-19	3-Dec-19											25-Dec-19	7-Feb-20
6	G13/GD-001/CFAVC/MAFF/2020	The Supply of 05 Units Pick-up Truck for PMU/MAFF	NCB	Post	Plan	150,000.00				N/A	N/A														
					Actual	137,500.00			21-Oct-19	N/A	N/A	25-Oct-19	25-Nov-19											7-Feb-20	1-Jun-20
7	001/GD/2020/CFAVC/MAFF	The Supply of Office Stationery for PMU	NS Without Ads	Post	Plan	6,000.00				N/A	N/A														
					Actual	4,950.60				N/A	N/A	24-Aug-20	31-Aug-20											4-Sep-20	11-Sep-20
8	002/GD/2020/CFAVC/MAFF	The Supply and Installation Wheel Tire for 5 Pick-up Mazda	NS Without Ads	Post	Plan	4,000.00				N/A	N/A														
					Actual	3,560.00			29-Aug-20	N/A	N/A	1-Sep-20	7-Sep-20											11-Sep-20	18-Sep-20
9	G14/GD-001/CFAVC			Post	Plan	80,000.00				N/A	N/A														

		The supply & Delivery of 02 units of Pickup Trucks	NS With Ads		Actual	55,200.00				N/A	N/A									21-Feb-22	30-Mar-22	
10	G15/GD-002/CFAVC	The supply & Delivery of 16 units of Motorcycles	NS Without Ads	Post	Plan	35,200.00				N/A	N/A											
					Actual	27,168.00				N/A	N/A											
14	G1	Biotechnology (NAL) Laboratory (including tissue culture house equipment)	ICB	Post	Plan	1,921,673.00				N/A	N/A											
					Actual					N/A	N/A											
12	G1a	Biotechnology (NAL) Laboratory (including tissue culture house equipment)	NCB	Prior	Plan	997,750.00				N/A	N/A											
					Actual					N/A	N/A	7-Apr-22	9-May-22			7-Apr-23	20-Apr-23					
11	G2	Rapid Test Kits + Bio / Organic Fertilizer Laboratory (materials and equipment)	NCB	Prior	Plan	1,007,722.18																
					Actual																	
16	G3	Equipment & Materials for 15 Drip Irrigations systems (includes tube wells/water source connection, solar pumps and other agricultural inputs and training)	NCB	Prior	Plan	805,617.00																
					Actual																	
13	G4	Equipment for mechanization workshop for 4 provinces (Tboung Khmum, Kampong Cham, Kampot, and Takeo)	NCB	Post	Plan	634,076.00				N/A	N/A											
					Actual					N/A	N/A											
17	G7	ICT equipment training and studies	ICB	Prior	Plan	3,502,131.00				N/A	N/A	N/A										
					Actual					N/A	N/A	N/A										
18	G8	Six paddy milling equipment	NCB	Post	Plan	112,382.00				N/A	N/A	N/A										
					Actual					N/A	N/A	N/A										
19	G9	Five unit of Maize shellers (2 Tons)	NS Without Ads	Post	Plan	18,730.00				N/A	N/A	N/A										
					Actual					N/A	N/A	N/A										
15	G16	Supply circulated cylinder dryers for the 100-ton warehouses (2 Units x US\$200,000) - Supply electrical voltage transformer set for 2 Units x \$30,000) circulated cylinder dryers	NCB	Post	Plan	460,000.00				N/A	N/A											
					Actual					N/A	N/A											
<b>Total (Goods)</b>					<b>Plan</b>	<b>10,824,025.18</b>																
					<b>Actual</b>	<b>922,160.60</b>																
<b>Budget Balance (Goods)</b>						<b>9,901,864.58</b>																-

Procurement Monitoring and Tracking Form, Works

Updated: 30 June 2024

No	Contract No.	Description of Works	Procurement method	Prior Review (Prior) of Post	Plan(P)/Schedule(S)/Actual(A)	Cost Estimate/Actual Cost (US\$)	Completion of	Completion of draft Bidding	Submit to PRC	Approval of draft Bid Docs	Submit the Bank for NOL	NOL by the Bank	Advertisement of IFB	Bid submission closing/ public	Issue of minute to the	Completion of BER	Submit BER for PRC Approval	Approval by PRC	Submit BER for the Bank's NOL	Receipt of Bank NOL	Notification of	Contract signature	Singed Contract to	Estimated Contract End	Disbursement	Status/Justification
<b>Total</b>																										
1	CW20/001/CFAVC/ MAFF	Office Partition and Electronic Connection	Shopping without Advertising	Post	Plan Actual	3,000.00 3,244.60						21-Oct-19	01-Nov-19	07-Nov-19	N/A				N/A	N/A		13-Nov-19		21-Nov-19		
2	Lot1: CW7/CFAVC/MAFF/2021/01	Construction of Mechanization Engineering Workshop-PDAFF-KPT	NCB	Prior	Plan Actual	60,154.00 62,176.87							16-Oct-20	16-Nov-19		10-Mar-21	10-Mar-21	16-Mar-21	06-Apr-21	20-Apr-21		16-Aug-21		11-Apr-22		
3	Lot2: CW7/CFAVC/MAFF/2021/02	The Construction of Mechanization Engineering Workshop-PDAFF-TBK	NCB	Prior	Plan Actual	60,154.96 62,176.87							16-Oct-20	16-Nov-19		10-Mar-21	10-Mar-21	16-Mar-21	06-Apr-21	20-Apr-21		16-Aug-21		11-Apr-22		
4	Lot3: CW7/CFAVC/MAFF/2021/03	The Construction of Mechanization Engineering Workshop-PDAFF-KCM	NCB	Prior	Plan Actual	60,154.96 62,176.87							16-Oct-20	16-Nov-20		10-Mar-21	10-Mar-21	16-Mar-21	06-Apr-21	20-Apr-21		16-Aug-21		11-Apr-22		
5	Lot1: CW4/CFAVC/MAFF/2021/08	The Construction of Training Building-PADC & Equipment-TAK	NCB	Prior	Plan Actual	535,660.78 94,290.68							19-Oct-20	18-Nov-20		10-Mar-21	10-Mar-21	18-Mar-21	18-Mar-21	30-Jul-21		16-Aug-21		11-Apr-22		
6	Lot2: CW4/CFAVC/MAFF/2021/09	The Construction of Training Building-PADC & Equipment-TBK	NCB	Prior	Plan Actual	535,660.78 92,954.64							19-Oct-20	18-Nov-20		10-Mar-21	10-Mar-21	18-Mar-21	18-Mar-21	30-Jul-21		16-Aug-21		11-Apr-22		
7	Lot3: CW4/CFAVC/MAFF/2021/10	The Construction of Training Building-PADC & Equipment-KCM	NCB	Prior	Plan Actual	535,660.78 95,186.61							19-Oct-20	18-Nov-20		10-Mar-21	10-Mar-21	18-Mar-21	18-Mar-21	30-Jul-21		16-Aug-21		11-Apr-22		
8	Lot1: CW3a/CFAVC/MAFF/2021/04	The Construction of Rice Seed Storage & Grain Storage-PDAFF-KPT	NCB	Prior	Plan Actual	401,745.59 366,834.92							19-Oct-20	18-Nov-20		05-May-21	05-May-21	10-May-21	10-May-21	08-Sep-21		9-Sep-21		08-Dec-21		
9		The Construction of	NCB		Plan	401,745.59																				

	Lot2: CW3a/CFAVC/MAFF/2021/ 05	Rice Seed Storage & Grain Storage- PDAFF-TAK		Prio r	Actual	352,019.30								19- Oct- 20	18- Nov -20			05- May -21	05- May -21	10- May -21	10- May -21	08- Sep -21		9- Sep -21		08- Dec -21		
10	Lot3: CW3a/CFAVC/MAFF/2021/ 06	The Construction of Rice Seed Storage & Grain Storage- PDAFF-KCM	NCB	Prio r	Plan	401,745.59																						
					Actual	412,637.88								19- Oct- 20	18- Nov -20			05- May -21	05- May -21	10- May -21	10- May -21	08- Sep -21		9- Sep -21		08- Dec -21		
11	Lot4: CW3a/CFAVC/MAFF/2021/ 07	The Construction of Rice Seed Storage & Grain Storage- PDAFF-TBK	NCB	Prio r	Plan	401,745.59																						
					Actual	458,440.83								19- Oct- 20	18- Nov -20			05- May -21	05- May -21	10- May -21	10- May -21	08- Sep -21		9- Sep -21		08- Dec -21		
12	CW19a/CFAVC/MAFF/202 1-01	Installation and commissioning of 500 biogas and 250 compost huts- Lot 1: Kampot/01	NCB	Prio r	Plan	91,002.25																						
					Actual									1st - 11- jun- 21 2nd - 24- Jun- 22	7- Dec -2021 28- Jul- 22		15- Sep -21	15- Sep -21	20- Sep -21	11- Oct- 21	22- Apr- 22							
13	CW19a/CFAVC/MAFF/202 1-02	Installation and commissioning of 500 biogas and 250 compost huts- Lot 2: Takeo/02	NCB	Prio r	Plan	91,002.25																						
					Actual									1st - 11- jun- 21 2nd - 24- Jun- 22	28- Jul- 22		15- Sep -21	15- Sep -21	20- Sep -21	11- Oct- 21	22- Apr- 22							
14	CW19a/CFAVC/MAFF/202 1-03	Installation and commissioning of 500 biogas and 250 compost huts - Lot 3: Kampong Cham/03	NCB	Prio r	Plan	91,002.25																						
					Actual									1st - 11- jun- 21 2nd - 24- Jun- 22	12- Jul- 21		15- Sep -21	15- Sep -21	20- Sep -21	11- Oct- 21	22- Apr- 22							
15	CW19a/CFAVC/MAFF/202 1-04	Installation and commissioning of 500 biogas and 250 compost huts - Lot 4: Tboung Khum/04	NCB	Prio r	Plan	91,002.25																						
					Actual									1st - 11- jun- 21 2nd - 24- Jun- 22	12- Jul- 21		15- Sep -21	15- Sep -21	20- Sep -21	11- Oct- 21	22- Apr- 22							





19	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of Agricultural Cooperative Storage Units including Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, package-2 (14 units in 2021, Lot 1 (Kampongcham, 4 Units) - \$461,473.90 Lot 2 (Tboung Khmum, 10 Units) - \$1,540,524.10			Plan	1,540,524.10																		
					Actual	1,436,209.74					N/A	N/A	27-May-22	27-Jun-22		29-Oct-22	29-Oct-22	31-Oct-22	N/A	N/A		1-Dec-22	N/A	08-May-23
20	Lot 1: CW3b3/ CFAVC/ MAFF/2022	Construction of Agricultural Cooperative Storage Basic infrastructure and design: 25 units: Kampot 4 units Takeo 12 units KC 4 units TBK 5 units	NCB	Prior	Plan	3,110,901.40																		
					Actual	2,695,970.58						01-Jan-23			08-Apr-23	08-Apr-23	13-Apr-23	N/A	N/A		3-May-23			
21	Lot1: CW3b3/CFAVC/ MAFF/2023/01	Construction of Agricultural Cooperative Storage Lot 1: Kampot: 4 units: \$479,288.00	NCB	Post	Plan	479,288.00																		
					Actual	412,656.73				N/A	N/A	01-Jan-23	06-Feb-23		08-Apr-23	08-Apr-23	13-Apr-23	N/A	N/A		3-May-23	N/A	09-Oct-23	
22	Lot2: CW3b3/CFAVC/ MAFF/2023/02	Construction of Agricultural Cooperative Storage Lot 2: Takeo: 12 units: \$1,407,073.00	NCB	Post	Plan	1,407,073.00																		
					Actual	1,211,518.92				N/A	N/A	01-Jan-23	06-Feb-23		08-Apr-23	08-Apr-23	13-Apr-23	N/A	N/A		3-May-23	N/A	09-Oct-23	
23	Lot3: CW3B3/CFAVC/ MAFF/2023/03	Construction of Agricultural Cooperative Storage Lot 3: Kampong Cham: 4 units: \$552,347.00	NCB	Post	Plan	552,347.00																		
					Actual	483,447.47				N/A	N/A	01-Jan-23	06-Feb-23		08-Apr-23	08-Apr-23	13-Apr-23	N/A	N/A		3-May-23	N/A	09-Oct-23	
24	Lot4: CW3b3/CFAVC/ MAFF/2023/04	Construction of Agricultural Cooperative Storage Lot 4: Tboung Khmum: 5 units: \$672,169.00	NCB	Post	Plan	672,169.00																		
					Actual	588,347.46				N/A	N/A	01-Jan-23	06-Feb-23		08-Apr-23	08-Apr-23	13-Apr-23	N/A	N/A		3-May-23	N/A	09-Oct-23	



26	CW5	Renovation of Agriculture Extension Building in Kampot	Shopping without advertise	Post	Plan	12,000.00																			
					Actual						N/A	N/A						N/A	N/A			N/A			
27	CW11a	Construction of post-harvest processing infrastructures (Rice dryer platform, Dryer platform with green-house roofing) Lot 1: Tboung Khmum = 2 units Lot 2: Kampong Cham = 2 units	Shopping with advertise	Post	Plan	80,000.00																			
					Actual						N/A	N/A							N/A	N/A			N/A		
28	CW18	Repairing Glasshouse for Germplasm Maintenance + net house (for CARDI) (3 Lots)			Plan	769,445.00																			
					Actual						N/A	N/A							N/A	N/A			N/A		
29	CW19a	Installation and commissioning of 678 biodigesters (4m3) and compost huts (8m3) Package: Takeo: 6 lots = 180 units Kampot: 6 lots = 180 units Tboung Khmum: 4 lots = 126 units Kampong Cham: 6 lots = 192 units (22 Contracts)	Shopping without advertise	Post	Plan	905,164.00																			
					Actual						N/A	N/A							N/A	N/A			N/A		
31	CW19	Installation and commissioning of 5,322 bio-digesters and compost huts. (177 Contracts)	Shopping without advertise	Post	Plan	8,367,490.00																			
					Actual						N/A	N/A							N/A	N/A			N/A		

32	CW21/CFAVC/MAFF/2022	Renovation of Plant Tissue Laboratory, Biofertilizer and Biopesticide Testing Laboratory (of NAL under GDA)	Shopping with advertise	Post	Plan	100,000.00																			
					Actual	139,167.67					N/A	N/A	15-May-22	30-May-22	N/A					N/A	N/A		23-Aug-22	N/A	
33	CW22/CFAVC/MAFF/2022	Construction of Net Houses (of NAL under GDA)	Shopping without advertise	Post	Plan	24,000.00																			
					Actual	24,350.00					N/A	N/A	23-May-22	30-May-22						N/A	N/A		16-Jun-22	N/A	27-Jun-22
34	D1a	Demonstration and Training for Laser Land Levelling of 372.98 ha Takeo 2 Lots = 125.89ha Kampot: 1 Lots = 67.99ha Tboung Khmum: 1 Lot = 58.30ha Kampong Cham: 2 lots = 120.80ha (6 Contracts)	Shopping with advertise	Prior	Plan	279,735.00																			
					Actual																				
35	D1	Demonstration and Training for Laser Land Levelling for 2,627.02 ha (20 Contracts)	Shopping with advertise	Prior	Plan	1,979,592.00																			
					Actual																				
<b>Total (Works)</b>					Plan	<b>26,946,601.01</b>																			
					Actual	<b>11,586,108.03</b>																			
<b>Budget Balance (Works)</b>						<b>15,360,492.98</b>																			

Procurement Monitoring and Tracking Form

Updated: 30 June 2024

No.	Contract No.	Description of Services	Procurement Method	Prior Review (prior) of Post Review (Post)	Plan(P)/ Schedule(S)/Actual(A)	EOI Stage					RFP Stage					Evaluation Stage					Negotiation Stage					Status/Justification								
						Cost Estimate/Actual Cost (US\$)	Completion of draft TOR and NOL by the Bank for TOR	Advertisement of REOI	REOI closing date and	Submit draft RFP and short	Approval by PRC	Submit to the Bank's NOL	Receipt of Bank NOL on draft RFP and Short list	RFP sent to short list	Proposal Submission Closing Date	Technical Proposal Opening Date	Completion of Technical Evaluation Report & sent to PRC	Approval by PRC	Submit TER to the Bank for	NOL from the Bank	Invite short list firm to financial proposal opening	Opening of financial proposal qualified firms	Completion of combined tech & Fin evaluation report and sent	Approval by PRC	Submit to the Bank for info		Invitation for contract	Contract negotiation date	Draft negotiated contract	Submit to the Bank for NOL	NOL by the Bank	Contract Signing	Submit to the Bank for info	Disbursement Projection by
1	SER-001/2019	Project Implementation Consultant (PIC) - Package CS1 Consultant Service	QCBS	Prior	Plan	4,379,920.00					10-Jul-19																							Contract implementing
					Actual	4,158,200.00																10-Jul-19								16-Sep-19				
2	SER-002/2019	Capacity Building and Climate Smart Agriculture consulting firm - Package CS2 Consultant Service	QCBS	Prior	Plan	3,478,429.00					12-Jul-19																						Contract implementing	
					Actual	3,265,076.00																12-Jul-19								23-Sep-19				
3	SER-003/2019	Feasibility Studies and Detailed Engineering Design consulting firm – Package CS5 Consultant Service	QCBS	Prior	Plan	2,622,704.00					26-Sep-19																						Contract implementing	
					Actual	2,313,414.00																26-Sep-19								01-Nov-19				
4	SER-004/2021	Information and Communication Technology (ICT) Platform for Climate Risk Management in Agribusiness Value Chains in Kampong Cham Province	QCBS	Prior	Plan	1,737,401.00					05-Feb-21																							
					Actual	1,634,111.00							01-Jul-21	20-Jul-21	20-Oct-21	20-Oct-21	16-Nov-21					05-Sep-22	12-Sep-22	12-Sep-22	30-Sep-22	17-Oct-22								
5	CS3	Variety development by IRRI	SSS	Prior	Plan	2,787,015.00																												



## MOWRAM Procurement Monitoring and Tracking Form (Works)

### Procurement Monitoring and Tracking Form (Works)

No	Contract No.	Description of Works	Plan (P) / Actual (A)	Cost Estimate / Actual Cost	Bidding Documents and Bidding Process					Bid Evaluation/Contract Award					Contract		
					Approval of Draft Bid Docs by PRC	Submission to DP for NOL <sup>(a)</sup>	NOL by DP <sup>(b)</sup>	Advertisement of IFB	Bid Closing / Bid Opening	Completion of Evaluation by BEC	Submission to PRC	Approval by PRC	Submission to DP <sup>(c)</sup>	NOL by DP (d)	Issue of Notification of Award	Contract Signing	Signed Contract to DP
1	2	3	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	CFAVC-KP-TR-CW2	The Rehabilitation of Trapeang Run Irrigation Subproject in Kampot Province	P	632,097.27													
			A	685,283.09	15-May-20	21-May-20	N/A	20-May-20	19-Jun-20	24-Jun-20	24-Jun-20	16-Jul-20	10-Sep-20	28-Oct-20	3-Nov-20	10-Nov-20	20-Nov-20
2	CFAVC-MOWRAM-TBM-CW13.1	The Rehabilitation of Three (3) Schemes (Kbal Teuk, Tuol Pring, and Trapeang Tros) Irrigation Subprojects in Tbong Khmum Province	P	2,565,971.00													
			A	2,234,441.33	21-Jan-21	25-Jan-21	10-Mar-21	15-Mar-21	13-Apr-21	3-Jun-21	6-Jun-21	9-Jun-21	6-Jul-21	28-Jul-21	29-Jul-21	2-Aug-21	18-Aug-21
3	CFAVC-MOWRAM-TEO-CW15.1	The Rehabilitation of Two (2) Schemes (Prey Kdouch and Kraing Empil) Irrigation Subprojects in Takeo Province	P	1,749,734.69													
			A	1,392,848.85	10-Mar-21			18-Mar-21	19-Apr-21	3-Jun-21	6-Jun-21	9-Jun-21	2-Jul-21	11-Aug-21	17-Dec-21	3-Jan-22	18-Jan-22
4	CFAVC-MOWRAM-KPC-CW14.1	The Rehabilitation of Two (2) Schemes (Pram Kompheak and O'Kamprok) Irrigation Subprojects in Kampong Cham Province	P	2,589,443.50													
			A	2,201,388.95	25-Aug-21			27-Aug-21	27-Sep-21	25-Jan-22	17-Feb-22	17-Feb-22			20-Dec-22	30-Dec-22	9-Mar-23
5	CFAVC-MOWRAM-KPT-CW12.1	The Rehabilitation of Takoch Irrigation Subproject in Kampot Province	P	757,200.00													
			A	621,018.47	21-Jan-22			25-Jan-22	25-Feb-22	31-Mar-22	4-Apr-22	8-Apr-22			5-Dec-22	14-Dec-22	9-Mar-23
6	CFAVC-MOWRAM-TBM-CW13.2	The Rehabilitation of Two (2) Schemes (Tbong Damrei Community and Kampong Raing Feeding Canal) Irrigation Subprojects in Tbong Khmum Province	P	1,964,210.00													
			A	2,787,043.73	19-Apr-22			27-Apr-22	27-May-22	31-Jul-22	25-Aug-22	26-Aug-22			29-Sep-23	6-Oct-23	
7	CFAVC-MOWRAM-KPT-CW12.2A	The Rehabilitation of Trapeang Boeung Reservoir Irrigation Subproject in Kampot Province	P	2,011,961.20													
			A	2,519,988.18	20-Jun-22			13-Jul-22	12-Aug-22	30-Sep-22	11-Nov-22	11-Nov-22			2-Oct-23	9-Oct-23	6-Mar-24
8	CFAVC-MOWRAM-KPT-CW12.2B	The Rehabilitation of Two (2) Schemes (Kandal Irrigation System and Prawoek Pong Reservoir) Irrigation Subprojects in Kampot Province	P	2,148,936.78													
			A	2,667,165.77	29-Jun-22			13-Jul-22	12-Aug-22	30-Sep-22	11-Nov-22	11-Nov-22			2-Oct-23	9-Oct-23	6-Mar-24
9	CFAVC-MOWRAM-TBM-CW13.3	The Rehabilitation of Two (2) Schemes (Choam Tahoeung and Trapeang Ampil) Irrigation	P	2,726,000.0													

		Subprojects in Tbong Khmum Province	A						16-Sep-24	16-Oct-24								
10	CFAVC-MOWRAM-KPC-CW14.2	The Rehabilitation of Teuk Char West Irrigation Subproject in Kampong Cham Province	P	2,857,250.0														
			A					16-Sep-24	16-Oct-24									
11	CFAVC-MOWRAM-KPC-CW14.3	The Rehabilitation of Teuk Char East Irrigation Subproject in Kampong Cham Province	P	2,856,000.00														
			A					16-Sep-24	16-Oct-24									
11	CFAVC-MOWRAM-KPC-CW14.4	The Rehabilitation of Pou tattré Reservoir Irrigation Subproject in Kampong Cham Province	P	2,856,000.00														
			A					16-Sep-24	16-Oct-24									
12	CFAVC-MOWRAM-TEO-CW15.2	The Rehabilitation of Three (3) Schemes (Kwaeng Tayi, Plov Touk & Chrouk 1, and Prey Rumdeng Feeding Canal) Irrigation Subprojects in Takeo Province	P	2,867,160.00														
			A	2,458,543.73	24-Mar-23			31-Mar-23	2-May-23	7-Jul-23	4-Aug-23	4-Aug-23			2-Oct-23	9-Oct-23		
13	CFAVC-MOWRAM-TEO-CW15.3	The Rehabilitation of Two (2) Schemes (Pralay 42 and Pralay 95) Irrigations Subprojects in Takeo Province	P	2,339,235.15														
			A	2,331,210.89	14-Apr-23			20-Apr-23	19-May-23	28-Jul-23	25-Aug-23	25-Aug-23			2-Oct-23	9-Oct-23	19-Mar-24	
14	CFAVC-MOWRAM-TEO-CW15.4	The Rehabilitation of Three (3) Schemes (Ta Oum Reservoir, Sdok Sab, and Pou Tasuy) Irrigations Subprojects in Takeo Province	P	2,900,600.00														
			A					16-Sep-24	16-Oct-24									
15	CFAVC-RWHP-KAM-CW01-A.1	The Construction and Rehabilitation of 80 Rainwater Harvesting Ponds (RWHPs) in Kampot Province	P	1,052,264.00														
			A	1,159,762.42	14-Apr-22			22-Nov-22	19-Dec-22	28-Feb-23	6-Jun-23	6-Jul-23			13-Jul-23	27-Jul-23	22-Aug-23	
16	CFAVC-RWHP-KAM-CW01-A.2	The Construction and Rehabilitation of 72 Rainwater Harvesting Ponds (RWHPs) in Kampot Province	P	1,450,000.00														
			A					15-Aug-24	13-Sep-24									
17	CFAVC-RWHP-TBM-CW01-B.1	The Construction and Rehabilitation of 63 Rainwater Harvesting Ponds (RWHPs) in Tbong Khmum Province	P	1,372,555.00														
			A	1,324,598.16	24-Mar-23			31-Mar-23	2-May-23	1-Jun-23	28-Jul-23	28-Jul-23			27-Oct-23	27-Oct-23		
18	CFAVC-RWHP-TBM-CW01-B.2	The Construction and Rehabilitation of 70 Rainwater Harvesting Ponds (RWHPs) in Tbong Khmum Province	P	1,410,000.00														
			A					15-Aug-24	13-Sep-24									
19	CFAVC-RWHP-KPC-CW01-C.1	The Construction and Rehabilitation of 66 Rainwater Harvesting Ponds (RWHPs) in Kampong Cham Province	P	984,278.76														
			A	1,026,789.89	14-Apr-23			20-Apr-23	19-May-23	28-Jul-23	25-Aug-23	25-Aug-23			15-Nov-23	5-Dec-23		
20	CFAVC-RWHP-KPC-CW01-C.2	The Construction and Rehabilitation of 56 Rainwater Harvesting Ponds (RWHPs) in Kampong Cham Province	P	1,000,000.00														
			A					15-Aug-24	13-Sep-24									
21	CFAVC-RWHP-TEO-CW01-D.1	The Construction and Rehabilitation of 69 Rainwater Harvesting Ponds (RWHPs) in Takeo Province	P	1,310,336.00														

			A	1,264,292.58	24-Mar-23			31-Mar-23	2-May-23	1-Jun-23	28-Jul-23	28-Jul-23			15-Oct-23	5-Dec-23	
22	CFAVC-RWHP-TEO-CW01-D.2	The Construction and Rehabilitation of 45 Rainwater Harvesting Ponds (RWHPs) in Takeo Province	P	900,000.00													
			A				15-Aug-24	13-Sep-24									
			P	43,301,233.35													
Grand Total			A	24,674,376.04													
			Diff.														

**Note:**  
(a), (b), (c), & (d) For Post Review, Submissions to DP for NOL are not required. The column on the Submission to DP for NOL and NOL by DP will not be applied (LEAVE BLANK).

## Appendix 5: Loans Covenants Status

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 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.



No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
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	
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 other information concerning these documents and the audit thereof as ADB shall from time to time reasonably request.	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	Being complied with	Progress reports have been submitted every quarter

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					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.		
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.
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 rateably 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

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
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 banking transactions and securing a debt maturing not more than one year after its date.	Being Complied with	Agreed.
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 labour 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 Loan Agreement and the accomplishment of the purposes of the Loan.	To be complied	To be complied.

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
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 way the Grant proceeds have been used; and shall fully cooperate with such audit. 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.	Being Complied	Agreed.
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	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
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 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	Being Complied	Being complied. Separate accounts established. 4th annual audited project financial statement reports for FY2022 will be 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

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
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 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.	being complied	
34		Loan 3661	Schedule 5	3	Land Acquisition and Involuntary Resettlement. The Borrower shall ensure that all land and all- 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.

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
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 accordance with the RP; and (b) a comprehensive income and livelihood restoration program has been established in accordance with the RP.	Being complied	First package under advance action was put on hold until the project 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		
					<p>make available a budget for all such environmental and social measures.</p> <p>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.</p> <p>adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and</p> <p>fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.</p>		
39	Safeguards	Loan 3661	Schedule 5	8	<p>Safeguard Monitoring and Reporting.</p> <p>The Borrower shall do the following:</p> <p>submit semi-annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission.</p> <p>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 even and proposed corrective action plan in accordance with the SPS; and</p> <p>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.</p>	To be complied with	Semi-annual safeguards monitoring reports are submitted on-time
40	Safeguards	Loan 3661	Schedule 5	9	<p>Prohibited List of Investments.</p> <p>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.</p>	Being Complied	
41	Safeguards	Loan 3661	Schedule 5	10	<p>Labor Standards, Health and Safety.</p> <p>The Borrower shall ensure that the core labour standards and the Borrower's applicable laws and regulations are complied with during Project implementation. The Borrower shall include specific provisions</p>	Being Complied	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
					in the bidding documents and contracts financed by ADB under the Project requiring that the contractors, among others, (a) comply with all applicable labour laws and regulations of the Borrower; (b) do not use child labour; (c) do not discriminate workers in respect of employment and occupation; (d) do not use forced labour; and (f) disseminate information on the risks of sexually Z 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.		
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 satisfactory completion of such investigation.	Being Complied	
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	

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
45		Loan 3661	Schedule 5	18	The Borrower shall disclose, through its website, accessible by 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. About 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	
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 endeavour 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						

No	Covenant	Loan Agreement Reference				Compliance Status	Remarks/Issues
		Product	Schedule	Para No.	Description		
50		Loan 3661	Schedule 5	1	<p>Implementation arrangements.</p> <p>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</p>	To be complied with	

## Appendix 6: Performance Against DMF

Results Chain	Performance Indicators	Items	Unit	Baselines (2017)	Targets (2026)	Progress as of Q2 2024	Remarks (for the current quarter)
<b>Outcome:</b>	<b>By 2026</b>						
<b>Productive and resource efficient agribusiness value chains developed in project areas</b>	<b>a.</b> 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>b.</b> GHG emissions reduced (CO2)	CO2	tons	-	240,000	0	not yet due
	<b>c.</b> 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
<b>Outputs:</b>	<b>By 2024</b>						
<b>1. Critical agribusiness value chain infrastructure improved and made climate resilient</b>	<b>1a.</b> 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
	<b>1b.</b> 500 on-farm rainwater harvesting ponds commissioned (2017 baseline: 0).	Ponds	#	0	500	418	500 completed DED and 365 already awarded contract
<b>1c.</b> At least 250 km of farm road networks upgraded to climate	Farm road networks	Km	0	250	102	272 km completed DED;	

standards to improve connectivity of farms to cooperatives and markets (2017 baseline: 0).						143.08 km completed construction
<b>1d.</b> 80 agricultural cooperatives integrated adaptation measures in post-harvest infrastructure investments (2017 baseline: 5).	agricultural cooperatives	#	5	80	80	80 ACs Completed construction 100%
<b>1e.</b> 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%
<b>1f.</b> 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	179	The project identified 4,156 farmers of which 2,087 farmers are female for the potential to build the Biodigester; 179 biodigester demonstration construction completed and functioning with (716 beneficiaries (430 F)).
	compost huts	#	-	6,000	179	The project identified 4,156 farmers of which 2,087 farmers are female for the potential to build

							the Biodigester; 179 biodigester demonstration construction completed and functioning with (716 beneficiaries (430 F).	
		operational benefitting	Person	11,468	80,000	42,314	for both biodigesters and compost-huts	
		Women	Women	5,721	40,000	20,052	for both biodigesters and compost-huts	
<b>2. Climate smart agriculture and agribusiness promoted</b>	<b>2a.</b> 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		
	<b>2b.</b> 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		17,177	
		farmers trained in CSA and agribusiness development skills	women		16,000		8,050	
		50% are SRP compliant with direct links to millers and exporters	farmers		-	20,000		6,258
	<b>2c.</b> 27 FWUCs/FWUGs made operational, and 500 FWUC/FWUG members (of which 30% women) developed capacity to operate and	FWUCs/FWUGs made operational	FWUCs/FWUGs	0		27	17	17 completed (FWUCs already established), 10 not yet started

	maintain their irrigation schemes (2017 baseline: 0).	FWUC/FWUG members (representatives) developed capacity to operate and maintain their irrigation schemes	persons	0	500	369	369 FWUCs representatives of out 500 FWUCs 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 constructions
		engineering workshops	#	0	4	4	4 completed constructions
<b>3. Enabling environment for climate friendly agribusiness enhanced</b>	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 Agri-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		Rice miller	0	8	1		



	millers/exporters being part of alliance					
	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	
<b>3c.</b> 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	
<b>3d.</b> 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	
<b>3e.</b> 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	1,648	
		Women	0	20,000	614	
<b>3f.</b> ICT platform for climate friendly agribusiness established in	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

Kampong Cham province (2017 baseline: 0).						
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## Appendix 7: Progress of Gender Action Plan (GAP)

### Progress Report of Gender Action Plan Implementation As of 2QRT 2024

<b>Project Title</b>	: Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
<b>Country</b>	: Cambodia
<b>Project No</b>	: 48409-002
<b>Type of Project (Loan/Grant/TA)</b>	: Loan No. 3661-CAM (COL) / 8346 (EF) and Grant No. 0579 – CAM (EF)
<b>Approval and Timeline</b>	: 29 June 2018 approval and signing: 06 July 2018 closing date: 31 Mar. 2025 and revised to 30 September 2026.
<b>Gender Category</b>	: Effective Gender Mainstreaming (EGM)
<b>Project Director</b>	: Dr. Sam Chhom Sangha – MAFF, H.E. Chan Sinath – MOWRAM, and H.E. Chan Darong – MoRD.
<b>Project Officer</b>	: Dr. Srinivasan Ancha, Principal Climate Change Specialist, ADB HQ.
<b>Project Impact</b>	: Agricultural Competitiveness Improved
<b>Project Outcome</b>	: Productive and resource-efficient agribusiness value chain developed in the project areas.

The project is category of Effective Gender Mainstreaming – EGM. The Gender Action Plan Monitoring Table has 14 Targets/indicators and 7 Activities. To promote gender equality and women’s empowerment through enhancing women’s capacity in CSA production and processing, management and business, agricultural machinery use and maintenance, accessing and using financing and crop insurance, and through strengthening linkages between women-led enterprises and the agribusiness industry.

Progress Report of GAP implementation updated by the Project Quarterly Reports of the year 2023 and added more information and data as of 31 Jan. 2024.

Document 1: Progress of Gender Action Plan Implementation

Document 2: Status of Compliance with the Project Design and Monitoring Framework (DMF)

Document 3: Status of Compliance with Loan/Grant Covenants

<b>GAP Indicators</b>	<b>Completed</b>	<b>Achieved</b>	<b>On Track</b>	<b>Not yet due</b>	<b>Off Track</b>	<b>No longer relevant</b>
7 Actions	-	-	7	0	0	0
14 Targets	-	-	14	0	0	0

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient		
Women's time poverty and drudgery reduced through the provision of improved timesaving and gender-responsive infrastructure. OP 2.4		
<p>27 irrigation and water management systems targeting 15,000 ha and 25,000 households (with at least 50,000 women) rehabilitated (2017 baseline: 0) (DMF 1a OP 2.5.2)</p> <p>Target 1: On Track</p> <p>Responsibilities: PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; Design engineers Time frame: Q1 Y2 - Q4 Y4</p>	<p>- Batch I - 9 sub-projects constructed completed (100%). 1. Land 3,250 hectares implemented for 21.67% in progress. 2. Households 4,238 HHs implemented for 16.95% in progress. 3. Women 7,918 females (15.84% in progress) out of total population 16,573 persons for these 9 sub-projects implemented.</p> <p>- Batch II-III 10+8 sub-projects survey and Topo. - Reserve 2 sub-projects. These irrigation systems expected to irrigate and benefits to: - Land 14,769 hectares (98.46%). - Households of 18,913 HHs (75.65%). - Women of 46,528 persons of 93.06%. - Total population of 84,291 people.</p>	<p>Issue:</p> <p>Action: NGS works closely with all MOWRAM PMU to regular visit and collect the data on recent actual household and women who benefit from the irrigation systems.</p>
<p>6,000 additional biodigesters and 6,000 compost huts made operational, benefiting at least 40,000 persons, including at least 50% women, due to better air quality. (2017 baseline beneficiaries: 11,468 persons including 5,721 women). (DMF 1f. OP 2.4.1)</p> <p>Target 2: On Track</p> <p>Responsibilities: PMU MAFF (lead) &amp; PPIUs; GDAHP</p>	<p>Biodigesters: - 42,314 farmers (female =20,052 (47%) as compare with the DMF=105.78%) have been trained and received information about Biodigester in Training &amp; Capacity Building, Promotion &amp; Marketing, Monitoring &amp; Evaluation and Innovation &amp; 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:</p>	<p>Issue: Slow progress of biodigesters and compost-huts construction compared to the target.</p> <p>Action: PMU MAFF intensifies the promotion campaign and procurement to engage more people and especially the women to purchase and operate the biodigesters and compost-huts.</p>

<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.</p>	<p>Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)</p>
<p>Time frame: Q1 Y2– Q4 Y4</p>	<ul style="list-style-type: none"> <li>- 179 biodigesters construction completed and functioning with (716 beneficiaries (430 Female).</li> <li>Compost-hut: <ul style="list-style-type: none"> <li>- 42,314 farmers (female =20,052 (47%) as compare with the DMF=105.78%) have been trained and received information about Biodigester in Training &amp; Capacity Building, Promotion &amp; Marketing, Monitoring &amp; Evaluation and Innovation &amp; Value Chain Improvement activities.</li> <li>- The project identified 4,156 farmers of which 2,087 farmers are female for the potential to build the Biodigester.</li> <li>- The key farmer who has intended to buy ongoing 18% (1078 HHs)</li> <li>- The key farmer who has an interest: ongoing 9.96% (598 HHs).</li> </ul> </li> <li>- Research, development, pilot, and use of the biodigester: <ul style="list-style-type: none"> <li>- 179 biodigesters construction completed and functioning with (716 beneficiaries (430 Female).</li> </ul> </li> <li>- Support input for integrated farming demonstrations: <ul style="list-style-type: none"> <li>- 90 demonstrations and training were completed with 284 participants (170F).</li> </ul> </li> </ul>	
<p>Women comprise at least 40% of participants in consultation and planning activities, including participants from the Women Farmers Network, on the gender-responsiveness and climate resiliency of critical project infrastructure (aggregate basis). (2017 baseline: 30% female participation).</p> <p>Target 3: On Track</p>	<ul style="list-style-type: none"> <li>- Totally, there were 2,201 times in years 2020-2QRT 2024 in the consultative meetings trainings, workshops and demos with local community people in project 57,082 people, 25,000 women of 43.79%.</li> <li>- PMUs and PPIUs conducted the consultative meetings, trainings, workshops and demos for year 2023 with 233 times in different subprojects 3,555 persons, 1,107 females of 31.14%.</li> </ul>	<p>Issue:</p> <p>Action: NGS works closely with PMUs (MAFF, MRD and MOWRAM) to advise the increase of women's participation in remaining community consultations on sub-projects.</p>

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
Responsibilities: PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; Design engineers Time frame: Q1 Y2 - Q4 Y4	<ul style="list-style-type: none"> <li>- PMUs and PPIUs conducted the consultative meetings, trainings, workshops and demos for year 2022 with 1,145 times in different sub-projects 30,463 persons, 13,521 females of 44.38%.</li> <li>- PMUs and PPIUs conducted the consultative meetings, trainings, workshops and demos for year 2021 with 294 times in different sub-projects 9,361 persons, 4,305 females of 45.99%.</li> <li>- PMUs and PPIUs conducted the consultative meetings, trainings, workshops and demos for year 2020 with 420 times in different sub-projects 9,786 persons, 4,377 females of 44.73%.</li> <li>- For three reports of Social Monitor Report July -Dec. 2022, Initial Environment Exam 21-22 Sept. 2023 and Nov. 2023 (17-29 Oct. 2022) for 31 meetings 1,004 persons, 387 females of 38.55%.</li> <li>- National and provincial gender focal points meeting in field trips include ADB MTR in Sept.-Dec. 2023 and Jan. 2024 for 25 meetings 918 persons, 256 females of 27.89%.</li> <li>- Provincial Gender Focal Points conducted training in the sub-national level at the ACs board management in year 2022-2023 with 47 times, 1,877 persons, 988 females of 52.64%.</li> </ul>	
At least 25% of workdays created by project activities will be awarded to women.  Target 4: On Track	These workdays created for women from the MAFF 18 contracts, MOWRAM 04 contracts and MRD 11 contracts of 33 contracts for 4 provinces as follows:	Issue:  Action:

<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.</p>	<p>Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)</p>
<p>Responsibilities: PMU MAFF (lead) and PPIUs; MOWRAM; MRD; contractors of civil works Time frame: Q1 Y2 - Q4 Y6</p>	<ul style="list-style-type: none"> <li>- Total 33 contracts 15,722 persons, for 4,460 females of 28.28% with 529,488 workdays, has been awarded to women 137,773 workdays created by project to women of 28.37%.</li> <li>- MAFF 35 AC warehouse construction in 2023 (50T =10, 100T =20 and 200T = 5); MAFF has 3,414 persons, 924 females of 27.07% and has created 103,876 workdays awarded to women 23,117 workdays of 27.07%.</li> <li>- MAFF 25 AC warehouse construction in 2022 has 1,401 persons, 374 females of 26.70% and has created 42,896 workdays awarded to women 11,443 workdays of 26.70%.</li> <li>- MAFF 20 AC warehouse construction in 2021 (50T =5, 100T =12 and 200T = 3); MAFF has 1,759 persons, 470 females of 26.72% and has created 53,442 workdays awarded to women 13,906 workdays of 26.72%.</li> <li>- MAFF 03 Provincial Agriculture Development Centers construction in 2021 has 838 persons, 224 females of 26.73% and has created 51,493 workdays awarded to women 13,873 workdays of 26.73%</li> <li>- MAFF 03 Mechanization Engineering Workshop for the Provincial Agriculture Development Centers construction in 2021 has 908 persons, 245 females of 26.98% and has created 63,245 workdays awarded to women 16,999 workdays of 26.88%.</li> <li>- MOWRAM 9 irrigation systems construction are completed.</li> </ul>	

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
	<p>- MOWRAM has 2,335 persons, 747 females of 31.99% and has created 69,727 workdays and has awarded to women for 22,325 workdays 32.03%.</p> <p>- MRD with 71.10 km of 250km of frame road were upgraded to climate resilient standard to improve connectivity to cooperatives and market (DBST and Concrete Road) – 5 sub-projects in 2022 in batch I. MRD has 3,079 persons, 908 females of 29.49% and has created 92,767 workdays awarded to women 27,269 workdays of 29.40%.</p> <p>- MRD with 100.124 km of 250km of frame road were upgraded to climate resilient standard to improve connectivity to cooperatives and market (DBST and Concrete Road) – 8 sub-projects in 2023 in batch II. MRD has 1,988 persons, 568 females of 28.57% and has created 52,042 workdays awarded to women 14,874 workdays of 28.58%.</p> <p>- But the two contracts in Tboung Khmum province with Royal Mekong Construction and Development Pte. Ltd have not collected the data yet.</p> <p>The contractors have provided training to their staffs and workers on safety, security, environment, violence prevention and Covid-19.</p>	
<p>Skills training sessions provided to women on infrastructure related construction and rehabilitation, and operation and maintenance.</p> <p>Action 1: On Track</p>	<p>The total 1,006 courses with 27,397 people, 11,277 females of 41.16% for all the below skilled training sessions provided to women.</p> <p>- 20,481 farmers of which 9,382 were female (46%) 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</p>	<p>Issue:</p> <p>Action: NGS works closely with PMUs (MAFF, MRD and MOWRAM) to collect all trainings provided to women on infrastructure related</p>



Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
Responsibilities: PMU MAFF (lead) and PPIUs; GDAHP; MOWRAM; MRD; contractors of civil works Time frame: Q4 Y1 – Q4 Y6	follow up. The accumulate progress of Farmers trained in Climate-smart Agriculture and agribusiness development skills.  - MAFF PMU and PPIUs have conducted the on O&M of agriculture machinery for 86 ACs boards members for 25 courses in 2020-2223 with 617 persons, 158 females of 25.61%.  - MOWRAM has conducted 162 courses provided to 6,299 FWUCs/FWUGs representatives and local authorities of whom 1,737 were women of 27.57%.	construction and rehabilitation, and operation and maintenance.
Involve at least 30% of women as active agents <sup>1</sup> in the promotion campaigns on the use of renewable energy solutions.  Target 5: On Track  Responsibilities: PMU MAFF (lead) &PPIUs; GDAHP Time frame: Q4 Y1 – Q4 Y4	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 can save 100% energy cost for their daily operation.	Issue: Dissemination and promotion events conducted, however, there is no clue on how many women are becoming an active agent in continuously promote the biodigesters and compost-huts use.  Action: NGS works closely with PMUs (MAFF, MRD and MOWRAM) produce the list of active agents from the

<sup>1</sup> Model farmer from community or private household or private enterprise.

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
	Supported PPIUs to conduct 1 AC board members meeting in Takeo with 50 participants in of which 17 are female to promote RET for agricultural sustainability, better incomes (2QRT).	participants who joined the promotional campaigns.
<p>As part of the promotion campaigns about biodigesters and other renewable energy solutions, raise awareness among women and men in the communities about the benefits for value chain improvement/climate change but also for greater gender equality (time saving, drudgery reduction, improved health).</p> <p>Action 2: On Track</p> <p>Responsibilities: PMU MAFF (lead) &amp;PPIUs; GDAHP Time frame: Q4 Y1- Q4 Y4</p>	<p>2nd draft of ISO 17025 guideline. Review consisting of guideline of ISO 17025 Discussed for revision the ISO 17025 guideline. Draft outline for revision of ISO 17025 guideline Communication with Department of Accreditation (DA), Ministry of Industry, Science, Technology and Innovation (MISTI) Preparing a document for assessing laboratory to meet ISO 17025 criteria. Meeting with NAL staff for getting understand their laboratory situation and assess to their understanding of ISO 17025 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 (5th revision, English version) and ongoing 6th version of manual. Conducting TWG meeting on guideline for ISO 17025 application.</p>	<p>Issue: Lack of promotional materials to be used in the campaign illustrating the benefits for women and family by using the biodigesters and compost-huts.</p> <p>Action: NGS works closely with PMUs (MAFF, MRD and MOWRAM) produce promotional materials to be used in the campaign illustrating the benefits for women and family by using the biodigesters and compost-huts.</p>
<p>Promotional materials developed and disseminated on biodigesters and other renewable energy solutions including awareness raising on how this addresses the disproportionate burden of household and care work carried out by women farmers, especially female headed households.</p> <p>Action 3: On Track</p>	<p>Technical training to NAL staff and PDAFF staff Prepare the training materials and poster on Sampling and handling techniques of biofertilizer and organic fertilizer for quality testing. Develop manual: Ongoing work to develop the manual of Standard Operation Procedure. Consult and closed with ISO 17025 accreditation specialist to carry on developing the next version was 6th revision of manual of ISO 17025 accreditation Prepare the training materials for the technical training course.</p>	<p>Issue: waiting for budget to publish.</p>

<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.</p>	<p>Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)</p>
<p>Responsibilities: PMU MAFF (lead) &amp; PPIUs; GDAHP Time frame: Q1 Y2- Q4 Y4</p>	<p>Prepare the training posters on sampling and handling techniques of biofertilizer and organic fertilizer for quality testing in lab to PPIU. Developed draft manual on SOP for quality testing of biofertilizer. Developed draft manual on SOP for quality testing of organic fertilizer.</p>	
<p>Output 2: Climate smart agriculture and agribusiness promoted</p>		
<p>2.1 Gender equality in human development enhanced. OP 2.2</p>		
<p>20,000 farmers, of whom 8,000 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) (DMF 2b. OP 2.2.1).</p> <p>Target 6: On Track</p> <p>Responsibilities: PMU MAFF (lead) and PPIUs, MOWRAM, WFN Time frame: Q1 Y2- Q4 Y6</p>	<p>- 20,481 farmers of which 9,382 were female (46%) trained on CSA, SRP, CamGAP, ACs business development plan (for ACs boards) landscape restoration (farm mechanization), dissemination workshop, best management practice and rice seed production techniques and follow up. The accumulate progress of Farmers trained in Climate-smart Agriculture and agribusiness development skills are:</p> <ul style="list-style-type: none"> <li>- The training of farmers on Climate Smart Agriculture (CSA) was trained 4,635 persons of which 2,517 are females (54%).</li> <li>- The training of farmer on Sustainable Rice Production (SRP) was trained 6,532 of which 3,844 are females (59%).</li> <li>- 4 training of farmers, ACs and farmer group for Contract farming. Total participants 100, female 40, equal to 24%.</li> <li>- The training of farmer on ACs boards on ACs business development was trained 2,807 of which 782 are females (28%).</li> <li>- The training of farmers on CamGAP was trained 823 farmers of which 336 are females (41%).</li> </ul>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Specialist work closely with PMUs (MAFF, MRD and MOWRAM) to improve the PPMS and integrate sex-disaggregated data in the system. The PPMS should clearly elaborate:</p> <ul style="list-style-type: none"> <li>Training on topic 1 (F)</li> <li>Training on topic 2 (F)</li> <li>Training on topic 3 (F)</li> </ul>

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
	<ul style="list-style-type: none"> <li>- Training of farmers on landscape restoration (farm mechanization) was trained 2,299 farmers of which 651 are females (28%).</li> <li>- The workshop on contract farming and dissemination on procedure for seed registration and certification, quality declare seed and seed law and regulation was trained 796 persons of which 193 are females (24%).</li> <li>- The training of farmers of best management practice (BMP) was trained 1,200 farmers of which 611 are females (51%).</li> <li>- The training of farmers on rice seed production techniques and follow up was trained 500 farmers of which 231 are females (46%).</li> <li>- National training and exchange visit on extension of adaptation techniques to climate change. Total 152/45F.</li> <li>- National training and exchange visit on extension for innovation and practical of agriculture technical. Total 166/50F.</li> <li>- The forums on multilateral matching platform on various condition and workshops on verification workshop on the result of contract farming with a total of 320 participants, 68 females.</li> <li>- The dissemination workshops with stakeholders on Agro-Industrial Development Strategies for climate-friendly agribusiness with a total of 119 participants, 21 females.</li> </ul>	

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
<p>2.1.2. 27 FWUCs/FWUGs made operational and 500 FWUC/FWUG members, of which 30% are women, develop capacity to operate and maintain irrigation schemes (2017: 0) (DMF 2c. OP 2.2.1).</p> <p>Target 7: On Track</p> <p>Responsibilities: PMU MAFF (lead) &amp; PPIUs Time frame: Q1 Y2- Q4 Y2</p>	<p>- FWUCs/FWUGs has trained on the operational to operate and maintain irrigation schemes for 162 courses provided to 6,299 FWUCs/FWUGs representatives and local authorities of whom 1,737 were women of 28.15%</p> <p>- The main topics of:</p> <ol style="list-style-type: none"> <li>1) Role and responsibility,</li> <li>2) Important operation Principle</li> <li>3) Overview of irrigation System</li> <li>4) Scheme Maintenance</li> <li>5) Maintenance registration</li> <li>6) Routine Maintenance</li> <li>7) Maintenance Plan Preparation</li> <li>8) Pre/after seasonal maintenance Inspect</li> <li>9) Maintenance work implementation</li> <li>10) On the job training of: Bookkeeping, minute taking record, report writing and gate and structure O&amp;M.</li> </ol>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Specialist work closely with PMUs (MOWRAM) to improve the PPMS and integrate sex-disaggregated data in the system. The PPMS should clearly elaborate:</p> <p>Training on topic 1 (F) Training on topic 2 (F) Training on topic 3 (F)</p>
<p>2.1.3. 30% of women farmers, including the WFN members, are involved in the selection and multiplication of climate resilient crop varieties.</p> <p>Target. 8: On Track</p> <p>Responsibilities: PMU MAFF (lead) &amp; PPIUs; CARDI; WFN Time frame: Q4 Y1- Q4 Y6</p>	<p>The 20,481 farmers of which 9,382 were female (46%) trained on CSA, SRP, CamGAP, ACs business development plan (for ACs boards) landscape restoration (farm mechanization), dissemination workshop, best management practice and rice seed production techniques and follow up. The accumulate progress of Farmers trained in Climate-smart Agriculture and agribusiness development skills are:</p> <ul style="list-style-type: none"> <li>- The training of farmers on Climate Smart Agriculture (CSA).</li> <li>- The training of farmer on Sustainable Rice Production (SRP).</li> <li>- Training of farmers, ACs and farmer group for Contract farming.</li> <li>- The training of farmer on ACs boards on ACs business development.</li> </ul>	<p>No issue</p>

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
	<ul style="list-style-type: none"> <li>- The training of farmers on CamGAP.</li> <li>- Training of farmers on landscape restoration (farm mechanization).</li> <li>- The workshop on contract farming and dissemination on procedure for seed registration and certification, quality declare seed and seed law and regulation.</li> <li>- The training of farmers of best management practice (BMP).</li> <li>- The training on rice seed production techniques and follow up.</li> <li>- National training and exchange visit on extension of adaptation techniques to climate change.</li> <li>- National training and exchange visit on extension for innovation and practical of agriculture technical.</li> <li>- The forums on multilateral matching platform on various condition and on verification workshop on the result of contract farming.</li> <li>- The dissemination workshops with stakeholders on Agro-Industrial Development Strategies for climate-friendly agribusiness.</li> </ul>	
<p>2.1.4. Women represent at least 40% of participants in all capacity-building activities (trainings, demonstrations, study tours) supported by the project (aggregate basis).</p> <p>Target 9: On Track</p> <p>Responsibilities: PMU MAFF (lead) and PPIUs, MOWRAM, WFN</p> <p>Time frame: Q1 Y2 - Q4 Y6</p>	<p>Farmer Field School, Demos, Training, Workshop and Meeting:</p> <p>Women represent in the capacity build activities such as training, demonstration and study tours as of 2,588 times, 69,817 farmers, 28,820 females of 41.28% as the following activities:</p> <p>2QRT 2024 for the training, demonstrations and sturdy tours for 229 times, 6,745 people, 2,605 females of 39%.</p> <p>1QRT 2924 for all the capacity building activities for 81 times, 2,729 persons, 748 females of 27.41%.</p> <p>The capacity build activities such as training, demonstration and study tours supported by the project in year 2023 of 233 times, 3,555 farmers, 1,107 females of 31.14%.</p>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Specialist work closely with PMUs to classify into 3 events including training, workshop or meeting and demonstration. Incorporate into the PPMS system.</p>

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
	<p>The capacity build activities such as training, demonstration and study tours supported by the project in year 2022 of 1,145 times, 30,463 farmers, 13,521 females of 44.38%.</p> <p>The capacity build activities such as training, demonstration and study tours supported by the project in year 2021 of 294 times, 9,361 farmers, 4,305 females of 45.99%.</p> <p>The capacity build activities such as training, demonstration and study tours supported by the project in year 2020 of 240 times, 9,786 farmers, 4,377 females of 44.73%.</p> <p>The FWUCs capacity build activities such as training, demonstration and study tours supported by the project in year 2020-2023 of 122 times, 4,883 farmers, 1,324 females of 27.11%.</p>	
<p>2.1.5. Women represent 40% of increased labour pool of individuals who can operate agricultural machinery. (2017 baseline: 0).</p> <p>Target 10: On Track</p> <p>Responsibilities: PMU MAFF (lead) and PPIUs, MOWRAM, WFN</p> <p>Time frame: Q4 Y1 – Q4 Y5</p>	<p>The total 86 ACs with 11,071 members, 5,969 females of 53.92% and ACs members with Agriculture Machineries use for 5,288 farmers, 1,366 females of 25.83%.</p> <p>The farmers have used and control tractor power tiller, transplanting machines, harvester and seedling as the below reports:  13 ACs farmers use and control agriculture machineries 1,548 persons, 267 females of 53% in Kampong Cham province.  33 ACs farmers use and control agriculture machineries 2,373 persons, 888 females of 36.47% in Takeo province.  20 ACs farmers use and control agriculture machineries 607 persons, 170 females of 28.01% in Kampot province.  20 ACs farmers use and control agriculture machineries 760 persons, 41 females of 5.39% in Tboung Khmum province.</p>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Specialist work closely with PMUs to create a list of farmers (including women) who operates different agricultural machinery (e.g. tractor, power tiller, seedling, harvester).</p>
<p>2.1.6. Strengthen linkages between farms/cooperatives/enterprises and agribusiness industry, especially women-led and/or owned</p>	<p>The 34 Agribusiness ACs have been conducted TNA, developed training materials and have been conducted the training for 287 persons, 78 females of 27.18% as:</p>	<p>Action: NGS and National M&amp;E Specialist work closely with PMUs to organize series of</p>



Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
<p>farms/ enterprises and cooperatives with majority female members.</p> <p>Action 4: On Track</p> <p>Responsibilities: PMU MAFF (lead) and PPIUs; WFN</p> <p>Time frame: Q1 Y2- Q4 Y2</p>	<ul style="list-style-type: none"> <li>- 30 Agribusinesses identified the potential agri-business initiative.</li> <li>- TNA: ongoing 50%</li> <li>- Development and reviewing of training Materials: ongoing 70%</li> <li>- Develop the climate change training material</li> <li>- Conducted 2 training on Climate Change, Green Financing, and Climate Smart Agriculture to 77 participants including 17 women for PPIUs, Bank, MFI, ARDB, and ACs in four provinces.</li> <li>- 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.</li> <li>- 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.</li> <li>- Conducted discussion with Agri-business Group and ACs board and members to identify their potential agri-business and connect to Agriculture cooperative at target provinces with 176 participants including 53 are women.</li> </ul>	<p>agribusiness forums by engaging all actors including inputs suppliers, MFIs and banks, government, AC, traders and farmers in target provinces of the project to create opportunities for both female and male led farms and enterprises in agribusiness.</p>
<p>2.1.7. Female government staff make up at least 25% at the national level, and 20% at local level, of participants in capacity building activities on CFAVC (aggregate basis).</p> <p>Target 11: On Track</p> <p>Responsibilities: PMU MAFF (lead) and PPIUs</p>	<p>The total 2,414 courses/times in the capacity building activities from year 2020 up to the 2nd QRT 2024 with 59,910 participants, 25,915 females of 43.26% divided into the following:</p> <ol style="list-style-type: none"> <li>1. The National level female government staff participated in the capacity building activities for 371 courses, with 10,928 officials, with 3,218 females of 29.45%.</li> </ol>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Specialist work closely with PMUs to revisit the PPMS database and revise the achievement figure.</p>



<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.</p>	<p>Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)</p>																																																																																																																				
<p>Time frame: Q1 Y2- Q4 Y6</p>	<p>2. The Local level female government staff participated in the capacity building activities for 2,043 courses with 48,982 officials, with 22,697 females of 46.34%.</p> <table border="1" data-bbox="737 625 1579 911"> <thead> <tr> <th colspan="4">Total of National and Local Level</th> <th colspan="4">National Level 25% of Female</th> <th colspan="4">Local Level 20% of Female</th> <th rowspan="2">Date</th> </tr> <tr> <th>Total</th> <th>Female</th> <th>% of Female</th> <th>Course</th> <th>Total</th> <th>Female</th> <th>% of F.</th> <th>Course</th> <th>Total</th> <th>Female</th> <th>% of F.</th> <th>Course</th> </tr> </thead> <tbody> <tr> <td>4,883</td> <td>1,324</td> <td>27.11</td> <td>122</td> <td>250</td> <td>98</td> <td>39.20</td> <td>0</td> <td>4,633</td> <td>1,226</td> <td>26.46</td> <td>122</td> <td>Year 20-23</td> </tr> <tr> <td>3,555</td> <td>1,107</td> <td>31.14</td> <td>233</td> <td>1,165</td> <td>291</td> <td>25.00</td> <td>59</td> <td>2,390</td> <td>816</td> <td>34.13</td> <td>174</td> <td>Year 2023</td> </tr> <tr> <td>30,463</td> <td>13,521</td> <td>44.38</td> <td>1,145</td> <td>5,525</td> <td>1,658</td> <td>30.00</td> <td>108</td> <td>24,938</td> <td>11,864</td> <td>47.57</td> <td>1,037</td> <td>Year 2022</td> </tr> <tr> <td>9,361</td> <td>4,305</td> <td>45.99</td> <td>292</td> <td>1,470</td> <td>368</td> <td>25.00</td> <td>65</td> <td>7,891</td> <td>3,938</td> <td>49.90</td> <td>227</td> <td>Year 2021</td> </tr> <tr> <td>9,786</td> <td>4,377</td> <td>44.73</td> <td>515</td> <td>2,100</td> <td>630</td> <td>30.00</td> <td>112</td> <td>7,686</td> <td>3,747</td> <td>48.75</td> <td>403</td> <td>Year 2020</td> </tr> <tr> <td>6,745</td> <td>2,605</td> <td>38.62</td> <td>229</td> <td>668</td> <td>272</td> <td>40.72</td> <td>27</td> <td>6,077</td> <td>2,333</td> <td>38.39</td> <td>202</td> <td>2 QRT 2024</td> </tr> <tr> <td>59,910</td> <td>25,915</td> <td>43.26</td> <td>2,414.00</td> <td>10,928</td> <td>3,218</td> <td>29.45</td> <td>371</td> <td>48,982</td> <td>22,697</td> <td>46.34</td> <td>2,043</td> <td>Year 2020-2QRT 2024</td> </tr> </tbody> </table>	Total of National and Local Level				National Level 25% of Female				Local Level 20% of Female				Date	Total	Female	% of Female	Course	Total	Female	% of F.	Course	Total	Female	% of F.	Course	4,883	1,324	27.11	122	250	98	39.20	0	4,633	1,226	26.46	122	Year 20-23	3,555	1,107	31.14	233	1,165	291	25.00	59	2,390	816	34.13	174	Year 2023	30,463	13,521	44.38	1,145	5,525	1,658	30.00	108	24,938	11,864	47.57	1,037	Year 2022	9,361	4,305	45.99	292	1,470	368	25.00	65	7,891	3,938	49.90	227	Year 2021	9,786	4,377	44.73	515	2,100	630	30.00	112	7,686	3,747	48.75	403	Year 2020	6,745	2,605	38.62	229	668	272	40.72	27	6,077	2,333	38.39	202	2 QRT 2024	59,910	25,915	43.26	2,414.00	10,928	3,218	29.45	371	48,982	22,697	46.34	2,043	Year 2020-2QRT 2024	
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<p>3.1.1. Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework focusing on agribusinesses formulated and approved. (2017 baseline: 0) (DMF 3a. OP 2.3.1).</p> <p>Action 5: On Track</p> <p>Responsibilities: PMU MAFF Time frame: Q1 Y2 – Q3 Y1</p>	<ul style="list-style-type: none"> <li>- PPP specialist on developing process framework with key relevant sectors.</li> <li>- Development of Producer Group Establishments Guideline Linked with Private Sector to the Market: completed (4rddraft revision) to achieve the agribusiness group of contract farming.</li> <li>- The meeting with technical working group of the development of CamGAP standard. The total 100 persons of which 29 females.</li> <li>- The meeting for the development of the tropical fruit CamGAP standard reviewing on Mango. Total 84 persons of which 17 females.</li> <li>- Project conducted public consultation workshop with stakeholders to review and endorsement of CamGAP Standards. Total 74 persons of which 20 are females.</li> </ul>	<p>Issue:</p> <p>Action: PMU follows the NOL with ADB for additional inputs for PPP expert.</p>																																																																																																																				

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	<ul style="list-style-type: none"> <li>- Tropical Fruit CAMGAP Standards development for mango has been developed with progress of 95% for the tropical Fruit CamGAP Standards under the preparation of meeting with relevant stakeholders to review and endorsement of CamGAP Standards after the collect the inputs and consultation workshop. CS2 will continue to coordinate with involving relevant departments (IA-GDA) to endorse this technical guideline next month.</li> <li>- Orientation meeting to make awareness to PPIUs staff and AC boards and members on agri-business applied farm inspection and CamGAP standard and seeking inform and feedback on CamGAP training and activities. Total 414 persons, 213 females.</li> <li>- The fieldwork has been visited at the mango farms and support technical for the CamGAP improvement practical and technical support on farm management based on the market 160 persons/73 are female based on the standard requirement.</li> </ul>	

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2	Development of Producer Group Establishments Guideline Linked with Private Sector to the Market: completed (4rd draft revision) to achieve the agribusiness group of contract farming.	0	0	#DIV/0!	-	-	2 QRT 2024																																																																											
3	The meeting with technical working group of the development of CamGAP standard. The total participants are 100 persons of which 29 are females	100	29	29.00	-	4	2 QRT 2024																																																																											
4	The meeting for the development of the tropical fruit CamGAP standard reviewing on Mango. The total participants are 84 persons of which 17 are females	84	17	20.24	-	2	2 QRT 2024																																																																											
5	Project conducted public consultation workshop with stakeholders to review and endorsement of CamGAP Standards. The total participants are 74 persons of which 20 are females	74	20	27.03	-	2	2 QRT 2024																																																																											
6	Tropical Fruit CAMGAP Standards development for mango has been developed with progress of 95% for the tropical Fruit CamGAP Standards under the preparation of meeting with relevant stakeholders to review and endorsement of CamGAP Standards after the collect the inputs and consultation workshop. CS2 will continue to coordinate with involving relevant departments (IA-GDA) to endorse this technical guideline next month	0	0	#DIV/0!	-	-	2 QRT 2024																																																																											
7	Orientation meeting to make awareness to PPIUs staff and AC boards and members on agri-business applied farm inspection and CamGAP standard and seeking inform and feedback on CamGAP training and activities. A total: 414 persons/213 are female	414	213	51.45	-	12	2 QRT 2024																																																																											
8	The fieldwork has been visited at the mango farms and support technical for the CamGAP improvement practical and technical support on farm management based on the market to 160 persons/ 73 are female based on the standard requirement	160	73	45.63	-	6	2 QRT 2024																																																																											
<b>Grand Total</b>		<b>832</b>	<b>352</b>	<b>42</b>	<b>-</b>	<b>26</b>	<b>2 QRT 2024</b>																																																																											
<p>3.1.2. Actively involve the MAFF GCWG, the sub-national Gender Focal Points (Province, District, Commune), and the WFN and the Agricultural Cooperatives as key partners in project implementation and monitoring, especially for the GAP activities.</p> <p>Action 6: On Track</p>	<p>The total MAFF GCWG joint in the project sites to coach, to advice, to follow up, to collect information and data for 84 times in 80 ACs, 1,415 persons, 581 females of 41.06%.</p> <p>These include the field activities in 2 QRT 2024 for 26 times, 933 persons, 317 females of 33.98%.</p> <p>The Annual National Gender Workshop on 04-05 Dec. 2023 was focus on the new and update of the Gender Mainstreaming in the project, to</p>	<p>No issue but further continuously collaborate in other project activities such as visit to subprojects, agribusiness forums, AC capacity building etc.</p>																																																																																

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
Responsibilities: PMU MAFF (lead) and PPIUs; MAFF CCPSU: sub-national Gender focal points; WFN Time frame: Q2 Y2 - Q4 Y7	<p>re-form the WFNs, to update on the project progress and to get the advice from the workshop results, especially from the H.E Hor Malin, Secretary of state – MAFF and the chairwomen of Gender and Children Working Group 72 participants, 42 females of 58.33%.</p> <p>MAFF GCWG jointly 3 times follow up on the use of biogas on integrated agriculture for WFN 71 persons, 41 women of 58%.</p> <p>MAFF GCWG jointly collected information, data and selected farmers for biogas demonstration 15 persons, 12 women of 80%.</p> <p>MAFF GCWG jointly site visit in the target villages to follow up on the Biodigesters construction process and project labelling 15 participants, 4 women of 27%.</p> <p>MAFF GCWG jointly visited and encouraged communities on breeding the qualified, resilient, and climate change varieties to community members 43 participants, 12 women of 29%.</p> <p>MAFF GCWG jointly in gender mainstreaming workshop in ACs/WFNs 267 participants, 153 women of 57%.</p>	
<b>3.2 Women's economic empowerment increased OP 2.1</b>		
3.2.1. 50 staff, including 30% women, from financial institutions trained in CSA and green finance. (2017 baseline: 0) (DMF 3c. OP 2.1.2).  Target: 12 - On track	<p>The training, meeting and the orientations have been made to the Micro Financial Institutions, banks of ACLEDA, ARDB and ABA for 128 times for 267 participants, 175 females of 65.54%.</p> <p>- Identified: 50 Bank/MFI are initial identified with the list of banks for the target of CSA and green financing.</p>	Issue:  Action: NGS, National M&E Expert and Green Finance Expert shall consult with PMU to

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
Responsibilities: PMU MAFF (lead) and PPIUs Time frame: Q1 Y2 – Q4 Y6	<ul style="list-style-type: none"> <li>- Training on cause and impact of Climate Change to PDAFF, Banks and MFIs. The total participants are 94 persons including 44 staffs/18 are females from banks and MFIs are invites and introduce CSA and green financing. The training was focused on the climate risks, impact, causing and adaptation and mitigation actions and access to the Cambodia Green Financing Facility which are implementing by ARDB and Environment and Social Governance (ESG) principle which are facilitate by Association Bank of Cambodia.</li> <li>- TNA: was completed and oriented.</li> <li>- Training development plan: ongoing 80%</li> <li>- Development of training Materials: ongoing 100%</li> <li>- Delivery training: 5 training with ACLEDA and ARDB.</li> <li>- Development of green finance landscape report: completed drafted.</li> <li>- National Consultation on report: draft concept notes completed.</li> <li>- Engaged with green financing facility establishment (MOE/ARDB/NBC/Mekong Strategy Partners progressed) and waiting GCF reviewing and approval.</li> <li>- Consultation on the Green Financing with ARDB and ACLEDA.</li> <li>- 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.</li> <li>- Additional 2 local banks have been identified to meet target 50 Banks and MFIs to attend the training</li> <li>- 50 local banks/MFI were trained on the climate risks sharing, CSA and access to green financing.</li> </ul>	develop further training program for MFIs and Banks.
3.2.2. 30 agribusinesses, including 30% women-led and/or owned trained on green finance and CSA (2017 baseline: 0) (DMF 3d. OP 2.1.2).	<ul style="list-style-type: none"> <li>- 30 Agribusinesses identified the potential agri-business initiative.</li> <li>- TNA: ongoing 50%</li> <li>- Development and reviewing of training Materials: ongoing 70%</li> <li>- Develop the climate change training material</li> </ul>	Issue: ABC is waiting for MoU with the project.

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
<p>Target 13: On Track</p> <p>Responsibilities: PMU MAFF (lead) and PPIUs Time frame: Q1 Y2 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>- Conducted 2 training on Climate Change, Green Financing, and Climate Smart Agriculture to 77 participants including 17 women for PPIUs, Bank, MFI, ARDB, and ACs in four provinces.</li> <li>- 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.</li> <li>- 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.</li> </ul> <p>Conducted discussion with Agri-business Group and ACs board and members to identify their potential agri-business and connect to Agriculture cooperative at target provinces with 176 participants including 53 are women.</p> <ul style="list-style-type: none"> <li>- There are 342 meetings, orientations and trainings to the PPIUs with 966 participants, 368 females of 58.80%.</li> </ul>	<p>Action: NGS, National M&amp;E Expert and Green Finance Expert shall consult with PMU to push the signing of MoU.</p>
<p>3.2.3. Raise awareness among women farmers/cooperative members, women-led and/or owned enterprises, and female staff in financial institutions using adequate channels about existing credit facilities, green financing including crop insurance and required formalities to access these.</p> <p>Action 7: On Track</p>	<p>The National Annual Gender Workshop was conducted the national workshop with 72 participants, 42 females of % focused on the project progress, gender mainstreaming, data collection, refresher on the roles and responsible of each party and capacity building to the PMU, PPIUs, Provincial Engineers, Provincial experts, ACs, WFNs and presented by all the DTLs CS1, CS2, CS4 and CS5.</p> <p>The 73 meetings with PPIU in the four target provinces to discuss on the Green Financing, how to assess the green finance of the local</p>	<p>Issue:</p> <p>Action: NGS, National M&amp;E Expert and Green Finance Expert shall organize series of green finance access to women farmers/cooperative members, women-led and/or owned enterprises.</p>

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
Responsibilities: PMU MAFF (lead) and PPIUs Time frame: Q1 Y2 – Q4 Y6	bank and to identify the potential bank in 4 provinces with total 1,407 participants, 448 women of 31.84%.	
3.2.4. 20,000 households, including 20,000 women, provided with information on climate risk sharing instruments (2017 baseline: 0) (DMF 3e. OP 2.5.3).  Target 14: On Track  Responsibilities: PMU MAFF (lead) and PPIUs Time frame: Q1 Y2 - Q4 Y6	<ul style="list-style-type: none"> <li>- On-site meeting, training and workshop for 115 completed of meeting orientations, training and workshop on the agribusiness to ACs provided with information on climate risk-sharing instruments on crop insurance and green financing to relevant stakeholders (Total Participant: 2,572 of which 846 are females of 33%).</li> <li>- Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan).</li> <li>- Develop extension materials: completed the design work art, format and technical information both leaflet and training flipchart for Promoting green finance and risk sharing mechanism linked with agriculture value chain production. The printing will finish soon and distribute to all PPIUs and relevant institutes and stakeholders next month.</li> <li>- Involved in signing an agreement on data sharing with Forte on Crop Insurance.</li> </ul>	<p>Issue:</p> <p>Action: NGS, National M&amp;E Expert and Green Finance Expert shall organize series of awareness raising or workshop to introduce the climate risk sharing instruments to both women and men in the communities.</p>
4. Project management gender related activities.		
4.1. PMU to appoint safeguards officer to also be responsible and accountable for gender, who will closely liaise with representatives from the MAFF GCWG at national level and from WFN,	The MAFF PMU has revised the capacity of the Gender and Children Working Group #059 and dated in Jan. 2020 with 33 persons, 32 females of 97%.	<p>Issue:</p> <p>Action: NGS and National M&amp;E Expert consult with PMU to</p>

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
Agricultural Cooperatives and sub-national gender focal points (province, district, commune), and agricultural cooperatives as key partners in project implementation, monitoring and reporting.	<p>The total of Gender Focal Points for national and sub-national level 123 persons, 97 females of 78.86%.</p> <p>The four PPIUs of the PDAFF have assigned the sub-national gender focal points and updated in Dec. 2023 for 69 persons, 53 females of 76.81%.</p> <p>There were 9 officials (7 women) assigned to be safeguard and gender focal points at PMUs MAFF level.</p> <p>There were 4 officials (4 women) assigned to be safeguard and gender officers at PPIU MAFF levels</p> <p>There were 4 officials (1 woman) assigned to be safeguard and gender officers at PPIU MOWRAM levels</p> <p>There were 4 officials (0 woman) assigned to be safeguard and gender officers at PPIU MRD levels.</p>	provide the list of safeguard focal points from national to local level.
4.2. Prepare annual work plans to implement the activities of the GAP.	The Annual Work Plans and Budget has been prepared to implement the activities of the GAP.	<p>Issue:</p> <p>Action: NGS and National M&amp;E Expert consult with PMU to prepare the whole gender action plan work-plan with all indicators.</p>
4.3. Gender consultants (national and international) recruited to support GAP implementation, monitoring and reporting and to build the capacity of the GCPSU and gender focal points and PMU staff in gender analysis and mainstreaming.	<p>The GAP implementation, monitoring and reporting to build the capacity to the GCPSU and gender focal points and PMU staff in gender analysis and mainstreaming is going well on time and on track. The GAP reports have prepared quarterly on time.</p> <p>The Gender Mainstreaming has been conducted the training based on the AWPB.</p> <p>MAFF/PMU under supported by PIC consultants have conducted the training on gender considerations in climate-friendly agribusiness</p>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Expert consult with PMU review and revise the achievement of the GAP's indicators and actions based on the collected data.</p>



Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
	value chains as central component of project capacity building activities for 65 courses, 2,641 persons, 1,178 females of 44.60%.	
4.4. Relevant departments in MAFF, agricultural extension agents, local leaders and government officials, GCPSU and Gender Focal Points, and WFN to receive training on gender considerations in climate-friendly agribusiness value chains as central component of project capacity building activities.	<p>MAFF/PMU under supported by PIC consultants have conducted the training on gender considerations in climate-friendly agribusiness value chains as central component of project capacity building activities for 42 courses, 1,281 persons, 721 females of 56.28%.</p> <p>The Annual National Gender Workshop on 04-05 Dec. 2023 was focus on the new and update of the Gender Mainstreaming in the project, to re-form the WFNs, to update on the project progress and to get the advice from the workshop results, especially from the H.E Hor Malin, Secretary of state – MAFF and the chairwomen of Gender and Children Working Group 72 participants, 42 females of 58.33%.</p> <p>From 25-26 October 2022, CS1/PIC Gender team (Int. National) conducted First Training Workshop on the new GAP for EAs / IAs and key Gender focal points (GFPs) ACs/WFNs at Provincial level. Most of participants have already been trained on Gender at Tonle Basac Restaurant in Phnom-Penh. The workshop was opened by remarks by H.E. Hor Malin with a total 53 participants (30 women or 56%).</p>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Expert consult with PMU strengthen or train on the sex-disaggregated data collection and mainstreaming of GAP indicators at the community's levels.</p>
4.5. Collection and analysis of sex disaggregated data where relevant and included in project reports (DMF, GAP and PPMS).	<p>The data of the sex disaggregated is under controlled and the total women represent in the capacity build activities such as training, demonstration and study tours supported by the project of 2,588 times, for 69,817 farmers, 28,820 females of 41.28% as the following activities:</p> <p>2QRT 2024 for the training, demonstrations and sturdy tours for 229 times, 6,745 people, 2,605 females of 39%.</p>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Expert consult with PMU to improve the PPMS with supporting data collection tools.</p>

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
	<p>1QRT 2924 for all the capacity building activities for 81 times, 2,729 persons, 748 females of 27.41%.</p> <p>The capacity build activities such as training, demonstration and study tours supported by the project in year 2023 of 233 times, 3,555 farmers, 1,107 females of 31.14%.</p> <p>The capacity build activities such as training, demonstration and study tours supported by the project in year 2022 of 1,145 times, 30,463 farmers, 13,521 females of 44.38%.</p> <p>The capacity build activities such as training, demonstration and study tours supported by the project in year 2021 of 294 times, 9,361 farmers, 4,305 females of 45.99%.</p> <p>The capacity build activities such as training, demonstration and study tours supported by the project in year 2020 of 240 times, 9,786 farmers, 4,377 females of 44.73%.</p> <p>The FWUCs capacity build activities such as training, demonstration and study tours supported by the project in year 2020-2023 of 122 times, 4,883 farmers, 1,324 females of 27.11%.</p>	
4.6. GAP implementation progress reports included in regular monitoring and reporting activities (at least semi-annually to ADB).	<p>Continuous work to support the implementation of the new GAP. All GFPs seem to have a better grasp on how to use it, and what the 14 targets and the 7 actions in the new GAP means.</p> <p>During the site observation, action plan(s) were designated as being accountable for specific objectives and activities for Gender and women participant. However, the contractor responsible for ensuring that women participant process needs to be monitored to meet the contract bids agreement requirement.</p> <p>Site managers understand of the GAP and Gender mainstreaming, and they are instructed to monitor the work conditions for women in the construction work, it will also serve to attract and retain women as workers during a critical time of labour shortages in the construction.</p>	<p>Issue:</p> <p>Action: NGS and National M&amp;E Expert consult with PMU to incorporate GAP progress report in the QPR.</p>



**Appendix 8: Result of Financial Audit for year 2023**



**GOVERNMENT OF THE KINGDOM OF CAMBODIA  
MINISTRY OF AGRICULTURE, FORESTRY  
AND FISHERIES  
Climate-Friendly Agribusiness  
Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan  
No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Management Letter  
for the year ended 31 December 2023**



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24 June 2024

Your Excellency,

### **Management Letter – Audit for the year ended 31 December 2023**

We have audited in accordance with Cambodian International Standards on Auditing, the financial statements of the Climate-Friendly Agribusiness Value Chains Sector Project (“the Project”), financed under the Asian Development Bank Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF), and implemented by the Ministry of Agriculture, Forestry and Fisheries (“MAFF”, “the Executive Agency” or “EA”), for the year ended 31 December 2023, and have issued our report thereon dated 24 June 2024. An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, we considered internal control relevant to the Project’s preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Project’s internal controls. Accordingly, we do not express an opinion on the effectiveness of the Project’s internal controls.

The maintenance of adequate controls designed to fulfill control objectives is the responsibility of management. Because of inherent limitations in internal controls, errors or fraud may nevertheless occur and not be detected. Also, controls found to be functioning at a point in time may later be found deficient because of the performance of those responsible for applying them, and there can be no assurance that controls currently in existence will prove to be adequate in the future as changes take place in the Project.



Our audit procedures are designed primarily to enable us to form an opinion on the financial statements, and therefore may not bring to light all weaknesses in policies or procedures that may exist. We aim, however, to use our knowledge of the Project gained during our work to make comments and suggestions that we hope will be useful to you.

Our findings are grouped into the following audit areas:

1. Financial management including record keeping systems and controls;
2. Procurement of goods and services;
3. Assets/Inventory management;
4. Cash management; and
5. Compliance with the key covenant of the Grant/Loan agreement and/or local regulations.

During our audit, we noted a matter involving internal controls that is presented for your consideration. The comment and recommendation, all of which have been discussed with the appropriate members of management, are intended to improve internal controls or result in other operating efficiencies and are summarised in the enclosed report.

The Project's written response to our comment and recommendation has not been subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

This communication is intended solely for the information and use of the Ministry of Economy and Finance, the Asian Development Bank and the Project management.

Yours faithfully,

For **KPMG Cambodia Ltd**



Nge Huy

Senior Partner



## Contents

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## 1. Financial management including record keeping systems and controls

### 1.1 Set more realistic budget or document explanation on significant variances

#### Observation

We noted that the estimated budget for the Project's payments are not comparable to the actual payments in some payments categories for the period under audit. There was no analysis or explanation causing to each variance nor threshold being set as to what extent the variance explanation should be provided. The significant variances were noted below.

Description	2023		Variance	
	Budget	Actual	Diff	%
	US\$	US\$		
<b>Investment</b>				
Civil works	6,578,502	6,843,485	264,983	4%
Equipment, materials, good and Project implementation service	110,613	-	(110,613)	-100%
Training, workshops and demonstration	4,110,480	1,486,943	(2,623,537)	-64%
Consulting services	2,879,384	2,270,963	(608,421)	-21%
Incremental operating costs	741,514	552,684	(188,830)	-25%
Interest charges during implementation	-	203,458	203,458	100%
<b>Total</b>	<b>14,420,493</b>	<b>11,357,533</b>	<b>(3,062,960)</b>	<b>-6%</b>

This issue was also raised following the previous year's audit.

#### Implication

If the budget is to be used as an effective control tool, it is important that it is used to compare with actual expenses or payments with proper explanation for the under/over use of fund. Otherwise, it will be much harder for the Project's management to monitor the effective use of the fund and set a realistic budget for the coming year.

#### Recommendation

The Project should use their best estimates and experience to set a realistic budget based on work plan. The comparison between budget and actual payments should be performed regularly. Any significant variance i.e.  $\geq 10\%$  shall provide a written explanation and remedy action plan. The budget should also be reviewed regularly and revised if needs.





**1. Financial management including record keeping systems and controls (continued)**

**1.1 Set more realistic budget or document explanation on significant variances (continued)**

*Management's response 2022*

- The shortage of GCF Grant Fund at the end of the year
- Delay of bidding on Biodigester and Compost Huts
- Late recruitment of CS3 and CS4
- Delay in procurement of Laboratory
- Delay of Construction of warehouse/ storage and training building center due to the raining season caused; and
- The COVID-19 pandemic caused.

The following statements are our commitments for the next fiscal year:

- The project is being requested to ADB to change the procurement procedure of bidding the bio-digesters and compost huts
- The project will speed up the training activities (capacity building), and
- The project will strengthen the implementation of Annual Work Plan and Budget 2023.

*Management's response 2023*

- The shortage of GCF Fund
- Delay of bidding on Biodigester and Compost Huts
- Delay of bidding on Laser Land Levelling
- Delay in Procurement of Laboratory Equipment

The following statements are our commitments for the next fiscal year:

- The project is being requested to ADB to speed up the budget allocation based the Mid-term review (MTR) in order to complete the project activities.
- The project will speed up the training activities (Capacity Building), and
- The project will strengthening the implementation of Annual Work Plan and Budget 2024

### Status of the prior year's observations and recommendations

No.	Observations	Recommendations	Status																																																	
1.	<b>Financial management including record keeping systems and controls</b>																																																			
1.1	<p><b>Set more realistic budget or document explanation on significant variances</b></p> <p>We noted that the estimated budget for the Project's payments are not comparable to the actual payments in some payments categories for the period under audit. There was no analysis or explanation causing to each variance nor threshold being set as to what extent the variance explanation should be provided. The significant variances were noted below:</p> <table border="1"> <thead> <tr> <th rowspan="2">Description</th> <th colspan="2">2022</th> <th colspan="2">Variance</th> </tr> <tr> <th>Budget US\$</th> <th>Actual US\$</th> <th>Diff</th> <th>%</th> </tr> </thead> <tbody> <tr> <td><b>Investment</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Civil works</td> <td>5,257,540</td> <td>1,843,937</td> <td>3,413,603</td> <td>65%</td> </tr> <tr> <td>Equipment, materials, good and Project implementation service</td> <td>1,308,630</td> <td>82,368</td> <td>1,226,262</td> <td>94%</td> </tr> <tr> <td>Training, workshops and demonstration</td> <td>2,003,050</td> <td>771,856</td> <td>1,231,194</td> <td>61%</td> </tr> <tr> <td>Consulting services</td> <td>4,313,880</td> <td>2,374,256</td> <td>1,939,624</td> <td>45%</td> </tr> <tr> <td>Incremental operating costs</td> <td>635,200</td> <td>468,200</td> <td>167,000</td> <td>26%</td> </tr> <tr> <td>Interest charges during implementation</td> <td>-</td> <td>102,179</td> <td>(102,179)</td> <td>100%</td> </tr> <tr> <td><b>Total</b></td> <td><b>13,518,300</b></td> <td><b>5,642,795</b></td> <td><b>7,875,505</b></td> <td><b>58%</b></td> </tr> </tbody> </table>	Description	2022		Variance		Budget US\$	Actual US\$	Diff	%	<b>Investment</b>					Civil works	5,257,540	1,843,937	3,413,603	65%	Equipment, materials, good and Project implementation service	1,308,630	82,368	1,226,262	94%	Training, workshops and demonstration	2,003,050	771,856	1,231,194	61%	Consulting services	4,313,880	2,374,256	1,939,624	45%	Incremental operating costs	635,200	468,200	167,000	26%	Interest charges during implementation	-	102,179	(102,179)	100%	<b>Total</b>	<b>13,518,300</b>	<b>5,642,795</b>	<b>7,875,505</b>	<b>58%</b>	<p>The Project should use their best estimates and experience to set a realistic budget based on work plan. The comparison between budget and actual payments should be performed regularly. Any significant variance i.e. ≥10% shall provide a written explanation and remedy action plan. The budget should also be reviewed regularly and revised if needs.</p>	<p>Not implemented. Please refer to 1.1.</p>
Description	2022		Variance																																																	
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3

### Status of the prior year's observations and recommendations (continued)

No.	Observations	Recommendations	Status
1.	<b>Financial management including record keeping systems and controls (continued)</b>		
1.2	<p><b>Comply with the Cash Basis of Accounting of Cambodian Public Sector Accounting Standards ("CPSAS")</b></p> <p>In accordance with the Prakas from Ministry of Economics and Finance dated on 14 October 2020, the Project shall adopt Cash Basis of Accounting of Cambodian Public Sector Accounting Standards ("CPSAS") effective from 1 January 2020. However, we have noted that there are expenses paid by the provincial office that were not recognised by the Project as expenditure in 2022 and still recognised as provincial cash (as known as "sub-account to provinces").</p> <p>Audit adjustment was raised in the financial statements in order to comply with CPSAS.</p>	<p>The Project should properly account for accounting transactions in accordance with CPSAS.</p>	<p>Implemented.</p>
1.3	<p><b>Opening fund balance not taken up and not agreed to audited report figures</b></p> <p>Post-closing adjustments that were agreed in prior year audit were not taken up in the opening balances of year 2022.</p>	<p>All post account closing adjustments should be recorded immediately to correct the opening fund balance of the following year.</p>	<p>Implemented.</p>

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**GOVERNMENT OF THE KINGDOM OF CAMBODIA  
MINISTRY OF AGRICULTURE,  
FORESTRY AND FISHERIES**

**Climate-Friendly Agribusiness  
Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL),  
ADB GCF Loan No. 8346 – CAM (EF), and  
Grant No. 0579 – CAM (EF)

**Financial Statements  
and Statement of Compliance  
for the year ended 31 December 2023**

## Project Information

Project title	Climate-Friendly Agribusiness Value Chains Sector Project
Project number	48409-002
Project status	Active
Sector/Subsector	Agriculture, natural resources and rural development Agricultural policy, institutional and capacity development – Agricultural production – Irrigation
Implementing organisation	Government of the Kingdom of Cambodia Ministry of Agriculture, Forestry and Fisheries Norodom Blvd, Sangkat Tonle Basak, Khan Chamkarmom Phnom Penh
Source of Funding	Asian Development Bank ADB Loan No. 3661 – CAM (COL) ADB GCF Loan No. 8346 – CAM (EF) Grant No. 0579 – CAM (EF) Government of the Kingdom of Cambodia
Contract period	1 October 2018 to 30 September 2026
Project cost	US\$ 141,040,000
Reporting period	For the period from 1 January to 31 December
Principal bankers	National Bank of Cambodia Aceda Bank Plc
Auditors	KPMG Cambodia Ltd

## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

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**PART I**  
**Financial Statements**  
**for the year ended 31 December 2023**  
**and**  
**Report of the Independent Auditors**



KINGDOM OF CAMBODIA  
NATION RELIGION KING


Ministry of Agriculture, Forestry and Fisheries  
Project Management Unit

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
ADB Loan No. 3661-CAM (COL), 8346-CAM (EF) and Grant No. 0579 (EF)

### Statement by the management

I, the undersigned, do hereby state that in my opinion, the accompanying financial statements, which comprise the statement of cash receipts and payments and statement of advance account for the year ended 31 December 2023 and notes as set out on pages 5 to 32 of the Climate-Friendly Agribusiness Value Chains Sector Project ("the Project"), financed under the Asian Development Bank Loan. No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF), and implemented by the Ministry of Agriculture, Forestry and Fisheries, ("MAFF", "the Executive Agency or "EA"), present fairly, in all material respects, in accordance with the Cash Basis of Accounting of Cambodian Public Sector Accounting Standards ("CPSAS").

On behalf of the Project's management: 



Dr. Sam Chhom Sangha  
Project Director  
Ministry of Agriculture, Forestry and Fisheries

Phnom Penh, Kingdom of Cambodia

Date: 24 June 2024



KPMG Cambodia Ltd  
GIA Tower, Sopheak Mongkul Street, Phum 14  
Sangkat Tonle Bassac, Khan Chamkar Mon  
Phnom Penh, Cambodia  
+855 (17) 666 537 / +855 (81) 533 999 | kpmg.com.kh

## **Report of the Independent Auditors To the Ministry of Economy and Finance Government of the Kingdom of Cambodia**

### ***Opinion***

We have audited the accompanying financial statements of the Climate-Friendly Agribusiness Value Chains Sector Project (“the Project”), financed under the Asian Development Bank Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF), and implemented by the Ministry of Agriculture, Forestry and Fisheries (“MAFF”, “the Executive Agency” or “EA”), which comprise the statement of cash receipts and payments and statement of advance account for the year ended 31 December 2023 and notes, comprising significant accounting policies and other explanatory information as set out on pages 5 to 32 (hereafter referred to as “the financial statements”).

In our opinion, the accompanying financial statements present fairly, in all material respects, the cash balance of the Project as at 31 December 2023 and its cash receipts and payments for the year then ended in accordance with the Cash Basis of Accounting of Cambodian Public Sector Accounting Standards (“CPSAS”).

### ***Basis for Opinion***

We conducted our audit in accordance with Cambodian International Standards on Auditing (CISAs). Our responsibilities under those standards are further described in the *Auditors’ Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Project in accordance with the ethical requirements that are relevant to our audit of the financial statements in Cambodia, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### ***Other Information***

Management is responsible for the other information. The other information comprises the information included in the Appendix I on page i, but does not include the financial statements and our auditors’ report thereon.

Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.





In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

### ***Responsibilities of Management and Those Charged with Governance for the Financial Statements***

Management is responsible for the preparation and fair presentation of the financial statements in accordance with CPSAS, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the EA's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to cease the operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Project's financial reporting process.

### ***Auditors' Responsibility for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with CISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with CISAs, we exercise professional judgment and maintain professional scepticism throughout the audit. We are also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Project's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.



- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the EA's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the EA to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

For KPMG Cambodia Ltd

Nge Huy  
Senior Partner

Phnom Penh, Kingdom of Cambodia

24 June 2024

**Ministry of Agriculture, Forestry and Fisheries**

**Climate-Friendly Agribusiness Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Statement of cash receipts and payments  
for the year ended 31 December 2023**

	Note	Year ended 31 December 2023				Total US\$	Year ended	Cumulative
		ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$		31 December 2022	period from 1 October 2018 to 31 December 2023
						US\$	US\$	
<b>Receipts</b>								
Asia Development Bank	5	9,313,827	2,409,591	3,109	-	11,726,527	4,606,784	23,529,561
Government of the Kingdom of Cambodia	5	-	-	-	75,522	75,522	118,031	549,035
		<u>9,313,827</u>	<u>2,409,591</u>	<u>3,109</u>	<u>75,522</u>	<u>11,802,049</u>	<u>4,724,815</u>	<u>24,078,596</u>
<b>Payments by category and financier</b>								
Civil works	6	6,843,485	-	-	-	6,843,485	1,843,937	8,734,318
Equipment, materials, goods and project implementation services	7	50,102	-	-	-	50,102	82,368	963,752
Consulting services	8	1,961,010	309,953	-	-	2,270,963	2,134,499	7,617,363
Trainings, workshops and demonstration	9	-	1,486,943	-	-	1,486,943	804,392	3,004,990
Incremental operating costs	10	398,595	-	-	103,987	502,582	484,093	1,870,818
Interest charge	5	200,349	-	-	-	200,349	100,723	392,424
Service charge	5	-	-	3,109	-	3,109	1,457	4,974
		<u>9,453,541</u>	<u>1,796,896</u>	<u>3,109</u>	<u>103,987</u>	<u>11,357,533</u>	<u>5,451,469</u>	<u>22,588,639</u>
<b>(Decrease)/Increase in cash</b>		<u>(139,714)</u>	<u>612,695</u>	<u>-</u>	<u>(28,465)</u>	<u>444,516</u>	<u>(726,654)</u>	<u>1,489,957</u>

**Ministry of Agriculture, Forestry and Fisheries**

**Climate-Friendly Agribusiness Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Statement of cash receipts and payments (continued)  
for the year ended 31 December 2023**

	Note	Year ended 31 December 2023			Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
		ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$		
Cash at beginning of the year		897,622	49,513	-	98,306	1,045,441
Increase/(Decrease) in cash		(139,714)	612,695	-	(28,465)	444,516
<b>Cash at end of the year</b>	<b>4</b>	<b>757,908</b>	<b>662,208</b>	<b>-</b>	<b>69,841</b>	<b>1,489,957</b>




Dr. Sam Chhom Sangha  
Project Director  
Ministry of Agriculture, Forestry and Fisheries

Phnom Penh, Kingdom of Cambodia

Date: 24 June 2024

The accompanying notes form an integral part of these financial statements.

  
For: Mr. Chhuon Mao  
Financial Management Specialist  
Ministry of Agriculture, Forestry and Fisheries

Ministry of Agriculture, Forestry and Fisheries

Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

Statement of advance account  
for the year ended 31 December 2023

	Note	Year ended 31 December 2023			Year ended	Cumulative	
		ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	Total US\$	31 December 2022	period from 1 October 2018 to 31 December 2023
<b>Part A</b>							
Beginning cash balance		897,622	49,513	-	947,135	1,684,628	-
<b>Receipt</b>							
Initial advance	5	-	-	-	-	-	2,000,000
Amount replenished	5	984,450	2,099,638	-	3,084,088	565,164	5,096,554
		<u>984,450</u>	<u>2,099,638</u>	<u>-</u>	<u>3,084,088</u>	<u>565,164</u>	<u>7,096,554</u>
<b>Payments made from advance account</b>							
Civil works	6	640,988	-	-	640,988	38,996	726,880
Equipment, materials, goods and project implementation services	7	50,102	-	-	50,102	82,368	351,574
Consulting services	8	34,479	-	-	34,479	-	201,370
Trainings, workshops and demonstration	9	-	1,486,943	-	1,486,943	804,392	3,004,990
Incremental operating costs	10	398,595	-	-	398,595	376,901	1,391,624
		<u>1,124,164</u>	<u>1,486,943</u>	<u>-</u>	<u>2,611,107</u>	<u>1,302,657</u>	<u>5,676,438</u>
Ending Cash Balance	4	<u>757,908</u>	<u>662,208</u>	<u>-</u>	<u>1,420,116</u>	<u>947,135</u>	<u>1,420,116</u>

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Ministry of Agriculture, Forestry and Fisheries

Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

Statement of advance account (continued)  
for the year ended 31 December 2023

	Note	Year ended 31 December 2023			Year ended	Cumulative	
		ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	Total US\$	31 December 2022	period from 1 October 2018 to 31 December 2023
<b>Part B – Advance account reconciliation</b>							
Initial advance	A	1,000,000	1,000,000	-	2,000,000	2,000,000	2,000,000
Balance of advance account as at 31 December per bank statement		757,183	662,208	-	1,419,391	946,410	1,419,391
Less: Outstanding cheque		-	-	-	-	-	-
Add: Petty cash balance		725	-	-	725	725	725
Total cash balance	B	<u>757,908</u>	<u>662,208</u>	<u>-</u>	<u>1,420,116</u>	<u>947,135</u>	<u>1,420,116</u>
Add: Amount claimed in current year not yet credited at date of bank statement	C	-	-	-	-	-	-
Total amount withdrawn from the advance account but not yet claimed for replenishment	D	<u>242,092</u>	<u>337,792</u>	<u>-</u>	<u>579,884</u>	<u>1,052,865</u>	<u>579,884</u>

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**Ministry of Agriculture, Forestry and Fisheries**

**Climate-Friendly Agribusiness Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Statement of advance account (continued)  
for the year ended 31 December 2023**

Note	Year ended 31 December 2023		Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$		
	242,092	337,792	-	579,884
	1,000,000	1,000,000	-	2,000,000
<b>Total advance accounted for (A=E+B+C+D)</b>	<b>E</b>			

**Part B – Advance account reconciliation (continued)**

- a. Current year withdrawn from advance account but not yet claimed for replenishment

US\$ 1,052,865

US\$ 579,884

US\$ 2,000,000



Dr. Sam Chhom Sangha  
Project Director  
Ministry of Agriculture, Forestry and Fisheries



Mr. Chhuon Mao  
Financial Management Specialist  
Ministry of Agriculture, Forestry and Fisheries

Phnom Penh, Kingdom of Cambodia

Date: 24 June 2024

The accompanying notes form an integral part of these financial statements.



## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF)  
and Grant No. 0579 – CAM (EF)

#### Notes to the financial statements for the year ended 31 December 2023

##### 1. Background and activities

The Climate-Friendly Agribusiness Value Chains Sector Project (“the Project”) was established under the Loan Agreement No. 3661 – CAM (COL), Green Climate Fund (“GCF”) Loan Agreement No. 8346 – CAM (EF) and Grant Agreement No. 0579 – CAM (EF) (“the Financing Agreements”), signed on 6 July 2018 between the Asian Development Bank (“ADB”) and the Government of the Kingdom of Cambodia (“GKC”) (represented by the Ministry of Economy and Finance).

The Project was approved by ADB on 6 July 2018 and declared effective date on 1 October 2018, whereby Loan Agreement No. 3661 – CAM (COL), GCF Loan Agreement No. 8346 – CAM (EF) and Grant Agreement No. 0579 – CAM (EF) provides the proceeds amounting to US\$90 million, US\$10 million and US\$30 million, respectively.

The Loan has a principal repayment period of 24 years, and a grace period of 8 years with an interest rate of 1% per annum during the grace period, and 1.5% per annum thereafter on the amount of the loan withdrawn from the loan account and outstanding from time to time. The interest charge and any other charge on the Loan shall be payable semi-annually on 15 June and 15 December in each year.

The objective of the Project is to develop productive and resource efficient agribusiness value chains.

The Project shall comprise of 3 components as the following:

*Component 1: Improvement and enhancement of climate resilience of critical agribusiness value chain infrastructure*

This includes rehabilitating water management infrastructure, upgrading agriculture cooperative value chain infrastructure, improving connectivity to cooperatives and markets, strengthening infrastructure for agricultural quality and safety testing at the National Agricultural Laboratory, and promoting renewable energy.

*Component 2: Promotion of “climate smart” agriculture and agribusiness*

This includes deploying climate resilient varieties, strengthening capacity in climate friendly production practices and technologies, and promoting farm mechanization and extension.

## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### Notes to the financial statements (continued) for the year ended 31 December 2023

#### 1. Background and activities (continued)

##### *Component 3: Enhancement of enabling environment for climate-friendly agribusiness*

This includes formulating climate friendly agribusiness policies and standards, promoting green finance and risk sharing mechanisms, and supporting climate risk management through information and communication technologies.

The Project will provide Consulting Services for capacity building, seed variety development, project implementation, and feasibility studies and detailed design for Subprojects. The Project is expected to be completed by 30 September 2024.

On 21 December 2021, the MEF had requested for the extension of the project completion to 31 March 2026 with the revised Loan closing date to 30 September 2026. The request had been approved by ADB on 22 December 2021.

The table below sets forth the categories of items of expenditure to be financed out of the proceeds of the ADB Loan and Grant and the allocation of amounts of the Loan and Grant each such category:

##### ADB Loan No. 3661 – CAM (COL)

No.	Item	Total amount allocated for ADB financing (US\$)		Basis for withdrawal from the loan account
		Category	Subcategory	
1	Civil works	67,630,590	-	
1A	Irrigation and roads	-	60,537,190	76.8% of total expenditure claimed
1B	Warehouses and laboratory	-	5,762,800	100% of total expenditure claimed
1C	Other infrastructure	-	1,330,600	92.1% of total expenditure claimed
2	Equipment, materials, goods and project implementation services	16,757,700	-	100% of total expenditure claimed*
3	Incremental operating costs	4,187,100	-	100% of total expenditure claimed
4	Interest charge	1,424,610	-	100% of amount due
	<b>Total</b>	<b>90,000,000</b>		



## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### Notes to the financial statements (continued) for the year ended 31 December 2023

#### 1. Background and activities (continued)

##### ADB Grant No. 0579 – CAM (EF)

No.	Item	Total amount allocated for ADB financing (US\$)		Basis for withdrawal from the loan account
		Category	Subcategory	
1	Civil works	11,263,860	-	
1A	Irrigation and roads	-	8,295,660	10.5% of total expenditure claimed
1B	Warehouses and laboratory	-	114,050	7.9% of total expenditure claimed
1C	Other infrastructure	-	2,854,150	100% of total expenditure claimed
2	Equipment, materials, goods and project implementation services	10,785,430	-	100% of total expenditure claimed*
3	Trainings, workshops, and demonstration	7,456,780	-	100% of total expenditure claimed
4	Incremental operating costs	493,930	-	100% of total expenditure claimed
	<b>Total</b>	<b>30,000,000</b>		

##### ADB GCF Loan No. 8346 – CAM (EF)

Allocation and Withdrawal of Loan Proceeds				
No.	Item	Total amount allocated for ADB financing (US\$)		Basis for withdrawal from the grant account
1	Civil works - Irrigation	9,963,900		12.7% of total expenditure claimed
2	Service charge	36,100		100% of amount due
	<b>Total</b>	<b>10,000,000</b>		

\* The GKC will finance taxes and duties through exemption and/or cash contribution and cash contribution for other costs.

The Ministry of Agriculture, Forestry and Fisheries ("MAFF") is the Project's Executing Agency ("EA") to assume overall supervision and guidance on implementation of the Project. The Ministry of Rural Development ("MRD") and Ministry of Water Resource and Meteorology ("MOWRAM") are the Implementing Agencies ("IAs").

## **Ministry of Agriculture, Forestry and Fisheries**

### **Climate-Friendly Agribusiness Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### **Notes to the financial statements (continued) for the year ended 31 December 2023**

## **2. Basis of accounting**

### **(a) Statement of compliance**

The financial statements have been prepared in accordance with the Cash Basis of Accounting of Cambodian Public Sector Accounting Standards ("CPSAS").

### **(b) Basis of measurement**

The financial statements expressed in United States Dollars (US\$) have been prepared under the historical cost convention.

## **3. Significant accounting policies**

### **(a) Fund receipts and payments**

Fund receipts are defined as the fund received by the Project from Development Partners and GKC. This is recognised when received and recorded as gross amounts of bank charges.

Payments represents all costs paid to support the objective of the Project and are recognised when paid.

### **(b) Statement of advance account**

The statement of advance account is prepared in accordance with the Loan and Grant Agreements and is purely used to receive and disburse for expenditure financed by the ADB loan and grant proceeds.

### **(c) Non-expendable equipment**

The cost of non-expendable equipment is charged to the statement of cash receipts and payments and statement of advance account upon acquisition. For control and management purposes, a memorandum account for non-expendable equipment is maintained by way of a non-expendable equipment listing.

### **(d) Interest and service charges**

The interest and service charges by the ADB are direct payment and accounted for in the statement of cash receipts and payments as receipts with corresponding payment category.

## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### Notes to the financial statements (continued) for the year ended 31 December 2023

### 3. Significant accounting policies (continued)

#### (e) Foreign currency transactions

The Project transacts its operations and maintains its accounting records primarily in United States Dollars ("US\$"). Transactions in currencies other than US\$ are converted into US\$ at the rates of exchange prevailing on the transaction dates published by the National Bank of Cambodia.

Cash and bank balances in currencies other than US\$ are translated into US\$ at the open market rates of exchange at the period end date. All foreign exchange differences are recognised in the statement of cash receipts and payments and the statement of advance account.

#### (f) In-kind contribution

All in-kind contribution from the GKC to the Project is not accounted for in the statement of cash receipts and payments and statement of advance account. In-kind contribution is disclosed in the notes to the financial statements for information only.

### 4. Cash

Cash comprises cash on hand, demand deposits and cash equivalents. Demand deposits and cash equivalents consist of balances with banks.

Cash included in the statement of cash receipts and payments and statement of advance account comprise the following amounts:

	As at 31 December 2023 US\$	As at 31 December 2022 US\$
Cash on hand – ADB Loan No. 3661	725	725
Advance account – ADB Loan No. 3661 (*)	<u>757,183</u>	<u>896,897</u>
Cash balance – ADB Loan No. 3661	757,908	897,622
Advance account – ADB Grant No. 0579 (*)	662,208	49,513
Advance account – Government Counterpart Fund (**)	<u>69,841</u>	<u>98,306</u>
	<u>1,489,957</u>	<u>1,045,441</u>

(\*) These represent bank balances maintained in separate bank accounts with the Aceda Bank Plc.

(\*\*) These represent bank balances maintained in separate bank accounts with the National Bank of Cambodia ("NBC").

**Ministry of Agriculture, Forestry and Fisheries**

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ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Notes to the financial statements (continued)  
for the year ended 31 December 2023**

**5. Receipts**

	Year ended 31 December 2023					Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$	Total US\$	US\$	US\$
<b>ADB</b>							
Direct payments (*)	8,129,028	309,953	-	-	8,438,981	3,939,440	16,035,609
Replenishment	984,450	2,099,638	-	-	3,084,088	565,164	5,096,554
Initial advance (**)	-	-	-	-	-	-	2,000,000
Interest charge (***)	200,349	-	-	-	200,349	100,723	392,424
Service charge	-	-	3,109	-	3,109	1,457	4,974
	<u>9,313,827</u>	<u>2,409,591</u>	<u>3,109</u>	<u>-</u>	<u>11,726,527</u>	<u>4,606,784</u>	<u>23,529,561</u>
<b>GKC</b>							
Advance account (****)	-	-	-	75,522	75,522	118,031	549,035
	<u>9,313,827</u>	<u>2,409,591</u>	<u>3,109</u>	<u>75,522</u>	<u>11,802,049</u>	<u>4,724,815</u>	<u>24,078,596</u>

(\*) Direct payments represent payments made by ADB directly to the suppliers on behalf of the Project.

(\*\*) The statement of advance account is prepared in accordance with the Loan and Grant Agreements and is purely used to receive and payments for expenditure financed by ADB loan and grant proceeds.

(\*\*\*) This represents the interest income charges from 1 October 2018 to 31 December 2023, that requested by ADB to MAFF for recording as the Executing Agency.

(\*\*\*\*) This represents advance account paid into the Government Counterpart Fund's account held by the Ministry of Agriculture, Forestry and Fisheries for the Project at the National Bank of Cambodia.

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**Ministry of Agriculture, Forestry and Fisheries**

**Climate-Friendly Agribusiness Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Notes to the financial statements (continued)  
for the year ended 31 December 2023**

**6. Civil works**

	Year ended 31 December 2023					Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$	Total US\$	US\$	US\$
<b>Direct payments:</b>							
The construction of mechanisation engineering workshop:							
- Kampot	6,218	-	-	-	6,218	37,532	43,750
- Tboung Khmum	6,218	-	-	-	6,218	22,719	28,937
- Kampong Cham	6,218	-	-	-	6,218	14,861	21,079
	<u>18,654</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>18,654</u>	<u>75,112</u>	<u>93,766</u>
The construction of training building and equipment:							
- Tboung Khmum	-	-	-	-	-	220,910	220,910
- Kampong Cham	-	-	-	-	-	416,102	416,102
- Takeo	-	-	-	-	-	331,390	331,390
- Kampot	-	-	-	-	-	287,884	287,884
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,256,286</u>	<u>1,256,286</u>

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Ministry of Agriculture, Forestry and Fisheries

Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

Notes to the financial statements (continued)  
for the year ended 31 December 2023

6. Civil works (continued)

	Year ended 31 December 2023					Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$	Total US\$	US\$	US\$
<b>Direct payments: (continued)</b>							
The construction of Rice Seed Storage & Grain Storage - PDAFF:							
- Tboung Khmum	45,813	-	-	-	45,813	65,875	111,688
- Kampong Cham	41,227	-	-	-	41,227	77,260	118,487
- Takeo	35,172	-	-	-	35,172	-	35,172
- Kampot	36,670	-	-	-	36,670	114,929	151,599
	<u>158,882</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>158,882</u>	<u>258,064</u>	<u>416,946</u>
The construction of Agriculture Cooperative (AC) Storage:							
- Tboung Khmum:	-	-	-	-	-	215,479	215,479
The construction of AC Storage:							
- 04 Units - Kampong Cham	826,600	-	-	-	826,600	-	826,600
- 04 Units - Kampot	371,185	-	-	-	371,185	-	371,185
- 05 Units - Tboung Khmum	529,387	-	-	-	529,387	-	529,387
- 08 Units - Kampot	719,335	-	-	-	719,335	-	719,335
- 10 Units - Tboung Khmum	1,292,564	-	-	-	1,292,564	-	1,292,564
- 12 Units - Takeo	1,090,096	-	-	-	1,090,096	-	1,090,096
- 13 Units - Takeo	1,167,570	-	-	-	1,167,570	-	1,167,570
	<u>5,996,737</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5,996,737</u>	<u>-</u>	<u>5,996,737</u>

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Ministry of Agriculture, Forestry and Fisheries

Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

Notes to the financial statements (continued)  
for the year ended 31 December 2023

6. Civil works (continued)

	Year ended 31 December 2023					Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$	Total US\$	US\$	US\$
<b>Direct payments: (continued)</b>							
The construction of Training Building Center-PADC & Eqpt.							
- Kampong Cham	9,508	-	-	-	9,508	-	9,508
- Takeo	9,427	-	-	-	9,427	-	9,427
- Tboung Khmum	9,289	-	-	-	9,289	-	9,289
	<u>28,224</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>28,224</u>	<u>-</u>	<u>28,224</u>
	<u>6,202,497</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>6,202,497</u>	<u>1,804,941</u>	<u>8,007,438</u>
<b>Advance account:</b>							
The construction of Net Houe for NAL under GDA							
	-	-	-	-	-	21,916	21,916
The Renovation Laboratory Room of Plant Tissue, Biofertilizer & Biopesticide Testing for National Agricultural Laboratory (NAL), GDA							
	109,436	-	-	-	109,436	17,080	126,516

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ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Notes to the financial statements (continued)  
for the year ended 31 December 2023**

**6. Civil works (continued)**

	Year ended 31 December 2023				Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023	
<b>Advance account (continued)</b>							
The construction of AC Storage:							
- 04 Units - Kampong Cham	67,685	-	-	-	67,685	-	67,685
- 04 Units - Kampot	20,621	-	-	-	20,621	-	20,621
- 05 Units - Tboung Khmum	29,410	-	-	-	29,410	-	29,410
- 08 Units - Kampot	79,926	-	-	-	79,926	-	79,926
- 10 Units - Tboung Khmum	143,618	-	-	-	143,618	-	143,618
- 12 Units - Takeo	60,562	-	-	-	60,562	-	60,562
- 13 Units - Takeo	129,730	-	-	-	129,730	-	129,730
	<u>531,552</u>	-	-	-	<u>531,552</u>	-	<u>531,552</u>
	<u>640,988</u>	-	-	-	<u>640,988</u>	<u>38,996</u>	<u>679,984</u>
	<u>6,843,485</u>	-	-	-	<u>6,843,485</u>	<u>1,843,937</u>	<u>8,687,422</u>

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ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Notes to the financial statements (continued)  
for the year ended 31 December 2023**

**7. Equipment, materials, goods and project implementation services**

	Year ended 31 December 2023					Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$	Total US\$	US\$	US\$
<b>Direct payments:</b>							
Vehicles	-	-	-	-	-	-	501,075
Office equipment	-	-	-	-	-	-	111,103
	-	-	-	-	-	-	612,178
<b>Advance accounts:</b>							
Vehicles	50,102	-	-	-	50,102	82,368	146,220
Office equipment	-	-	-	-	-	-	205,354
	<u>50,102</u>	-	-	-	<u>50,102</u>	<u>82,368</u>	<u>351,574</u>
	<u>50,102</u>	-	-	-	<u>50,102</u>	<u>82,368</u>	<u>963,752</u>

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ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Notes to the financial statements (continued)  
for the year ended 31 December 2023**

**8. Consulting services**

	Year ended 31 December 2023					Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$	Total US\$	US\$	US\$
<b>Direct payments:</b>							
Agriconsulting Europe SA	933,838	-	-	-	933,838	899,972	3,100,948
e.Gen Consultants Ltd.	601,384	-	-	-	601,384	407,829	1,822,485
Resource Development Consultants (Pvt) Ltd.	391,309	309,953	-	-	701,262	826,698	2,492,560
	<u>1,926,531</u>	<u>309,953</u>	<u>-</u>	<u>-</u>	<u>2,236,484</u>	<u>2,134,499</u>	<u>7,415,993</u>
<b>Advance accounts:</b>							
Resource Development Consultants (Pvt) Ltd.	34,479	-	-	-	34,479	-	201,370
	<u>34,479</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>34,479</u>	<u>-</u>	<u>201,370</u>
	<u>1,961,010</u>	<u>309,953</u>	<u>-</u>	<u>-</u>	<u>2,270,963</u>	<u>2,134,499</u>	<u>7,617,363</u>

During the year, there was advance payments amounting to US\$ 254,117 to the consulting services included in the above payments; out of which the amount of US\$254,117 remained unliquidated at 31 December 2023. (31 December 2022: all advance balances have been fully liquidated). Refer to Note 13 for details.

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ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Notes to the financial statements (continued)  
for the year ended 31 December 2023**

**9. Trainings, workshops and demonstration**

	Year ended 31 December 2023					Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$	Total US\$	US\$	US\$
<b>Advance accounts:</b>							
Meeting, training and workshops	-	1,486,943	-	-	1,486,943	804,392	3,004,990

**10. Incremental operating costs**

	Year ended 31 December 2023					Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	ADB Loan No. 3661 US\$	ADB Grant No. 0579 US\$	ADB Loan No. 8346 US\$	GKC US\$	Total US\$	US\$	US\$
<b>Advance accounts:</b>							
Contract and other staff	80,813	-	-	100,117	180,930	385,776	993,789
Office operations and support costs	317,782	-	-	3,870	321,652	98,317	877,029
	<u>398,595</u>	<u>-</u>	<u>-</u>	<u>103,987</u>	<u>502,582</u>	<u>484,093</u>	<u>1,870,818</u>

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ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Notes to the financial statements (continued)  
for the year ended 31 December 2023**

**11. Statement of disbursement**

Details of statement of disbursement from ADB funds are as follows:

	Year ended	Year ended	Cumulative
	31 December 2023	31 December 2022	period from 1 October 2018 to 31 December 2023
	US\$	US\$	US\$
<b>ADB fund claims during the year</b>			
Initial advance	-	-	2,000,000
Replenishment	3,084,088	565,164	5,096,554
Direct payments	8,438,981	3,939,440	16,035,609
Interest charge	200,349	100,723	392,424
Service charge	3,109	1,457	4,974
	(A) <u>11,726,527</u>	<u>4,606,784</u>	<u>23,529,561</u>
<b>Total payments made during the year</b>	(B) 11,357,533	5,451,469	22,588,639
Initial advance remains unused	(C) -	-	2,000,000
Payments made out of Government Counterpart fund	(D) (103,987)	(107,192)	(479,194)
Payments not yet claimed during the year	(E) (579,884)	(1,052,865)	(579,884)
Payments from prior year and replenish during the year	(F) 1,052,865	315,372	-
Payments claimed during the current year not yet credited to advance account	(G) -	-	-
Payments claimed prior year and credited to advance account	(H) -	-	-
<b>Total eligible expenditure claimed (A-I=B+C+D+E+F+G+H)</b>	(I) <u>11,726,527</u>	<u>4,606,784</u>	<u>23,529,561</u>

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ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Notes to the financial statements (continued)  
for the year ended 31 December 2023**

**12. Payments by category and financier**

Particulars	ADB Loan No. 3661		ADB Grant No. 0579		ADB Loan No. 8346		GKC		Total US\$
	Actual payments		Actual payments		Actual payments		Actual payments		
	US\$	%	US\$	%	US\$	%	US\$	%	
Civil works	6,843,485	100%	-	0%	-	0%	-	0%	6,843,485
Equipment, materials, goods and project implementation services	50,102	100%	-	0%	-	0%	-	0%	50,102
Consulting services	1,961,010	86%	309,953	14%	-	0%	-	0%	2,270,963
Training, workshops and demonstrations	-	0%	1,486,943	100%	-	0%	-	0%	1,486,943
Incremental operating costs	398,595	79%	-	0%	-	0%	103,987	21%	502,582
Interest charge	200,349	100%	-	0%	-	0%	-	0%	200,349
Service charge	-	0%	-	0%	3,109	100%	-	0%	3,109
<b>Total payments - for the year ended 31 December 2023</b>	<b>9,453,541</b>	<b>83%</b>	<b>1,796,896</b>	<b>16%</b>	<b>3,109</b>	<b>0%</b>	<b>103,987</b>	<b>1%</b>	<b>11,357,533</b>
<b>Total project costs</b>	<b>90,000,000</b>	<b>64%</b>	<b>30,000,000</b>	<b>21%</b>	<b>10,000,000</b>	<b>7%</b>	<b>11,040,000</b>	<b>8%</b>	<b>141,040,000</b>
<b>% of total project costs – for the year ended 31 December 2023</b>		<b>10.50%</b>		<b>5.99%</b>		<b>0.03%</b>		<b>0.94%</b>	<b>8.05%</b>
<b>% of cumulative expenses to total project costs – for the period from 1 October 2018 to 31 December 2023</b>		<b>20.88%</b>		<b>11.05%</b>		<b>0.05%</b>		<b>4.34%</b>	<b>16.02%</b>

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## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### Notes to the financial statements (continued) for the year ended 31 December 2023

### 13. Advance to consultants

During the year, the Project incurred the following advance transactions:

	Year ended 31 December 2023 US\$	Year ended 31 December 2022 US\$
At beginning of the year	-	239,757
Addition for the year (*)		
Consulting services (Note 8)	254,117	-
Liquidation		
Consulting services	-	(239,757)
At end of the year (Note 8) (**)	<u>254,117</u>	<u>-</u>

(\*) The advances were recorded as payments in respective payment categories upon incurred.

(\*\*) This represents unliquidated advances which are maintained by way of an advance register by management for monitoring purpose.

	As at 31 December 2023 US\$	As at 31 December 2022 US\$
Consulting services (Note 8)	<u>254,117</u>	<u>-</u>

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ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

Notes to the financial statements (continued)  
for the year ended 31 December 2023

14. Statement of withdrawals

Withdrawal Application number	Description	Date	Currency	Initial advance	Civil works	Equipment, materials, goods, and project implementation services	Consulting services	Training, workshops and demonstration	Incremental operating costs	Interest charge	Service charge	Total
<b>ADB Fund</b>												
<b>Year ended 31 December 2023</b>												
<b>ADB Loan No. 3661</b>												
A0054	Direct Payment	4-Jan-23	US\$	-	205,760	-	-	-	-	-	-	205,760
A0055	Direct Payment	4-Jan-23	US\$	-	-	-	100,783	-	-	-	-	100,783
A0056	Direct Payment	4-Jan-23	US\$	-	-	-	110,869	-	-	-	-	110,869
A0057	Direct Payment	4-Jan-23	US\$	-	-	-	74,874	-	-	-	-	74,874
A0058	Direct Payment	15-Feb-23	US\$	-	209,694	-	-	-	-	-	-	209,694
A0059	Direct Payment	6-Jun-23	US\$	-	-	-	117,501	-	-	-	-	117,501
A0060	Direct Payment	8-Mar-23	US\$	-	187,156	-	-	-	-	-	-	187,156
A0061	Direct Payment	27-Apr-23	US\$	-	-	-	54,798	-	-	-	-	54,798
A0062	Direct Payment	27-Apr-23	US\$	-	879,457	-	-	-	-	-	-	879,457
A0063	Direct Payment	17-Apr-23	US\$	-	653,843	-	-	-	-	-	-	653,843
A0064	Direct Payment	16-Jun-23	US\$	-	-	-	145,124	-	-	-	-	145,124
A0065	Direct Payment	16-Jun-23	US\$	-	-	-	62,101	-	-	-	-	62,101
A0066	Direct Payment	16-Jun-23	US\$	-	457,125	-	-	-	-	-	-	457,125
A0067	Direct Payment	20-Jun-23	US\$	-	-	-	84,982	-	-	-	-	84,982
A0068	Direct Payment	17-Jul-23	US\$	-	797,753	-	-	-	-	-	-	797,753
A0069	Direct Payment	7-Jul-23	US\$	-	-	-	171,671	-	-	-	-	171,671
A0070	Direct Payment	7-Jul-23	US\$	-	-	-	52,369	-	-	-	-	52,369
A0071	Direct Payment	7-Jul-23	US\$	-	-	-	77,927	-	-	-	-	77,927
A0072	Replenishment	30-Jun-23	US\$	-	96,785	-	-	-	276,564	-	-	373,349
A0073	Direct Payment	30-Aug-23	US\$	-	-	-	121,048	-	-	-	-	121,048
A0074	Direct Payment	16-Oct-23	US\$	-	1,289,708	-	-	-	-	-	-	1,289,708
A0075	Direct Payment	28-Sep-23	US\$	-	-	-	108,294	-	-	-	-	108,294

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Ministry of Agriculture, Forestry and Fisheries

Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

Notes to the financial statements (continued)  
for the year ended 31 December 2023

14. Statement of withdrawals (continued)

Withdrawal Application number	Description	Date	Currency	Initial advance	Civil works	Equipment, materials, goods, and project implementation services	Consulting services	Training, workshops and demonstration	Incremental operating costs	Interest charge	Service charge	Total
<b>ADB Fund</b>												
<b>Year ended 31 December 2023</b>												
<b>ADB Loan No. 3661</b>												
A0076	Direct Payment	4-Oct-23	US\$	-	386,164	-	-	-	-	-	-	386,164
A0077	Direct Payment	26-Oct-23	US\$	-	-	-	137,832	-	-	-	-	137,832
A0078	Direct Payment	17-Nov-23	US\$	-	-	-	122,971	-	-	-	-	122,971
A0079	Direct Payment	28-Nov-23	US\$	-	1,135,836	-	-	-	-	-	-	1,135,836
A0080	Direct Payment	29-Nov-23	US\$	-	-	-	257,081	-	-	-	-	257,081
A0081	Direct Payment	29-Nov-23	US\$	-	-	-	125,977	-	-	-	-	125,977
A0082	Replenishment	18-Dec-23	US\$	-	409,451	-	34,479	-	167,171	-	-	611,101
CAP4	Direct charges	15-Jun-23	US\$	-	-	-	-	-	-	77,789	-	77,789
CAP5	Direct charges	15-Dec-23	US\$	-	-	-	-	-	-	122,560	-	122,560
<b>Sub-total</b>					<b>6,708,732</b>		<b>1,961,011</b>		<b>443,735</b>	<b>200,349</b>		<b>9,313,827</b>

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Ministry of Agriculture, Forestry and Fisheries

Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

Notes to the financial statements (continued)  
for the year ended 31 December 2023

14. Statement of withdrawals (continued)

Withdrawal Application number	Description	Date	Currency	Initial advance	Civil works	Equipment, materials, goods, and project implementation services	Consulting services	Training, workshops and demonstration	Incremental operating costs	Interest charge	Service charge	Total
<b>ADB Fund</b>												
Year ended 31 December 2023												
<b>ADB Grant No. 0579</b>												
A0007	Direct Payment	16-Jun-23	US\$	-	-	-	254,117	-	-	-	-	254,117
A0009	Replenishment	28-Jun-23	US\$	-	-	-	-	207,813	-	-	-	207,813
A0008	Replenishment	24-May-23	US\$	-	-	-	-	631,539	-	-	-	631,539
A0010	Replenishment	30-Aug-23	US\$	-	-	-	-	421,467	-	-	-	421,467
A0011	Replenishment	1-Dec-23	US\$	-	-	-	-	416,753	-	-	-	416,753
A0012	Direct Payment	15-Dec-23	US\$	-	-	-	55,836	-	-	-	-	55,836
A0013	Replenishment	18-Dec-23	US\$	-	-	-	-	422,066	-	-	-	422,066
<b>Sub-total</b>				-	-	-	<b>309,953</b>	<b>2,099,638</b>	-	-	-	<b>2,409,591</b>

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Ministry of Agriculture, Forestry and Fisheries

Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

Notes to the financial statements (continued)  
for the year ended 31 December 2023

14. Statement of withdrawals (continued)

Withdrawal Application number	Description	Date	Currency	Initial advance	Civil works	Equipment, materials, goods, and project implementation services	Consulting services	Training, workshops and demonstration	Incremental operating costs	Interest charge	Service charge	Total
<b>ADB Loan No. 8346</b>												
CAP2	Direct charges	15-Jun-23	US\$	-	-	-	-	-	-	-	1,099	1,099
CAP3	Direct charges	15-Dec-23	US\$	-	-	-	-	-	-	-	2,010	2,010
<b>Sub-total</b>				-	-	-	-	-	-	-	<b>3,109</b>	<b>3,109</b>
<b>GKC Fund</b>												
A0005	Replenishment	14-Aug-23	US\$	-	-	-	-	-	75,522	-	-	75,522
<b>Total fund for the year ended 31 December 2023</b>				-	<b>6,708,732</b>	-	<b>2,270,964</b>	<b>2,099,638</b>	<b>519,257</b>	<b>200,349</b>	<b>3,109</b>	<b>11,802,049</b>
<b>Total fund for the year ended 31 December 2022</b>												
ADB Loan No. 3661				-	1,843,937	82,368	2,134,499	-	343,800	100,723	-	4,506,327
ADB Grant No. 0579				-	-	-	-	100,000	-	-	-	100,000
ADB Loan No. 8346				-	-	-	-	-	-	1,457	-	1,457
GKC Fund				-	-	-	-	-	118,031	-	-	118,031
<b>Total fund for the year ended 31 December 2022</b>				-	<b>1,843,937</b>	<b>82,368</b>	<b>2,134,499</b>	<b>100,000</b>	<b>461,831</b>	<b>102,180</b>	-	<b>4,724,815</b>

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**Ministry of Agriculture, Forestry and Fisheries**

**Climate-Friendly Agribusiness Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

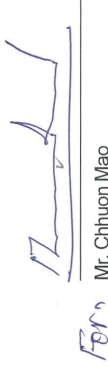
Notes to the financial statements (continued)  
for the year ended 31 December 2023

**14. Statement of withdrawals (continued)**

Withdrawal Application number <sup>1</sup>	Description	Date	Currency	Initial advance	Civil works	Equipment, materials, goods, and project implementation services	Consulting services	Training, workshops and demonstration	Incremental operating costs	Interest charge	Service charge	Total
Cumulative period from 1 October 2018 to 31 December 2023												
ADB Loan No. 3661				2,150,000	8,599,565	2,000,063	6,220,999	567,560	1,184,386	392,423	408	21,115,404
ADB Grant No. 0579				-	-	-	309,953	2,099,638	-	-	-	2,409,591
ADB Loan No. 8346				-	-	-	-	-	-	1,457	3,109	4,566
GKC Fund				-	-	-	-	-	549,035	-	-	549,035
Cumulative period from 1 October 2018 to 31 December 2023				2,150,000	8,599,565	2,000,063	6,530,952	2,667,198	1,733,421	393,880	3,517	24,078,596



Dr. Sam Chhom Sangha  
Project Director  
Ministry of Agriculture, Forestry and Fisheries



Mr. Chhuon Mao  
Financial Management Specialist  
Ministry of Agriculture, Forestry and Fisheries

Phnom Penh, Kingdom of Cambodia

Date: 24 June 2024

## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### Notes to the financial statements (continued) for the year ended 31 December 2023

### 15. Items not recognised in the statement of cash receipts and payments

#### 15.1. Receipts from selling bid documents

During the year, the Project has income from selling bidding documents as follow:

	Year ended 31 December 2023	Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	US\$	US\$	US\$
Receipt (*)	750	1,000	3,450
Transferred to NTD	-	(1,000)	(1,700)
	<u>750</u>	<u>-</u>	<u>1,750</u>

(\*) Receipt during the year was kept as cash on hand as at 31 December 2023. This receipt was subsequently transferred to the General Department of National Treasury on 1 April 2024.

#### 15.2. In-kind contribution

The Project's management has identified and calculated in-kind contribution from the GKC to the Project based on the MEF's guideline as follows:

	Year ended 31 December 2023	Year ended 31 December 2022	Cumulative period from 1 October 2018 to 31 December 2023
	US\$	US\$	US\$
Office space	124,320	124,320	673,400
Utilities (electricity and water)	12,180	12,180	65,975
Salaries of project staff	318,488	318,489	1,530,456
	<u>454,988</u>	<u>454,989</u>	<u>2,269,831</u>

## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### Notes to the financial statements (continued) for the year ended 31 December 2023

### 15. Items not recognised in the statement of cash receipts and payments (continued)

#### 15.3. Payment commitments

As at 31 December 2023, the Project has the following commitments:

	As at 31 December 2023 US\$	As at 31 December 2022 US\$
Contracted, but not yet paid:		
Agriconsulting Europe SA	1,278,981	1,991,090
e.Gen Consultants Ltd.	1,544,378	2,043,974
Resource Development Consultants (Pvt) Ltd.	230,493	2,049,337
Hout Chhoeun Construction Co., Ltd	1,298	-
Taing Cheng Oing Construction	12,652	59,463
Kasegro Co., Ltd	2,435	2,435
KBH Construction Co., Ltd	1,439	3,968,509
HGB Auto Co., Ltd	-	55,200
OMC Co., Ltd	-	27,168
Resources Development Consultants (PVT) Ltd. (Sri Lanka) in joint venture with Genesis Software (Pvt) Ltd and sub-consultant CAM-CSTR Co. Ltd.	1,384,158	-
	<u>4,455,834</u>	<u>10,197,176</u>

**Ministry of Agriculture, Forestry and Fisheries**  
**Climate-Friendly Agribusiness Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

**Appendix I: Statement of budget versus actual payments  
for the year ended 31 December 2023**

Description	Year ended 31 December 2023			Year ended 31 December 2022			Cumulative period from 1 October 2018 to 31 December 2023			
	Budget (unaudited) US\$	Actual US\$	Variance %	Budget (unaudited) US\$	Actual US\$	Variance %	Project Cost US\$	Actual US\$	Remaining Project Costs	
									US\$	%
Civil works	6,578,502	6,843,485	4%	5,257,540	1,843,937	3,413,603	78,894,450	8,734,318	70,160,132	89%
Irrigation and roads	-	-	-	-	-	-	16,383,900	-	16,383,900	100%
Equipment, materials, goods and project implementation services	110,613	50,102	-55%	1,308,630	82,368	1,226,262	29,883,130	963,752	28,919,378	97%
Consulting services	2,879,384	2,270,963	-21%	4,313,880	2,134,499	2,179,381	-	7,617,363	(7,617,363)	100%
Training, workshops, and demonstration	4,110,480	1,486,943	-64%	2,003,050	804,392	1,198,658	7,456,780	3,004,990	4,451,790	60%
Incremental operating costs	741,514	502,582	-32%	635,200	484,093	151,107	6,961,030	1,870,818	5,090,212	73%
Interest charge	-	200,349	100%	-	100,723	(100,723)	1,424,610	394,289	1,030,321	72%
Service charge	-	3,109	100%	-	1,457	(1,457)	36,100	197,049	(160,949)	-44%
<b>Total</b>	<b>14,420,493</b>	<b>11,357,533</b>	<b>-21%</b>	<b>13,518,300</b>	<b>5,451,469</b>	<b>8,066,831</b>	<b>141,040,000</b>	<b>22,782,579</b>	<b>118,257,421</b>	<b>84%</b>

*Sambok*

Dr. Sam Chhom Sangha  
 Project Director  
 Ministry of Agriculture, Forestry and Fisheries  
 Phnom Penh, Kingdom of Cambodia

Date 24 June 2024

*Mr. Chhuon Mao*

Mr. Chhuon Mao  
 Financial Management Specialist  
 Ministry of Agriculture, Forestry and Fisheries



**PART II**

**Independent Assurance Report on Compliance  
with  
the Financing Agreements  
for the year ended 31 December 2023**





KINGDOM OF CAMBODIA  
NATION RELIGION KING

Ministry of Agriculture, Forestry and Fisheries  
Project Management Unit

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
ADB Loan No. 3661-CAM (COL), 8346-CAM (EF) and Grant No. 0579 (EF)

### Management assertion

I, on behalf of the Project's management of the Climate-Friendly Agribusiness Value Chains Sector Project ("the Project") under ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF), do hereby state that the Project is, in all material respects, in compliance with the Financing Agreements for the year ended 31 December 2023 as set out on pages 37 to 39, in particular:

- (i) The EA has utilised the proceeds of the loans/grant, in all material respects, for the purpose of the Project in accordance with the terms and conditions set out in the Financing Agreements;
- (ii) The EA has complied, in all material respects, with the financial covenants of the Financing Agreements;
- (iii) The Advance account procedures, have been operated, in all material respects, in accordance with ADB's Loan/Grant Disbursement Handbook;
- (iv) The Project has complied, in all material respects, with the statement of expenditure ("SOE") procedure set out in ADB's Loan/Grant Disbursement Handbook for the year ended 31 December 2023. In addition, adequate supporting documentation has been maintained to authenticate claims stated on SOE procedure for reimbursement of eligible expenditures incurred and liquidation of advances provided to the advance account; and
- (v) The effective internal control, including the procurement process was maintained.

Dr. Sam Chhom Sangha   
Project Director  
Ministry of Agriculture, Forestry and Fisheries

Phnom Penh, Kingdom of Cambodia

Date: 24 June 2024



KPMG Cambodia Ltd  
GIA Tower, Sopheak Mongkul Street, Phum 14  
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## **INDEPENDENT REASONABLE ASSURANCE REPORT**

### **To the Ministry of Economy and Finance**

### **on the Compliance with the Financing Agreements**

We were engaged by the Ministry of Economy and Finance (“MEF”) to report on the Climate-Friendly Agribusiness Value Chains Sector Project (“the Project”) with the ADB Loan Agreement No. 3661 – CAM (COL), ADB GCF Loan Agreement No. 8346 – CAM (EF) and the Grant Agreement No. 0579 – CAM (EF) (“the Financing Agreements”) and management’s statement thereon as set out on pages 37 to 39 comprising: 1) Article III: Use of Proceeds of the Loan/Grant; and 2) Article IV: Particular Covenants (collectively referred to as “Statement of Compliance”) for the year ended 31 December 2023 in the form of an independent reasonable assurance conclusion about whether the Project’s statement that the Project, in all material respects, has complied with the requirements set out in the Financing Agreements, is fairly stated, in particular:

- (i) The Project’s funds have been used, in all material respects, for the purposes of the Project in accordance with the terms and conditions set out in the Financing Agreements.
- (ii) The Project has complied, in all material respects, with the covenants of the Financing Agreements.

#### ***Management’s Responsibilities***

The management of the Project is responsible for the preparation of the Statement of Compliance that is free from material misstatement and in accordance with those requirements set out by the Financing Agreements and for the information contained therein on pages 37 to 39.

This responsibility includes designing, implementing and maintaining internal controls relevant to the preparation of the Statement of Compliance that is free from material misstatement, whether due to fraud or error. It also includes ensuring compliance with those requirements set out in the Financing Agreements; selecting and applying policies; making judgements and estimates that are reasonable in the circumstances; and maintaining adequate records in relation to the Statement of Compliance. The management of the Project also responsible for preventing and detecting fraud and for identifying and ensuring that the Project complies with laws and regulations applicable to its activities. The management is responsible for ensuring that staff involved with the preparation of the Statement of Compliance are properly trained, information systems are properly updated and that any changes in reporting encompass all significant reporting units.



### ***Our Responsibilities***

Our responsibility is to examine the Statement of Compliance prepared by the management and to report thereon in the form of an independent reasonable assurance conclusion based on the evidence obtained. We conducted our engagement in accordance with Cambodian International Standard on Assurance Engagements (CISAE) 3000, Assurance Engagement Other than Audits or Reviews of Historical Financial Information. That standard requires that we comply with ethical requirements, including independence requirements, and plan and perform our procedures to obtain reasonable assurance about whether the Statement of Compliance is properly prepared, in all material respects, in compliance with the relevant terms and conditions set out in the Financing Agreements.

The firm applies Cambodian International Standard on Quality Management 1 which requires the firm to design implement and operate a system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

We have complied with the independence and other ethical requirements of the Code of Ethics for Professional Accountants, which are founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

The procedures selected depend on our judgement, including the assessment of the risks of material misstatement of the Statement of Compliance whether due to fraud or error.

In making those risk assessments, we have considered internal controls relevant to the preparation of the Statement of Compliance, in order to design assurance procedures that are appropriate in the circumstances, but not for the purposes of expressing a conclusion as to the effectiveness of the Project's internal control over the preparation of the Statement of Compliance. Our engagement also included assessing the appropriateness of the Statement of Compliance, the suitability of the criteria used by the Project's management in preparing the Statement of Compliance in the circumstances of the engagement, evaluating the appropriateness of the methods, policies and procedures and models used in the preparation of the Statement of Compliance and the reasonableness of estimates made by the Project and evaluating the overall presentation of the Statement of Compliance. Reasonable assurance is less than absolute assurance.

As part of this engagement, we have not performed any procedures by way of audit, review or verification of the Statement of Compliance nor of the underlying records or other sources from which the Statement of Compliance were extracted.

### ***Criteria***

The criteria applied in preparation of the Statement of Compliance is described in the accompanying Statement of Compliance.



**Conclusion**

Our conclusion has been formed on the basis of, and is subject to, the matters outlined in this report.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our conclusion.

In our opinion, the Project is, in all material respects, has complied with the requirements of the Financing Agreements for the year ended 31 December 2023, in particular the following assertions by management of the Project as stated in the Statement of Compliance, are properly represented:

- (i) The Project's funds have been used, in all material respects, for the purposes of the Project in accordance with the terms and conditions set out in the Financing Agreements.
- (ii) The Project has complied, in all material respects, with the covenants of the Financing Agreements.

**Restriction on Use of Our Report**

Our report should not be regarded as suitable to be used or relied on by any party other than the Project, MEF and ADB for any purpose or in any context. Any party other than the Project, MEF and ADB who obtains access to our report or a copy thereof and chooses to rely on our report (or any part thereof) will do so at its own risk. We accept or assume no responsibility and deny any liability to any party other than the Project, MEF and ADB for our work, for this independent reasonable assurance report, or for the conclusions we have reached.

Our report is released to the Project, MEF and ADB on the basis that it shall not be copied, referred to or disclosed, in whole or in part, without our prior written consent.

For KPMG Cambodia Ltd



Nge Huy  
Senior Partner

Phnom Penh, Kingdom of Cambodia

24 June 2024



## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF)  
and Grant No. 0579 – CAM (EF)

### Statement of Compliance with the Financing Agreements for the year ended 31 December 2023

#### Criteria

This Statement of Compliance is prepared in accordance with the criteria determined by the ADB in accordance with the ADB Loan Agreement No. 3661 – CAM (COL), ADB GCF Loan Agreement No. 8346 – CAM (EF) and the Grant Agreement No. 0579 – CAM (EF) (“the Financing Agreements”), which sets out the requirements for the Climate-Friendly Agribusiness Value Chains Sector Project (“Project”) to comply with and is prepared by the Project’s management based on the key relevant provisions in which the Project’s management believes are important to report on and is not intended to cover the complete set of the Financing Agreements taken as a whole. These criteria are described below. The Project management has assessed its compliance with the relevant requirements and included the results of its assessment below.

Article No.	Description	Response
<b>Article III: Use of Proceeds of the Loan/Grant</b>		
3.01	The Borrower shall cause the proceeds of the Loan/Grant to be applied exclusively to the financing of expenditures on the Project in accordance with the provisions of these Financing Agreements.	Being complied with.
3.02	The proceeds of the Loan shall be allocated and withdrawn in accordance with the provisions of Schedule 3 to these Financing Agreements, as such Schedule may be amended from time to time by agreement between the Borrower and ADB.	Being Complied with. The Project expenditure has been disbursed in accordance with the allocated percentage and disbursement handbook.
3.03	Except as ADB may otherwise agree, the Borrower shall procure, or cause to be procured, the items of expenditure to be financed out of the proceeds of the Loan/Grant in accordance with the provisions of Schedule 4 to the Financing Agreements.	Being complied with.
<b>Article IV: Particular Covenants</b>		
4.02	(a) The Borrower/Recipient shall: (i) Maintain separate accounts and records for the Project; (ii) Prepare annual financial statements for the Project in accordance with accounting principles acceptable to ADB	(a) : (i) Being complied with. (ii) The Project prepared financial statements in accordance with Cash Basis of Accounting of Cambodian Public Sector Accounting Standards (“CPSAS”).

## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF)  
and Grant No. 0579 – CAM (EF)

### Statement of Compliance with the Financing Agreements for the year ended 31 December 2023

Section No.	Description	Response
<b>Article IV: Particular Covenants (continued)</b>		
4.02	<p>(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;</p> <p>(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</p> <p>(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 these documents and the audit thereof as ADB shall from time to time reasonably request.</p> <p>(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.</p> <p>(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) hereinabove, and shall authorize and require any representative of such auditors to participate in any such discussion 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.</p>	<p>(ii) Financial statements are audited by KPMG Cambodia Co., Ltd.</p> <p>(iv) Refer to Report of Independent Auditor and the Independent Reasonable Assurance Report. Also see the notification letter concerning the management letter.</p> <p>(v) Being complied with. The audited financial statements for the year ended 31 December 2022 were issued by auditor on 9 June 2023 and submitted to ADB on 23 June 2023.</p> <p>(b) Being complied with. The 2023 audited financial statements were posted on ADB's website on 3 October 2023.</p>

**Ministry of Agriculture, Forestry and Fisheries**

**Climate-Friendly Agribusiness Value Chains Sector Project**

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

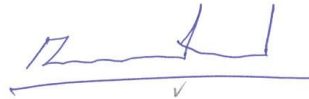
**Statement of Compliance with the Financing Agreements (continued)  
for the year ended 31 December 2023**

**Criteria (continued)**

Section No.	Description	Management's assertion
<b>Article IV: Particular Covenants (continued)</b>		
4.03	The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being complied with.



Dr. Sam Chhom Sangha  
Project Director  
Ministry of Agriculture, Forestry and Fisheries



For, Mr. Chhuon Mao  
Financial Management Specialist  
Ministry of Agriculture, Forestry and Fisheries

Phnom Penh, Kingdom of Cambodia

Date: 24 June 2024

## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### Appendix A: Schedules 3 and 4 of the Financing Agreements

Schedule No.	Description
<b>Schedule 3: Allocation and withdrawal of the Loan/Grant proceeds</b>	
2	Except as ADB may otherwise agree, the proceeds of the Loan shall be allocated to items of expenditure, and disbursed on the basis of the withdrawal percentage for each item of expenditure set forth in the Table.
3	The amount allocated to category "interest charge" is for financing the interest charge on the loan during the implementation period of the Project. ADB shall be entitled to withdraw from the loan account and pay to itself, on behalf of the Borrower, the amounts required to meet payments, when due, of such interest charge.
5	The loan proceeds shall be disbursed in accordance with the Loan/Grant Disbursement Handbook.
<b>Schedule 4: Procurement of Goods, Works and Consulting Services</b>	
1	The procurement of Goods, Works, and Consulting Services shall be subject to and governed by the Procurement Guidelines, and the Consulting Guidelines respectively.
5	Goods and Works shall only be procured on the basis of the methods of procurement set forth below: (a) International Competitive Bidding; (b) National Competitive Bidding; and (c) Shopping.
7	The Borrower shall not award any Works contracts for a Subproject which involves environmental impacts until the Project Executing Agency has: (a) obtained the final approval of the IEE from the Borrower's Ministry of Environment; and (b) incorporated the relevant provisions from the EMP into the Works contract.



## Ministry of Agriculture, Forestry and Fisheries

### Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan No. 3661 – CAM (COL), ADB GCF Loan No. 8346 – CAM (EF) and Grant No. 0579 – CAM (EF)

#### Appendix A: Schedules 3 and 4 of the Financing Agreements (continued)

Schedule No.	Description
<b>Schedule 4: Procurement of Goods, Works and Consulting Services (continued)</b>	
8	The Borrower shall not award any Works contract involving involuntary resettlement impacts for a Subproject until the Borrower has prepared and submitted to ADB the final RP for such Subproject based on the Subproject's detailed design and obtained ADB's clearance of such RP.
13 (a)	The Borrower shall ensure that all Goods and Works procured (including without limitation all computer hardware, software and systems, whether separately procured or incorporated within other goods and services procured) do not violate or infringe any industrial property or intellectual property right or claim of any third party.
13 (b)	The Borrower shall ensure that all contracts for the procurement of Goods and Works contain appropriate representations, warranties and, if appropriate, indemnities from the contractor or supplier with respect to the matters referred to in subparagraph (a) of this paragraph.
14	The Borrower shall ensure that all ADB-financed contracts with consultants contain appropriate representations, warranties and, if appropriate, indemnities from the consultants to ensure that the Consulting Services provided do not violate or infringe any industrial property or intellectual property right or claim of any third party.

## Appendix 9: Status of Agreed Action Plan of MOU of ADB Mid-term Review Mission

### AGREED ACTION PLAN IN MEMORANDUM OF UNDERSTANDING Midterm Review Mission (25 September to 6 October 2023)

Below are the agreed actions to expedite project implementation.

NO	Actions	Due by	Responsible	Progress of implementation	Remarks
1	2024 work plan and budget approved	15 Feb 2024	PSC	On track Consolidated inputs from three ministries, departments and implementing agencies (MAFF, MRD, MoWRAM).	Project Director was reviewed the AWPB 2024. Project need to check the procurement code and linked formula.
2	Mobilization of independent third party or Donation Verification External Monitor	30 Nov 2023	MoWRAM / MEF	Submitted with late. The request for mobilization of independent third party or Donation Verification External Monitor was sent to ADB.	Immediately mobilized Mr. Y Chan San by ADB and it has already officially submitted (1) on 06 Dec 2023.
3	Preparation of O&M for each AC, irrigation and road subprojects within 6 months from completion of the subproject	To be submitted together with the quarterly progress report	3 PMUs and CS1	The AC was not completed 100%, so the O&M for each AC was organized the maintenance committees.	1-66 AC, maintenance committee have been identified and formation. 2-22 Road maintenance committee have been identified and formation. 3-17 FWUC have been formed and recognized by MOWRAM.
4	Updated consolidated list of subprojects from MAFF, MOWRAM, MRD	31 Oct 2023	3 PMUs and CS1	On track The consolidated list is already prepared and sent to MAFF-PMU. PMU will forward this to ADB.	Submitted to PMU 31 Oct 23
5	Revised capacity building plan	31 Oct 2023	MAFF PMU / GDA / CS2	On track Sent the revised training and capacity building plan to ADB on 31 October 23.	This revised plan was integrated in AWPB 2024 with all relevant stakeholders.
6	Agribusiness policies for rice, maize, cassava and mango reviewed and entry points for mainstreaming climate change adaptation and mitigation as well as gender, identified	31 Dec 2024	CS2	On track (need checking)  CS2 and IA-GDA discussed the preparation of the road map on agribusiness policies based on MAFF minister is not allowing the consultant team to prepare the policy. In this case, CS2 will work with	This activity is already integrated in the Annual Work plan and Budget 2024.

NO	Actions	Due by	Responsible	Progress of implementation	Remarks
				GDA to develop the technical manual on Climate Smart of agriculture for Rice, Maize, Cassava.	
7	CamGAP for tropical fruit and commercialization of SRP standards	30 Nov 2024	CS2	On track (need checking) Under preparation the draft version of CamGAP for tropical fruit. CS2 will coordinate with GDA team to prepare it accordingly.	This activity is already integrated in the Annual Work-plan and Budget 2024.
8	ICT platform for Kampong Cham with focus on market, weather, credit information system, CSA and climate risk management established and operationalized	31 Dec 2024	EA / CS4 / PDAFF Kampong Cham	On track Summited architecture designed and sent to PMU on 27 Nov 2023 and PMU submitted ADB 01 Dec 2023.	Waiting NOL from ADB.
9	Updated procurement plan to be submitted to ADB	31 Oct 2023	MAFF / PMUs / CS1	Late. The procurement plan was prepared with agreed with PSC and submitted to MEF in November 2023. The project will wait for review from MEF.	Submitted to MEF (being reviewed).
10	Contract variation for CS5 to be submitted to ADB	20 Oct 2023	MAFF/ PMUs / CS5	Late: Submitted to ADB 20 Nov 2023.	
11	Contract variations for CS1 and CS2 to be submitted to ADB	31 Dec 2023	MAFF / PMUs / CS1 and CS2	Not yet Due Contract variations for CS2 were prepared and submitted to MAFF-PMU for review and approved from the Project Director.	MAFF-PMU will organize the PRC meeting on Tuesday next week.
12	Submission of LAR-SMR Jan-June 2023	Nov 2023	PMU/GDR	Late	Being prepared by SSS
13	Submission of LAR-SMR Jan-Dec 2023	Jan 2024	DIMDM/GDR	Late	
14	<ul style="list-style-type: none"> <li>• SSMR Jul - Dec 2022</li> <li>• SSMR Jan - Jun 2023</li> <li>• SSMR Jul - Dec 2023</li> </ul>	<p>31 Oct 2023</p> <p>30 Nov 2023</p> <p>31 Jan 2024</p>	MAFF / CS1	<p>Late: Submitted to ADB on 08 Dec 2023</p> <p>The two SSMR have not yet prepared.</p>	<p>ADB disclosed website 19 Dec 2023.</p> <p>Recommended to combine these two SSMRs into one covering Jan-Dec 2023. PMU will request.</p>
15	Mobilization of the national social safeguards' specialist under CS1	31 Oct 2023	MAFF/CS1	Done. Mobilized on SSS on 04 Dec 2023 and TL on 18 Dec 2023.	Done Mobilization on 4 Dec 2023
16	Submission of SEMR#5 and SEMR#6 to ADB including endorsement	10 Oct 2023	MAFF / CS1	Submitted to ADB 20 Oct 2023.	

NO	Actions	Due by	Responsible	Progress of implementation	Remarks
	letter to disclose the reports in ADB's website. SEMR #7 for July-Dec 2023	31 Jan 2024		Not yet due.	
17	Approval for reallocation of loan and grant proceeds and minor change in DMF	31 Dec 2023	PMU/ MEF / ADB	MAFF-PMU was coordinated and sent to ADB but not yet replied.	EA needs to write an official letter to MEF. The MEF will send the official letter to ADB for minor change in the DMF.
18	2023 3rd Quarter Progress Report	31 Oct 2023	MAFF / PMUs / CS1, CS2, CS4, and CS5	About to be completed CS1 is already sent to PMU for report consolidation and MAFF-PMU was submitted to ADB.	CS2 team works closely with CS1 to prepare the Quarter Progress Report.
19	2023 Annual Progress Report	31 Jan 2024	MAFF / PMUs / CS1, CS2, CS4, and CS5	Not yet due CS1 will consolidate and submit to PMU for endorsement before sending to ADB.	
20	Next review mission	August 2024	ADB and PMU		

## Appendix 10: Updated consolidated list of subprojects from MAFF, MOWRAM and MRD

### Updated List of Subprojects = MAFF

Status of Subprojects (Batch I - 2020)

No	Province	AC Name	PCSS No. Assigned	AC Number	Scope of Works	Location Village, Commune, District
1	Kampot	Ratanak Polroth Samaki	0025	Lot1: CW3a/CFAVC/MAFF/2021/04	Construction of AC storage/warehouse (100T)	Trapeang Tameas, Damnak Sokrom, Dang Tong
2		Prey kraing Meanrith	0025	Lot1: CW3a/CFAVC/MAFF/2021/04	Construction of AC storage/warehouse (100T)	Prey Kraing Khang Cheung, Meanrith, Dang Tong district
3		Kasekor Samaki Rung Roeung	0025	Lot1: CW3a/CFAVC/MAFF/2021/04	Construction of AC storage/warehouse (100T)	Kam Nab village, Srae Chaeng commune, Chum Kiri district
4		Samaky Amatak	0025	Lot1: CW3a/CFAVC/MAFF/2021/04	Construction of AC storage/warehouse (50T)	Snay Anchit, village, Snay Anchet commune, Chum Kiri district
5		Sen Han Chamroeun phal	0025	Lot1: CW3a/CFAVC/MAFF/2021/04	Construction of AC storage/warehouse (100T)	Trapeang Run, Samrong Leur commune, Banteay Meas district
6	Takeo	Trapaing Kranhoung	0026	Lot2: CW3a/CFAVC/MAFF/2021/05	Construction of AC storage/warehouse (100T)	Trapeang Kranhoung village, Trapaing Kranhoung commune, Tramkak district
7		Samaky Trapaing Kralanh	0026	Lot2: CW3a/CFAVC/MAFF/2021/05	Construction of AC storage/warehouse (100T)	Ang Trao village, Ou Saray commune, Tramkak district
8		Kampeng Sok Sen Sambour Agriculture Cooperative	0026	Lot2: CW3a/CFAVC/MAFF/2021/05	Construction of AC storage/warehouse (50T)	Chi Mreak village, Kampeng commune, Kirivong district
9		Sdok Sdom	0026	Lot2: CW3a/CFAVC/MAFF/2021/05	Construction of AC storage/warehouse (100T)	Rum Check-Thnoat village, Taing Yab commune, Prey Kabas district
10		Stueng Slakuor Agriculture Cooperative	0026	Lot2: CW3a/CFAVC/MAFF/2021/05	Construction of AC storage/warehouse (50T)	Dak Por village, Beung Kranh Khang Tboung commune, Samrong district
11	Tbong Khmum	Samaki Kak		Lot3: CW3a/CFAVC/MAFF/2021/06	Construction of AC storage/warehouse (100T)	Phum Ang Keng, Samreuy and Trapeang Santhey and Koki village, Kak commune, Ponhea Kraek district
12		Ponhea Kraek Rongroeung	0028	Lot3: CW3a/CFAVC/MAFF/2021/06	Construction of AC storage/warehouse (50T)	Lar village, Kaong Kang commune, Ponhea Kraek district
13		Samaki Dambae Agricultural Cooperative	0028	Lot3: CW3a/CFAVC/MAFF/2021/06	Construction of AC storage/warehouse (200T)	Sre Kschach village, Dambae commune, Dambae district
14		DamBae Rungroeung	0028	Lot3: CW3a/CFAVC/MAFF/2021/06	Construction of AC	Khcheay village, Dambae commune, Dam Bae district

					storage/warehouse (100T)	
15		Kdey Songkhuem Kaksekor	0028	Lot3: CW3a/CFAVC/MAFF/2021/06	Construction of AC storage/warehouse (200T)	Bei Maet village, Toul Snoul commune, Krouhmar district
16	Kampong Cham	Steung Trang Senchey	0027	Lot4: CW3a/CFAVC/MAFF/2021/07	Construction of AC storage/warehouse (200T)	Sopheas commune, Steung Trang district
17		Sambo Meanchey	0027	Lot4: CW3a/CFAVC/MAFF/2021/07	Construction of AC storage/warehouse (100T)	Sambo, Poprok, Srap and Sopheas village, Sopheas commune, Steung Trang district
18		Akpiwat Srok Yoeung	0027	Lot4: CW3a/CFAVC/MAFF/2021/07	Construction of AC storage/warehouse (100T)	Trapeang Thnoat village, Sour Sen commune, Prey Chhor district
19		Akphivath Multhan Yeung	0027	Lot4: CW3a/CFAVC/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, Batheay district
20		Punlork Thmey	0027	Lot4: CW3a/CFAVC/MAFF/2021/07	Construction of AC storage/warehouse (50T)	Phum Pou Sala Ti Mouy, Sach Sour, Damnak Chrey, Damnak Snay and Peam Chi korg villages, Peam Chi Korg and Prek Krabao commune, Kang Meas district

#### Status of Subprojects (Batch II - 2021)

No	Province	AC Name	PCSS No. Assigned	AC Number	Scope of Works	Location Village, Commune, District
21	Kampot	Chamreun Chey Preyao	0044	Lot 1: CW-b1/CFAVC/MAFF/2022-01	Construction of AC storage/warehouse (50T)	Prey Yao village, Sre Knung commune, Chum kiri
22		Raksmei Samaky Amatak	0044	Lot 1: CW-b1/CFAVC/MAFF/2022-01	Construction of AC storage/warehouse (50T)	Chres village, Chres commune, Chumkiri district
23		Banteay Meas Sopheak Mongkol Agricultural Cooperative	0044	Lot 1: CW-b1/CFAVC/MAFF/2022-01	Construction of AC storage/warehouse (100T)	Prey Kralanh Lech village, Tuok Meas Khang Lech commune, Banteay Meas district
24		Svay Phaaem Chamroeun Phal	0044	Lot 1: CW-b1/CFAVC/MAFF/2022-01	Construction of AC storage/warehouse (50T)	Wat Angk Khang Cheung commune, Banteay Meas District
25		Ponleur Kaksekor Srok Chhuk Agricultural Cooperative	0044	Lot 1: CW-b1/CFAVC/MAFF/2022-01	Construction of AC storage/warehouse (100T)	Pong Sat village, Sat Pong commune, Chhouk district
26		Kporprun Kamnitthmey Agricultural Cooperative	0044	Lot 1: CW-b1/CFAVC/MAFF/2022-01	Construction of AC storage/warehouse (100T)	Kporprun Run village, Srae Chaeng commune, Chum Kiri district
27		Rorbroum Samaky Rong Roeung Agricultural Cooperative	0044	Lot 1: CW-b1/CFAVC/MAFF/2022-01	Construction of AC storage/warehouse (100T)	Thmei village, Thmei commune, Teuk Chhou district
28		Tuek Kraham Akphiwat Rik Chamroeun	0044	Lot 1: CW-b1/CFAVC/MAFF/2022-01	Construction of AC storage/warehouse (100T)	Teuk Kraham village, Kandoal commune, Tuek Chhou district

29	Takeo	Trapeang Srange	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (50T)	Trapeang Srange, O'Phot and Ang Thnoat Khang Lech village, Angtasom commune, Tramkak district, Takeo
30		Samaki Trapeang Chak	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Trapeangchak village, Tramkak commune, Tramkak district
31		Baksey Rikreay	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/warehouse (100T)	Ang Baksey village, Cheang Tong commune, Tramkak district
32		Cheung Kuon Choukchey	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/warehouse (100T)	Cheung Koun village, Cheung Koun commune, Samroang district
33		Svayrun Amatak Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (50T)	Svay Run village, Chumreaspenn commune, Samroang district
34		Punleu Kasikar	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Romoan village, Boeung Tranh Khang Cheung commune, Samroang district
35		Phumbey Samaky Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/warehouse (100T)	Krapum Chhuok village, Krapum Chhuok commune, Koah Andaet district
36		Ponleu Beng Krapom Chhouk Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Beng village, Krapum Chhouk commune, Koah Andaet district
37		Champa Prey Phdao Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (50T)	Samraong village, Champa commune, Prey Kabas district
38		Phumbey Meanchey Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (50T)	Chroy Sleng village, Kirichong Koah commune, Kirivong district
39		Morodak Rongreung Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Lvea Thmey village, Prambei Mum commune, Treang district
40		Lumpong Kasikam Samaky	0045	Lot 2: CW3-b2/CFAVC/MAA/2022-02	Construction of AC storage/ware house (100T)	Pean Meas Khang Keut village, Lumpong commune, Bati district
41		Sensok Tekthla Agricultural Cooperative	0045	Lot 2: CW3-b2/CFAVC/MAA/2022-02	Construction of AC storage/ware house (50T)	Teuk Thla village, Trapeang Krasang commune, Bati district
42		Tbong Khmum	Dar-Memot Pepper	0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (200T)
43	Popel Meanchey		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Toul Chan villages, Popel commune, Ponhea Kraek district
44	Akphirik Ponhea Kraek Dambae		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (200T)	Popel village, Popel commune, Ponhea Kraek district
45	Chey Nikum Meanchey		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Chey Nikum village, Kandoal Chrum commune, Ponhea Kraek district
46	Romdoul Dontey Agricultural Cooperative		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (50T)	Angkor Leu village, Dountei commune, Ponhea Kraek district
47	Lngieng Meanchey		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (200T)	Smounh village, Lngeang communes, Tbong Khmum district
48	Baitong Kok Srok		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Kok Srok village, Koksrok commune, Dambae district
49	Samaki Meanchey		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Chamkar Kor village, Chak commune, Ou Reang Ov district
50	Romchek Meanchey		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (200T)	Kampey village, Rumchek commune, Memot district
51	Seda Meanchey		0047	Lot 2: CW-3b2/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (200T)	Sedasenchev village, Dambae commune, Dambae district

52	Kampong Cham	Akphivat Kaksekor-Agricultural Cooperative	0046	Lot 1: CW-3b2/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Sa Ang village, Trapeang Kor commune Cheung Prey district
53		Chealea Akphivat Agricultural Cooperative	0046	Lot 1: CW-3b2/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Chea Lea village, Chea Lea commune, Batheay district
54		Sammky Mohaknhoung	0046	Lot 1: CW-3b2/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (50T)	Chong Khnhoung village, Moha Khnhoung commune, Kaoh Sotin district
55		Samaki Baray Andong AAng	0046	Lot 1: CW-3b2/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Prey Rumdeng villages, Baray communes, Prey Chhor district

### Status of Subprojects (Batch III - 2022)

No	Province	AC Name	PCSS No. Assigned	AC Number	Scope of Works	Location Village, Commune, District
56	Kampot	Po Chum Meachey AC		Lot 1: CW-3b3/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Pochum village, Dambok Khpos commune, Ankorcheay district
57		Kampong Trach Chamroeun Kasekor AC		Lot 1: CW-3b3/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Koh Kloutch village, Kampong Trach Khang Keut commune, Kampong Trach district
58		Ponhea Angkor Chamroeun Chey AC		Lot 1: CW-3b3/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Ponhea Ang village, Wat Ang Khang Cheung commune, Banteay Meas district
59		Samaky Baitang AC		Lot 1: CW-3b3/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Taphul village, Snay Anchet commune, Chum kiri district
60	Takeo	Khprob Svay Samaky AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Khprob Svay village, Trapeang Kranhoung commune, Tramkak district
61		Samaky Meanchey Phlov Lork AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Phlov Lok village, Ta Ou commune, Kirivong district
62		Udom Soriya AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (50T)	Taso village, Udom Sorya commune, Tramkok district
63		Toul Preah Vihear AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Pon tong village, Ban Kam commune, Prey Kabas district
64		Sambuor Chamroeunphal AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (50T)	Pou village, Sambour commune, Traing district
65		Phum Boeng Amatak AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Beung village, Chumreaspenn commune, Samroang district
66		Kiri Udom Ta Ou AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Som village, Ta Ou commune, Kirivong district
67		Ponleu Saireireang AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Chung Ankor village, Pich Sa commune, Koah Andaet district
68		Sokpheap Yeung AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Mrum village, Ta Phem commune, Tramkak district
69		Damrey Rameal AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Trapeang village, Trapeang Thom Khang Tboung commune, Tram Kak district
70		Samphlee Angkor Raingsey AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Kor village, Preykhla commune, Koh Andaet district
71		Phnom Den Sen Sok AC		Lot 2: CW-3b3/CFAVC/MAFF/2022-02	Construction of AC storage/ware house (100T)	Toteung village, Phnom Den commune, Kirivong district
72	Tbong Khmum	Kasekor Dambae AC		Lot 4: CW-3b3/CFAVC/MAFF/2022-04	Construction of AC storage/ware house (100T)	Sramar village, Teukchrov commune, Dambae district



73		Svay Chanty Ramchek AC		Lot 4: CW-3b3/CFAVC/MAFF/2022-04	Construction of AC storage/ware house (200T)	Chheu Khlem village, Rumchek commune, Memot district
74		Chiro Rungroeng AC		Lot 4: CW-3b3/CFAVC/MAFF/2022-04	Construction of AC storage/ware house (100T)	Kampong Russey village, Chiro commune, Tboung Khmum district
75		Or Reang Ov Meanchey AC		Lot 4: CW-3b3/CFAVC/MAFF/2022-04	Construction of AC storage/ware house (100T)	Tumneap village, Kong Chey commune, O Reang Ov district
76		Samaky Khum Mean AC		Lot 4: CW-3b3/CFAVC/MAFF/2022-04	Construction of AC storage/ware house (100T)	Prey Sambo Khanglech village, Mean commune, O reang Ov district
77	<b>Kampong Cham</b>	Troutrong Kasekor AC		Lot 3: CW-3b3/CFAVC/MAFF/2022-03	Construction of AC storage/ware house (200T)	Khtuy Bey village, O'Mlou commune, Steung Trang district
78		Kvet Thom Rik Chamroeng AC		Lot 3: CW-3b3/CFAVC/MAFF/2022-03	Construction of AC storage/ware house (100T)	Khvet Thom village, Khvet Thom commune, Prey Chhor district
79		Han Chey AC		Lot 3: CW-3b3/CFAVC/MAFF/2022-03	Construction of AC storage/ware house (100T)	Hanchey village, Hanchey commune, Kampong Siem district
80		Reamear Cheung Prey AC		Lot 3: CW-3b3/CFAVC/MAFF/2022-03	Construction of AC storage/ware house (100T)	Chheur Teal village, Pdao Chum commune, Cheung Prey district

## Updated List of Subprojects = MOWRAM

N o.	Package Number	Subproject Name	Comm and area, ha	No of Subp r/ pack age	Commune	District	Provi nce
<b>Batch Number I</b>							
1	KP-TR-CW2	Trapeang Run Reservoir Scheme	100	1	Tani	Ankor Chey	Kamp ot
2	CFAVC-MOWRAM-TBM-CW13.1	Kbal Teuk Reservoir Scheme	250	3	Phreah Theat	O Rang Ov	Tbou ng Khmu m
3		Tuol Pring Reservoir Scheme	100		Mong Riev	Tboung Khmum	
4		Trapeang Tros Reservoir Scheme	350		Tmar Pech		
5	CFAVC MOWRAM-KPC-CW14.1	Pram Kompheak Reservoir Scheme	950	2	Lvea Leu/Svay Teab	Chamk ar Leu	Kamp ong Cham
6		O'kamprok Feeding Canal	350		Preah Angdoun	Steung Trang	
7	CFAVC MOWRAM-TKO-CW15.1	Prey Kdoch Reservoir Scheme	550	2	Trapeang Kranhoung	Tram Kak	Take o
8		Kraing Empil Reservoir Scheme	200				
9	CFAVC MOWRAM-KPT-CW12-1	Takoch Reservoir Scheme	400	1	Srae Knong	Chum Kiri	Kamp ot
<b>Batch Number II</b>							
10	CFAVC-MOWRAM-KPT-CW12.2B	Kandoal Feeding Canal	750	3	Kandoal/Thm ei	Teuk Chhou	Kamp ot
11		Bravoek Pong Reservoir Scheme	70		Trapeang Pring/Koun Sath	Teuk Chhou	
12	CFAVC-MOWRAM-KPT-CW12.2A	Trapeang Boeung Reservoir Scheme	800		Tramaeng/Krang Sbov/Sat Pong	Chhuk	
13	CFAVC-MOWRAM-TBM-CW13.2	Tboung Damrei Reservoir Scheme	600	2	Chhuk	Krouch Chmar	Tbou ng Khmu m
14		Kampong Raing Feeding Canal	350		Seda	Damba e	
15	CFAVC-MOWRAM-KPC-CW14.2	Teuk Char West Reservoir Scheme	980	2	Beung Nay/Sampong Chey/Trapeang Kor	Prey Chhor	Kamp ong Cham
16		Po Tatress Reservoir Scheme	950		Trab/Tang Krasang	Batheay	
17	CFAVC-MOWRAM-TKO-CW15.2	Chrouk1 + Phlov Touk Feeding Canal	975	3	Phnom Den/Kiri Chong Kaoh /Kamnab	Kirivong	Take o
18		Prey Romdeng Feeding Canal	650		Prey Romdeng/Ta Ou/Thnoat Chong Srang	Kirivong	
19		Kwaeng Tayee Feeding Canal	970		Prey Yuthka	Koh Andet	
<b>Batch Number III</b>							
20	CFAVC-MOWRAM-TBM-CW13.3	Trapeang Ampil Reservoir Scheme	200	2	Chi Kor	Tboung Khmum	Tbou ng

2 1		Choam Taheung Reservoir Scheme	987		Teuk Chrov/Chong Cheach	Dambae	Khmu m
2 2	CFAVC MOWRAM-KPC-CW14.3	Teuk Char East Reservoir Scheme	980	1	Beung Nay/Krouch/Kor/Prey Chhor/Sour Saen	Prey Chhor	Kamp ong Cham
2 3	CFAVC-MOWRAM-TKO-CW15.3	Pralay 95 Feeding Canal	850	2	Krapom Chhuk	Koh Andet	Take o
2 4		Pralay 42 Feeding & pumping Station	650		Rominh/Prey Khla	Koh Andet	
2 5	CFAVC-MOWRAM-TKO-CW15.4	Ta Oum Reservoir Scheme	160	3	Kus	Tram Kak	Take o
2 6		Sdok Sab Reservoir Scheme	300		Samraong	Tram Kak	
2 7		Pou Tasuy Reservoir Scheme	635		Kampeng	Kirivong	

No	Ponds	No of Ponds	Location
1	Kampot 80 RWHPs in Batch I	80	Kampot
2	Tbong Khmum 63 RWHPs in Batch I	63	Tbong Khmum
3	Kampong Cham 66 RWHPs in Batch I	66	Kampong Cham
4	Takeo 69 RWHPs in Batch I	69	Takeo
	<b>Total ponds</b>	<b>278</b>	

## Updated List of Subprojects = MRD

No	Description	No of Subproject	Location
<b>Batch 1</b>			
1	Lot 1, Improve 1 Road, 10.00 Km, (Takeo)	1	Takeo province
2	Lot 2, Improve 1 Road, 4.67.00 Km, (Takeo)	1	Takeo province
3	Lot 1, Improve 1 Road, 9.774km (Tboung Khmum)	1	Tboung Khmum
4	Lot 2, Improve 1 Road, 12.00km (Tboung Khmum)	1	Tboung Khmum
5	Lot 1, Improve 1 Road, 9.882km (Kampong Cham)	1	Kampong Cham
6	Lot 2, Improve 1 Road, 4.721km (Kampong Cham)	1	Kampong Cham
7	Lot 1, Improve 1 Road, 11,948.05m (Kampot)	1	Kampot
8	Lot 2, Improve 1 Road, 8,104.00m (Kampot)	1	Kampot
	Total roads	8	
<b>Batch 2</b>			
1	Lot 1, Improvement of 13.976 km (Takoe)	1	Takoe
2	Lot 2, Improvement of 12.761 km (Takoe)	1	Takoe
3	Lot 1, Improvement of 12.963 km (Kampot)	1	Kampot
4	Lot 2, Improvement of 9.098 km (Kampot)	1	Kampot
5	Lot 1, Improvement of 9.425 km (Kampong Cham)	1	Kampong Cham
6	Lot 2, Improvement of 12.460 km (Kampong Cham)	1	Kampong Cham
7	Lot 1, Improvement of 16,370 (Tboung Khmum)	1	Tboung Khmum
8	Lot 2, Improvement of 12.891 km (Tboung Khmum)	1	Tboung Khmum
	Total roads	8	
<b>Batch 3</b>			
1	Improvement of 21.806 km (Tboung Khmum)	1	Tboung Khmum
2	Improvement of 7.78 km (Kampong Cham)	1	Tboung Khmum
3	Improvement of 20.08 km (Takeo)	1	Takeo
4	Improvement of 12.39 km (Kampot)	1	Kampot
5	Improvement of 18.43 km (Takeo)	1	Takeo
	Total roads	5	
<b>Total Road Subprojects</b>		<b>21</b>	

## Appendix 11: Environment Monitoring for Subprojects under MAFF, MOWRAM and MRD

### Subprojects of MAFF

Batch	Package Number	Province	District	Commune	Subproject Name	Number of Subprojects/Package	Storage Capacity (Tone)	Category for Environment	Date of First IEE Submitted to ADB	Date ADB NOL for IEE	Contractor Name	Contract Signed Date	Civil Works Started Date	Construction Completed (estimated as %)
2022 (Batch 3)	CW-3b3/CFAVC/MAFF/2022-01 Lot 1 Batch 3	Kampot	Angkor Chey	Dambork Khpos	Pauchhum Meanchey AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Kampong Trach	Kampong Trach Khang Kaut	Kampong Trach Chamroeun Kasekor AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Banteay Meas	Wat Ang Khang Cheung	Ponhea Angkor Chamroeun Chey AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Chum Kiri	Snay Angchet	Samaky Baitang AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
	CW-3b3/CFAVC/MAFF/2022-02 Lot 2 Batch 3	Takeo	Tram Kak	Trapeang Kranhoung	Khpor Svay Samaky AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Tram Kak	Trapeang Kranhoung	Samaky Meanchey Phlov Lork AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Tram Kak	Udom Soriya	Udom Soriya AC	1	50	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Prey Kabbas	Ban Kam	Toul Preah Vihear AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Traing	Sambuor	Sambuor Chamroeunphal AC	1	50	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Samraong	Chhum Reh Pein	Phum Boeng Amatak AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Kiri Vong	Ta Ou	Kiri Udom Ta Ou AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Koh Andet	Peach Sa	Ponleu Sareireng AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%

			Tram Kak	Ta Phen	Sokpheap Yeung AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Tram Kak	Trapeang Thom Khang Tbong	Damrey Ramiel AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Koh Andet	Prey Khla	Samphly Angkor Raingsey AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
			Kirivong	Phnom Daen	Phnom Den Sen Sok AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
	CW-3b3/CFAVC/MAFF/2022-03 Lot 3 Batch 3	Kampong Cham	Steung Trang	O' Mlou	Tratrong Kasekor AC	1	200	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
Prey Chhor			Khvaet Thom	Khwaet Thom Rik Chamreun AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%	
Kampong Siem			Han Chey	Han Chey AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%	
Cheung Prey			Phdao Chhum	Reamear Cheung Prey AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%	
	CW-3b3/CFAVC/MAFF/2022-04 Lot 4 Batch 3	Tboung Khmum	Dambae	Toek Chrov	Kasekor Dambae AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%
Memot			Rumchek	Svay Chanty Rumchek AC	1	200	C	NA	8-Jul-21	KBH	3-May-23	NA	100%	
Tboung Khmum			Chi Ro	Chiro Rungroeng AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%	
Or Reang Ov			Kang Chey	Oraing Ov Meanchey AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%	
Or Reang Ov			Mean	Samaky Khum Mean AC	1	100	C	NA	8-Jul-21	KBH	3-May-23	NA	100%	
	<b>Total</b>	<b>4</b>	<b>14</b>	<b>24</b>	<b>25</b>	<b>25</b>								

## Subprojects of MOWRAM

Year	Package Number	Province	Commune	District	Subproject Name	No. of Subprojects/	Command area, ha	Environmental Category	Status of IEE Preparation ( %)	Date of IEE Submitted to ADB	Date ADB NOL for IEE	Contractor Name	Contract Date	Status of Environmental	Civil Work Started Date	Construction Completed (%)
<b>1. Planned for Project Feasibility study and Detailed Engineering Design (DED) in 2020 (Batch 1)</b>																
2021	CFAVC-KP-TP-CW2	Kampot	Tani	Angkor Chey	Trapeang Run	2	100	B	100%	10-Jun-20	21-Jul-20	KBH	10-Nov-20			100%
	MOWRAM-CFAVC- KPT-CW12.1		Srae Khnung	Chuom Kiri	Takouch (Prey Takoch)		400	B	100%	Resubmitted 25 May 22			14-Dec-22	OK		100%
	CFAVC-RWHP-KAM-CW01-A.1				Rainwater harvesting community pond	80			100%	Jan-21	8-Jul-21		27-Jul-23			
	MOWRAM-CFAVC- TBM-CW13.1	Tboung Khmum	Preah Theat	O' Reang Ov	Kbal Teuk reservoir	3	250	B	100%	4-Nov-20	11-Feb-21	Soeun Soknan	2-Aug-21		9-May-22	100%
			Chikor	Tboung Khmum	Tuol Pring Reservoir		100	B	100%	4-Nov-20	11-Feb-21				100%	
			Thmar Pech	Tboung Khmum	Trapeang Tros Reservoir		350	B	100%	4-Nov-20	11-Feb-21				100%	
	CFAVC-RWHP-TBM-CW01-B.1				Rainwater harvesting community pond	63				Jan-21	8-Jul-21					
	MOWRAM-CFAVC- KPC-CW14.1	Kampong Cham	Lvea Leu & Svay Teap	Chamkar Leu	Pram Kumpheak Reservoir	2	950	B	100%	15-Dec-21	4 Jan.22	Ung Ssimisia	30-Dec-22			100%
			Preach Andong	Stueng Trang	O Kamprok Feeding Canal		350	B	100%	15-Dec-21	4 Jan.22		30-Dec-22			100%

	CFAVC-RWHP-KPC-CW01-C.1				Rainwater harvesting community ponds	66				Jan-21	8-Jul-21							
	MOWRAM-CFAVC-TEO-CW15.1	Takeo	Trapeang Kranhoung	Tram Kak	Prey Kdouch Reservoir	2	550	B	100%	16-Mar-21	25-Jun-21	KBH	3-Jan-22	OK		100%		
			Trapeang Kranhoung	Tram Kak	Kraing Empil Reservoir		200	B	100%	16-Mar-21	25-Jun-21			OK	100%			
	CFAVC-RWHP-TEO-CW01-D.1				Rainwater harvesting community pond	69			100%	Jan-21	8-Jul-21							
<b>Sub-Total of the rehabilitation irrigation schemes and the command areas</b>						<b>9</b>	<b>3,250</b>											
<b>Sub-Total of Rainwater Harvesting Community Ponds</b>						<b>278</b>	<b>-</b>											
<b>2. Planned for Project Feasibility Study and DED in 2021 (Batch 2)</b>																		
2022	MOWRAM-CFAVC-KPT-CW12.2A	Kampot	Sathpong/Trameng/Baniev	Chhouk	Trapeang Boeung Reservoir	3	800	B	100%	6-Apr-22	3-Aug-23							
	MOWRAM-CFAVC-KPT-CW12.2B		Kandoal & Thmei commune,	Teuk Chhou	Kandoal Feeding Canal		750	B	100%	6-Apr-22	3-Aug-23							
			Trapeang Pring & Koun Sat	Teuk Chhou	Broweak Pong Reservoir		70	B	100%	6-Apr-22	3-Aug-23							
	CFAVC-RWHP-KAM-CW01-A.2				Rainwater harvesting community pond	60			100%	Jan-21	8-Jul-21							
	MOWRAM-CFAVC-TBM-CW13.2	Tboung Khmum	Chhouk	Krouch Chmar	Tboung Damrei Reservoir	2	600	B	100%		3-Aug-23							
Seda			Dambae	Kampong Raing Feeding Canal	250		B	100%		3-Aug-23								



	CFAVC-RWHP-TBM-CW01-B.2				Rainwater harvesting community pond	60			100%	Jan-21	8-Jul-21								
	MOWRAM-CFAVC-KPC-CW14.2	Kampong Cham	Cheung Prey	Batheay	Pou Tatress	2	950	B	100%	6-Apr-22									
			Beung Nay & Sampong commune,	Prey Chhor	Teuk Char West Reservoir Scheme		980	B	100%	6-Apr-22									
	CFAVC-RWHP-KPC-CW01-C.2				Rainwater harvesting community pond	50			100%	Jan-21	8-Jul-21								
	MOWRAM-CFAVC-TEO-CW15.2	Takeo	Phnom Den	Kirivong	Chrouk1 + Phlov Touk Feeding Canal	3	975	B	100%	6-Apr-22	3-Oct-23								
			Prey Yuthkar	Koh Andet	Kwaeng Tayee Feeding Canal		970	B	100%	6-Apr-22	3-Oct-23								
			Prey Romdeng	Kirivong	Prey Romdeng Feeding Canal		650	B	100%	6-Apr-22	3-Oct-23								
	CFAVC-RWHP-TEO-CW01-D.2				Rainwater harvesting community pond	40			100%	Jan-21	8-Jul-21								
<b>Sub-Totals of the rehabilitation irrigation schemes and the command areas</b>						<b>10</b>	<b>5028</b>												
<b>Sub-Total of Rainwater Harvesting Community Ponds</b>						<b>210</b>													
<b>3. Planned for Project Feasibility Study and DED in 2022 (Batch 3)</b>																			
	CFAVC-RWHP-KAM-CW01-A.3	Kampot			Rainwater harvesting community pond	50			100%	Jan-21	8-Jul-21								
2023	MOWRAM-CFAVC-TBM-CW13.3	Tboung Khmum	Teuk Chrov	Dambae	Choam Taheung	2	987		Pending										
			Thmar Pich	Tbong Khmum	Trapaing Ampil		200		Pending										

	CFAVC-RWHP-TBM-CW01-B.3				Rainwater harvesting community pond	60			100%	Jan-21	8-Jul-21									
	MOWRAM-CFAVC-KPC-CW14.3	Kampong Cham	Krouch	Prey Chhor	Teuk Cha East	2	980		Pending											
	CFAVC-RWHP-KPC-CW01-C.3					Rainwater harvesting community pond	60			100%	Jan-21	8-Jul-21								
	MOWRAM-CFAVC-TEO-CW15.3	Takeo	Kropum Chhouk	Koh Andet	Pralay 95	4	850		80%											
			Rominh	Koh Andet	Pralay 42 (pumping Station)		650		80%											
	MOWRAM-CFAVC-TEO-CW15.4		Kampeng	Kirivong	Pou Tasuy Reservoir		635		Pending											
			Samraong	Tram Kak	Sdok Sab		300		Pending											
			Prey Romdeng	Tram Kak	Ta Oum Reservoir		160		Pending											
			CFAVC-RWHP-TEO-CW01-D.3					Rainwater harvesting community pond	60			100%	Jan-21	8-Jul-21						
<b>Sub-Totals of the rehabilitation irrigation schemes and the command areas</b>						<b>8</b>	<b>7,420</b>	All Rainwater Harvesting Ponds in Batch III are planned to be dropped due to the shortage budget, there will construct only 500 RWHPs which can be in Batch I (278 RWHPs) and Batch II (222 RWHPs). There are 6 irrigation schemes are pending for Environmental Safeguards Specialist of CS5 to be remobilized												
<b>Sub-Total of Rainwater Harvesting Community Ponds</b>						<b>230</b>														
<b>Total irrigation schemes planned to be constructed over period of 3 years is 32 irrigation schemes and total of</b>						<b>27</b>	<b>15,698</b>													
<b>Total of Rainwater Harvesting Community Ponds</b>						<b>718</b>														

**Note:**

Empty cells mean that there is no data available.

OK meas EMP was considered as satisfactory

## Subprojects of MRD

Package	contractor	length (km)	Location				CEMP		progress (%)	Date of contract
			village	commune	District	Province	yes	no		
Lot 1-CW17b-CFAVC- MRD-TK3-2020	Henan Water Construction Group Co., Ltd (HENAN)	10	Khnar Tung	Kumareachea-Lumphong	Batie	Takeo		√	99%	18-Jan-22
CW17a-CFAVC- MRD-KP-1A-Batch2		6.395	Ratanak Pulrath Samaki	KP18		Takeo		√	31%	18-Oct-23
		6.568	Preykrang Meanrit	KP19		Takeo		√		
Lot 1-CW17b-CFAVC-MRD-TK4-2020	Hout Chhoeun Construction Co., Ltd	4.67	Wat Ang Andaet - Kraing Ampil	Taing Yab	Prey Kabas	Takeo	√		100%	18-Jan-22
Lot 1-CW17c-CFAVC-MRD-TBK5-2020	Heng Sambat Co. Ltd. Import Export Transportation &Construction (HSB)	9.77	Khcheay-Chheuteal Chrum		Dambae	Tboung Khmum	√		98%	17-May-22
Lot 2-CW17c-CFAVC-MRD-TBK6-2020		12	Pong Tuek-Ta Pav		Krouch Chhmar	Tboung Khmum	√		93%	17-May-22
CW17d-CFAVC-MRD-KC7/KC8-2020, Batch 1	M.T.A. Construction Co. Ltd. (MTA)	14.603	NA	Sambour to Soupheas	Steung Trang	Kampong Cham	√		97%	9-May-22
		(Lot1=9.882km; Lot2=4.72km)								
CW17d-CFAVC-MRD-KC27/KC28-1A-Batch 2		9.425	Akpiwat Moulthanyoeung AC and Akpiwat Kaksekor AC			Kampong Cham		√	1%	16-Jun-23
Lot 1-CW17a-CFAVC-MRD-KP1/ KP2-2020_Batch1	Royal Mekong Construction and Development	11.948	Chres	Chres	Chumkiri	Kampot	√		96%	29-Jun-22
Lot 2-CW17a-CFAVC-MRD-KP1/ KP2-2020_Batch1		8.104	Kam Nab	Srae Chaeng	Chumkiri	Kampot	√		98%	29-Jun-22

Lot 1-CW17b-CFAVC-MRD-TK-1A_Batch 2	6 Stars Construction Co., Ltd	8.203	Ang Trao, Trapeang Kranh/Thnaot Chum/ Stueng	Ou Saray	Tramkak	Takeo		√	8%	3-Feb-23
		5.773	Ang Baksey/Trao Aem/Prey Chuor/Prey Mean/Prey Chheurteal	Cheang Tong/ Popel	Tramkak	Takeo		√	8%	3-Feb-23
Lot 2-CW17b-CFAVC-MRD-KP9&KP10-2A_Batch 2		3.817	Samaki Amatak			Kampong Cham		√	12%	18-Oct-23
		5.281	Sen Han Cham Reoun Phal			Kampong Cham		√		
Lot 2-CW17b-CFAVC-MRD-KC16 & KC17-2A_Batch 2		7.657	Sammakybaray Angdong Ang		Prey Chhor, Kang Meas	Kampong Cham		√	1%	16-Jun-23
		4.983	Ponluk Thmey		Prey Chhor, Kang Meas	Kampong Cham		√		
CW17b-CFAVC-MRD-TK-2A-Batch2	C.NO Construction and Investment Co., Ltd	3.97	Tra Peang Sra Nge			Takeo		√	1%	3-Feb-23
		3.385	Samaky Tra Peang Chork			Takeo		√		3-Feb-23
		5.406	Kampeng Sok Sen Sambo			Takeo		√		3-Feb-23

## Appendix 12: IEEs/EMPs Approvals Status

Report Type	PMU Submitted	Submitted to MOE	ADB provided NOL
<b>1. Rural Road Improvement Subproject Under MRD</b>			
EMP updated for Variation Order No.2 for additional works of the Contract No. Package 1-CW17b-CFAVC-MRD-TK3, improvement of 10 km of Rural Road (OBST/Concrete) in Takeo Province.	n/a	n/a	28 February 2024
IEE for 27 Rural Road Subprojects in Kampot, Takeo, Kampong Cham, and Tboung Khmum Province: CW17a-CFAVC-MRD-KP-1A-Batch 3 CW17b-CFAVC-MRD-TK-1A-Batch 3 CW17b-CFAVC-MRD-TK-2A-Batch 3 CW17c-CFAVC-MRD-TBK-1A-Batch 3 CW17d-CFAVC-MRD-KC-1A-Batch 3	3 November 2023	n/a	November 2023
Consolidated IEE rural road improvement subprojects Bath II (CW17a-CFAVC-MRD-KP-01A & 02A, CW17b-CFAVC-MRD-TK-01A & 02A, CW17c-CFAVC-MRD-TBK-01A & 02A, CW17d-CFAVC - MRD-KC-01A & 02A)	n/a	n/a	2 May 2022
Rural Road Subprojects in Kampot province_ Package 4 (CW17a-CFAVC-MRD-KP01-2020 and CW17a-CFAVC-KP02-2020)	n/a	n/a	July 2021
IEE for the rehabilitation of the rural road subprojects in Lumpong Kasikam Samaky and Sdok Sdom, Takeo Province	16 Nov 2020	n/a	November 2020
IEE for Rural Road Improvement Subprojects in Kampong Cham province_ package 3 for rural road subprojects is in six villages (Ou Beng, Soupheas, Angkaol, Srab, Paprak and Sambour village), two communes (Soupheas and Me Sar Chrey commune), Steung Trang District, Kampong Cham Province.	3 Feb 2021	n/a	11 May 2021
<b>2. Irrigation Schemes under MOWRAM</b>			
IEE/EMP for the Construction or Rehabilitation of Rain Water Harvesting Ponds (RWHPs) (CFAVC-RWHP-KAM-CW01-A.1)	n/a	n/a	8-Jul-21
IEE/EMP of Trapeang Run irrigation subproject in Tani Commune, Angkor Chey District, Kampot province (CW2)	n/a	n/a	21-Jul-20
IEE/EMP on Rehabilitation of Takoch Irrigation Subproject	n/a	n/a	April 2022

(CFAVC-MOWRAM-KPT-CW12.1)			
IEE/EMP for the Rehabilitation of Trapeang Boeung Irrigation in Kampot Province (CFAVC-MOWRAM-KPT-CW12.2A)	n/a	n/a	3-Oct-23
IEE/EMP for Bravoek Pong in Pong Sat Commune and Kandoal Feeding Canal in Kandoal commune, these are situated in Tuek Chhou District, Kampot Province. (CFAVC-MOWRAM-KPT-CW12.2B)	n/a	n/a	3-Oct-23
IEE/EMP for 1. Kbal Teuk (250 ha), 2. Tuol Pring (100ha), and 3. Trapeang Tros (350ha)	n/a	n/a	11-Feb-21
IEE/EMP for 1. Tboung Damrei (600ha), 2. Kampong Raing (350ha) (CW13.2)	n/a	n/a	3-Oct-23
IEE/EMP for 1. Pram Kumpheak (950ha), 2. O Kamprok (350ha)	n/a	n/a	4-Jan-22
IEE/EMP for Tuek Char West Reservoir Scheme	n/a	n/a	3-Oct-23
IEE/EMP of Prey Kdouch Irrigation Subproject at Trapeang Kranhoung Commune, Tramkak District & Kraing Empil Irrigations Subproject at Trapeang Kranhoung Commune, Takeo District, Takeo Province (CW15.1)	n/a	n/a	25-Jun-21
IEE/EMP for irrigation schemes of 1. Kwaeng Tayee (970), 2. Chrouk1+Phlov Touk (975ha), 3. Prey Romdeng Canal (650ha) (CW15.2)	n/a	n/a	3-Oct-23
IEE/EMP of 1. Pralay 95, (850ha), Pralay 42 (pumping Station) (650ha), (CW15.4)	n/a	n/a	7-Nov-23
<b>3. Civil Works under Ministry of Agriculture, Forestry and Fisheries (MAFF)</b>			
IEE Report for subprojects under MAFF	n/a	n/a	8-Jul-2021

### Appendix 13: CEMP Approvals Status

CW Packages	Roles/Works to be completed under the contracts awarded	Status and Issues	Further Updated Needed?
<b>1. Rural Road Improvement Subprojects Under MRD</b>			
CW17a-CFAVC-MRD-KP-1A-Batch2	Rural road improvement-KP18&KP19 at Ratanak Pulrath Samaki AC (6.395km) & Prey Krang Meanrith AC. (6.568 km) _ by Henan Water Construction Group Co., Ltd	CEMP under the progress	n/a
CW17a-CFAVC-MRD-KP-2A-Batch2	Rural road improvement of KP9&KP10: at Samaki Amatak AC (3.817km) & Sen Han Cham Reoun Phal AC. (5.281km) _ by 6 Stars Construction Co., Ltd	CEMP under the progress	n/a
CW17b-CFAVC-MRD-TK-1A_lot 1 of Batch 2_	Improve 2 roads TK11&TK12 Lot1_total length of 13.976km located in Ou Saray Commune (8.203km) and Cheang Tong & Popel commune (5.773km), Tramkak district, by 6 Stars.	CEMP under the progress	n/a
CW17b-CFAVC-MRD-TK-2A-Batch 2-Lot 2	Rural roads improvement in total length of 12.761 km: 1) 3.385 km in Tramkak commune; 2) 5.406 km in Angtasom commune, Tramkak district and 3) 3.970 km in Kampaeng commune, Kirivong	CEMP under the progress	n/a
CW17b-CFAVC-MRD-KC-2A-Lot2_ Batch 2.	Rural road improvement of lot2, total length of 12.640 km, at KC16_Sammakybaray Angdong Ang & KC17_Ponluk Thmey, Kampong Cham	CEMP under the progress	n/a
CW17d-CFAVC-MRD-KC-1A-Batch2	Road improvement-total length of 9.425km for KC27_Akpiwat Moulthanyoeung AC and KC28_Akpiwat Kaksekor AC.	CEMP under the progress	n/a
CW17b-CFAVC-MRD-TK3-2020	Improved 1 road =10km in Lot1: Khnar Tung village, Kumareachea-Lumphong commune, (Lumphong Kasikam Samaky AC) in Bati district, Takeo province	n/a	EMP has been updated
CW17b-CFAVC-MRD-TK4-2020	Improve 1 Road of Lot 2 4.67km in Takeo Province consist of TK4-1 Concrete Road length 2,658m, TK4-2 OBST Road length 1,882m and TK4-3 Concrete Road length 130m. Takeo province	n/a	n/a
CW17a-CFAVC-MRD-KP1/ KP2-2020	Rural road improvement subproject in total length of 20.052 km (Lot 1_ Improve 2 roads=11.948.05km & Lot 2_8.104km) in Rovieng-Chres, Chres -Touch in Chum Kiri district, Kampot province, by RMCD.	Approved on 12 September 2022	No
CW17d-CFAVC-MRD-KC7/KC8-2020	Improve rural roads of batch 1 with total length of 14.603km (Lot1=1 road=9.882km& Lot2= 3roads_ 4.721km) and batch 2 of 9.425km, from Sambour to Sopheas commune, Kampong Cham province.	Approved on 4 July 2022	No
CW17c-CFAVC-MRD-TBK5/TBK6-2020	Rural Road Improvement for Total 21.774 km (Lot1=1 road=9.774km & Lot2=3 roads=12km)) _DBST/Concrete	Approved by PMU 30 August 2022	No
<b>2. Irrigation Scheme Subprojects under MOWRAM</b>			

CFAVC-MOWRAM-KPT-CW12.1A	Construction or Rehabilitation of 80 Rainwater Harvesting Ponds in Kampot Province	CEMP under the progress	n/a
CFAVC-MOWRAM-KPT-CW12.1	Rehabilitation of Takoch Irrigation Subproject, Kampot province	CEMP under the progress	n/a
CFAVC-MOWRAM-KPT-CW12.2A	The Rehabilitation of Trapeang Boeung Irrigation schemes in Kampot Province	CEMP under the progress	n/a
MOWRAM-KPT-CW12.2B	Bravoek Pong in Pong Sat Commune and Kandoal Feeding Canal in Kandoal commune, these are situated in Tuek Chhou District, Kampot Province.	CEMP under the progress	n/a
CW13.1	1. Kbal Teuk (250 ha), 2. Tuol Pring (100ha), and 3. Trapeang Tros (350ha)	Construction has completed 100%.	No
CW13.2	1. Tboung Damrei (600ha), 2. Kampong Raing (350ha)	n/a	n/a
CW13.3	1. Choam Taheung (987ha), 2. Trapeang Ampil (200ha)	n/a	n/a
CW14.1	Pram Kumpheak (950ha) and Kamprok (350ha)	Construction has completed 100%.	n/a
CW14.3	Teuk Cha East (980ha)	n/a	n/a
CFAVC-MOWRAM-TEO-CW15.1	1. Prey Kdouch Irrigation in Trapeang Kranhoung Commune, Tramkak and 2. Kraing Empil Irrigation in Trapeang Kranhoung Commune, Takeo.	- Construction has completed 100%. - Approved on January 2022	n/a
CW15.2	1. Kwaeng Tayee (970ha), 2. Chrouk1+Phlov Touk (975ha), 3. Prey Romdeng Canal (650ha)	n/a	n/a
CW15.3	1. Ta Oum Reservoir (160ha), 2. Sdok Sab (300ha), Pou Tasuy (635ha)	n/a	n/a
CW15.4	Pralay 95, (850ha), Pralay 42 & (pumping Station) (650ha)	n/a	n/a
<b>3. Agricultural Cooperative Storage/Warehouse Subprojects under MAFF</b>			
CW3b3/ CFAVC/MAFF/2023/03	The construction of 25 AC storages/warehouses (9 units of rice seed storage 50-ton capacity, 12 units of grain storage 100-ton capacity and 4 units of 200-ton capacity) in Takeo, Kampot, Kampong Cham and Tboung Khmum province.	- Construction has completed 100%. - Approved on 26 May 2023	No
CW3b2/ CFAVC/MAFF/2023/02	The construction of 35 units of the AC storages/warehouses (10 units of rice seed storage 50-ton capacity, 20 units of grain storage 100-ton capacity and 5 units of 200-ton capacity) in Takeo, Kampot, Kampong Cham and Tboung Khmum province.	- Construction has completed 100%. - Approved on 6 December 2022	No
CW3b1/CFAVC/MAFF/2022/01	The construction of 20 AC storages/warehouses (5 units of rice seed storage 50-ton capacity, 12 units of grain storage 100-ton capacity and 3 units of 200-ton capacity) in Takeo, Kampot, Kampong Cham and Tboung Khmum province.	- Construction has completed 100%. - Approved on 6 December 2022	No



#### Appendix 14: Summary data progress for laser land leveling

Province		Location	Name of FWUC/AC	Laser Land Levelling progress(24-03-2024)			
				Total surface (ha)	Village	Commune	District
Ta Keo	1	AC	Sdok Sdam	86	Trapeangsdok	Taing Yab	Preykabas
	2	AC	Udom Soriya	49	Taso	Odamsoriya	Tramkak
	3	AC	Samphly Angkor Raingsey	106	Kour	Preykla	Koh Andet
	4	FWUC/AC	Pou Tasuy Reservoir Scheme/ Kampengsoksensambno(AC)	70	Chimareak	Kampeng	Kirivong
			<b>Total</b>	<b>311</b>			
Kam Pot	5	AC	Kasikorsamaki rongroeurng (At Tomnob77)	70	Kamnab	Srecheng	Chhomkiri
	6	AC	Kasikor samaki rongroeurng (At Tomnob Stoengphe)	71	Pongtoeuk	Srecheng	Chhomkiri
	7	FWUC	Takoch Reservoir Scheme	32	Preykhmao	Sre Khnong	Chhomkiri
			<b>Total</b>	<b>173</b>			
Kampong Cham	8	FWUC/AC	Potatres/Aphiwatmoulthan Yoeurng	123	Kradas Kor	Taingkrasaing	Batheay
	9	AC	Aphiwatsrok Yoeurng	87	Trapeang Tnaot	Sour Saen	Prey Chhor
	10	FWUC	Teukchar East	97	Boeung Nay	Boeung Nay	Prey Chhor
	11	AC	Khvitthomrich Chamroeur	100	Khvitthom	Khvitthom	Prey Chhor
			<b>Total</b>	<b>407</b>			
Tboung Khmum	12	FWUC	Tboungdamrei	44	Chravakdek	Chhouk	Krouch Chhmar
	13	AC	Dambe Rongroung	57	Trapeang Reusey	Dambae	Dambae
	14	AC	Romduoldountey	60	Angkor Leu	Dountei	Ponhea Krek
			<b>Total</b>	<b>161</b>			
<b>Total (4 provinces)</b>				<b>1052</b>			

**Appendix 15: List of the farmer R & D and pilot of biodigester and compost hut in 2022-2024**

ល.រ	ឈ្មោះ	ភេទ	ភូមិ	ឃុំ	ស្រុក	ទំហំឡ		ទំហំរោងកំប៉ុស្តិ៍(៨ម <sup>៣</sup> )	លេខទូរស័ព្ទ
						៤ម <sup>៣</sup>	៦ម <sup>៣</sup>		
1	វង្ស សារ៉ែន	ប	ថ្នល់បែកលិច	ស្វាយទាប	ចំការលើ		√	8m <sup>3</sup>	N/A
2	ជី ម៉ុ	ស	គោហើ	ព្រែកកុយ	កងមាស	√		8m <sup>3</sup>	097 330 88 55
3	សំអុល ចាន្នី	ប	គោហើ	ព្រែកកុយ	កងមាស		√	8m <sup>3</sup>	090 455 644
4	សិន វុធី	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m <sup>3</sup>	097 318 24 82
5	ពៅ សុខណា	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m <sup>3</sup>	097 382 01 72
6	នី ណាត	ប	គោហើ	ព្រែកកុយ	កងមាស		√	8m <sup>3</sup>	088 686 05 66
7	រូស ពិសី	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m <sup>3</sup>	067 772 753
8	ណុន ឆៀន	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m <sup>3</sup>	090 416 488
9	ប៉ាក អាន	ប	គោហើ	ព្រែកកុយ	កងមាស		√	8m <sup>3</sup>	097 988 95 28
10	ប៉ោ ស្រៀន	ប	គោហើ	ព្រែកកុយ	កងមាស		√	8m <sup>3</sup>	089 342 356
11	រឿន ភាព	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m <sup>3</sup>	012 808 679
12	ឈុន សំអាត	ប	គោហើ	ព្រែកកុយ	កងមាស	√		8m <sup>3</sup>	097 869 879
13	ស៊ិន កុសល	ប	កោះរកាក្នុង	កោះរកា	កំពង់សៀម	√		8m <sup>3</sup>	031 615 33 35
14	សុខ គា	ប	កោះរកាក្នុង	កោះរកា	កំពង់សៀម	√		8m <sup>3</sup>	099 665 054
15	ឡុង សុខ	ប	កោះរកាក្នុង	កោះរកា	កំពង់សៀម	√		8m <sup>3</sup>	085 532 252
16	គឹម ពៅ	ស	អូបេង	បេសព្រៃ	ស្ទឹងត្រង់	√		8m <sup>3</sup>	012 987 122
17	យ៉ុ ពេជ្រ	ស	ដូង	សំរោង	ព្រៃឈរ	√		8m <sup>3</sup>	092 986 672
18	នៅ លាងគឹម	ប្រុស	កោះប្រាក់	កោះទន្លឹម	កំពង់សៀម	√		8m <sup>3</sup>	097 67 24 226
19	អ៊ិន សុខគុន	ប្រុស	កោះប្រាក់	កោះទន្លឹម	កំពង់សៀម	√		8m <sup>3</sup>	067 47 89 85
20	ស៊ឹម ឆៀន	ប្រុស	កោះរកា	កោះរកា	កំពង់សៀម	√		8m <sup>3</sup>	088 25 96 491
21	ប៉ុល សេត្រា	ប្រុស	អូរកាប់មាន់	អូរម្លូ	ស្ទឹងត្រង់		√	8m <sup>3</sup>	012 37 84 83
22	អី ស៊ិនហៃ	ស្រី	កោះរកា	កោះរកា	កំពង់សៀម	√		8m <sup>3</sup>	085 50 57 81
23	គឹង ខាន់	ស្រី	កោះរកា	កោះរកា	កំពង់សៀម	√		8m <sup>3</sup>	031 33 23 440

24	គ្រុយ សុខកៀន	ស្រី	ថ្មី២	រកគយ	កងមាស		√	8m <sup>3</sup>	031 22 13 997
25	ជ័យ ស៊ុននី	ស្រី	កោះរកា	កោះរកា	កំពង់សៀម	√		8m <sup>3</sup>	096 62 29 002
26	ជ័យ ចិន្តា	ស្រី	កោះរកា	កោះរកា	កំពង់សៀម	√		8m <sup>3</sup>	097 64 24 144
27	មិត្ត ណែ	ប្រុស	ព្រែកលីវ២	រកាអារ	កងមាស	√		8m <sup>3</sup>	097 51 38 617
28	ម៉ម សារ៉េន	ស្រី	ព្រែកលីវ២	រកាអារ	កងមាស	√		8m <sup>3</sup>	017 411 745
29	ចេង ចិត្រា	ស្រី	ព្រែកលីវ២	រកាអារ	កងមាស	√		8m <sup>3</sup>	092 53 94 39
30	លីវ សារ៉ាត	ប្រុស	ព្រែកលីវ២	រកាអារ	កងមាស	√		8m <sup>3</sup>	071 75 22 512
31	ឈុំ សាងហាយ	ប្រុស	ព្រែកលីវ២	រកាអារ	កងមាស	√		8m <sup>3</sup>	071 70 71 903
32	ថៃ ក្នូ	ប្រុស	ដំណាក់ស្អិត	រកាគយ	កងមាស		√	8m <sup>3</sup>	071 82 65 566
33	សៀក ប៊ុនចេត	ប្រុស	ដំណាក់ជ្រៃ	ពាមជីកង	កងមាស	√		8m <sup>3</sup>	097 61 56 758
34	ជន ណារុំ	ស្រី	ដំណាក់ស្អិត	រកាគយ	កងមាស	√		8m <sup>3</sup>	077 55 60 04
35	នួន ស៊ុណាត	ស្រី	ដំណាក់ស្អិត	រកាគយ	កងមាស	√		8m <sup>3</sup>	097 89 68 517
18	ខ្មៅ អុន	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	0979983887
19	ភឿង វណ្ណ័ន	ស្រី	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	0972303419
20	ជា ឃោន	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	0889558575
21	ម៉ាប័ ចន្តា	ស្រី	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	0978016685
22	ស្រស់ ស្រង	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	0712836147
23	អ៊ា ពូក	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ		√	8m <sup>3</sup>	0973688378
24	ជឿន ជាត	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	0975229688
25	សែម យ៉ុង	ស្រី	ស្មោញ	ល្វើង	ត្បូងឃ្មុំ		√	8m <sup>3</sup>	0888810784
26	សិន ពៅ	ស្រី	ស្មោញ	ល្វើង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	088 682 76 54
27	ទៃ រឿង	ស្រី	ស្មោញ	ល្វើង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	060 636 159
28	សុត សាញ់	ប្រុស	ស្មោញ	ល្វើង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	071 677 23 48
29	ប៊ុន ស្រង	ស្រី	ត្រពាំងទន្សោង	កណ្តាលជ្រំ	ពញាក្រែក		√	8m <sup>3</sup>	071 264 08 47
30	ស៊ុន ឆៃលាង	ស្រី	ត្រពាំងទន្សោង	កណ្តាលជ្រំ	ពញាក្រែក	√		8m <sup>3</sup>	088 766 14 52
31	ឈឹម ឃៀន	ស្រី	ត្រពាំងទន្សោង	កណ្តាលជ្រំ	ពញាក្រែក	√		8m <sup>3</sup>	097 940 94 65
32	ថៃ ផល្លី	ប្រុស	ត្រពាំងទន្សោង	កណ្តាលជ្រំ	ពញាក្រែក	√		8m <sup>3</sup>	088 382 88 12

33	ស៊ុយ ស៊ុនអេង	ស្រី	ត្រពាំងទន្សោង	កណ្តាលជ្រំ	ពញាក្រែក		√	8m <sup>3</sup>	071 935 50 15
34	ម៉ី សំអន	ប	ផ្លូវលោក	ត្រពាំងក្រញូង	ត្រាំកក់		√	8m <sup>3</sup>	0963963524
35	គង់ មឿន	ប	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់		√	8m <sup>3</sup>	017356798
36	សឹម សៅ	ប	ត្រពាំងថ្លាន់	ឧត្តមសុរិយា	ត្រាំកក់		√	8m <sup>3</sup>	0963279070
37	យ៉ន ម៉ៅ	ស្រី	ស្មោញ	ល្បែង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	088 42 31 061
38	ញ៉ំ ញីល	ប្រុស	ស្មោញ	ល្បែង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	088 46 83 707
39	យ៉ន មឿន	ប្រុស	ស្មោញ	ល្បែង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	097 26 65 562
40	ពិន ពេន	ប្រុស	ថ្នុកពង្រ	ល្បែង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	097 42 22 567
41	តុង សាមាន	ស្រី	ថ្នុកពង្រ	ល្បែង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	097 51 15 417
42	អែម ចន្ទា	ស្រី	ថ្នុកពង្រ	ល្បែង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	097 77 91 662
43	ស៊ុយ ម៉ាលីន	ស្រី	ថ្នុកពង្រ	ល្បែង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	088 41 18 333
44	សន រាន	ប្រុស	ថ្នុកពង្រ	ល្បែង	ត្បូងឃ្មុំ	√		8m <sup>3</sup>	097 25 75 466
45	អ៊ិន សុខយា	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ		√	8m <sup>3</sup>	096 57 27 431
46	ពេង ផាត	ស្រី	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	097 25 09 214
47	មាត លីម៉ា	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	031 46 55 550
48	ស្រង ធារ៉ា	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	097 47 57 217
49	កុប ធី	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	088 84 85 612
50	យួន ហាក	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	088 63 92 547
51	ស្រីន សារ៉ុ	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	097 41 76 396
52	វ៉ាន ខន	ស្រី	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	097 66 48 393

53	យាម សារាត	ប្រុស	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	097 83 22 459
54	ចាន់ នី	ស្រី	គោកស្រុក	គោកស្រុក	តំបែរ	√		8m <sup>3</sup>	088 30 67 274
55	ស្បើង វណ្ណា	ប	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់		√	8m <sup>3</sup>	012218661
56	ថឹម វន្នី	ស	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	N/A
57	អ៊ុំ ស៊ឹម	ប	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	0967824977
58	គៀត ឃៀង	ប	រំពាក់ពេន	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	089900964
59	សឹម ទឹម	ស	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	N/A
60	សួន ផល្លា	ស	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	0883017422
61	ញឹម ធី	ប	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	0877490392
62	ទឹម រុន	ប	ត្រពាំងត្រគៀត	ឧត្តមសុរិយា	ត្រាំកក់		√	8m <sup>3</sup>	0967073915
63	សៀន ចន្ទ	ស	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	0962905203
64	សុត្រ សារិន	ប	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	010760858
65	សុត្រ ផុន	ប	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	0969205132
66	ប៉ុង ខុំ	ប	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	0965326421
67	សៅ សៀន	ប	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	N/A
68	ស្រី ផន	ប	ត្រពាំងត្រគៀត	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	089239713
69	ជា ថន	ប	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	N/A
70	សុត ភាព	ស្រី	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	087 36 57 92
71	សយ សំឡើង	ប្រុស	ត្រពាំងថ្នាន់	ឧត្តមសុរិយា	ត្រាំកក់		√	8m <sup>3</sup>	071 93 28 094
72	វ៉ា សារិន	ប្រុស	តាសូ	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	096 44 42 630

73	ត្រែន ឡា	ប្រុស	ត្រពាំងថ្មាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	097 30 96 665
74	ឱន យ៉ាន	ស្រី	ត្រពាំងថ្មាន់	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	097 88 61 915
75	កាន់ សំអូន	ប្រុស	រំពាក់ពេន	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	096 95 05 833
76	នាង ប៊ុច	ស្រី	ត្រពាំងត្រគៀត	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	086 54 57 76
77	ទួន សារី	ស្រី	រំពាក់ពេន	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	086 38 69 12
78	គង់ បន	ប្រុស	ចុងអា	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	016 27 98 11
79	ប៉ក់ ស៊ី	ប្រុស	ត្រពាំងរុន	ឧត្តមសុរិយា	ត្រាំកក់	√		8m <sup>3</sup>	090 76 60 08
80	សាន ហាក់	ស្រី	ព្រៃត្នង	សំបូរ	ទ្រាំង	√		8m <sup>3</sup>	097 76 81 338
81	យឹម សារ៉ាត់	ស្រី	ព្រៃដកពរ	សំបូរ	ទ្រាំង	√		8m <sup>3</sup>	097 76 81 338
82	ញ៉ែប ម៉ា	ស្រី	ពោធិ៍	សំបូរ	ទ្រាំង		√	8m <sup>3</sup>	088 81 60 047
83	ប្រឹក តាំងអ៊ុន	ស្រី	អង្គបក្សី	ជាងទង	ត្រាំកក់	√		8m <sup>3</sup>	088 40 16 267
84	ប៊ិន សុចិន្តា	ស្រី	អង្គបក្សី	ជាងទង	ត្រាំកក់	√		8m <sup>3</sup>	071 33 24 645
85	ស៊ុន ចុម	ប្រុស	ផ្លូវលោក	ត្រពាំងក្រញូង	ត្រាំកក់	√		8m <sup>3</sup>	096 45 29 944
86	ញ៉ុត ង៉ែត	ប្រុស	ផ្លូវលោក	ត្រពាំងក្រញូង	ត្រាំកក់	√		8m <sup>3</sup>	088 23 93 525
87	តាក់ ទិត្យា	ប្រុស	ត្រពាំងសោម	ត្រពាំងធំខាងត្បូង	ត្រាំកក់	√		8m <sup>3</sup>	097 38 34 222
88	ម៉ែន ធា	ស	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្គរជ័យ		√	8m <sup>3</sup>	077 771 263
89	ជួន វេន	ប	ដំណាក់ត្រយឹង	សំរោងលើ	បន្ទាយមាស		√	8m <sup>3</sup>	085 41 69 07
90	អ៊ុក សុខា	ស	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្គរជ័យ		√	8m <sup>3</sup>	017 83 64 70
91	អ៊ុក សារ៉េន	ស	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្គរជ័យ	√		8m <sup>3</sup>	066 27 17 78
92	នូ រដ្ឋ	ប	វាលត្បាល់	មានជ័យ	ល្អិត	√		8m <sup>3</sup>	097 63 44 714
93	ស្រី សេង	ប	វាលត្បាល់	មានជ័យ	ល្អិត	√		8m <sup>3</sup>	088 5174 726
94	មា គន្ធា	ស	ទឹកក្រហម	កណ្តាល	ទឹកល្អ	√		8m <sup>3</sup>	088 9120 148

95	ស៊ុន គន្ធី	ស	ទឹកក្រហម	កណ្តាល	ទឹកល្អ	√		8m <sup>3</sup>	097 2550 843
96	មា ចុង	ស	ទឹកក្រហម	កណ្តាល	ទឹកល្អ	√		8m <sup>3</sup>	088 7137 096
97	ញេប ម៉េង	ស	ត្រពាំងឫស្សី	ដំណាក់ស្រុក	ដងទង់	√		8m <sup>3</sup>	097 3289 411
98	សួន វណ្ណា	ប	ត្រពាំងឫស្សី	ដំណាក់ស្រុក	ដងទង់		√	8m <sup>3</sup>	071 9667 929
99	វិញ វិច្ឆិកា	ស	ត្រពាំងឫស្សី	ដំណាក់ស្រុក	ដងទង់		√	8m <sup>3</sup>	097 960 2287
100	ដែត សា	ប	ស្វាយផ្អែម	វត្តអង្គខាងជើង	បន្ទាយមាស	√		8m <sup>3</sup>	097 288 3426
101	អ៊ឹម ស៊ីណូ	ស	ស្វាយផ្អែម	វត្តអង្គខាងជើង	បន្ទាយមាស	√		8m <sup>3</sup>	071 6045 675
102	ខៀវ វី	ប	ដំណាក់ត្រយឹង	សំរោងលើ	បន្ទាយមាស	√		8m <sup>3</sup>	011 887 199
103	សាយ ទូច	ប	ដំណាក់ត្រយឹង	សំរោងលើ	បន្ទាយមាស	√		8m <sup>3</sup>	096 793 5993
104	អ៊ូច សុខ	ប	ដំណាក់ត្រយឹង	សំរោងលើ	បន្ទាយមាស	√		8m <sup>3</sup>	097 284 8951
105	សោម វណ្ណា	ប	ដំណាក់ត្រយឹង	សំរោងលើ	បន្ទាយមាស	√		8m <sup>3</sup>	012 76 06 61
106	នេន សុខនី	ប្រុស	ស្វាយផ្អែម	វត្តអង្គខាងជើង	បន្ទាយមាស	√		8m <sup>3</sup>	097 74 26 447
107	ជុន សុច	ប្រុស	ស្វាយផ្អែម	វត្តអង្គខាងជើង	បន្ទាយមាស	√		8m <sup>3</sup>	097 36 43 908
108	ម៉ែន យ៉ុន	ប្រុស	ស្វាយផ្អែម	វត្តអង្គខាងជើង	បន្ទាយមាស	√		8m <sup>3</sup>	097 89 75 200
109	អ៊ុក យឿន	ប្រុស	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្គរជ័យ	√		8m <sup>3</sup>	092 53 43 76
110	ស ពៅ	ស្រី	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្គរជ័យ	√		8m <sup>3</sup>	088 80 26 183
111	អ៊ុក វ៉ា	ប្រុស	ត្រពាំងរុន	ដំបូកខ្ពស់	អង្គរជ័យ	√		8m <sup>3</sup>	097 75 08 906
112	អ៊ុក សុផានី	ស្រី	រច្ចាខ្ទម	ដំបូកខ្ពស់	អង្គរជ័យ	√		8m <sup>3</sup>	097 33 94 472
113	ម៉ម ទូច	ប្រុស	ត្រពាំងត្នោត	ដំបូកខ្ពស់	អង្គរជ័យ		√	8m <sup>3</sup>	097 20 52 169
114	មិន សុភា	ស្រី	រច្ចាខ្ទម	ដំបូកខ្ពស់	អង្គរជ័យ	√		8m <sup>3</sup>	088 33 49 374
115	ជែ យេន	ប្រុស	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្គរជ័យ	√		8m <sup>3</sup>	090 63 95 63
116	ឡាយ វីត	ប្រុស	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្គរជ័យ	√		8m <sup>3</sup>	031 99 20 101
117	ទិក្ស ងេន	ប្រុស	រច្ចាខ្ទម	ដំបូកខ្ពស់	អង្គរជ័យ		√	8m <sup>3</sup>	076 20 72 196
118	អេប ពេជ	ស្រី	ស្វាយផ្អែម	វត្តអង្គខាងជើង	បន្ទាយមាស	√		8m <sup>3</sup>	097 45 19 232

119	ចាប់ បូរ៉ាន់	ស្រី	ត្រពាំងកំណប់	ដំបូកខ្ពស់	អង្ករជ័យ	√		8m <sup>3</sup>	081 57 02 45
120	អ៊ុក ម៉ាឡៃ	ស្រី	រលាចខ្នុម	ដំបូកខ្ពស់	អង្ករជ័យ	√		8m <sup>3</sup>	092 84 80 54
121	សេន ស្តីង	ស្រី	ស្វាយផ្អែម	វត្តអង្គខាងជើង	បន្ទាយមាស	√		8m <sup>3</sup>	088 50 17 300
122	ភន គឹមសាន	ស្រី	ជំរំជុំ	ក្រាំងស្បូវ	ល្វក		√	8m <sup>3</sup>	097 98 22 246
123	អែម ម៉ុល	ប្រុស	ស្វាយផ្អែម	វត្តអង្គខាងជើង	បន្ទាយមាស	√		8m <sup>3</sup>	097 86 69 244