



CLIMATE-FRIENDLY AGRIBUSINESS VALUE CHAINS SECTOR PROJECT (CFAVC)



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

CS1 - 001 SER: Project Implementations Consulting

**THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER**

Prepared by

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in JV with SBK Research and Development

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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
FWUSG	Farmer Water User Sub-Group

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	Kilo-watt
KPT	Kampot province
LARF	Land Acquisition and Resettlement Framework
M&E	Monitoring and Evaluation
MAFF	Ministry of Agriculture, Forestry, and Fisheries
MEF	Ministry of Economics and Finance
MFI	Micro-finance Institution
MIH	Ministry of Industry and Handicrafts
MISTI	Ministry of Industry, Science, Technology and Innovation
MOC	Ministry of Commerce
MOE	Ministry of Environment
MOLMUPC	Ministry of Land Management, Urban Planning and Construction
MOU	Memorandum of Understanding
MOWRAM	Ministry of Water Resources and Meteorology
MRD	Ministry of Rural Development
NAL	National Agricultural Laboratory
NBP	National Biodigester Program
NCB	National Competitive Bidding
NCO	National Laboratory Coordinator
NGO	Non-government Organization

NSC	National Standard Council
NTD	National Technical Department
O&M	Operation and Maintenance
PADC	Provincial Agricultural Development Center
PAM	Project Administration Manual
PBL	Plant Biotechnology Laboratory
PCR	Polymerase Chain Reaction
PD	National Project Director
PDAFF	Provincial Departments of Agriculture, Forestry and Fisheries
PDRD	Provincial Department of Rural Development
PDWRAM	Provincial Department of Water Resources and Meteorology
PEW	Provincial Engineering Workshop
PIC	Project Implementation Consultants
PIU	Project Implementation Unit
PM	National Project Manager
PMU	Project Management Unit
PPIU	Provincial Project Implementation Unit
PPC	Project Preparation Consultant
PPMS	Project Performance and Monitoring System
PPP	Public Private Partnership
PPTA	Project Preparation Technical Assistance
PV	Photo-voltaic
QPR	Quarterly Progress Report
RDC	Resources Development Consultants
REDD+	Reducing emissions from deforestation and forest degradation in developing countries, and the role of conservation, sustainable management of forests, and enhancement of forest carbon stocks in developing countries
RGC	Royal Government of Cambodia
RF	Resettlement Framework
RP	Resettlement Plan
SEO	Social and Environmental Officer
SRP	Sustainable Rice Platform
SWOT	Strength, Weakness, Opportunity and Threat
TA	Technical Assistance
TAK	Takeo Province
TBK	Tboung 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

Table of Contents

ACRONYMS AND ABBREVIATIONS	I
I. INTRODUCTION AND BASIC DATA	7
I.1. BASIC PROJECT INFORMATION	7
I.2. ESTIMATED PROJECT COST AND FINANCING PLAN	7
I.3. PROJECT APPROVAL, EFFECTIVE AND CLOSING DATES	8
I.4. AWP 2022	9
I.5. AWP 2023	9
II. PROJECT PROGRESS DURING QUARTER 3 (JULY - SEPTEMBER) 2022	10
II.1. OUTPUT 1: CRITICAL AGRIBUSINESS VALUE CHAIN INFRASTRUCTURE IMPROVED AND MADE CLIMATE RESILIENT	10
II.2. OUTPUT 2: CLIMATE SMART AGRICULTURE AND AGRIBUSINESS PROMOTED	21
II.3. OUTPUT 3: ENABLING ENVIRONMENT FOR CLIMATE SMART AGRI-BUSINESS ENHANCED	29
II.4. UPDATED DISBURSEMENT STATUS	36
II.5. PROPOSED REVISION OF COST ESTIMATE	37
III. PROJECT PURPOSES	38
III.1. LIKELIHOOD OF ACHIEVEMENT OF THE PROJECT OUTCOME(S) AND REMEDIAL MEASURES	38
III.2. OTHER PROJECT DEVELOPMENTS	39
IV. IMPLEMENTATION ARRANGEMENTS	39
V. CONSULTING SERVICES AND PROCUREMENT OF GOODS AND WORKS	39
V.1. RECRUITMENT AND PERFORMANCE OF CONSULTANTS	39
V.2. PROCUREMENT PLAN	41
V.3. PROCUREMENT OF GOOD AND WORKS AND PERFORMANCE OF SUPPLIERS, MANUFACTURERS, AND CONTRACTORS.....	41
VI. ASSESSMENT OF PROJECT PROGRESS	42
VI.1. PHYSICAL PROGRESS	42
VII. ASSESSMENT OF THE VALIDITY OF KEY ASSUMPTIONS AND RISKS	42
VIII. SAFEGUARDS AND GENDER PROGRESS AND COMPLIANCE	42
VIII.1. SOCIAL SAFEGUARD DOCUMENT PREPARATION AND SUBMISSION STATUS	42
VIII.2. GENERAL	42
VIII.3. MAFF PROGRAM	43
VIII.4. IRRIGATION PROGRAM	43
VIII.5. FARM ROAD PROGRAM	43
VIII.6. ENVIRONMENTAL SAFEGUARD IEE PREPARATION AND SUBMISSION STATUS	43
VIII.7. GRM IMPLEMENTATION STATUS	45
VIII.8. GENDER ACTION PLAN IMPLEMENTATION.....	45
IX. COMPLIANCE WITH COVENANTS DURING THE THIRD SEMESTER OF 2022	46
A) POLICY LOAN COVENANTS	46
B) FINANCIAL COVENANTS.....	46
C) SAFEGUARD COVENANTS.....	46
D) OTHER COVENANTS	46
X. FINANCIAL MANAGEMENT ACTION PLAN	46
XI. MAJOR PROJECT ISSUES AND PROBLEMS	46
XII. ADB REVIEW MISSION NOVEMBER 2021	47

Annexes

Annex 1. Important Correspondence July - September 2022	
Annex 2. Physical progress July - September 2022	
Annex 3. Updated Implementation Progress DMF status 30 September 2022	
Annex 4. Detail Implementation MAFF Ouput 1 July - September 2022	
Annex 5. Details Implementation MAFF Output 2 and 3 July - September 2022	
Annex 6. Details Implementation Irrigation & Water Management program July - September 2022	
Annex 7. Details Implementation Farm Road Program July - September 2022	
Annex 8. Details Social Safeguard Monitoring July - September 2022	
Annex 9. Details Environmental Monitoring July - September 2022	
Annex 10. Progress Implementation Gender Action Plan July - September 2022	
Annex 11. Details Procurement July - September 2022	
Annex 12. Disbursement Details July - September 2022	
Annex 13: Consultants Input July - September 2022	
Annex 14: Compliance with Covenants July - September 2022	
Annex 15: Financial Management Plan July - September 2022	
Annex 16: Annual Work Plan 2023 (Draft)	

List of Tables

Table I.1: Project Information	7
Table I.2: Indicative financing plan CFAVC ADB and CGF (in millions of US\$).....	7
Table I.3: Project implementation arrangement	8
Table I.4: Approved AWP 2022	9
Table I.5: Draft AWP 2023.....	9
Table II.1: The Summary list of AWP2022 ACS identified Mid-September 2022	14
Table II.2: Summary of the number of beneficiaries identified for Bio-digesters by July-September 2022	17
Table II.3: Summary number of biodigester validation from September 2020-September 2022.....	18
Table II.4: Progress of Implementation for the Biodigesters construction period from July-September 2022 ...	18
Table II.5: Summary of beneficiaries for Compost Huts identified by July-September 2022	19
Table II.6: Summary of beneficiaries identified for compost huts from September 2020-September 2022.....	19
Table II.7: Summary of compost hut construction by July-September 2022.....	20
Table II.8: The summary result of R&D and capacity building by July-September 2022	21
Table II.9: Summary data of rice seeds demo farms progress from July-September 2022.....	22
Table II.10: Summary data of activities progressed of demo farms from July-September 2022.	22
Table II.11: Summary progress of paddy selection for land leveling by July-September 2022	23
Table II.12: Summary of TOT Training and technical backstopping of IA-GDA in July-September 2022	24
Table II.13: Summary of farmers trained in CSA by July-September 2022	25
Table II.14: Summary of farmers trained in business development skills by July-September 2022.....	25
Table II.15: Summary of farmers trained on sustainable rice platform by July-September 2022	26
Table II.16: Summary of farmers trained in CamGAP for Mango by July - Sep 2022	26
Table II.17: Summary of farmers trained in farm mechanization by July-September 2022	27
Table II.18: Summary of FWUCs establishment and made operational by July-September 2022.....	27
Table II.19: Summary of 500 FWUC representatives trained to O&M their irrigation systems	28
Table II.20: Summary progress of GR Agribusiness Policy formulation by July-September 2022	31
Table II.21: Summary progress of PPP-framework by July-September 2022	31
Table II.22: Summary progress of CSA Policy Development by July-September 2022	32
Table II.23: Summary progress of Guidance Manuals and Adaption Standards by July-September 2022.....	32

Table II.24: Summary progress of Development of CamGAP for Tropical Fruit by July-September 2022.....	32
Table II.25: Summary standard of Biofertilizer development by July-September 2022	33
Table II.26: Summary progress of Development of IDP Strategies by July-September 2022	34
Table II.27: Summary progress of national policy and standards by July-September 2022.....	34
Table II.28: Summary progress of staff trained in CSA and GF by July - Sept 2022.....	35
Table II.29: Summary progress of agribusiness trained in CSA and GF by July-September 2022	36
Table II.30: Summary of households received information on climate risk sharing implements	36
Table II.31: Disbursement per Fund Source at 30 September 2022.....	37
Table II.32: Disbursement per Implementing Agency per 30 September 2022	37
Table III.1 Covid related Delays in Project Implementation.	38
Table III.1 Reasons for the 18 months extension of the CFAVC project.	38
Table V.1 Consultants Service Arrangements	40
Table VI.1: Comparison Physical and Financial Progress per Agency per 30 September 2022.....	42
Table VIII.2: EMP Implementation for Irrigation subproject implementation During QR 3 2022.....	44
Table XII.1: Progress Implementation Action Plan MoU December ADB review mission	47

Reporting Period	July - September 2022	Date of Submission: 16 October 2022
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I. INTRODUCTION AND BASIC DATA

- This is the Executive Summary of the Third quarterly report of the year 2022 of the Climate Friendly Agri-business Value Chain Sector (CFAVC) Project, covering the period from July – September 2022.

I.1. Basic Project Information

- The brief project information such as project name, project title, executing agency and implementing agency are shown in Table I.1.

Table I.1: Project Information

Project Number	48409-002 Loan No. 3661-CAM (COL) / 8346-CAM (EF) Grant No. 0579 - CAM (EF)
Project Title	Climate Friendly Agri-business Value Chains Sector Project (CFAVC)
Recipient	Royal Government of Cambodia
Executing Agency	Ministry of Economy and Finance; Ministry of Agriculture, Forestry and Fisheries;
Implementing Agency	Cambodia Agricultural Research and Development Institute (CARDI) General Directorate of Animal Health and Production (GDAHP) General Directorate of Agriculture (GDA) General Department Directorate of Technical Affairs of MOWRAM General Directorate of Technical Affairs of MRD

- The CFAVC project is funded by the Asian Development Bank under loan No. 3661-CAM (COL) and the Green Climate Fund (GCF) under loan 8346-CAM (EF) and grant number No. 0579-CAM (EF) while the Royal Government of Cambodia (RGC) and the beneficiaries also contribute.

I.2. Estimated Project Cost and Financing Plan

- The project is estimated to cost a total of \$141.04 million, of which the ADB will provide US\$90 million from ADB's ordinary capital resources (in the form of a Concessionary Loan) while the Green Climate Fund will provide \$40 million (\$ 10 million in the form of a loan and % 30 million as a grant). RGC will finance \$ 7.38 million to cover the costs for activities s described in table I.2, while the contribution from the beneficiaries in the form of-kind or in cashes for the biogas plant and compost huts is expected to be equivalent to \$3.66 million equivalent (PAM, par 18, p.15). For more detail see table I.2.

Table I.2: Indicative financing plan CFAVC ADB and CGF (in millions of US\$)

Activity	TOTAL Budget (\$)	ADB Loan	CGF(\$\$)	
			Loan	Grant
Irrigation, Ponds and Roads	78,796,750	60,537,190	9,963,900	8,295,660
Warehouses and laboratory	5,762,800	5,762,800	0	0
Other infrastructure	1,444,650	1,330,600	0	114,050

Activity	TOTAL Budget (\$)	ADB Loan	CGF(S\$)	
			Loan	Grant
Equipment, Materials, Goods and Implementation Costs	27,543,130	16,757,700	0	10,785,430
Incremental Operating Costs	4,681,030	4,187,100		493,930
Interest and Fees	1,460,710	1,424,610	36,100	0
Training, Workshops and Demonstrations	7,456,780	0	0	7,456,780
Biogas Plants and Compost Huts	2,854,150	0	0	2,854,150
TOTAL	130,000,000	90,000,000	10,000,000	30,000,000

5. Regarding the financing arrangements some additional conditions:
- the GCF loan is to support the climate resilience of the irrigation and roads program,
 - the GCF grant is for all climate resilient activities such as bio gas, training and ICT.
 - The RGC contribution is to cover i) biogas plants and composts huts (ii) salaries of government staff working for the project; (iii) land acquisition and resettlement; (iv) monitoring (including external monitoring for safeguards and external audit and (v) taxes and duties for goods, equipment, materials, surveys and services through exemptions.
 - The farmer contribution is to contribute either in-kind or in cashes for the biogas plant and compost huts (PAM, par 18, p.15)

1.3. Project Approval, Effective and Closing Dates

6. The project approval date, LOA sign date, project effective date and closing date are presented in table I.3.
7. In November 2021 a first (virtual) ADB review mission was conducted after the first Inception Mission in January 2020 which took place before the outbreak of the Covid-19 pandemic. Chapter XIV provides more details about the progress with the implementation of the Agreed Action Plan of this mission
8. During the November 2021 ADB review mission the ADB Mission and IAs agreed that the extension of the project implementation period by at least 18 months is critical to overcome considerable delays in implementation caused primarily by COVID-19.

Table I.3: Project implementation arrangement

Approval Date	29 June 2018	Elapsed Project Period (original)	Modifications
LOA Signing Date	06 Jun 2018		Not applicable
Effective Date	01 Oct 2018		
Closing Date	30 September 2024		30 June 2026
Date of last ADB review missions	First: 20 - 30 January 2020 Second: 22 - 29 Nov. 2021		

I.4. AWP 2022

9. The 2022 AWPB amounts to US\$ 37,072,000 as shown in Table I.4.

Table I.4: Approved AWP 2022

Executing Agency	Cost ('000USD)				
	Q1	Q2	Q3	Q4	Total
MAFF	2,395.04	3,098.44	2,794.42	5,230.39	13,518.300
MOWRAM	324.35	2,879.68	6,805.72	4,696.76	14,706.500
MRD	764.80	1,343.58	2,668.82	4,070.00	8,847.200
TOTAL	3,484.19	7,321.70	12,268.97	13,997.15	37,072.000
SOURCE OF FUNDS	Q1	Q2	Q3	Q4	Total
ADB	2,420.14	5,540.90	9,843.74	10,490.51	28,295.29
GCF Loan	121.15	384.93	784.80	961.09	2,251.97
GCF Grant	821.40	1,244.32	1,499.11	2,302.94	5,867.76
RGC	75.30	91.78	87.40	141.71	396.19
Beneficiaries	46.20	59.77	53.91	100.90	260.79
TOTAL	3,484.19	7,321.70	12,268.97	13,997.15	37,072.000

I.5. AWP 2023

10. During this reporting period the PMU and consultants have started with the drafting of the AWP2023 as shown in Table 1.5 below. A very large portion of these allocations however concern previous allocations brought forward from previous year (2020, 2021, 2022). F.I. for the MOWRAM allocation

Table I.5: Draft AWP 2023

Executing Agency	Cost ('000USD)				
	Q1	Q2	Q3	Q4	Total
MAFF	3,486.73	7,043.34	6,921.89	5,923.97	23,375.94
MOWRAM	207.39	878.96	4,717.45	5,536.05	11,339.85
MRD	1,776.88	2,094.61	2,461.29	2,989.87	9,322.65
TOTAL	5,471.00	10,016.92	14,100.64	14,449.89	44,038.44
SOURCE OF FUNDS	Q1	Q2	Q3	Q4	Total
ADB	3,329.84	6,078.29	9,449.32	9,775.41	28,633.77
GCF Loan	227.70	321.78	670.55	997.45	2,217.48
GCF Grant	1,702.12	3,247.88	3,614.29	3,357.61	11,931.89
RGC	127.43	219.44	219.76	193.85	770.81
Beneficiaries	73.91	129.29	146.72	125.57	495.49
TOTAL	5,471	10,016.92	14,100.64	14,449.89	44,038.44

II. PROJECT PROGRESS DURING QUARTER 3 (JULY - SEPTEMBER) 2022

11. The tender for the CS04 consultants was concluded and the team is expected to mobilize soon.
12. The second tender of the renewable energy (bio-digester and compost huts) also failed same as the first one. The PMU and IA-GDAH intends to request to ADB during the upcoming ADB review mission to change the procurement method because of a large number of farmers have changed their minds because they have been waiting a too long time for the construction of bio-digester and compost hut, most of them used the earmarked contribution budget for other purposes.

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

Activity 1.a: Rehabilitation of Irrigation Schemes

Step1: Reconnaissance and Feasibility

13. All 27 irrigation schemes covering 15,000 ha, were already identified in 2021 and two backup schemes have selected in early 2022 as potential additional schemes. The program is divided in 3 batches, Batch I: AWP 2021 9 schemes covering 3,250 ha, Batch II AWP 2022 8 schemes covering 5,028 ha and Batch III AWP 2023 9 schemes covering 7,420 ha.
14. In this reporting period progress was made with feasibility study (FS) reports and for 15 sub-projects the main reports of these FS have largely been completed and now awaiting completion of the social safeguard screening and environment annexes.
15. The preparation of the social safeguard annex (DDR) for the 9 schemes of batch I: 3 subprojects (O Kamprok, Pram Kompheak and Takoch) have resubmitted ADB for finalizing since (mid of September 2022). For DDR in Batch II, there are 5 subprojects being process (Tbong Khmum, Trapeang Rain, Braowek Pong, Kandol and Trapeang Boeung), they are expected to complete by late of November 2022 (see Annex 6).
16. The IEE received Nol from ADB was 9 subproject in Batch I and ongoing progress report of IEE for Batch II AWP 2022, 10 sub-schemes is currently at 80 %.

Step 2: Topo Survey

17. At the end of this reporting period the topo surveys in all 27 irrigation schemes are complete, while the topographical survey in 2 potential additional/backup irrigation subprojects are under progress. The total command area of 27 schemes is 15, 000ha plus 2 back up of 600 ha.

Step 3: DED

18. At the end of this reporting period, the detailed engineering design is completed for 19 subprojects, while the DED in the remaining 8 subprojects is ongoing.

Step 4: Procurement

19. At the end of this reporting period CW have been bid for 14 irrigation subprojects, of which for 6 subprojects the CW works have been awarded, while for 3 additional subprojects (Pram Kompheak 900 ha, O'Kamprok 450 ha and Takoch 400 ha) the NOLs are being awaited. For the remaining 5 subprojects (Kampong Raing, Tbong Damrei, Trapeang Boeung, Kandol and Prawoek Pong), bid evaluation is ongoing.

Step 5: Implementation

20. At the end of this reporting period civil works have been implemented in 5 out of the 27 irrigation projects, covering 1,200 ha of the 15, 000 Ha (8 %) as follows:
 - 1 subproject (Trapeang Run 100 Ha) had completely done the liability period.
 - 2 subprojects (Tuol Pring (100 Ha) and Kbal Teuk (250 H) are completed 95%,

- 2 subproject Kraing Empil (200 ha) & Prey Kdouch (550 ha) are 98 % completed.

Step 6: O&M by FWUC

21. This activity should start in the first scheme (Trapenag Run) after the 1-year liability period of the contract was over.

Activity 1.b1: 800 on-farm RainWater Harvest Ponds Commissioned

22. On April 13 MEF send out a letter to ADB that the construction of the rainwater harvest ponds is assigned to MOWAM.
23. A first group of 260 ponds spread out over the 4 provinces have been screened and selected, comprising of 80 is Kampot province and 60 each in the other 3 provinces of Takeo, Kampong Cham and Tbong Knun. For all demarcation, topographical survey, IR, IP, public consultation meetings and DED are underway.

Activity 1.b2: 15 Drip Irrigation Demonstrations

24. On April 13 MEF send out a letter to ADB that the construction of the drip irrigation is assigned to MAFF.
25. The total budget allocated for these 15 drip irrigation systems is \$800,000 and the demonstrations are mainly in mango-growing provinces – Kampot and Takeo provinces. No drop irrigation demonstrations are planned in Kampong Cham and Tbong Khmum provinces, as they do not grow mango. During the project design, MAFF requested for one demonstration in neighboring Kampong Speu province, as mango is grown extensively in that province.
26. For this activity the AWPB2022 has planned a total of 13 drip irrigation system in areas which are used as demonstration site with mango farm in target province of the project.

Activity 1.c: 250 Km of farm roads upgraded to Climate Resilient Standards

Step 1: Reconnaissance and Feasibility

27. Progress with the reconnaissance and preparation of the feasibility study of the 250 km farm roads is as follows:
 - The Project has already identified 44 farm roads of 273.6 km (as against the project target of 250 km) for rehabilitation and improvement of climate resilience benefitting 44 out of the total of 80 ACs in terms of all-year all-weather connectivity with markets. A combination of double bituminous surface treatment (DBST) in road lengths exceeding flood levels and concrete for road lengths below the flood level has been selected as appropriate to minimize the cost.
 - The AWP2020 program consists of 8 subprojects is divided into 4 packages, with a total length of 71.099 km, benefitting 2 ACs each in Kampong Cham, Kampot, Takeo, and Tbong Khmum provinces with 82,765 (females: 42,447) direct beneficiaries and 859,083 (females: 440,566) indirect beneficiaries.
 - The AWP2021 program consists of 20 subprojects facilitating 20 ACs with a total length of 100.65 Km. The feasibility reports were approved in 2021.
 - The FS of AWP2022 batch III, comprising of 16 subprojects with an estimated length of 100K m are 100% completed and submitted to CS1 for review on 16 August 2022. However as the CS01 team currently has no MRD-DTL the activity to review these feasibility studies is delayed.

Step 2: Toposurvey

28. Progress with the implementation of the toposurvey for the 250 km farm roads is as follows:

- For the road subprojects planned in 2021 MRD Batch II (100.65Km), the topographical surveys have been progressed 100% completed, the Traffic count 100% completed, and the Geotechnical investigation survey 100% completed. The overall surveys studies have been progressed 100% completed,
- For the road subprojects planned in 2022 MRD Batch III (100km), the topographical surveys have been progressed 100% completed, the Traffic count 100% completed, and the Geotechnical investigation survey 100% completed. The overall surveys studies have been progressed 100% completed.

Step 3: DED

29. Progress with the implementation of the DED for the 250 km farm roads is as follows:

- The detailed engineering designs (DED) for the road subprojects planned in the AWP 2020 and AWP 2021 program are 100% completed,
- 16 road subprojects with total length of 100 km are planned for project support in 2022 (covered 16 AC), and the estimated cost for these road subprojects is of about \$ 14,350,000.00, the DED preparation for these road subprojects have been progressed 66% completed.

Step 4: Tendering and Approval by the ADB

30. Progress with the tendering of the rehabilitation and making climate resilient and obtaining approval of the contract by the ADB is as the DED for the 250 km farm roads is as follows:

- The procurement processes for the AWP2020 Batch I were completed for these road subprojects with 71.09 km and the total contract value of \$ 8,665,818.34. All contracts have been signed, same as for social safeguards works clearance has been completed. Handing over certificate for Kampong Cham package was issued by GDR in 1st week of September 2022 and Compensation and Allowance payment to Vulnerable Affected Households in Kampot also completed in 2nd week of September 2022.
- Bidding was completed for the first batch of 8 farm road subprojects with a total length of 71.09 km and a contract value of \$8.67 million
- The MRD Batch II - 20 road subprojects with a total length of 100.65 km (benefitting 4 ACs each in Kampot and Kampong Cham, 5 ACs in Takeo, and 7 ACs in Tboung Khmum), table II-2 with an estimated contract value of \$14.00 million are undergoing preparation of Detailed Resettlement Plan and the first package in Takeo has been announced invitation for bid by 4th week of September 2022 with bid opening planned for 27 October 2022, with a total of 8 participating contractors, 7 Cambodian and 1 Chinese firms.. The contracts will be awarded if the social safeguards are cleared.

Step 5: Implementation of farm Road Contracts

31. Progress with the implementation of the rehabilitation and making climate resilient for the 250 km farm roads at the end of this reporting period is estimated at 12.08 km with details as shown in Annex 7. Some details:

- The Affected Households (AHs) for the Takeo Road subprojects under packages CW17b-CFAVC-MRD-TK3-2020 (Lot 1) and CW17b-CFAVC-MRD-TK4-2020 (Lot 2) were compensated by the GDR/MEF from the 8-10 Dec 2021. Thereafter the civil contract has started on the 21st Jan 22 for Lot 1 and 26th Jan 22 for lot 2.
- Civil works construction for MRD batch I- Takeo province with 14.67km (Lot 1-Henan Water Construction Group Co., Ltd with 10Km) and (Lot 2-Hout Chhoeun Construction Co., Ltd

with 4.67 Km). Physical construction progress is at 39% for TK3 Lot 1 and at 80% for TK4 Lot 2.

- The Vulnerable Affected Households (VAHs) for the Tboung Khmum Road subprojects under packages CW17c-CFAVC-MRD-TBK5-2020 (Lot 1) and CW17c-CFAVC-MRD-TBK6-2020 (Lot 2) were compensated by the MRD from the 09 May 2022. Thereafter the construction work for MRD batch I- Tboung Khmum province has started in late May 2022 (Lot 1 and Lot 2- Heng Sambat Co., Ltd Import Export Transportation and Construction with 21.774 km). Physical construction progress is at 10.39% for TBK5 Lot 1 and 21.67% for TBK6 Lot 2.
 - The Affected Households (AHs) for the Kampong Cham Road subprojects under packages CW17d-CFAVC-MRD-KC7-2020 (Lot 1) and CW17d-CFAVC-MRD-KC8-2020 (Lot 2) were compensated by the GDR/MEF from the 18 August 2022. However, the Construction work for MRD batch I- Kampong Cham province has started in mid-August 2022 (Lot 1 and Lot 2- MTA Construction Co., Ltd. with 14.603 km) at free area of IR and so on for safeguards cleared area. Physical construction progress is at 5% for KC7 Lot 1 and 5% for KC8 Lot 2.
 - The Vulnerable Affected Households (VAHs) for the Kampot Road subprojects under packages CW17a-CFAVC-MRD-KP1-2020 (Lot 1) and CW17a-CFAVC-MRD-KP2-2020 (Lot 2) were compensated by the MRD from the 29 August and 09 September 2022. Thereafter the Construction work for MRD batch I- Kampot province has started in early October 2022 (Lot 1 and Lot 2- Royal Mekong Construction & Development Co., Ltd. with 20.052 km).
32. The Ukraine war, which started late February 2022, has caused a worldwide inflation and increase in energy prices which has also led into an increase in construction costs for the CFACF project. The impact of these increases are as follows: a) for all tenders which took place before the start of the war with implementation to take place after the start of the war, the contractors will have difficulties to implement the works with the increased construction costs as these contracts do not have an escalation clause and b) for all contracts to be tendered after late February the construction costs will be more than foreseen in the CFAVC costtab.
33. The implementation of the Takeo TK3 contract is hampered by flooding also as the DED itself does not provide for any climate resilient drainage features except for some cross drainage but no side drains. The CS01 team has meanwhile started a process to design revision to include for these missing side drains.
34. In the previous reporting period, the PPIU MRD introduced a new requirement that all farm road contract correspondence, including endorsement of invoices, as to be channelled via the CS01 PIC consulting services.

Step 6: O&M by Village Communities

35. Although the constructions are not yet complete, MRD has already identified and formation 22 Road Maintenance Committee for Batch I&II for the 4 provinces.

Activity 1.d: 80-Agriculture cooperatives integrated adaptation measures

Sub-target 1.d.1: Rehabilitation of the Buildings

36. For the 80 Agricultural cooperatives the following planning was made at project start: AWP 2020: Improvement of the building for 20 ACs, AWP 2021 Improvement of the building for 35 ACs AWP 2022 Improvement of the building for 35 Acs. The installation of the equipment, including the solar pannels will follow one year later for all.
37. It also should be noted that there are 3 sizes of these ACS depending on the crops to be processed/stored in these ACs.
38. The 20 ACS from AWP 2020 are currently under construction while the 35 ACs of AWP 2021 are currently under finalization of the safeguard screening to be followed procurement.

Table II.1: The Summary list of AWP2022 ACS identified Mid-September 2022

No	Activities	Province names	Unit	Annual Target 2022	Actual Progress by Jul-Sep 2022	Cumulative Progress by Sep 2022
1	# of ACS identification and select in 2022	TAK	ACs	9	7	15
2		KPT	ACs	5	2	4
3		KPC	ACs	14	6	7
4		TBK	ACs	5	7	8
Total				25	22	34

39. For the tender of the rehabilitation of the 21 ACs of AWP 2021 the bid were opened on st April 2022. The first version of the BER (Bid Evaluation Report) was submitted to MEF for review on the 21 July 2022, and following MEF comments a second draft was submitted to MEF on 28 Jul 2022. After the PCR minutes are signed as the BER submitted to the ADB for NOL on the 4th Aug 2022, the ADB asked for additional clarifications which were issued on 14 September and 18 October 2022. The lowest respective bid is from K.B.H. Construction Co Ltd. for an amount of \$ 2,096,044.02 inclusive of tax. However, the contract can only be signed after the DDR report for these 21 have been approved by the ADB.
40. For the AWP 2022 programme of 25 ACs (First package-2 lots with 12 ACs in Takeo and Kamptot provinces) the DED has been completed; while for the 2nd package-2 lots with 13 AC for Kampong Cham and Tboung Khmum provinces, the DED is in preparation. and preparation are underway and will be completed in the next QR.

Sub-target 1.d.2: Photo-Voltaic study and Installation

41. As reported above the 80 ACs are not all similar as they are tailor made for the crops processed/stored in that AC in question, and as a result the list of necessary equipment is also different. F.i. for some crops different equipment is installed to reduce postharvest losses and moisture content management in particular raining season. In addition, solar power will be introduced within the stores for ventilation and drying, lighting, and powering management system. During the reporting period, main achievement as the following:
- Completed BoQ estimation for NAL-room renovation (11 rooms)
 - Completed drawing of power socket for NAL-room renovation (9 rooms)
 - Completed drawing single diagram, and distributed board (9 rooms)
 - Completed drawing air-conditioner (9 rooms)
 - Completed drawing exhausted fan (9 rooms)
 - Completed drawing riser diagram (9 rooms)

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

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

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

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

- Lab renovation has been designed and process of bidding by procurement with Service Provider Company in local.
- Green-House construction with size of (3 x 23 m) has been signed contract with KASEGRO., Co. Ltd that issue on 16 June 2022 and will started of construction on 27 June 2022.
- Drawing and design for Lab-Room renovation and Greenhouse construction submitted to procurement unit of PMU for review and acceptance prior submission to ADB for further review and approval
- List of equipment and material including chemical reagent and consumable for the Lab usage has been finalized and submitted to procurement unit of PMU for review and acceptance prior submission to ADB for further review and approval.

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

44. AWPB2022, planned to support specific and technical training (training on plant tissue culture, biofertilizer production and quality testing, biopesticide production and quality testing) and on-the job training on relevant topics on lab-equipment use and management to NAL's staff and other relevant capacity development.

- Concept note and relevant document related on single source selection for specific technical training for 36 staff of NAL submitted to procurement unit for review and submission to ADB for further review and approval prior for negotiation calling
- On the job training on mother plant collection has approved by PMU
- Lab infrastructure green house has designed BoQ and cost estimate progressing.
- Finalized lists of equipment, materials and chemical reagent for the lab were sent to procurement for approval
- Lab renovation: changed room D (Plant Tissue Transferring Room) added design BoQ and cost estimate completed
- Green-House construction (3 x 23 m): photovoltaic team have visit greenhouse sample at GDA and designed BoQ, water supply system, electricity system and cost estimate completed
- Lab infrastructure green house has designed BoQ and cost estimate completed.
- Finalized lists of equipment, materials and chemical reagent for the lab were sent to procurement for approval.

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

45. This sub-target support to establish a testing regime for organic and biofertilizers and assist in developing a standard with which the testing will comply together with advising the necessary equipment and materials to undertake the analysis recommended. Main activities focused on

the following: (i) Undertake a market assessment of the organic and biofertilizers, including local producers and highlight the current organic and biofertilizer product registration process, include legal instruments used in the registration process; (ii) develop testing manuals for those tests that are considered necessary and make recommendations for those tests to be incorporated into organic and biofertilizer quality standard; and (iii) development of testing protocols for testing organic and bio fertilizers that can be used in a testing standard. During the reporting period, main achievement as the following:

- Develop the draft testing manual of biofertilizer and conducted consultation meeting with the technical working groups (TWGs) of GDA for their comment and feedback.
- Develop testing protocol for testing organic and biofertilizer
- Develop the draft testing manual of organic fertilizer and conducted consultation meeting with the TWGs of GDA for their comment and feedback.
- Developed the testing manual on biofertilizer and organic fertilizer testing for NAL.
- Developed and implemented for on the job-training on the basic principle of microbiological laboratory management and the bio-assay for plant growth promoting microbes for the commercial products of biofertilizer and biopesticides for NAL staffs.
- Developed training materials for on the job-training on the basic principle of microbiological laboratory management and the bio-assays for PGPM for the commercial products of biofertilizer and biopesticides.
- Drafting the technical guideline on the ISO 17025 laboratory accreditation.
- Conduct market survey on the use and quality of biofertilizer and organic fertilizer in local market has implemented by NAL lead by biofertilizer/pesticide specialist.

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

46. This sub-target support develops meristem TC protocol or protocols for production of cassava to clean up stocks (from Mosaic Virus and mycoplasma) and use those protocols to transfer the technology to private sector companies. Main activities focus on the propose methods of cassava TC by using meristems derived in vivo plantlets and leaves grown under environmentally controlled conditions; develop a TC manual for cassava and if there is sufficient time, other crops or ornamentals that will benefit from TC and have a commercial potential; develop a strategy, plan and description of the TC methodology. During the reporting period, main achievement as the following:

- Preparing concept noted for on-the job training on plant tissue culture
- Preparing lessons, slide presentation for on-the job training and Lab practicing
- Lead field study on how to identify and collect quality mother plant for multiplication through tissue culture of cassava and banana for NAL staffs to target provinces
- Conducted on the job training for NAL staffs by follow up to AWPB2022
- Specified greenhouse materials for procurement document submission
- Had meeting with NAL director and team work on final AWPB and agreed action plan to be finish at the provided due date.
- Reviewed methodology, guideline for banana and cassava production though tissue culture
- Revised of developed manual of Cassava Tissue Culture after meeting on technical working group for the third revision to finalize the manual development.

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

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

Sub-target 1.e.4: Support in the business plan to get recovery

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

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

49. Under this activity, there are five sub-targets: sub-targets 1.f.1 and 1.f.2: identification and installing 12,000 biodigesters, sub-targets 1.f.3 and 1.f.4 : identification and installation of 6,000 compost huts which will benefit to at least 40,000 people (50% are women), including training and capacity building on biodigester and bio-slurry use and management, and sub-target 1.f.5: capacity building of beneficiaries.

Sub-target 1.5.1: Identification of Potential Beneficiaries for biodigester program

50. In the AWPB 2022 it was planned to identify and select an additional 150 new eligible farmers/farm owners purchasing biodigester. During the reporting period, the main result of achievement is as follows:
- Identification of new additional eligible and interested farmers for biodigester construction through activities such as field coaching and mention on promotion and marketing and small group or village meeting to identify and select interested clients.
 - Conducted dissemination and awareness information on benefits of biodigester and compost hut program to communities in target areas.
 - Identified total of 1,696 farmers was identified for purchasing biodigester during the reporting period for cumulative progress number.

Table II.2: Summary of the number of beneficiaries identified for Bio-digesters by July-September 2022

No	Activities	Province	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
1	Beneficiaries identified on purchasing biodigester	TAK	Biodigester	38	97	662
2		KPT	Biodigester	38	146	321
3		KPC	Biodigester	37	309	347
4		TBK	Biodigester	37	222	366
Total				150	774	1,696

51. The AWP 2020 had a total of 500 biodigesters and the AWP 2021 an additional 750, while the AWP 2022 has an additional target of 150 biodigesters.

52. From the total accumulated amount of 1,400 bio-digesters over the 3 AWPB with a total of 2,592 potential beneficiaries have been identified as shown in table below:

Table II.3: Summary number of biodigester validation from September 2020-September 2022

No	Activities	Province	Unit	Total Target 2020 - 2022	Actual Progress 2020 - 2021	Cumulative Progress 2022
1	Beneficiaries identified on purchasing biodigester	TAK	Biodigester	350	255	917
2		KPT	Biodigester	350	219	540
3		KPC	Biodigester	350	167	347
4		TBK	Biodigester	350	255	621
Total				1,400	896	2,592

Sub-target 1.5.2: Installation of 15,000 Bio Digesters

53. For this activity at the project inception, no detailed plan could be made as the construction is depending on the identification of beneficiaries who are willing to contribute to the construction costs.
54. Outside the first 3 demonstration units, built-in 2020 is still functioning, up to the end of this reporting period progress with the construction of these bio-digesters is still 0 for the following reasons:
- No biodigester construction activities started yet.
 - First bidding was failed, so the construction of 500 biodigesters delayed
 - Prepared second round of tender document and submitted to ADB for review and NOL
 - Get NOL from ADB on 22 April for the second bidding document for the procurement of works for the construction of 500 units of biodigesters in the four targeted provinces and finalize the document and proceed to invite bids and the bidding document.
 - The second of National Competitive Bidding Procedures is failed due to the submission of the companies for biodigester construction are not meet the requirement of selection while the deadline of submission the bidding on 26 July 2022.
 - The research, development, pilot and use of the biodigester construction is in the progress of construction and will result in the next quarter.

Table II.4: Progress of Implementation for the Biodigesters construction period from July-September 2022

No	Activities	Province	Unit	Annual Target for bidding	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
1	Biodigester Construction for target in 2020	TAK	Biodigester	125	0	1
2		KPT	Biodigester	125	0	1
3		KPC	Biodigester	125	0	1
4		TBK	Biodigester	125	0	0
Total				500	0	3

Sub-target 1.5.3: Identification of potential beneficiaries for the Compost Hut program

55. In the AWPB 2022 the project planned to identify additional new eligible clients of 655 clients across the 4 target provinces. During the reporting period, the main achievements as the following:

- Identification of new additional eligible and interested farmers for compost hut construction through activities such as field coaching and mention of promotion and marketing with a small group or village meeting.
- Other activities in the sector are contributing disseminate and awareness-raising information about the benefits of the compost hut program.
- 655 new clients of compost hut were identified during the reporting period.
- Get NOL from ADB on 22 April for the second bidding document for the procurement of works for the construction of 250 units of compost hut in the four targeted provinces and finalize the document and proceed to invite bids and the bidding document.
- The second of National Competitive Bidding Procedures is failed due to the submission of the companies for compost hut construction are not meet the requirement of selection while the deadline of submission the bidding on 26 July 2022.

Table II.5: Summary of beneficiaries for Compost Huts identified by July-September 2022

N	Activities	Province names	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
1	# of new clients identified for the Compost hut program	TAK	Person	57	69	506
2		KPT	Person	58	221	301
3		KPC	Person	56	159	186
4		TBK	Person	55	206	319
Total				226	655	1.312

56. From the total accumulated amount of 851 compost huts over the 3 AWPB such as the AWP 2020 had a total of 250 compost huts and the AWP 2021 an additional 375, while the AWP 2022 has an additional target of 226 compost huts. A total of 1,903 potential beneficiaries have been identified the clients for validating and selection as shown in table below:

Table II.6: Summary of beneficiaries identified for compost huts from September 2020-September 2022

N	Activities	Province Names	Unit	Target 2020-2022	Actual Progress in Sep 2020 to 2021	Cumulative Progress from 2020 to Sep 2022
1	# of new clients identified for the Compost hut program	TAK	Person	213	193	699
2		KPT	Person	213	156	457
3		KPC	Person	212	105	291
4		TBK	Person	213	137	456
Total				851	591	1,903

Sub-target 1.5.4: Installation of 6,000 Compost Huts

57. In the AWPB 2022 the project planned to identify and construction an additional 226 compost huts, on top of the 375 compost huts carried from 2021, and 250 compost huts carried from 2020. During the reporting period, the main result of achievement as the following:
- No compost hut construction activities started yet, due to failed of procurement
 - First bidding was failed, so the construction of 250 compost hut delayed
 - Get NOL from ADB on 22 April for the second bidding document for the procurement of works for the construction of 250 units of compost huts in the four targeted provinces and finalize the document and proceed to issue the invitation for bids and the bidding document.
 - The second of National Competitive Bidding Procedures is failed due to the submission

of the companies in biodigester and compost hut construction are not meet the requirement of selection. The MAFF-PMU and IA-GDAH will suggest the changing of procurement procedure because of a large number of farmers have changed their minds because they have been waiting a too long time for the construction of biodigester and compost hut, most of them used the contributed budget for other purposes.

- The research, development, pilot and use of the compost huts construction is in the progress of construction and will result in the next quarter.

Table II.7: Summary of compost hut construction by July-September 2022

N	Activities	Province names	Unit	Annual Target for bidding	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
1	Compost hut Construction for target in 2020	TAK	Compost hut	63	0	1
2		KPT	Compost hut	62	0	1
3		KPC	Compost hut	63	0	1
4		TBK	Compost hut	62	0	1
	Total			250	0	3

Sub-target 1.5.5: Capacity Building of Beneficiaries

58. The project aims to reach about 20,000 people by strengthening the capacity of the biodigester and compost hut program related to promotion & marketing, monitoring & evaluation; and innovation & Value chain improvement. AWPB 2022, anticipated that plan 4,000 persons strengthened capacity as mentioned above topics.
59. During the quarterly reporting period, a total of 5,676 persons of which 95 persons are females received a series of training and other capacity strengthening as the following:
- Training and capacity building 389 persons. These activities such as Refresher training of extension workers for biodigester and bio-slurry 13 courses, National workshops on biodigester and composting dissemination of information 2 workshops, Training on composting and its application to farmers and the agriculture community 7 course and Internal exchange visit on-site on site learning and field practices to EWs, key farmers, potential farmers 4 courses.
 - Promotion and marketing 4,869 persons of which 2,464 are females. The sub-activities in this part are conducted 160 small group meetings for extension & seeking interested clients, conducted coordination and monitoring meeting with relevant stakeholders 4 meetings, and conducted 13 courses of field coaching and mention on promotion and marketing.
 - Monitoring and evaluation of 324 persons with 71 are females. These activities include provincial monthly Progress meetings 13 meetings, national coordination meetings 2 meetings, conducted field mentoring & coaching and M&E by PPIU and GDAH/PMU with 2 events and conducted training on data entry and database management for biodigester and compost hut 2 courses.
 - Innovation and value chain improvement 94 persons of which 40 are females. These activities such as support input for integrated farming demonstrations by applying adaptation techniques and the use of bio-slurry compost on the crop experiments 9 places and conducted National dissemination/reflection workshops on biodigester and compost hut 2 workshops.
 - Cumulative by September (July-September 2022), a total of persons received the capacity building of 14,276 persons.

Table II.8: The summary result of R&D and capacity building by July-September 2022

N	Activities	Unit	Annual Target 2022	Actual Progress in July-Sep 2022	Cumulative Progress as of Sep 2022
1	Training and capacity building	Person	1,000	389	992
2	Promotion and marketing	Person	1,000	4,869	12,416
3	Monitoring and evaluation	Person	1,000	324	611
4	Innovation & VC Improvement	Person	1,000	94	257
Total			4,000	5,676	14,276

II.2. Output 2: Climate Smart Agriculture and Agribusiness Promoted

Activity 2.a: Deployment of climate-resilient varieties

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

60. The project supports the Cambodia to develop, release and distribute to the farmers 3 new climate resilient varieties (2 rice and 1 maize) including seed production and multiplication. It is planned that this will be a direct contract to IRRI in cooperation with CARDI and a third party for the distribution. The program to be implemented by CARDI is large scale training on farmer-seed production and seed multiplication of climate resilient for each target crop varieties in target provinces and distribution of quality seed to farmers for conducting on farm-demonstration. Moreover, the project assist CARDI to develop a commercialization program with recommendation on the legal framework to develop intellectual property rights and partial cost recovery for the institution. During the reporting period, main result of achievement as the following:

- The CS03 contract between the PMU and IRRI/CARDI was still not signed
- Awaiting this contract signing CARDI has done the following activities in this and previous reporting periods:
 - Advancing rice generation (04): During July-September reported in 2022, the advancing rice generation was 2 populations in WS started on 12/08/22 to be transplanted on 2/09/22
 - Seed increase promising line (02 SI): During September reported, 1 activity in WS started on 12/08/22 to be transplanted on 2/09/22
 - Training of farmers group on best management practice (BMP) of rice, cassava, and maize production and Training of farmer groups on rice seed production techniques and follow up (RSPT&FU)
 - During July -September reported, progress in month(Sept):BMP-Rice=3,BMP-Cassava=3 and BMP-Maize=10 and progress Jan- Sept is BMP-Rice=20, BMP-Cassava=10 and BMP-Maize=10 with total participants 1300/female 665 Breeder and Foundation rice seed: During September reported, CARDI, started on 02/08/22 and transplanted on 23/08/22 Foundation seed OPV maize: During this Semester 1 reported, CARDI is to be harvested in late September.

Sub-target 2.a.2: Conducting on-field rice seed production demonstration

61. AWPB 2022, in cooperation of CARDI and PPIUs, the project planned 90 key farmers for seed production demonstration (climate-resilient variety) across target province. During the reporting, all key farmer for rice seed demonstration in target provinces are starting to land preparing, sowing, transplanting, and tillering across target province as stated in table 10a. During the reporting period (July-September), main result of achievement of key farmer selection for rice

seed production demonstration for wet season as the following:

- Total location of demonstration in 4 target provinces were 47villages, 37 communes and 18 districts
- Total key farmers selected were 90/47 females
- Total seeds suggestion was 55 PRD, 26 PMD and 9 CAR-16
- Total number of seeds delivery to key demonstration farmers were 795kg of PRD, 390kg of PMD and 165kg of CAR-16
- Total number of sowing of rice seed demonstration 90/90 demos
- Total number of transplanting of rice seed demonstration 90/90 demos

Table II.9: Summary data of rice seeds demo farms progress from July-September 2022

N	Location of Demo				# of Key of Famer	Areas (m2)	Seed suggestion			# of Seed (Foundation seed)		
	Province	# of district	# of Commune	# of Village			PRM	PMD	CAR-16	PRM (kg)	PMD (Kg)	CAR-16(Kg)
1	Ta Keo	7	13	16	24/8f	120,000	10	9	5	150	35	75
2	Kam Pot	4	7	10	23/11f	115,000	17	5	1	255	75	15
3	Kampong Cham	4	8	10	21/16f	105,000	16	3	2	240	45	30
4	Tboung Khmum	3	9	11	22/12f	110,000	12	9	1	150	135	45
Total		18	37	47	90/47f	450,000	55	26	9	795	390	165

62. AWPB2022, the project planned to conduct on-farm rice seed production demonstration for 90 plots with approximately of 45 hectares (average size of each plot is 0.5 hectare) across target provinces as stated in table10b. During the reporting period (July-September), main achievement as the following:

- Total plots for rice seed demonstration were 28.51ha=90 demos
- Total number of seeds sowing in the fields were 90 sowing (that 55 PRD, 26 PMD and 9 CAR-16 in nurseries plots)
- Total number of transplanting were 90demos that 55 PRD, 26 PMD and 9 CAR-16

Table II.10: Summary data of activities progressed of demo farms from July-September 2022.

N	Province	Areas (ha)	Seed sowing				Transplanting			
			PRM	PMD	CAR-16	Total	PRM	PMD	CAR-16	Total
1	Ta Keo	12	10	9	5	24	10	9	5	24
2	Kam Pot	11.5	17	5	1	23	17	5	1	23
3	Kampong Cham	10.5	16	3	2	21	16	3	2	21
4	Tboung Khmum	11	12	9	1	22	12	9	1	22
Total		45	55	26	9	90	55	26	9	90

Sub-target 2.a.3: Conducting on-field cassava seed production demonstration

63. AWPB 2022, the project in cooperation with Department of Industrial Crop/GDA and PPIUs in kampong Cham and Tboung Khmum provinces planned 30 cassava seed production demonstration in Kampong Cham and Tboung Khmum province to assess quality planting material for further cassava production at those areas.

64. Three cassava planting materials used for this demonstration (i) Rayon-9, (ii) 81, (iii) Hauy Bong-60. During the reporting, the demonstration plots was harvested as stated in table 11 bellow:
- Total location of Cassava seed demonstration in 2 target provinces were 15villages, 11 communes and 7 districts
 - Total key farmers selected were 30/17 females
 - Total number of cassava varieties for demonstration and planting were 30 demos that 26 of variety81, 01 of variety Rayon-9 and 3 variety of Hauybong-60.
 - Total number batch of cassava delivery that PPIUs get from high land crop conservation at Bos Khnor Centre provided to key demonstration farmers were 9000 batch of variety81, 300 batch of variety Rayon-9 and 900 batch of variety Hauybong-60
65. The AWPB 2022 includes the activity to identify 45 maize demonstration plots (average 22.5 hectare) across target provinces to conduct seed on farm maize seed production demonstration. During the reporting period, main achievement as the following:
- Total location of maize seed demonstration in 4 target provinces were 23 villages, 14 communes and 8 districts
 - Total key farmers selected were 45/17 females
 - Total maize varieties for demonstration were 45 of varietyCHM-01(from Banteay Dek)
 - Total maize planting were 25 demos/45demos of varietyCHM-01(from Banteay Dek) only

Sub-target 2.a.4: Laser Land levelling of 4,000 hectares and demonstration through procurement

66. The project, in collaboration with institutions such as IRRI, Agriculture Engineering and Machinery, will support laser land levelling up to 4,000 ha (approximately 1,000 ha per province) to improve water use efficiency and enhance crop yields in selected climate resilient irrigation and water management systems supported by the project 1. The laser land levelling, including an orientation on basic tractor operation and laser leveling equipment troubleshooting, will also serve as a training exercise for potential service providers.
67. The AWPB 2022 includes the activity to conduct laser land levelling in a total of 500hectares of paddy field across target provinces. The paddy fields will be selected from irrigation schemes were supported by the project and where FWUCs has been established. During the reporting period, main result of achievement as the following: (Same as before, no progress)
- Identified 07 new irrigation scheme for possibility of laser land levelling in project area that 2 schemes in Ta Keo, 2 schemes in Kampot, 2schemes in Tboung Khmom and 01 scheme in Kampong Cham province.
 - Package 1, in previous time identification of 418.58 hectares of landholding assessed and mapping. Tender documents being preparing by CS1 and in consultation with CS2 and procurement unit of PMU.

Table II.11: Summary progress of paddy selection for land leveling by July-September 2022

N	Activities	Province names	Unit	Annual Target 2022	Actual progress in Sept 2022	Cumulative progress by Jan-Sept 2022	Total households	Total women
1	Identification land for laser leveling	TAK	ha	125	0	125.89	935	397
2		KPT	ha	125	0	67.99	467	260
3		KCM	ha	125	0	166.40	730	258
4		TBK	ha	125	0	58.30	646	302
Total			ha	500	0	418.58	2,778	1,227

68. For the first 8 subprojects for Laser land leveling for 400 Ha, the bidding document have been drafted by CS01 and submitted to PMU procurement officer on the 24 th Aug 2022 for further action.

Activity 2.b: Strengthening capacity in climate friendly production and technologies

69. This activity, the project will support the deployment of a farmer-oriented training program reaching to at least 40,000 farmers (16,000 women) trained on (i) CSA and business development skills, (ii) 50% of 40,000 farmers trained on SRP; (iii) 20% of 40,000 farmers trained on farm mechanization and agricultural conservation; and (iv) 500 mango farm's owners trained on CamGAP standard and compliant for exportation, and 500 FWUCs/FWUGs representatives trained on O&M on their irrigation schemes and on irrigation service fee management.

Sub-target 2.b.1: Training of 20,000 farmers in Climate-Smart Agriculture (CSA)

70. AWPB 2022, total of 6 refresher ToT trainings and 2 field monitoring for technical support or backstopping of GDA on training of farmers on SRP and CSA. There were 2 ToT refresher training such as refresher training of trainers (ToT) on CSA for provincial trainers, refresher training of trainers on SRP for provincial trainers and 2 field monitoring on technical support or backstopping of GDA on training of farmers on SRP and CSA were conducted during the reporting period that responsible and organize by GDA. During the reporting, main result of achievement as the following:
- Prepared work plan for refresher TOT training program with IA-GDA.
 - Prepared concept note and budget breakdown for TOT training program.
 - Must of training of farmers activities was conducted by 4 PPIUs in the target provinces.

Table II.12: Summary of TOT Training and technical backstopping of IA-GDA in July-September 2022

N	Activities	Province names	Unit	Ann. Target 2022	Actual Progress in Jul-Sep 2022	Cumulative by Sep 2022
1	Refresher ToT on CSA	4 PPIUs	Person	16	26	26
2	Refresher ToT on SRP	4 PPIUs	Person	16	22	22
3	Refresher ToT on CamGAP	4 PPIUs	Person	16		18
4	Refresher ToT on Agri - machinery O&M	4 PPIUs	Person	16		22
5	TOT on ACs bookkeeping	4 PPIUs	Person	16		22
6	TOT for Contract farming	4 PPIUs	Person	16	21	21
7	Technical support or backstopping of GDA on training of farmers on SRP and CSA	4 PPIUs	Person	800	930	930
Total				896	999	1,061

Training to farmers

71. AWPB 2022, a total of 80 training farmers (Kampot-20; Takeo-20; Tboung Khmum-20; Kampong Cham-20) on climate smart agriculture (CSA). The trainings required to be conducted at the community level with 30 trainees and 1,500 US dollars per training. The training course was mainly centered on CSA with certified seed of the rice, maize and cassava. During the reporting, main result of achievement as the following:
- PPIUs prepared training materials and work plan for farmer training.
 - PPIUs prepared the concept note and budget breakdown for training activities.
 - The training of farmer activities was conducted by 4 PPIUs in the target provinces.

Table II.13: Summary of farmers trained in CSA by July-September 2022

N	Activities	Province names	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative by Sep 2022
1	Training of farmer on CSA for rice, cassava and maize	TAK	Person	1,020	480	1,080
2		KPT	Person	1,680	1,200	2,160
3		KCM	Person	1,170	990	2,130
4		TBK	Person	630	1,254	2,334
Total				4,500	3,924	7,704

Sub-target 2.b.2: Training of 20,000 farmers in agribusiness skills (ABS)

72. AWPB 2022, the project planned 160 training courses for Training of ACs boards on ACs business development in target provinces. The training focused on (1) Leadership and management, (2) business plan and entrepreneurship, (3) Simple bookkeeping and accounting, (4) Annual report writing, (5) basic principle of ACs marketing; and (6) contract farming that led and implemented by PPIUs with participant at least 25 persons, costed of 1,500 US dollars per training. The training allocated to each target provinces such as: Kampot-40, Takeo-40, Tboung Khmum-40, and Kampong Cham-40 trainings courses. During reporting period, main result of achievement as the following:

- PPIUs prepared training materials and work plan for farmer training.
- PPIUs prepared the concept note and budget breakdown for training activities.
- The training of farmer activities was conducted by 4 PPIUs in the target provinces.

Table II.14: Summary of farmers trained in business development skills by July-September 2022

N	Activities	Province names	Unit	Ann. Target 2022	Actual Progress in Jul-Sep 2022	Cumulative by Sep 2022
1	Training of ACs board on management & agribusiness	TAK	Person	550	0	200
2		KPT	Person	550	50	500
3		KCM	Person	550	200	1,000
4		TBK	Person	550	450	450
Total				2,200	700	2,150

Sub-target 2.b.3: Training of Output of 20,000 farmers in Sustainable Rice Platform (SRP)

73. AWPB 2022, the project planned total of 75 training courses for farmers on Sustainable Rice Platform (SRP). The training allocated to each target province as the following: Kampot-20; Takeo-15; Tboung Khmum-25, and Kampong Cham-15 trainings courses. The trainings required to be conducted at the community level with at least 30 farmers/trainees per course with costed of 1,500 US dollars per training cycle. The training allocated to each target provinces such as: Kampot-20, Takeo-15, Tboung Khmum-25, and Kampong Cham-15 trainings courses. The courses focus on the rice cultivation in complying with affordable SRP performance indicator. During the reporting period, main result of achievement as the following:

- PPIUs prepared training materials and work plan for farmer training.
- PPIUs prepared the concept note and budget breakdown for training activities.
- The training of farmer activities was conducted by 4 PPIUs in the target provinces.

Table II.15: Summary of farmers trained on sustainable rice platform by July-September 2022

N	Activities	Province names	Unit	Ann. Target 2022	Actual Progress in Jul-Sep 2022	Cumulative by Sep 2022
1	Training of farmer on SRP for rice, cassava and maize cultivation	KPT	Person	600	1,740	3,480
2		TAK	Person	450	270	990
3		TBK	Person	750	900	1,620
4		KCM	Person	450	1,569	2,529
Total				2,250	4,479	8,619

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

74. AWPB 2022, the project planned 10 training courses for mango farmers on CamGAP compliant; and allocated each province such as Kampot-2, Takeo-3, Tboung Khmum-3, and Kampong Cham-2 courses. The training course was done with only any farmer growing mango under target of Agriculture Cooperatives (ACs) or community of CFAVC project. These trainings led by the PPIUs with participant at least 25 farmers, costed of 1500 US dollars per training. During the report, main result of achievement as the following:

- PPIUs prepared training materials and work plan for farmer training.
- PPIUs prepared the concept note and budget breakdown for training activities.
- The training was conducted 4 courses in Kampot with 100 participants in which 58 are female.

Table II.16: Summary of farmers trained in CamGAP for Mango by July - Sep 2022

N	Activities	Province names	Unit	Ann. Target 2022	Actual Progress in Jul-Sep 2022	Cumulative by Sep 2022
1	Training of farmers on CamGAP compliant for Mango	KPT	Person	50	100	100
2		TAK	Person	75	0	0
3		TBK	Person	75	0	0
4		KCM	Person	50	0	0
Total				250	100	100

Sub-target 2.b.5: Training on farm mechanization and agriculture conservation

75. The AWPB 2022, the project planned 96 training courses to target AC and farmer group on use of agriculture machinery including O&M. The training focus on topic: (1) Storage unit operation, (2) Laser land levelling, (3) O&M of agricultural machinery, (4) Agricultural production conservation system, and (5) post-harvest technology. The training allocated to each target: Kampot (24 courses), Takeo (24 courses), Tboung Khmum (24 courses), and Kampong Cham (24 courses). The training led and implemented by PPIUs with participant at least 25 farmers, costed of 1,500 US dollars per training. During the report, main result of achievement as the following:

- PPIUs prepared training materials and work plan for farmer training.
- PPIUs prepared the concept note and budget breakdown for training activities.
- The training of farmer activities was conducted by 4 PPIUs in the target provinces.

Table II.17: Summary of farmers trained in farm mechanization by July-September 2022

N	Activities	Province names	Unit	Ann. Target 2022	Actual Progress in Jul-Sep 2022	Cumulative by Sep 2022
1	Training farmer groups of farm mechanization agriculture conservation	KPT	Person	600	50	200
2		TAK	Person	600	50	100
3		TBK	Person	600	50	150
4		KCM	Person	600	350	400
Total				2,400	500	850

Activity 2.c: Establishment of 27 FWUCs, FWUGs made full operation and 500 FWUCs/FWUGs equipped with capacity on operation and maintenance their irrigation scheme

76. Under this activity for all 27 irrigation schemes which are rehabilitated and made climate resilient FWUCs will be established and at least 500 FWUC/FWUG representatives will have been trained to be able to operate and manage their irrigation schemes. The implementation of this program is similar to the implementation of the irrigation scheme program, or AWP 2022 (it should be in 2020) 9 schemes, AWP 2021 8 schemes and AWP 2022 10 schemes.

Sub-target 2.c.1: Establish 27 FWUCs and made full operation

77. So far activities still focus on the 27 schemes from AWP 2020-2021, and AWP 2022. During the reporting period the following activities were implemented:

- Field study to Pou Tasuy reservoir in Kampeng communes, Kirivong district, Takeo province to check the rice fields for Laser Land Levelling;
- Discussed with village chiefs and commune councils for areas and households listing;
- Detailed cost for Sdok Sab, Ta Oum, Prolay No. 42, and Prolay No. 94 irrigation schemes;
- Discussed with village chiefs and commune councils for areas and households listing;
- Train to Tbong Damrei FWUC and Kampong Raing FWUG representatives on roles, duties, and right;
- Elected the 4 subgroups for Tbong Damrei irrigation scheme;
- Elected the 2 subgroups for Kampong Raing irrigation scheme;
- Set up 6 FWUCs and 4 FWUGs work plan for FWUCs and FWUGs establishment;
- Reviewed the detailed costs for FWUCs and FWUGs establishment;
- Meeting with Prey Rumdeng local authorities and beneficiaries in Prey Rumdeng commune, Kirivong district, Takeo province consisted of 51 participants of whom 20 were women;
- Discussed with PDOWRAM on FWUC establishment;
- Official announcement to register the FWUCs of 5 Kompheak and O'Kamprok FWUCs consisted of 171 participants of whom 62 were women (5 Kompheak consisted of 98 participants of whom 35 were women, and O'Kamprok consisted of 73 participants of whom 27 were women);

Table II.18: Summary of FWUCs establishment and made operational by July-September 2022

N	Scheme	Province	AWP	Cumulative Progress By September 2022	Explanation If any
1	Trapeang Run	Kampot	2020	100%	Completed all steps
2	Takoch			100%	Completed all steps
3	Toul Pring	Tbong Khnum		100%	Completed all steps
4	Ta Kem			100%	Completed all steps

N	Scheme	Province	AWP	Cumulative Progress By September 2022	Explanation If any
5	Trapeang Tros			100%	Completed all steps
6	Tboung Damrei			50%	Completed step 3
7	Kampong Raing			50%	Completed step 3
8	Trapeang Beung	Kampot	2021	88%	Completed step 7
9	Kandorl			88%	Completed step 7
10	5 Kompheak	Kampong Cham		100%	Completed all steps
11	O'Kamprok			100%	Completed all steps
12	Pou Tatress			88%	Completed step 7
13	Prey Kdouch	Takeo		88%	Completed step 7
14	Kraing Ampil			88%	Completed step 7
15	Plov Touk			100%	Completed all steps
16	Kwaeng Tayee			100%	Completed all steps
17	Prey Rumdeng			40%	Completed step 1
18	Bravoek Pong	Kampot	2022	Already studied	- Already designed; - Detailed costs for these 10 FWUCs and FWUGs estimated and will submit to PMU-ADB MOWRAM project director for approval.
19	Choam Taheung	Tbong Khmum			
20	Trapeang Ampil				
21	Teuk Chhar West	Kampong Cham			
22	Teuk Chhar East				
23	Sdok Sab	Takeo			
24	Ta Oum				
25	Prolay No. 42				
26	Prolay No. 94				
27	Pou Tasuy				

Sub-target 2.c.2: 500 FWUC developed capacity to O&M their irrigation systems

78. The sub-target deeper focus on capacity development for at least 500 FWUCs/FWUGs representatives on O&M to their irrigation systems and irrigation service contributions management. During the reporting, main result of achievement as the following:

Table II.19: Summary of 500 FWUC representatives trained to O&M their irrigation systems

N	Activities	Province names	Unit	Annual Target 2022	Actual Progress Jul-Sep 2022	Cumulative Progress By Sep 2022	Explanation If any
1	Administrative tasks	TAK	Person	117	107	144	There are 144 trainees of whom 35 were women;
2		KPT	Person	142	151	151	There are 151 trainees of whom 40 were women;
3		KCM	Person	105	65	110	There are 110 trainees of whom 30 were women;
4		TBK	Person	66	0	0	Will start in August
5	Communication skills	KPT	Person	121	149	149	There are 149 trainees of whom 39 were women;
6	Financial management/ book keeping	KCM	Person	67	89	89	There are 89 trainees of whom 22 were women;

Total	Person	618	561	643	
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Activity 2.d: Rehabilitation of 4 PADCs

79. For the 3 PADCs of AWP 2022 the 3 contract PADC training building with contract value of \$282,431.93 with physical construction progress 100% completed.
80. For the last PADC in Kampot province, the bid preparation not yet done due to the subproject not in the approved procurement plan. The PMU needs to updated procurement plan and request ADB NOL prior to bidding process).

Activity 2.e: Rehabilitation of 4 Agricultural Workshops

81. For the 3 Mechanization Workshops of AWP 2020 the physical works with a contract value of \$186,530.61 the physical construction progress is 100% completed
82. For the fourth subproject for MEW Takeo, the bid preparation not yet done due to the subproject not in the approved procurement plan.

II.3. Output 3: Enabling Environment for Climate Smart Agri-business enhanced

83. Under this output, the project will invest in the creation of an enabling policy and regulatory environment for agribusiness; the identification of opportunities for private sector engagement in climate change mitigation and adaptation and the provision of an improved climate information service to allow farmers to plan their cropping season. This output is supported by three main activities (i) formulating climate friendly agribusiness policy and standards (ii) promoting green finance and risk sharing mechanisms; and (iii) supporting climate risk management through information and communication technologies (ICT) that is not under CS2 contract. This will direct report by CS4 package whenever CS4 recruited.

Activity 3.1: Formulating climate friendly agribusiness policy and standards

84. The DMF targets for this activity are “3a. Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework focusing on agribusinesses formulated”, “3b. CAMGAP for tropical fruit and organic fertilizers endorsed as national standard for tropical fruit and organic fertilizers”; “3c. 50 staff, including 30% women, from financial institutions trained in CSA and green finance”; “3d. 30 agribusiness, including 30% women-led and or owned, trained on green finance and CSA”; “3e. 20,000 households, including 20,000 women, provided with information on climate risk sharing instrument”; 3f. ICT platform for climate friendly agribusiness established in Kampong Cham province”.
85. During the reporting period, the team worked with Department of Planning and Statistic (DoPS) and the Department of Agro-Industry (DoAI) to review existing relevant policy documents; and reviewed the proposed TOR for a policy study as follows;

Sub Target 3.a.1: Gender Responsiveness Agribusiness Policy for target commodities, including a PPP framework focusing on agribusiness formulated

86. CS2 have been liaising with the DoPS and the DoAI. These departments of MAFF have not yet decided if the CFAVC project should support the development of separate policies for individual commodities or an overall policy framework for Agribusinesses building on the existing Industrial Development Policy 2015 to 2025. If MAFF wishes for support on individual commodity policies, CFAVC will work on suggesting improvements to the existing Rice and Cassava policies and on developing policies for Mango and Maize. The TOR that has been proposed for the Policy Study assume that CFAVC will assist MAFF to develop individual commodity policies. The TOR will need to be changed if MAFF wishes support for an overall agribusiness.

Table II.20: Summary progress of GR Agribusiness Policy formulation by July-September 2022

N	Activities	Institutions	Unit	Anu. Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
	TOR draft	DPS	TOR	1	0	0.25

Sub-target 3.a.2: PPP framework development

Table II.21: Summary progress of PPP-framework by July-September 2022

N	Activities	Institution	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
1	Draft of PPP framework	DPS	Framework	0.2	0	0
2	Draft ToR for FS for Mango	DPS	ToR	0.10	0.05	0.05
3	Draft TOR for FS on Maize	DPS	ToR	0.10	0.05	0.05
Total				0.4	0.1	0.1

Additional, crop centric forum between producer groups and private partnership

87. During the reporting period, 2 crop centric forum on Rice and Cassava and other 4 Legal farming contract signing consultation forum on Cassava, Rice, Maize contract farming organize and conducted as the following:
- July-September developed and finalized the Producer Group Establishing Guideline with IA-GDA.
 - July-September cooperated with PPIU and IA-GDA identified 25 potential Agriculture Cooperatives of four target provinces for year 2023 implementing. Total of 544 participants, were 36 women of 22 potential ACs during a meeting period.

Target 3.b CAMGAP for tropical fruit and organic fertilizers endorsed as national standard for tropical fruit and organic fertilizers

88. The expected results of the sub-target by 2024 will be as follows: (i) CSA policy drafted and reviewed by MOC and MAFF and jointly endorsed by both ministries; (ii) Guidance manuals for climate neutrality and adaptation standards for agribusiness operations developed; (iii) Climate-friendly SRP becomes more widely utilized with eight of the largest Cambodia millers/exporters being part of the Alliance; (iv) CAMGAP for tropical fruit standard drafted and becomes a Cambodia Standard with Cambodia standard mark; and (v) Standards developed for organic fertilizers, (vi) IDP strategies for climate friendly agribusiness developed.

Sub-target: 3.b.1: Drafted Climate Smart Agriculture Policy

89. The Project will support MAFF to develop a Climate Smart Agriculture Policy based on experience of promoting CSA during Project implementation. This will necessarily be completed in the final years of the Project. Again, care needs to be taken to find out if any work on this has already been done by other donors (USAID, World Bank, FAO, IFAD, France and others) so as not to re-invent the wheel. During the reporting, main result of achievement as the following:

Table II.22: Summary progress of CSA Policy Development by July-September 2022

N	Activities	Institutions	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
	Draft ToR	DPS	ToR	1	0	0
	Draft policy	DPS	Policy	0.5	0	0

Sub-target 3.b.2: Developed Guidance Manuals for Climate Neutrality and Adaptation Standards for Agribusiness Operations

90. The Project will support MAFF to develop guidance manuals for Climate Neutrality and Adaption Standards for Agribusiness based on experience of promoting CSA during the Project implementation. This will necessarily be completed in the final years of the Project.

Table II.23: Summary progress of Guidance Manuals and Adaption Standards by July-September 2022

N	Activities	Institutions	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
	Draft Guidance Manuals	DPS	Manual	1	0	0

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

91. A CamGAP for mango has already been developed. CFAVC will use CamGAP during training of mango farmers. The national consultant GAP for tropical fruit working with GDA to determine which key tropical fruits with export potential now require CamGAP development. In addition, work on this sub-target has been delayed by the failure to mobilize a National GAP for Tropical Fruit Specialist (NGAP), who would take primary responsibility. The national consultant GAP for tropical fruit mobilized during February 2022. During the reporting, main result of achievement as the following:

- Prepared work plan for working with involved department.
- Review existing and relevant documents with GDA focal person.
- Meeting and discussion with Staff of Plant Protection and Phytosanitary drafting activities to review related to GAP standard and guideline on Mango.
- Reviewed relevant existing document on GAP standard and practical guideline in harmonize with ASEAN GAP standard.

Table II.24: Summary progress of Development of CamGAP for Tropical Fruit by July-September 2022

N	Activities	Institutions	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress by Sep 2022
	CamGAP for tropical fruit	GDA	Standard	1	0	0

Sub-target 3.b.4: Drafted Standards on Biofertilizer and Organic fertilizer

92. To ensure the high quality of commercial products for biofertilizer and organic fertilizer on the market appropriately tested through the quality criteria provided while ensuring that farmers obtain only certified products and as well as aid the industry in the manufacture of quality of biofertilizer and organic fertilizer. These standards will also promote the safe use of biofertilizer and organic fertilizer through production chains and promote fair trade. During the reporting period, main result of achievement as the following:
- Review reliable reference the law of the management of pesticide and fertilizer (2012) and existing relevant regulation under the law as well as international standard for biofertilizer and organic fertilizer.
 - Review reliable refence from different courses and compile to develop a draft of national biofertilizer, Organic fertilizer and Development of Standard Operation Procedure (SOP) for quality testing of organic fertilizer and biofertilizer in Cambodia.
 - Submitted drafted national biofertilizer specification for Cambodia to NAL’s Director and Team Leader of GDA for further review, verify and commenting
 - Reviewed existing technical working group (TWG) of GDA to provide internal consultation discussion on the draft of national biofertilizer specification for Cambodia.

Table II.25: Summary standard of Biofertilizer development by July-September 2022

N	Activities	Institution	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress by Sep 2022
	National standards of biofertilizer	GDA	Standard	1	0	0.50
	Development of Standard Operation Procedure (SOP) for quality testing of biofertilizer.	GDA	Standard	1	0	0.25
	National Standard of Organic fertilizer	GDA	Standard	1	0	0.25
	Development of Standard Operation Procedure (SOP) for quality testing of organic fertilizer	GDA	Standard	1	0	0.25

Sub-target 3.b.6: Development of IDP Strategies for climate friendly agribusiness

93. Driven by its long-term vision toward 2030, particularly as expressed in the “**Rectangular Strategy – Phase III**”, the Royal Government of Cambodia (RGC) has prepared and adopted this “**Industrial Development Policy**” as a guide to promote the country's industrial development that will help maintain sustainable and inclusive high economic growth through economic diversification, strengthening competitiveness and promoting productivity.
94. CFAVC will integrated the activities to existing IDP and link with Agro-Industrial Development Strategies for 2019-2030 (AIDS) based on Project implementation experience. During the reporting, result of achievement as the following:

Table II.26: Summary progress of Development of IDP Strategies by July-September 2022

N	Activities	Institutions	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
	National IDP strategy	DPS	Strategy	1	0	1

Sub-target 3.b.7: National Policy and Standards on Biodigester Development

95. The International Biodigester Standards Specialist (IBD) developed a review and recommendations on the Farmer's Friend biodigester during his first input in 2019. These are sufficient to start a consultation process on a national standard. GDAH is interested in a single national standard for all biodigesters. This will be hard to achieve because the biodigesters marketed by the Private Sector operate in very different ways to the Farmer's Friend. A single national standard will either be ineffective to maintain standards or too strict to allow registration of different types of biodigesters. Supports from the project, GDAH working with existing technical working group on national policy and standards on biodigester development in Cambodia. During the reporting, result of achievement as the following:

- Supported GDAH to drafted national policy on biodigester development in Cambodia and submitted to the Minister of MAFF for endorsement.
- Supported GDAH to conducted consultative meeting and dissemination workshop with relevant stakeholders on national policy for biodigester development in Cambodia.
- Drafting National standard (norm) on biodigester development in Cambodia.

Table II.27: Summary progress of national policy and standards by July-September 2022

N	Activities	Institutions	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
	National standard of biodigester development	GDAH	Standard	1	0	0.30
	National Policy on biodigester development	GDAH	Policy	1	0	1

Activity 3.2: Promoting green finance and risk sharing mechanism

96. The DMF targets for this activity are "3c. 50 staff, including 30% women, from financial institutions trained in CSA and green finance", "3d. 30 agribusinesses, including 30% women-led and/or owned, trained on green finance and CSA," and "3e. 20,000 households, including 20,000 women, provided with information on climate risk sharing instruments." Furthermore, targets are defined in the PAM or have been requested by MAFF. In particular the requirement to undertake feasibility studies for eight PPP projects as a mechanism to reduce producer risk. During the reporting period, main achievement as the following:

Target 3.c: 50 staff from finance institution trained in CSA and Green finance

97. The green finance specialists will undertake a financial landscape report and key stakeholder analysis to determine the current status of green finance provision in Cambodia and consultation with stakeholders to develop a training program for financial institution staff. During the reporting,

result of achievement as the following:

- The Green Finance Landscape report drafted and consulting with PMU and international green financing specialist, planned to organize validation workshop by November 2022.
- Two set of questionnaires have been developed for bilateral interviews and for online survey to assess the training needs of the Association Bank of Cambodia bank members as green finance suppliers and agribusinesses and cooperatives as end users of the green finance.
- National Green Financing Specialist were conducted data collection from Key stakeholder including Association Bank of Cambodia (ABC) Amrith, ACLEDA, FTB, ABA and Micro Finance Institute, Ministry of Environment, Mekong Strategy Partner and PPIU at two provinces Kampong Cham and Tbong Khmum province, resulting from the access, the Green Financing Land Scene Report are drafted and reviewing by International Green Financing Specialist. Furthermore, the exposal visit of the PMU, Bank and MFI will fulfil gap in the report to national consultation which will take place in Q4.
- The training need assessment on Green Financing was conducted with 25 Banks to define their understanding and capacity needed and recommendation to strengthen the Green Financing in Cambodia, Resulting of TNA, the priority training topics will be developed and provide capacity building the banks and MFI at national and sub-national level on the accessing the green financing.
- The Green Financing Technical Working Group (GFTWG) was formulated by NDA/Ministry of Environment and participated by technical line ministries which was facilitated by Mekong Strategic Partner funded by Green Climate Fund (GCF). The main objective of the GFTWG was to provide political and technical support to formulate the Green Finance Facility in Cambodia to access GCF resources under the private sector facility window. The proposal was finalized and, in the process of getting the no-objection letter from NDA.

Table II.28: Summary progress of staff trained in CSA and GF by July - Sept 2022

N	Activities	Province	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
	Staff trained in CSA and Green Finance	TAK	People	13	0	0
		KPT	People	13	0	0
		KPC	People	12	6	6
		TBK	people	12	6	6
Total				50	12	12

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

98. The green finance specialists will undertake a landscape and key stakeholder analysis to determine the current status of green finance provision in Cambodia and then in consultation with stakeholders (including relevant agribusinesses) develop a training program for agribusiness staff focusing on the benefits of green finance to agribusiness companies. During the reporting, result of achievement as the following:

- Training Need Assessment tools was developed and consulting within the team and will conduct the survey by early of Quarter 4, 2022.
- Capacity building plan was developed based on the assessment with PMU and PPIU. The priority training topics was priority and developing.

Table II.29: Summary progress of agribusiness trained in CSA and GF by July-September 2022

N	Activities	Province	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
1	Agribusiness training in CSA and Green Finance	TAK	People	8	12	12
2		KPT	People	8	15	15
3		KPC	People	7	22	22
4		TBK	People	7	14	14
Total				30	63	63

Target 3.e: 20,000 households provided with information on climate risk sharing

99. The green finance specialists will determine the status of climate risk sharing instruments, such as crop insurance (it is understood that simple insurance based on weather events is the most likely to succeed), and also an agricultural supply chain adaptation facility and such mechanisms as a warehouse receipt financing scheme may also be considered. Once institutions have been found to expand such mechanisms into CFAVC target provinces, information leaflets, posters and media advertising will be used to reach at least 20,000 farmers. During the reporting, result of achievement as the following:

- Reviewing existing relevant document
- Meeting with FORTE insurance to discuss on the potential partnership for Rice, cassava, mango and corn crop insurance
- Drafting training material and tool of sharing mechanism.

Table II.30: Summary of households received information on climate risk sharing implements

N	Activities	Province	Unit	Annual Target 2022	Actual Progress in Jul-Sep 2022	Cumulative Progress By Sep 2022
1		TAK		2,500	0	0
2		KPT		2,500	0	0
3		KPC		2,500	0	0
4		TBK		2,500	0	0
Total				10,000	0	0

Activity 3.3: Support climate risk management through information and communication technologies (ICT)

100. General scope of work support climate risk management through information and communication technologies (ICT) is not the responsibility of CS2 to recruit and manage the CS4 package. Once recruited, CS4 will be responsible for reporting directly on their activities.

101. During the reporting, CS4 package is still recruitment processing by PMU and ADB.

II.4. Updated Disbursement Status

102. Tables III.33 and III.34 show the updated Disbursement status as per 30 September 2022 while Annex 12 shows the disbursement for the 3 involved IAs individually. The total amount disbursed has reached 10.0 % of the total project amount of \$ 141,040,000, while progress over the AWP 2022 is 20.5 %.

Table II.31: Disbursement per Fund Source at 30 September 2022

SOURCE	Budget (Allocation)	2022 Annual Budget	Year to date Expenditures 30/Sept/22	Cumulative to date Expenditures 30/Sept/22	Overall Expenditures Rate %	
					2022	Overall
ADB loan	90,000,000	28,295,290	6,142,183	11,356,439	21.7 %	12.6 %
GCF loan	10,000,000	2,251,970	306,460	393,899	13.6%	3.9%
GCF Grant	30,000,000	5,867,760	983,023	1,746,146	16.8%	5.8%
RGC	7,376,000	396,190	154,967	586,269	39.1%	7.9%
Beneficiaries	3,664,000	260,790	-	-	0.0%	0.0%
TOTAL	141,040,000	37,072,000	7,586,634	14,082,753	6.8%	6.4%

Table II.32: Disbursement per Implementing Agency per 30 September 2022

EAs/ IAs	Budget (Allocation)	2022 Annual Budget	Year to date Expenditures 30/Sept/2022	Cumulative to date Expenditures 30/Sept/2022	Overall Expenditures Rate %	
					2022	Overall
PMU-MAFF	56,343,840	13,518,300	4,991,268	10,435,482	36.9 %	18.3%
MOWRAM	44,235,807	14,706,500	1,421,779	2,334,712	9.7%	5.2%
MRD	36,341,680	8,847,200	1,173,587	1,312,559	13.3 %	3.5%
Unassigned	4,118,673	-	-	-	0.0%	0.0%
TOTAL	141,040,000	37,072,000	7,586,634	14,082,753	6.8%	6.4%

II.5. Proposed Revision of Cost Estimate

103. During the November 2021 ADB review mission it was noted that COVID-19 has led to increases in cost of steel, cement, and fuel, with all having potential impacts on overall cost. The Mission requested the team to quantify such costs by comparing with pre-COVID-19 prices by 31 January 2022. This activity has however not been done yet.
104. The Ukraine war, which started late February 2022, has caused a worldwide inflation and increase in energy prices which has also led into an increase in construction costs for the CFACF project. The impact of these increases are as follows: a) for all tenders which took place before the start of the war with implementation to take place after the start of the war, the contractors will have difficulties to implement the works with the increased construction costs as these contracts do not have an escalation clause and b) for all contracts to be tendered after late February the construction costs will be more than foreseen in the CFACF costtab.
105. A related concern is that with the present too low levels of unit costs in particular the climate resilience aspects of all irrigation and farm roads civil works will be negatively impacted.
106. A fourth matter of concern are the relatively low TA PM allocation for the CS01, CS02 and CS05 consulting teams as agreed during the project formulation under the assumption that the 3 involved implementing agencies could and would undertake much DED themselves, which in reality has turned out to be a too optimistic assumption. As a result have these 3 CS packages already used a high percentage of their available PM compared to the general project implementation progress.

III. PROJECT PURPOSES

III.1. Likelihood of Achievement of the Project Outcome(s) and Remedial Measures

COVID-19 Impact

107. Mid-March 2020 the COVID-19 epidemic outbreak in Cambodia and it is still prolonged till late September- 2021 till reporting period, which created a serious negative impact on the implementation of the CFAVC AWPB 2021. Table IV.4 shown the mayor impacts are: a) the Government barred large events, b) Almost a period of second quarter fourth is field work restricted, and c) All international air-travel also restricted.

Table III.1 Covid related Delays in Project Implementation.

EVENTS	IMAPCTS
Mobilization of short-term experts	Delayed mobilization of short-term experts mobilized in particular for the CS02 team. 3 national experts (national laboratory coordinator and national biofertilizer production and quality testing specialist, plant tissue culture development specialist, green finance specialist, photo-voltaic specialist mobilized during first semi-annual progress report of 2021). 4 national experts (national laboratory commercialization specialist, GMO-phytotoxin analysis specialist, GAP for tropical specialist and agriculture machinery O&M training specialist mobilized in second semi-annual progress report of 2021. There is still left 1 more national specialist recruit and mobilize yet (ISO accreditation compliant specialist).
Demobilisation of Experts	International experts not allowed to enter into the country, they are all homebased working for assist to national experts working in country by their areas of expertise. This condition lead difficulties working between national and international experts
Field work	Meeting of staff with PPIU staff, including village meeting, mentoring and coaching are restricted, however for urgent matters virtual discussion by zoom and google meet.
Meeting	Meeting with project staff and other, local authorities, with for internal discussions are restricted. For urgent matters virtual meeting by Zoom are conducted.
Training	Staff and farmer trainings are restricted, however one TOT training on CSA organized by virtual training by GDA.
Workshops	Face to face workshops for national and provincial levels are restricted, however proposed topics/agenda virtual discussion by zoom and google meet

108. The CFAVC project has just been extended with another 1.5 years as it was not possible to complete the project in the original time-period of 5 years for reasons as shown in Table III.1.

Table III.2 Reasons for the 18 months extension of the CFAVC project.

Output/Sub Output	Issue	Solution
1 1.a Irrigation and 1.c Farm-roads	<ul style="list-style-type: none"> In-sufficient TA allocations for FS, in particular social screening and DED Delays due to covid travel restrictions 	<ul style="list-style-type: none"> Additional TA resources and contract extensions for CS05 and CS01
1.f renewable energy	Expected farmers contribution too high	Review of farmers contributions

Output/Sub Output		Issue	Solution
2	2.a Additional climate-resilient varieties of rice and maize released	Not enough time anymore on the project as already 3 years lost with procurement	Project Extension

III.2. Other Project Developments

Renewable Energy targets

109. The PMU and GDAHP staff expressed strong concerns on the project's ability to attain the target of 12,000 bio-digesters and 6,000 compost huts due to new developments in the project area, such as (i) the inability of beneficiaries to provide their contribution due to COVID-19 induced economic difficulties; and (ii) limited interest from smallholders to install bio-digesters and compost huts, which in turn is due to decreasing household dependence on bioenergy for cooking and lighting due to rapid expansion of grid electricity into rural areas over the past 3 years and preference of households to use electricity and liquid nitrogen gas cylinders instead of biogas. Other reasons contributing to low demand for bio-digesters include: (i) free supply of 1,500 bio-digesters, including 200 in Kampong Cham and 300 in Tboung Khmum provinces, with grant from the People's Republic of China; and (ii) declining number of livestock held by smallholder farmers due to farm mechanization and income diversification activities. During the ADB review mission the project team was instructed to strive to achieve the original project targets for bio-digesters and compost huts. If it is not feasible, the project should report the achievable target to GCF and its implications for achieving GHG targets for appropriate decision during the mid-term review mission planned for November 2022.

IV. IMPLEMENTATION ARRANGEMENTS

110. MAFF is the executing agency (EA), in close coordination with MOWRAM and MRD. The General Directorate of Agriculture (GDA), Cambodian Agricultural Research and Development Institute (CARDI), the General Directorate of Animal Health and Production (GDAHP), the General Department of Technical Affairs of MOWRAM and the General Department of Technical Affairs of MRD are implementing agencies (IAs). The Project Steering Committee (PSC), chaired by the Secretary of State, MAFF and with representatives (at the level of Under Secretary of State or above) of the MEF, MOWRAM, MRD, Ministry of Commerce (MOC), Ministry of Industry, Science, Technology and Innovation (MISTI) (formerly MIH) and Ministry of Environment (MOE), will provide oversight, coordination, and policy guidance in all aspects of project implementation, except land acquisition and resettlement which is the responsibility of the Inter-Ministerial Resettlement Committee (IRC). Staff from PDAFF, PDWRAM, and PDRD from four provinces are central to implement the project effectively.
111. The first PSC meeting was conducted on 26 November 2019 and the second meeting on 28 January 2020, and a third on 10 of March 2022.

V. CONSULTING SERVICES AND PROCUREMENT OF GOODS AND WORKS

V.1. Recruitment and Performance of Consultants

General

112. For the project support there are a total of 5 TA packages with different tasks as shown in Table VI.1. While in the initial set-up all 5 TA packages were exclusively under MAFF control, in a recent VO to the CS05 contract there are now 2 national sub-teams, one under MOWRAM for the 1.a irrigation activities and one under MRD for the 1. farm road program.

113. The main package CS01 for Project Implementation is led by Agriconsulting Europe SA (Belgium) and SBK Research and Development Co. Ltd. (Cambodia). The second package CS2 for Capacity Building and Climate Smart Agribusiness, is led by e-Gen Consultants Ltd. (Bangladesh) and SBK Research and Development Co. Ltd. (Cambodia), Okapi Environment Consulting, and International Center for Tropical Agriculture; while the FS & DD CS05 and CS5 Package led by the Resources Development Consultants (Sri Lanka) and CAM-CSTR (Cambodia) were mobilized in late 2019.

Table V.1 Consultants Service Arrangements

Consulting Services Packages		Funded	Tasks	Status as During S1 2022
CS1	Project Implementation Consultants	ADB loan	General Support to Project Implementation, Gender, Environment, Social Safeguards Screening, Review of DED and FS Procurement and Financial Management	Mobilized Late October 2019
CS2	Capacity Building and Climate Smart Agribusiness,	ADB loan	Prepare/Implement all capacity building/training, climate smart and agribusiness activities	Mobilized Mid-September 2019
CS3	Variety Development	GCF grant	Support in development of new rice and maize varieties	Being procured
CS4	Information Communication Technology Platform	GCF grant	ITC support for development of forecasts for weather and agricultural commodities	Recently awarded
CS5	Feasibility Study and Detailed Design	ADB loan	For Irrigation and Road projects prepare Feasibility Studies, including all social safeguards screening reporting, DED and tender documents	Mobilized Early November 2019 and demobilized on 01 January 2021 due to lack of remaining TA resources. The CS5 team under the MRD was remobilized on 01 July 2021, and the CS5 team under MoWRAM is under the process consultant mobilization. The PRC report of CS5 team under MRD and CS5 team under MOWRAM is under reviewing by MEF

CS01

114. The CS01 contract is with MAFF but has 3 sub-teams one in each of the 3 implementing agencies, MAFF, MOWRAM and MAFF. Due to the request of PPIU MOWRAM to frontload the available PM for the DTL position in MOWRAM, even though the CFAVC CS05 Feasibility and Design Consultant CS02 was demobilized for most of 2021, was the CS01 DTL MOWRAM expert demobilized mid June 2022 due to depletion of the original 30 PM in the contract. As at the end of reporting period also the available PM of the Senior national DTL in MAFF also had expired while the DTL for MRD resigned, has the CS01 team in this reporting period been operating only with an intermittent TL and no DTs. Annex 13.1 shows the details of the utilization of PM of the CS01 team during this reporting period.
115. In the previous reporting period the PPIU MRD introduced a new requirement that all farm road contract correspondence, including endorsement of invoices, as to be channelled via the CS01 PIC consulting services. The absence of a DTL MRD has resulted in some delays in the processing of this administration.
116. In this reporting period have PMU and the CS01 consultant JV agreed on a minor VO to use tender savings. The VO is currently under review by MEF.

CS02

117. In the original set-up of the contract does the CS02 have no Team Leader but at contract negotiations it was agreed that the person mobilized for the position of Policy International Policy & Standards (7 pm) would also fulfil Team Leader tasks. As these PM allocations are already used, it is very unfortunate that the CS02 DTL resigned on 01 May 2022 and the position has since not yet been refilled by another expert.
118. The PMU and the consultant have meanwhile agreed on a minor VO to use tender savings. The VO is currently under review by MEF. Annex 13.2 shows the details of the utilization of PM of the CS02 team during this reporting period.

CS03

119. No known developments during this reporting period.

CS04

120. As is shown in Annex 1 was the winner of this CS04 tender appointed this reporting period.

CS05

121. CS05 has issued a request for additional PM (2 International and 56 National) to compete the DED of the irrigation and farm road programs of AWP 2022. Annex 13.3 shows the details of the utilization of PM of the CS05 team during this reporting period.

V.2. Procurement Plan

122. In this reporting period the MRD procurement plan was updated and approved by the ADB and is shown in the Annex 11 on Procurement.
123. An update of the MAFF and MOWRAM sections of the procurement plan are very urgent now for the following reasons:
124. for MAFF to include the additional PADC and Agricultural workshop and increased unit-rates for many activities including land levelling
125. for MOWRAM to include the activity to recruit ITP services for the category C irrigation projects of AWP 2021 and AWP 2022;

V.3. Procurement of Good and Works and Performance of Suppliers, Manufacturers, and Contractors

126. So far both tender for the compost hut and bio-digester have failed for the following reasons:
- The very complex procurement requirements with a lack of qualified bidders, as a result of which the PMU suggested to the mission to simplify the procurement procedures. However, the Mission and MEF stressed that changing procurement method from NCB to shopping or community participation is not likely to help as management of multiple contracts with shopping and community participation is much more cumbersome than NCB given the high targets. The Mission and MEF suggested the team to revise the bidding document by revisiting qualification criteria and ensuring a wider publicity to attract more bidders. The Mission agreed with the proposal to revisit the cost estimates to include reasonable administration and overhead costs, and to expand the eligibility to include small commercial farms (with less than 100 animals per farm) in the next round of bidding.
 - The Mission also noted the need for increasing subsidy in view of COVID-19, but subsidies should not distort the bio-digester market development in the country. The Mission suggested that the issue on subsidy may be further discussed at the PSC meeting in January 2022 and with GCF in July 2022 during mid-term review mission. The Mission noted that a few development partners already expressed concern on the current levels of subsidy in the project. The Mission suggested

that future rounds of bidding should consider a wider range of bio-digesters rather than confining to farmer-friendly brick bio-digesters. The Mission also suggested to involve and support the private sector in identification of potential beneficiaries of biodigesters and compost huts.

VI. ASSESSMENT OF PROJECT PROGRESS

VI.1. Physical Progress

127. Towards the end of the third quarter of 2022 the CFAVC achieved 33.69 % physical progress. In the MEF format the progress is a little higher at 34.95 %. This progress figure is relative progress compared to the DMF weight and as such should not be mis-interpreted as % progress per activity. Table IV.1 compares financial with physical progress.
128. The highest progress is achieved with the implementation of Outputs 1 and 2 at 34.16 % each, followed by Output 2 at 33.37 % with Output 3 at 31 %.
129. The highest progress has been achieved by MAFF with 38.75 %, followed by MRD at 36.13 % and trailed by MOWRAM at 24.03 %. The slow progress of MOWRAM is caused by the slow processing of the social safeguard program of the predominantly category C irrigation.

Table VI.1: Comparison Physical and Financial Progress per Agency per 30 September 2022

EAs/ IAs	Budget (Allocation)	2022 Annual Budget	Progress Rate %	
			Physical	Financial
PMU-MAFF	56,343,840	13,518,300	38.75 %	18.3%
MOWRAM	44,235,807	14,706,500	24.03%	5.2%
MRD	36,341,680	8,847,200	36.13 %	3.5%
TOTAL	141,040,000	37,072,000	33.69 %	6.4%

VII. ASSESSMENT OF THE VALIDITY OF KEY ASSUMPTIONS AND RISKS

130. The key assumptions and risks remain valid with the addition of Covid-19.

VIII. SAFEGUARDS AND GENDER PROGRESS AND COMPLIANCE

131. Since March 2022 the ADB has been organizing virtual safeguard clinic to improve the effectiveness of the safeguard screening process of the CFAVC project.

VIII.1. Social safeguard document preparation and submission status

VIII.2. General

132. Progress with the screening of the social safeguard is very much behind schedule as shown in detail in Annex 8 for the following 3 reasons:
- manpower shortages in the 2 CS packages CS 05 and CS01
 - manpower shortages at GDR for category B subprojects
 - for category C progress the need to recruit Independent Third Party Verificactors for LAnd donation (ITP) which were originally not budgeted in the costtab an also not in the AWP 2022.

VIII.3. MAFF Program

133. Reference is made to Annex 8.

VIII.4. Irrigation Program

134. Reference is made to Annex 8. It is very important that in AWP 2023 MOWRAM brings up funds for the recruitment of these ITPs, which are not yet included in the draft AWP 2023 as shown in Annex 16.

VIII.5. Farm Road Program

135. Reference is made to Annex 8

VIII.6. Environmental safeguard IEE preparation and submission status

Progresses with the IEE preparation are as following:

- The Semi-annual Environmental safeguard monitoring report for January-June 2022 (SEMR#4) was finalized and sent to ADB for reviewing and commenting, and then received the first comments from ADB.
- Conduct the reviewing existing data for revising the Semi-annual Environmental safeguard monitoring report for January-June 2022 (SEMR#4) based on comment of ADB.

MAFF:

- Conduct the Environmental Monitoring for the 26 subprojects under MAFF including AC warehouses 20 units, training buildings for PDAC 3 units and mechanization workshops 3 units in Tboung Khmum province dated on 11-14 April and 13-17 June 2022.
- Conduct the environmental screening dated 25 – 29 July and 08 – 12 August for the AC warehouse Bath II and III in four target provinces, Takeo, Kampot, Tboung Khmum and Kampong Cham.
- Participate in the monthly meeting on progress report with PMU-MAFF, CS1 and CS2 teams

Irrigation Program

- Conducting the final environmental inspection to Prey Kdouch irrigation subprojects dated on 25- 29 July in Tboung Khmum province 2022.
- Conduct the environmental monitoring dated 05 – 09 September 2022 to Kbal Teuk, Toul Pring and Trapeang Tros irrigation subprojects in Tboung Khmum province
- Provided guidance to the environmental specialist CS5 on the drafting of consolidated IEE for irrigation subprojects for Bath III.
- Participate in the monthly progress meeting with PMU-MOWRAM, CS1 team and CS5 team

Farm Road Program

The activities progress as of reporting period for the Environmental safeguard under the MRD were:

- Conducting the environmental monitoring and training on the environmental mitigation measure on the road subprojects province dated 25 - 29 July 2022 in Tboung Khmum, dated 08 – 12 August 2022 in Takeo,
- Conduct the reviewing on environmental assessment on the feasibility study report for road subprojects Bath III
- Conduct the reviewing CEMP for road subprojects package CW17c-CFAVC-MRD-TBK5-2020 and CW17c-CFAVC-MRD-TBK6-2020 in Tboung Khmum, package CW17d-CFAVC-MRD-KC7-2020 and CW17d-CFAVC-MRD-KC8-2020 in Kampong Cham province and package CW17a-CFAVC-MRD-KP1-2020 and CW17a-CFAVC-MRD-KP1-2020 in Kampot province
- Conduct the meeting with commune authorities (Chres, Srae Chaeng, Chhum Po Vaon and Kraing Snay) in Takeo province

- Participate in the monthly progress meeting with PMU-MRD, CS1 team and CS5 team

1. Public Consultations

136. In this reporting period there have been no public consultations on Project Consultation, Participation, and Information Disclosure (under task of CS5).

2. EMP Implementation During QR 3 2022

137. Progress and Status of EMP Implementation this reporting period, as is shown in Table VIII.2 are:

- Irrigation subproject package No. CFAVC-MOWRAM-TBK-CW13-1
- Irrigation subproject package No. CFAVC-MOWRAM-TEO-CW15-1
- Rural Road subproject package 1: CW17b-CFAVC-MRD-TK3-2020 and CW17b- CFAVC-MRD-TK4-2020 (Lumpong Kasikam Samaky and Sdok Sdom) in Takeo province
- Rural road subproject package N2: CW17c-CFAVC-MRD-TBK5-2020 and CW17c-CFAVC-MRD-TBK6-2020 (Dambae Runroeung and Kdey Songkhuem Kaksekor) in Tboung Khmum province, CW17d-CFAVC-MRD-KC7-2020 and CW17d-CFAVC-MRD-KC8-2020 in Kampong Cham province and package CW17a-CFAVC-MRD-KP1-2020 and CW17a-CFAVC-MRD-KP1-2020 in Kampot province
- There are 26 subprojects under MAFF (20 ACs, 3 MEWs and 3 PADCs), and screening AC for Bath II and Bath III.

Table VIII.1: EMP Implementation for Irrigation subproject implementation During QR 3 2022

EMP Requirement	Compliance Status			Remarks/ Reasons for Non/Partly Compliance	Issues for Further Actions
	Yes	No	Partly		
Dust from works and material transportation	√				
Human waste/waste water (construction and camp sites)			√	The construction waste was kept in improperly (on the Embankment and without proper storage and location)	Instructed to correct it in the proper way and in accordance with EMP statement. In response to this instruction, the contractor agreed to improve the human wastewater management.
Traffic accident traffic jam due to equipment transportation	√				
Soil Erosion	√				
Worker safety, health and COVID 19 prevention			√	The first aid was installed within the construction site and worker camp, but for the COVID 19 risk management and prevention was still not installed yet	There recommended that the COVID 19 risk management and prevention should be install in the construction site and worker camps in according with the EMP statement. In response to this instruction, the contractor agreed to improve the COVID 19 risk management and prevention by designing the COVID sign boards and stick it within

EMP Requirement	Compliance Status			Remarks/ Reasons for Non/Partly Compliance	Issues for Further Actions
	Yes	No	Partly		
					construction and camp sites.
Sludge disposal	√				
Surface water quality	√				
Ground water quality		√		The testing of ground water quality in the construction site was not conducted yet, even though it should be kept as a baseline	Instructed to correct it in the proper way and in accordance with EMP statement. In response to this instruction, the contractor agreed to do the testing for ground water within and nearby the subproject construction
Solid waste			√	The construction waste was kept in improperly places on the Embankment and without properly storage and location	Instructed to correct it in the properly way and in accordance with EMP statement. In response to this instruction, the contractor agreed to improve the solid waste management by depositing at a proper place and adding more solid waste bins.
Transmitted diseases	√				
EHS (for community and occupation)	√				
Pollution from fuels and black oil			√	The fuel storage is not proper: some of fuel is still leaking and the storage bin is too small.	Instructed to improve the fuel storage and in large size storage location. In response to this instruction, the contractor agreed to improve the storage fuel and black oil and enlarge the concrete flooring

VIII.7. GRM Implementation Status

138. The CFAVC project uses the existing complaint mechanisms through the local administration village chief, commune chief in Trapeang Run and as well for all subprojects.
139. There are two types of GRM, one team is for Category B established by GDR and was already established in 4 targeted provinces chaired by each provincial governor and for each PPIU assigned as member.
140. Another team of GRM is for Category C subprojects, not involved to GDR, this was actually established by subproject classified as category C. such as Trapeang Run irrigation subproject, Toul Pring and Kbal Tuek irrigation subprojects, and other two road subprojects (Phlov Lek 122, Khlong Tvea Wat Totea) - Phlov Tonle Bati and Wat Ang Andaet-Rumchek- Kraing Ampil).
141. Both category B and Category C GRM were also included in the 2021 annual monitoring report (Jan to Dec 2021) which has been submitted to the ADB.

VIII.8. Gender Action Plan Implementation

142. The consultants met with H.E Hor Malin on 22nd September 2022, to discuss progress on the project pertaining to Gender. These meetings are a great opportunity to inform H. E. on issues,

problems, successes etc. The meeting takes place twice annually, while the last meeting took place in December 2021, the next one is set for January 2023,

143. The national consultant undertook the following missions/field visits: From 25th-29th July, GAP monitoring and follow-up on road construction (MRD) in Takeo Tboung Khmum province, followed by a final inspection on the GAP implement. From 8th to 12th, missions to Takeo and Kampot took place focusing on orientation to AC members, including instructions on selection and identification of projects for Gender Mainstreaming. In September the expert went to Kampong Cham and Tboung Khmum from 5th September – 9th September, to conduct field work with AC members, as well as GAP implementation modalities. Another similar mission took place from 27 September – 30th September, in which the consultant met with communes to introduce Gender sensitivities for road subprojects.
144. The national consultant reviewed the social and gender impact assessment for MOWRAM and MRD subprojects in the four provinces.

IX. COMPLIANCE WITH COVENANTS DURING THE THIRD SEMESTER OF 2022

145. The implementation of the CFAVC project is guided by 4 covenants as follows
 - a) *Policy Loan Covenants*. The Project complied with all Sector / Policy Covenants
 - b) *Financial Covenants*. The project has been complying with the financial Covenants
 - c) *Safeguard Covenants*. The project has been complying with the Safeguards Covenants
 - d) *Other Covenants* The project has been complying with the few other covenants mentioned in the loan and grant agreements

X. FINANCIAL MANAGEMENT ACTION PLAN

146. 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.

XI. MAJOR PROJECT ISSUES AND PROBLEMS

147. The Ukraine war, which started late February 2022, has caused a worldwide inflation and increase in energy prices which has also led into an increase in construction costs for the CFACF project. The impact of these increases are as follows: a) for all tenders which took place before the start of the war with implementation to take place after the start of the war, the contractors will have difficulties to implement the works with the increased construction costs as these contracts do not have an escalation clause and b) for all contracts to be tendered after late February the construction costs will be more than foreseen in the CFAVC costtab.
148. An update of the MAFF and MOWRAM sections of the procurement plan are very urgent now for the following reasons:
149. for MAFF to include the additional PADDC and Agricultural workshop and increased unit-rates for many activities including land levelling
150. for MOWRAM to include the activity to recruit ITP services for the category C irrigation projects of AWP 2021 and AWP 2022;
151. The remaining low speed of the social safeguard screening of all civil works programs (farm-road, irrigation and the MAFF Civil work program) remains to slow down the implementation speed of the CFAVC project enormously, with as result that the irrigation and road programs are still working on the AWP 2020 and AWP 2021 subprojects. The main causes for this are: 1) insufficient TA resources 2) insufficient resources for social safeguard primary data and 3) long time of processing and payment of land compensation by GDR.

152. The extremely lengthy process of procurement process of the CS03 consultant is still ongoing and is seriously delaying the implementation of some activities of Output 23.
153. The low TA PM allocations for packages CS01, CS02 and CS05, which have resulted in nearly all positions being intermittent are another reason for the slow implementation of the CFAVC project, also because of the relatively high staff-turnover
154. The long period it has taken to process the contract variations for the additional services for CS01 and CS02.

XII. ADB REVIEW MISSION NOVEMBER 2021

155. In the period 22 – 29 November a virtual ADB review mission was conducted. Table XIV.1 below shows the progress with the implementation of the Action Plan of this MOU.

Table XII.1: Progress Implementation Action Plan MoU December ADB review mission

ACTION	DUE DATE	RESPONSIBLE	STATUS 30 Sept 22
Processing of the request for extension of the project completion date by 18 months to 31 March 2026 (i) Letter from MAFF to MEF (ii) MEF to ADB (iii) ADB to MEF	30 November 2021 31 December 2021 15 January 2022	PMU, MEF and ADB	<ul style="list-style-type: none"> • letter sent • Letter sent • ADB NOL to Loan closing date extension till 31st March 2026
Organization of Project Steering Committee meeting	31 January 2022	PMU	Steering committee meeting conducted on February 10, 2022
Approval of 2022 work plan and budget	15 February 2022	PMU, MEF	MEF approval 13 April 2022
RGC Decision on IA for ponds and drip irrigation	31 January 2022	MEF	MEF decision on 13 April 2022
Analysis of needs for additional consultant inputs and associated budgets	15 January 2022	CS1, CS2 and CS5	Done for CS01 and CS02 but requests for additional PM allocations still being processed at PMU
Irrigation and water management infrastructure <ul style="list-style-type: none"> • Master list of the first and second batch of irrigation subprojects with climate resilience measures and detailed schedule • Completion of topographic surveys, feasibility studies, for the second batch of 10 irrigation subprojects • Confirmation of the final batch of irrigation subprojects 	15 January 2022 31 March 2022 31 May 2022 30 June 2022	CS1, CS5, and MOWRAM	- Done in QR2-22 - Achieved - Achieved

ACTION	DUE DATE	RESPONSIBLE	STATUS 30 Sept 22
<ul style="list-style-type: none"> • DED (including safeguards screening) and approvals • Contract signing for the completed schemes • Preparation of O&M plan for Trapeang Run Irrigation subproject completed • Impact assessment for Trapeang Run Irrigation subproject completed 	<p>30 September 2022</p> <p>30 December 2021</p> <p>28 February 2022</p>		<ul style="list-style-type: none"> - Achieved - In progress - First draft submitted late 2021 - Completed late December 2021
<p>Agricultural Cooperatives infrastructure</p> <ul style="list-style-type: none"> • Invitation for bids for second batch of 35 agriculture cooperatives including solar energy issued • Master list of the first batch of agricultural cooperatives with climate actions and detailed schedule completed • Invitation for bids for final batch of 25 agriculture cooperatives including solar energy issued 	<p>31 January 2022</p> <p>31 January 2022</p> <p>15 March 2022</p> <p>30 April 2022</p> <p>30 September 2022</p>	<p>CS2, MAFF</p>	<ul style="list-style-type: none"> - Bid opening for the 35 ACs was done on the 1 April 2022 first package with 21 ACs, and on the 27 June 2022 for the second package with 14 ACs - Achieved - 12 ACs out of the 25 have been identified. The other 13ACs being progressed - Being complied <ul style="list-style-type: none"> 12 ACs completed 13 ACs being identified - Master list completed in July 2022 - Not yet due date <ul style="list-style-type: none"> Bidding docs for the first package with 12 ACs being finalized at PMU MAFF. - Divided into 2 packages of procurement <ul style="list-style-type: none"> 1st package with 12 ACs bidding docs is ready. 2nd package with 13 ACs is being progressed.

ACTION	DUE DATE	RESPONSIBLE	STATUS 30 Sept 22
<p>Rural connectivity infrastructure</p> <ul style="list-style-type: none"> Completed compensation payment for CW17b for Takeo province Construction of the first batch of 8 farm road subprojects completed Invitation for bids for the second batch of 20 rural road subprojects issued Quantification of COVID-19 impact on costing of farm road subprojects 	<p>31 December 2021</p> <p>30 September 2022</p> <p>28 February 2022</p> <p>31 January 2022</p>	<p>CS1, CS5, GDR and MRD</p>	<ul style="list-style-type: none"> Achieved (Compensation was done on the 8-10 Dec 2021) In progress MRD subproject In Takeo with 26.737 Km was advertised 27th Sept 22 First draft submitted late 2021
<p>Laboratory infrastructure</p> <ul style="list-style-type: none"> Finalization of draft national standard for biofertilizer production and quality testing and manual on plant tissue culture Bidding documents for laboratory renovation, net house construction, and laboratory equipment submitted to ADB along with a status paper on laboratory renovation needs Status Paper on laboratory renovation Invitation for bids for laboratory renovation, net house, and laboratory equipment issued 	<p>31 January 2022</p> <p>31 December 2021</p> <p>31 December 2021</p> <p>1 February 2022</p>	<p>CS2, GDA</p>	<ul style="list-style-type: none"> Done (Construction is in progressed) Done (Construction is in progressed). Net-house contract awarded 16th June 22; construction being progressed.
<p>Renewable energy infrastructure</p> <p>Revised bidding document for first batch of biodigesters and compost huts submitted to ADB</p>	<p>31 December 2021</p>	<p>CS2, GDAHP</p>	<ul style="list-style-type: none"> ADB provided NOL to rebid on the 22 April 22 Bid opening for the second time was done on the 28 Jul 2022. BER is in progress
<p>Climate-resilient varieties</p> <ul style="list-style-type: none"> Terms of reference for CS3 Package – Variety Development Consulting Firm improved 	<p>31 December 2021</p>	<p>CS2 and CARDI</p>	<ul style="list-style-type: none"> Achieved

ACTION	DUE DATE	RESPONSIBLE	STATUS 30 Sept 22
<ul style="list-style-type: none"> Request for proposal for CS3 Package issued Policy brief to help CARDI's commercialization program developed 	<p>1 February 2022</p> <p>30 April 2022</p>		<ul style="list-style-type: none"> - Achieved - Delayed due to lack of related CS02 experts
<p>Capacity Building</p> <ul style="list-style-type: none"> Adoption of ASEAN CSA guidelines for target crops Revised master plan on capacity building for CSA, GAP and SRP 100 mango farmers (at least 30 women) trained on compliance with CAMGAP for tropical fruit 	<p>31 May 2022</p> <p>15 January 2022</p> <p>30 June 2022</p>	CS2, GDA PDAFF	<ul style="list-style-type: none"> - Ongoing - Achieved - Ongoing
<ul style="list-style-type: none"> Detailed training plan for FWUCs 	31 January 2022	CS2, MOWRAM	<ul style="list-style-type: none"> - Achieved - Completed (2 training courses in May-22 and other 2 courses in Jul 2022)
<p>Farm mechanization and extension</p> <p>Completion of solar system designs for PADCs and FMWs</p> <p>Training program on farm mechanization prepared</p>	<p>30 April 2022</p> <p>31 March 2022</p>	CS2, GDA	<ul style="list-style-type: none"> - Delayed as the involved CS)2 expert not yet mobilized - Achieved
<p>Agribusiness policy and standards</p> <p>Approach to commercialization of SRP standards completed</p>	31 August 2022	CS2	In progress
<p>Climate finance and PPP</p> <ul style="list-style-type: none"> - Crop-centric PPP platforms and Inter-ministerial committee on PPP on target crops established - Training program on green finance and CSA to financial institutions prepared 	<p>30 June 2022</p> <p>31 January 2022</p>	CS2, PMU and GDA	<ul style="list-style-type: none"> - CS2 expert resigned, the new replacement just mobilized in early July 22 - Achieved
<p>ICT for climate risk management</p> <p>Request for proposals to ICT firms issued</p>	15 December 2021	PMU	Financial proposal opening on the 12 th Sept 2022 being evaluated.
<p>Procurement</p> <p>Updated procurement plan reviewed by the</p>	3 December 2021	CS1 and PMU	

ACTION	DUE DATE	RESPONSIBLE	STATUS 30 Sept 22
procurement review committed together with the 2022 annual work plan and budget and the revised contract awards and disbursement projections			ADB provide NOL to last update on the 5 th Aug 2022
Safeguards <ul style="list-style-type: none"> Project-specific safeguards clinic organized Semi-annual social and environmental safeguards monitoring report for July to December 2021 	28 February 2022	CS1, CS5, PMUs and ADB	- Done on the 1-3 rd Mar 2022
	15 January 2022	PMU, CS1, and CS5	- Uploaded to ADB website Dec 2021 (Jan-June and Jul to Dec 2021 for both social and environmental safeguards - Jan to June 2022 submitted to ADB on 15 th Jul 2022 for initial review.
Action	Due by	Responsible	Para
Gender Action Plan <ul style="list-style-type: none"> EA endorsement of updated GAP Preparation of a plan to engage Gender and Children Working Group and Women Farmers' Network in the project activities Desk review of gender analysis of target value chains and proposal for the scope of the detailed study Integrate GAP activities and targets into the PPMS Improve the quality of GAP progress table and data consistency 2022 Annual work plan for GAP implementation 	31 December 2021	PMU and CS1	Completed 13 Dec 2021
	28 February 2022	CS1	Gender training budget approved and fund transfer were made available on 7 th Oct 22
	31 March 2022	CS1	Being implemented (MEF approval of the AWP22 on 13 April 2022).
	30 April 2022	CS1 and PMU	- In progress
	31 May 2022	CS1	- In progress
	31 December 2021	CS1 and PMU	Being progressed pending fund transfer
Submission of APFS for 2021	30 June 2022	PMU	
Updated PPMS	15 January 2022	CS1	Achieved
Mid-term review mission	July 2022 moved to Nov 22	ADB and PMU	Now planned for 30 November 2022



ANNEX 1: Important Correspondence July - September 2022



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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by



To:	Dr. Sam Chhom Sangha Project Director and Deputy Secretary General Ministry of Agriculture, Forestry and Fisheries Phnom Penh, Cambodia	Date:	5 September 2022
Originator:	 Srinivasan Ancha Principal Climate Change Specialist, SEER	Endorsed by:	 Aliya Mukhamedyarova Unit Head, Project Administration, SEER

Subject: Loan 3661/8346 and G0579 CAM: Climate-Friendly Agribusiness Value Chains Sector Project – Submission 2 for the Recruitment of Information and Communication Technology (ICT) Platform for Climate Risk Management in Agribusiness Value Chains in Kampong Cham Province Consulting Service Package No. 4 (CS4)

Dear Dr. Sangha:

This refers to the Submission 2: – *Evaluation of Technical Proposals for the* for the recruitment of the Information and Communication Technology (ICT) Platform for Climate Risk Management in Agribusiness Value Chains in Kampong Cham Province (Package CS4). We have reviewed and we have no objection to the results of the evaluation as shown below:

SN	Name of Consulting Firm	Country of Incorporation	Type of Association	Technical Proposal Score
1	Ernst & Young LLP	India	Lead	844
2	CAB International	United Kingdom	Lead	Did not submit proposal
3	Resources Development Consultants Ltd.	Sri Lanka	Lead	885
	Cambodia-CSTR, Co, Ltd	Cambodia	in association	
	Genesiis Software (Pvt) Ltd	Sri Lanka	in joint venture	
4	RMSI Private Limited	India	Lead	877
5	AGT S.P.A.	Italy	Lead	879
	TANCONS (Cambodia) Co., Ltd	Cambodia	in association	
	NAREE International Limited	Hong Kong	in joint venture	
6	Detecon Asia-Pacific Ltd. AFC Agriculture and Finance Consultants GmbH	Thailand Germany	Lead in joint venture	846 (Proposal validity expired on 10 Aug 2022)

Please proceed with the public opening of financial proposals. Financial proposal of entity(ies) that did not meet the minimum qualifying score must be returned unopened. Please also consult with the Ministry of Posts and Telecommunications (MPTC), as necessary, during evaluation of the financial proposals.

Sincerely,



Jiangfeng Zhang
Director
Environment, Natural Resources and Agriculture Division
Southeast Asia Department



Attachments: 1. Signed Submission 2 – updated with ADB's Response
2. Consultation with ADB's Digital Technology Staff

cc:

H.E. Vongsey Vissoth, Minister attached to the Prime Minister and Permanent Secretary of State, Ministry of Economy and Finance (MEF)
H.E. Hem Vandy, Secretary of State, Ministry of Economy and Finance (MEF)
H.E. Pen Thirong, Under Secretary of State, MEF
H.E. Chhuon Samrith, Director General, General Department of International Cooperation and Debt Management (GDICDM), MEF
H.E. Chann Sinath, Secretary of State and Project Director, MOWRAM
Dr. Sam Chhom Sangha, Deputy Secretary General and Project Director, MAFF
Mr. Yi Sokthearith, Deputy Director General, MEF
Mr. Houll Bonnaroth, Director, Department of Multilateral Cooperation, GDICDM, MEF
Mr. Non Wattanak, Deputy Director, Department of Multilateral Cooperation, GDICDM, MEF
Ms. Veng Youim, Deputy Director, Office of Multilateral Cooperation 1, DMC, GDICDM, MEF
Mr. Chan Sopanhavorn, Chief, OMC1, DMC, GDICDM, MEF
Ms. Ieng Sreyleap, Deputy Chief, OMC 1, DMC, GDICDM, MEF (ieng.sreyleapi2@gmail.com)
Mr. Ouch Kithya, Assistant to Director Bonnaroth, MEF (kithyaouch@gmail.com)
Mr. Willem J. van Diest, Team Leader, CS1 Project Implementation Consulting firm (vandiest@hotmail.com)
Mr. Dinesh Shrestha, Team Leader, CS5 Feasibility Study and Detailed Engineering Design firm (dksrasik@yahoo.com)
Ms. Jyotsana Varma, Country Director, CARM
P. Long, ADB-Cambodia Resident Mission

Ref: Doc log no. 48409-002_104
SA/kc



To:	Dr. Sam Chhom Sangha Project Director, CFAVC Deputy Secretary General Ministry of Agriculture, Forestry and Fisheries Phnom Penh, Cambodia	Date:	5 August 2022
Originator:	 Srinivasan Ancha Principal Climate Change Specialist, SEER	Endorsed by:	 Aliya Mukhamedyarova Unit Head, Project Administration, SEER

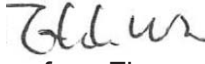
Subject: Loan 3661/8346 and G0579 CAM: Climate-Friendly Agribusiness Value Chains Sector Project – Updated Procurement Plan

Dear Dr. Sangha:

Following the request of the Ministry of Rural Development to consolidate their procurement packages to reduce time spent on bidding process (Attachment 1), attached is the approved updated procurement plan (Attachment 2). The same can also be accessed from ADB's project website <https://www.adb.org/projects/48409-002/main>.

Your continuous support is greatly appreciated.

Sincerely,


For
Jiangfeng Zhang
Director
Environment, Natural Resources and Agriculture Division
Southeast Asia Department

Attachments: 1. Request letter from the Ministry of Rural Development
2. Updated procurement plan dated 4 August 2022

cc: H.E. Vongsey Vissoth, Minister attached to the Prime Minister and Permanent Secretary of State, Ministry of Economy and Finance (MEF)
H.E. Hem Vanndy, Secretary of State, Ministry of Economy and Finance (MEF)
H.E. Pen Thirong, Under Secretary of State, MEF
H.E. Chhuon Samrith, Director General, General Department of International Cooperation and Debt Management (GDICDM), MEF

H.E. Chann Sinath, Secretary of State and Project Director, MOWRAM
Dr. Sam Chhom Sangha Project Director, CFAVC, Deputy Secretary General Ministry of
Agriculture, Forestry and Fisheries
Mr. Yi Sokthearith, Deputy Director General, GDICDM, MEF
Mr. Houl Bonnaroth, Director, Department of Multilateral Cooperation, GDICDM, MEF
Mr. Non Wattanak, Deputy Director, Department of Multilateral Cooperation, GDICDM, MEF
Ms. Veng Youim, Deputy Director, DMC, GDICDM, MEF
Mr. Chan Sopanhavorn, Chief, OMC1, DMC, GDICDM, MEF
Ms. Leng Sreyleap, Deputy Chief, OMC 1, DMC, GDICDM, MEF
Mr. Willem J. van Diest, Team Leader, CFAVCSP, CS1
Ms. Jyotsana Varma, Country Director, CARM
Mr. P. Long, ADB-Cambodia Resident Mission

Ref: *Doc log no. 48409-002_102*



KINGDOM OF CAMBODIA
NATION RELIGION KING

Ministry of Rural Development
Project Implementation Unit-CFAVC, MRD
No. 038. CFAVC/MRD

Phnom Penh: 12. May, 2022

Mr. Jiangfeng Zhang
Director
Environment, Natural Resources and Agriculture
Division Southeast Asia Department,
Asian Development Bank, ADB
6 ADB Avenue, Mandaluyong City 1550 Metro Manila,
Philippines.
Tel + 632 632 4444

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

Subject : Request for Approval on the Updated Procurement Plan.

Dear Mr. Jiangfeng Zhang,

Based on the results of the Project Steering Committee meeting dated 07th February 2022, acknowledging the inconsistency between the number of packages in the Current Procurement Plan (version 3) and the Detailed Engineering Design (DED), therefore, the Project Steering Committee has expressed the support on the Revised Procurement Plan for rural roads sub projects of the Ministry of Rural Development (MRD).

In the Current Procurement Plan (Version 3), the packages are divided into small 36 packages for rural road-sub projects, and they are identified to have a burden on time consuming to the project staffs and consultants to manage and facilitate procurement process, contract management, and inspection the works. The combining packages are revised from 36 to 13 packages. This revision will benefit a lot to the project such as saving time on procurement process, contract management as well as the execution of the inspection.


The updated procurement plan is revised as follow:

- (a). The packages of rural roads sub projects were categorized by the provinces and combined packages into Batch 2 (2021 plan) and Batch 3 (2022 plan), each package contains Lot1, or Lot2. Whereas, the total budget of each lot will not be exceeding the threshold of US\$ 3 million; the procurement method will be kept as National Competitive Bidding (NCB).
- (b). The total road length in the revised procurement plan is 251.97 km, comparing with original plan indicated in PAM (at least 250 km). There were also some modifications have been made to "Package Number", from "CW17a-CFAVC-MRD-KP-01-2021 or -2022" to "CW17a-CFAVC-MRD-KP-01A-Batch 2 or -Batch 3" respectively.

We have enclosed herewith documents for your kind review and approval.

Please, **Mr. Jiangfeng Zhang**, accept the assurance of our high consideration.

Sincerely yours,


Dr. CHAN Darong,
Secretary of state
Project Director
Ministry of Rural Development

CC: H.E. Chhuon Samrith, Director General, GDICDM, MEF
Mr. Yi Sokhearith, Deputy Director General, GDICDM, MEF

Dr. Sam Chhom Sangha, Deputy Secretary General, Project Director of PMU-CFAVC, MAFF
Mr. Ing Vanna, Project Manager of CFAVC, MRD
Mr. Long Piseth, Senior Project Officer, ADS CARM
Dr. Srinivasan Ancha, Principal Climate Change Specialist, SEER, Team Leader, ADB
Mr. Willem Van Diest, Team Leader of CSI/PIC of CFAVC
Mr. Dinesh Kumar Shrestha, Team Leader of CSS/FSDD of FAVC





ANNEX 2: Physical Progress July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

**THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER**

Prepared by

CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS MEF FORMAT

Status : September 2022

ACTIVITY/Implementing Agency	Assigned Weight	WEIGHT PROGRESS (%)														
		As of 15/01/21	As of 15/04/2021	As of 15/07/2021	As of 15/10/2021	As of 15/12/2021	As of 15/01/2022	As of 15/02/2022	As of 15/03/2022	As of 15/04/2022	As of 15/05/2022	As of 15/06/2022	As of 15/07/2022	As of 15/08/2022	As of 15/09/2022	
1	Establish project PMU & PRC	0.50%	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
2	Recruitment of Consultants	0.50%	0.60	0.65	0.65	0.65	0.65	0.65	0.65	0.70	0.70	0.70	0.70	0.70	0.70	0.75
3	PMU Operation	4.00%	1.10	1.34	1.58	1.82	1.90	2.00	2.06	2.12	2.18	2.24	2.30	2.36	2.42	2.48
4	Social Safeguards and Resettlement	2.00%	0.10	0.13	0.16	0.19	0.20	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.36
5	Environmental Management	2.00%	0.10	0.13	0.16	0.19	0.20	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.36
6	Gender	1.00%	0.05	0.07	0.08	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18
7	Implementation of Output 1 - MAFF	27.00%	2.01	3.20	3.85	6.71	6.57	7.40	7.76	8.49	8.17	8.18	8.30	9.69	10.69	10.90
8	Implementation of Output 1 - MOWRAM	13.50%	1.09	1.20	1.43	1.66	1.91	2.07	2.23	2.48	2.70	2.93	3.17	3.42	3.79	3.89
9	Implementation of Output 1 - MRD	13.50%	1.11	1.74	2.02	2.79	2.91	3.00	3.11	3.28	4.00	4.29	4.47	4.67	4.81	4.88
10	Implementation of Output - Unassigned	4.50%	0.16	0.07	0.04	0.04	0.05	0.09	0.09	0.10	0.12	0.14	0.16	0.17	0.18	0.32
11	Implementation of Output 2 - MAFF	12.60%	1.02	2.19	2.65	3.27	3.63	4.22	4.40	4.45	4.49	4.92	5.27	5.58	5.38	5.49
12	Implementation of Output 2 - MOWRAM	5.40%	0.23	0.33	0.36	0.43	0.44	0.24	0.45	0.45	0.46	0.47	0.48	0.52	0.58	0.66
13	Implementation of Output 3 - MAFF	13.50%	1.91	2.33	2.74	3.32	3.59	3.64	3.72	3.77	3.78	3.79	3.80	4.13	4.18	4.18
	TOTAL (%)	100.00%	9.98	13.87	16.21	21.67	22.66	24.34	25.52	26.94	27.75	26.62	29.88	32.54	34.09	34.95

CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS

IE PROGRESS

Status : September 2022

Output and Activities		Assigned weight	WEIGHTED PROGRESS (%)														
			1/21	4/21	7/21	10/21	11/21	12/21	1/22	2/22	3/22	4/22	5/22	6/22	7/22	8/22	9/22
Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient																	
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15.00	1.21	1.34	1.59	1.85	1.99	2.12	2.30	2.47	2.76	3.00	3.25	3.52	3.80	4.21	4.32
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5.00	0.17	0.08	0.04	0.04	0.02	0.05	0.10	0.10	0.11	0.13	0.16	0.18	0.18	0.20	0.36
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15.00	1.24	1.93	2.24	3.10	3.16	3.24	3.34	3.46	3.65	4.45	4.77	4.96	5.19	5.35	5.42
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15.00	1.09	1.88	2.16	4.88	4.97	4.23	4.57	4.86	5.68	5.48	5.48	5.61	5.83	5.96	6.19
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	5.00	0.75	1.02	1.21	1.41	1.46	1.57	2.03	2.13	2.13	1.97	1.98	1.99	3.24	4.25	4.25
1.f1	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	5.00	0.20	0.34	0.49	0.67	0.72	0.84	0.80	0.80	0.80	0.80	0.80	0.80	0.83	0.83	0.83
1.f2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5.00	0.19	0.32	0.42	0.51	0.54	0.68	0.83	0.83	0.83	0.83	0.83	0.83	0.86	0.85	0.85
Sub-total Output 1		65.00	4.86	6.90	8.14	12.44	12.85	12.71	13.96	14.65	15.96	16.66	17.27	17.88	19.94	21.64	22.21
Output 2 – Climate-smart Agriculture and Agribusiness Promoted																	
2.a	3 Additional climate-resilient varieties of rice and maize released	5.00	0.17	0.39	0.55	0.69	0.70	0.70	0.70	0.70	0.70	0.70	1.13	1.46	1.50	1.50	1.56
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5.00	0.52	0.59	0.74	0.95	0.75	0.76	1.34	1.49	1.49	1.49	1.49	1.49	1.53	1.53	1.59
2.c.1	27 FWUCS of FWUGS made full operational	3.00	0.24	0.36	0.39	0.47	0.48	0.48	0.25	0.48	0.48	0.49	0.51	0.52	0.57	0.63	0.72
2.c.2	500 FWUCS of FWUGS developed capacity to operate and maintain their irrigation schemes	3.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	2.00	0.23	0.73	0.88	1.03	1.08	1.11	1.18	1.23	1.28	1.33	1.38	1.43	1.70	1.48	1.48
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	2.00	0.23	0.73	0.78	0.98	1.38	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
Sub-total Output 2		20.00	1.39	2.80	3.34	4.11	4.39	4.53	4.95	5.39	5.44	5.50	5.98	6.38	6.79	6.62	6.83
Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced																	
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	2.00	0.47	0.60	0.72	0.86	0.91	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
3.b	Good Agriculture Practice for tropical fruit endorsed	2.00	0.47	0.62	0.75	0.87	0.93	0.99	1.00	1.00	1.05	1.06	1.07	1.08	1.19	1.26	1.26
3.c	Good Agriculture Practice for organic fertilizer endorsed	2.00	0.23	0.28	0.32	0.37	0.39	0.39	0.42	0.51	0.51	0.51	0.51	0.51	0.75	0.75	0.75
3.d	50 Staff from financial institutions trained in CSA and green finance	2.00	0.23	0.28	0.32	0.55	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.62	0.62	0.62

Output and Activities		Assigned weight	WEIGHTED PROGRESS (%)														
			1/21	4/21	7/21	10/21	11/21	12/21	1/22	2/22	3/22	4/22	5/22	6/22	7/22	8/22	9/22
3.e	30 agribusinesses trained in green finance and CSA	2.00	0.22	0.25	0.28	0.31	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.32	0.32	0.32
3.f	20,000 Households provided with information on climate risk-sharing instruments	2.00	0.50	0.58	0.65	0.73	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
3.g	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-total Output 3		15.00	2.12	2.59	3.05	3.69	3.89	3.99	4.04	4.14	4.19	4.20	4.21	4.22	4.59	4.65	4.65

□	MAFF																	
	Output 1	30.00	2.23	3.55	4.28	7.46	7.68	7.30	8.22	8.62	9.44	9.08	9.09	9.22	10.76	11.88	12.11	
	Output 2	14.00	1.13	2.43	2.94	3.64	3.90	4.04	4.69	4.89	4.94	4.99	5.47	5.85	6.20	5.98	6.10	
	Output 3	15.00	2.12	2.59	3.05	3.69	3.89	3.99	4.04	4.14	4.19	4.20	4.21	4.22	4.59	4.65	4.65	
	Sub-total	59.00	5.49	8.57	10.26	14.78	15.47	15.33	16.95	17.65	18.57	18.27	18.77	19.29	21.55	22.51	22.86	
	MOWRAM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Output 1	15.00	1.21	1.34	1.59	1.85	1.99	2.12	2.30	2.47	2.76	3.00	3.25	3.52	3.80	4.21	4.32	
	Output 2	6.00	0.25	0.37	0.40	0.48	0.49	0.49	0.27	0.49	0.49	0.51	0.52	0.53	0.58	0.64	0.73	
	Sub-total	21.00	1.46	1.71	1.99	2.32	2.48	2.61	2.57	2.97	3.25	3.50	3.77	4.04	4.38	4.85	5.05	
	MRD	15.00	1.24	1.93	2.24	3.10	3.16	3.24	3.34	3.46	3.65	4.45	4.77	4.96	5.19	5.35	5.42	
	Undecided	5.00	0.17	0.08	0.04	0.04	0.02	0.05	0.10	0.10	0.11	0.13	0.16	0.18	0.18	0.20	0.36	
	TOTAL Outputs (1 + 2 + 3)		100.00	8.36	12.29	14.53	20.25	21.12	21.23	22.96	24.18	25.58	26.35	27.46	28.48	31.31	32.91	33.69

CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS

DMF PROGRESS

Status : September 2022

Output and Activities		Assigned weight	WEIGHTED PROGRESS (%)													
			1/21	4/21	7/21	10/21	12/21	1/22	2/22	3/22	4/22	5/22	6/22	7/22	8/22	9/22
Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient																
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15.00	1.21	1.34	1.59	1.85	2.12	2.30	2.47	2.76	3.00	3.25	3.52	3.80	4.21	4.32
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5.00	0.17	0.08	0.04	0.04	0.05	0.10	0.10	0.11	0.13	0.16	0.18	0.18	0.20	0.36
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15.00	1.24	1.93	2.24	3.10	3.24	3.34	3.46	3.65	4.45	4.77	4.96	5.19	5.35	5.42
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15.00	1.09	1.88	2.16	4.88	4.23	4.57	4.86	5.68	5.48	5.48	5.61	5.83	5.96	6.19
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	5.00	0.75	1.02	1.21	1.41	1.57	2.03	2.13	2.13	1.97	1.98	1.99	3.24	4.25	4.25
1.f1	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	5.00	0.20	0.34	0.49	0.67	0.84	0.80	0.80	0.80	0.80	0.80	0.80	0.83	0.83	0.83
1.f2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5.00	0.19	0.32	0.42	0.51	0.68	0.83	0.83	0.83	0.83	0.83	0.83	0.86	0.85	0.85
sub-total Output 1		65.00	4.86	6.90	8.14	12.44	12.71	13.96	14.65	15.96	16.66	17.27	17.88	19.94	21.64	22.21
Output 2 – Climate-smart Agriculture and Agribusiness Promoted																
2.a	3 Additional climate-resilient varieties of rice and maize released	5.00	0.17	0.39	0.55	0.69	0.70	0.70	0.70	0.70	0.70	1.13	1.46	1.50	1.50	1.56
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5.00	0.52	0.59	0.74	0.95	0.76	1.34	1.49	1.49	1.49	1.49	1.49	1.53	1.53	1.59
2.c.1	27 FWUCS of FWUGS made full operational	3.00	0.24	0.36	0.39	0.47	0.48	0.25	0.48	0.48	0.49	0.51	0.52	0.57	0.63	0.72
2.c.2	500 FWUCS of FWUGS developed capacity to operate and maintain their irrigation schemes	3.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	2.00	0.23	0.73	0.88	1.03	1.11	1.18	1.23	1.28	1.33	1.38	1.43	1.70	1.48	1.48
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	2.00	0.23	0.73	0.78	0.98	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
sub-total Output 2		20.00	1.39	2.80	3.34	4.11	4.53	4.95	5.39	5.44	5.50	5.98	6.38	6.79	6.62	6.83
Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced																
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	2.00	0.47	0.60	0.72	0.86	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
3.b	Good Agriculture Practice for tropical fruit endorsed	2.00	0.47	0.62	0.75	0.87	0.99	1.00	1.00	1.05	1.06	1.07	1.08	1.19	1.26	1.26
3.c	Good Agriculture Practice for organic fertilizer endorsed	2.00	0.23	0.28	0.32	0.37	0.39	0.42	0.51	0.51	0.51	0.51	0.51	0.75	0.75	0.75

Output and Activities		Assigned weight	WEIGHTED PROGRESS (%)													
			1/21	4/21	7/21	10/21	12/21	1/22	2/22	3/22	4/22	5/22	6/22	7/22	8/22	9/22
3.d	50 Staff from financial institutions trained in CSA and green finance	2.00	0.23	0.28	0.32	0.55	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.62	0.62	0.62
3.e	30 agribusinesses trained in green finance and CSA	2.00	0.22	0.25	0.28	0.31	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.32	0.32	0.32
3.f	20,000 Households provided with information on climate risk-sharing instruments	2.00	0.50	0.58	0.65	0.73	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
3.g	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	sub-total Output 3	15.00	2.12	2.59	3.05	3.69	3.99	4.04	4.14	4.19	4.20	4.21	4.22	4.59	4.65	4.65
OUTPUT	Output 1	65.00	4.86	6.90	8.14	12.44	12.71	13.96	14.65	15.96	16.66	17.27	17.88	19.94	21.64	22.21
	Output 2	20.00	1.39	2.80	3.34	4.11	4.53	4.95	5.39	5.44	5.50	5.98	6.38	6.79	6.62	6.83
	Output 3	15.00	2.12	2.59	3.05	3.69	3.99	4.04	4.14	4.19	4.20	4.21	4.22	4.59	4.65	4.65
	TOTAL Output (1 + 2 + 3)	100.00	8.36	12.29	14.53	20.25	21.23	22.96	24.18	25.58	26.35	27.46	28.48	31.31	32.91	33.69

CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS

OUTPUT 1

Status : September 2022

1	2	3	4	5	6	7	8	Progress in July 2022			Progress in August 2022			Progress in September 2022		
								Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)
								63	64	65	66	67	68	69	70	71
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	Step 1A Identification of ISSs	Schemes	15	27	5	0.75	100.00	27.00	0.75	100.00	27.00	0.75	100.00	27.00	0.75
		Step 1B Feasibility Study	Schemes		27	10	1.5	45.90	12.39	0.69	51.85	14.00	0.78	51.85	14.00	0.78
		Step 2 Topographic Survey	Ha		15,000	10	1.5	93.33	14,000.00	1.40	100.00	15,000.00	1.50	100.00	15,000.00	1.50
		Step 3 + 4DED & Tender file	Ha		15,000	10	1.5	25.47	3,820.96	0.38	32.80	4,920.00	0.49	32.80	4,920.00	0.49
		Procurement	Ha		15,000	5	0.75	12.39	1,858.84	0.09	18.33	2,750.00	0.14	18.33	2,750.00	0.14
		Rehabilitated & Climate resilient	Ha		15,000	55	8.25	5.93	890.00	0.49	6.67	1,000.00	0.55	8.00	1,200.00	0.66
		O&M	Schemes		27	5	0.75	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total							100	15			3.80			4.21
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	Identification of ponds	no	5	800	7.5	0.375	18.07	144.58	0.07	21.25	170.00	0.08	32.50	260.00	0.12
		Farm identification for drip system	no		15	2.5	0.125	13.77	2.07	0.02	13.33	2.00	0.02	13.33	2.00	0.02
		DED Ponds	no		800	20	1	6.45	51.63	0.06	7.50	60.00	0.08	18.75	150.00	0.19
		DED Drip system	no		15	5	0.25	13.77	2.07	0.03	13.33	2.00	0.03	13.33	2.00	0.03
		Procurement & Implementation ponds	no		800	50	2.5	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Drip systems installation	no		15	15	0.75	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total						100	5			0.18			0.20	
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	103.27	258.17	0.77	103.27	258.17	0.77	103.27	258.17	0.77
		Step 1B Feasibility Study	km		250	10	1.5	86.75	216.87	1.30	86.75	216.87	1.30	86.75	216.87	1.30
		Step 2:Topographic Survey	km		250	10	1.5	103.27	258.17	1.55	107.52	268.80	1.61	107.52	268.80	1.61
		Step 3+4 DED & Tender file	km		250	10	1.5	85.14	212.84	1.28	86.44	216.10	1.30	86.44	216.10	1.30
		Rehabilitated & Climate resilient	km		250	60	9	3.20	8.00	0.29	4.00	10.00	0.36	4.83	12.08	0.43
		O&M	km		250	5	0.75	0.00	-	0.00	0.15	0.38	0.00	0.00	-	0.00
		Sub-total						100	15			5.19			5.35	
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	Identification	No	15	80	5	0.75	100.00	80.00	0.75	100.00	80.00	0.75	100.00	80.00	0.75
		Site location Survey	no		80	5	0.75	86.25	69.00	0.65	86.25	69.00	0.65	100.00	80.00	0.75
		DED & Tender file	no		3	10	1.5	75.00	2.25	1.13	83.33	2.50	1.25	83.33	2.50	1.25
		Procurement	no		3	10	1.5	58.33	1.75	0.88	58.33	1.75	0.88	66.67	2.00	1.00
		Construction	No		80	65	9.75	25.00	20.00	2.44	25.00	20.00	2.44	25.00	20.00	2.44
		O&M	no		80	5	0.75	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total						100	15			5.83			5.96	

1	2	3	4	5	6	7	8	Progress in July 2022			Progress in August 2022			Progress in September 2022		
								Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)
					OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	63	64	65	66	67	68	69	70	71
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	TNA for LAB staff	No	5	1	10	0.5	150.00	1.50	0.75	150.00	1.50	0.75	0.00	-	0.00
		DED & Procurement	No		1	20	1	100.00	1.00	1.00	100.00	1.00	1.00	0.00	-	0.00
		Implementation	No		1	60	2.5	50.00	0.50	1.25	90.00	0.90	2.25	90.00	0.90	2.25
		Training of staff	Person		100	10	0.5	25.82	26	0.13	26.00	26	0.13	26.00	26	0.13
		On-the job training	Person		500	10	0.5	22.72	114	0.11	23.60	118	0.12	23.60	118	0.12
		Sub-total				100	5			3.24			4.25			2.50
1.f.1	12,000 Bio-digesters made operational benefitting 80,000 persons (50% are women)	Identification of Bio-digesters	Biodigester	5	12,000	10	0.5	18.48	2,217	0.09	18.48	2,217	0.09	21.60	2,592	0.11
		National Policy and Standards of Biodigester and bioslurry	policy		1	10	0.5	82.62	0.83	0.41	82.62	0.83	0.41	85.00	0.85	0.43
		DED & Tender file	document		4	10	0.5	38.73	1.55	0.19	38.73	1.55	0.19	38.75	1.55	0.19
		Procurement	document		4	10	0.5	23.24	0.93	0.12	23.24	0.93	0.12	23.25	0.93	0.12
		Construction of biodigesters	Biodigester		12,000	50	2.5	0.03	3.10	0.00	0.03	3.10	0.00	0.00	-	0.00
		Training of beneficiaries	Families		12,000	10	0.5	1.84	221	0.01	2.63	315	0.01	2.63	315	0.01
		Sub-total				100	5			0.83			0.83			0.86
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	0.5	16.04	962	0.08	15.53	932	0.08	31.72	1,903	0.16
		DED & Tender file	document		4	20	1	38.73	1.55	0.39	37.50	1.50	0.38	37.50	1.50	0.38
		Procurement	document		4	10	0.5	23.24	0.93	0.12	22.50	0.90	0.11	22.50	0.90	0.11
		Construction of compost huts	Compost hut		6,000	50	2.5	0.05	3.10	0.00	0.05	3.00	0.00	0.05	3.00	0.00
		Training of beneficiaries	Families		6,000	10	0.5	54.85	3,291	0.27	55.83	3,350	0.28	55.83	3,350	0.28
		Sub-total				100	5			0.86			0.85			0.93
Total for Output 1				65			65			19.94			21.64			20.56

CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS OUTPUT 2

Status : September 2022

1	2	3	4	5	6	7	8	Progress in July 2022			Progress in August 2022			Progress in September 2022		
								Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)
1	2	3	4	5	6	7	8	63	64	65	66	67	68	66	67	68
2.a	3 Additional climate-resilient varieties of rice and maize released	Development of new rice varieties	Varieties	5	2	50	2.5	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Development of new maize varieties	Variety		1	20	1	0.00	-	0.00	0.00	-	0.00	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	33.85	339	0.05	33.85	339	0.05	40.00	400	0.06
		Multiplication of maize seed (CM1) varieties	Seeds		3	3	0.15	30.78	0.92	0.05	30.76	0.92	0.05	33.33	1.00	0.05
		Distribution of rice seeds for demonstration seed production (PRD, PMD) for WS and CAR 16 for DS	Seeds		160	3	0.15	92.97	149	0.14	92.91	149	0.14	93.75	150	0.14
		Distribution of maize for seed production	Seeds		3	4	0.2	341.97	10.26	0.68	341.97	10.26	0.68	366.67	11.00	0.73
		Training of farmer group on BMP (240 courses)	Persons		10,000	4	0.2	2.41	241	0.00	2.41	241	0.00	2.41	241	0.00
		Training of farmer group on rice seed production (120 courses)	Persons		4,000	4	0.2	74.38	2,975	0.15	74.38	2,975	0.15	75.00	3,000	0.15
		Field day (120 events)	People		15,000	2.5	0.125	27.36	4,104	0.03	27.36	4,104	0.03	28.03	4,205	0.04
		Site identification for Cassava seeds demonstration	Demo		40	2.5	0.125	294.95	118	0.37	294.76	118	0.37	294.76	118	0.37
		Laser Land Leveling (LLL)	Demo/ha		4,000	4	0.2	10.75	430	0.02	10.74	430	0.02	10.74	430	0.02
					Sub-total				100	5.00			1.50			1.50
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	Training of TOT-Trainers	Persons	5	80	3	0.15	143.63	115	0.22	143.53	115	0.22	143.53	115	0.22
		Drafting of training material for climate smart agriculture	set		1	2	0.1	102.59	1.03	0.10	102.52	1.03	0.10	102.52	1.03	0.10
		Implementation of comprehensive Needs assessment	set		4	2	0.1	25.65	1.03	0.03	25.63	1.03	0.03	25.63	1.03	0.03
		Drafting of training material for agribusiness development	set		1	3	0.15	102.59	1.03	0.15	102.52	1.03	0.15	102.52	1.03	0.15
		Farmers trained on CAMGAP standards	Persons		500	15	0.75	37.96	190	0.28	37.93	190	0.28	37.93	190	0.28
		Farmers trained on CSA	Persons		20,000	25	1.25	25.13	5,027	0.31	25.13	5,027	0.31	25.14	5,027	0.31
		Farmers trained on SRP	Persons		20,000	20	1	29.75	5,950	0.30	29.75	5,950	0.30	30.00	6,000	0.30
		Farm mechanization and agriculture conservation	Persons		9,500	15	0.75	15.35	1,458	0.12	15.35	1,458	0.12	25.87	2,458	0.19
		Agriculture Cooperative (board members)	Persons		20,000	15	0.75	2.90	581	0.02	2.90	581	0.02	0.00	-	0.00
					Sub-total				100	5.00			1.53			1.53
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	100.00	1.00	0.08	100.00	1.00	0.08
		Initial meeting with local authorities	meeting		27	5	0.15	59.26	16.00	0.09	59.26	16.00	0.09	62.96	17.00	0.09
		Village meeting	meeting		54	10	0.3	28.50	15.39	0.09	28.50	15.39	0.09	29.63	16.00	0.09
		Screening potential candidates FWUC committee	FWUC		27	10	0.3	14.81	4.00	0.04	18.52	5.00	0.06	22.22	6.00	0.07
		Candidate selection	FWUC		27	10	0.3	11.11	3.00	0.03	14.81	4.00	0.04	18.52	5.00	0.06
		Village representation election	FWUC		27	10	0.3	11.40	3.08	0.03	11.39	3.08	0.03	14.81	4.00	0.04
		FWUC committee election	FWUC		27	15	0.45	18.52	5.00	0.08	18.52	5.00	0.08	18.52	5.00	0.08

1	2	3	4	5	6	7	8	Progress in July 2022			Progress in August 2022			Progress in September 2022		
								Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)
								63	64	65	66	67	68	66	67	68
		FWUC formation	FWUC		27	25	0.75	11.11	3.00	0.08	14.81	4.00	0.11	18.52	5.00	0.14
		Registration	FWUC		27	12.5	0.375	11.11	3.00	0.04	14.81	4.00	0.06	18.52	5.00	0.07
		Sub-total				100	3.00			0.57			0.63			0.72
2.c.2	500 FWUCS of FWUGS, developed capacity to operate and maintain their irrigation schemes	Preparation of training material on operation	set	3	27	10	0.3	3.80	1.03	0.01	3.80	1.03	0.01	3.80	1.03	0.01
		Preparation of training material on maintenance	set		27	10	0.3	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Trained FWUCs of FWUGs on schemes management	Persons		500	70	2.1	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Application of MEF budget (FWUC)	FWUC		27	10	0.3	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total				100	3.00			0.01			0.01			0.01
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	Identification and Initial Survey	No	2	4	10	0.2	102.59	4.10	0.20	100.00	4.00	0.20	100.00	4.00	0.20
		DED & Tender file	No		4	35	0.7	75.00	3.00	0.70	75.00	3.00	0.53	75.00	3.00	0.53
		Procurement	No		4	10	0.2	75.00	3.00	0.20	75.00	3.00	0.15	75.00	3.00	0.15
		Construction	No		4	40	0.8	75.00	3.00	0.60	75.00	3.00	0.60	75.00	3.00	0.60
		Training of users (50% are women)	No		4	5	0.1	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total				100	2.00			1.70			1.48			1.48
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	100.00	4.00	0.20	100.00	4.00	0.20
		DED & Tender file	No		4	35	0.7	75.00	3.00	0.53	75.00	3.00	0.53	75.00	3.00	0.53
		Procurement	No		4	10	0.2	75.00	3.00	0.15	75.00	3.00	0.15	75.00	3.00	0.15
		Construction	No		4	40	0.8	75.00	3.00	0.60	75.00	3.00	0.60	75.00	3.00	0.60
		Training of users (50% are women)	No		4	5	0.1	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total				100	2.00			1.48			1.48			1.48
Total for Output 2				15			20.00			6.79			6.62			6.83

CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS

OUTPUT 3

Status : September 2022

1	2	3	4	5	6	7	8	Progress in July 2022			Progress in August 2022			Progress in September 2022		
								Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)
								66	67	68	69	70	71	69	70	71
3.a	Good Agriculture Practice for tropical fruit endorsed	Draft of Climate Smart and Gender Responsive Agrib-policy	Policy	2	1	20	0.4	100.00	1.00	0.40	100.00	1.00	0.40	100.00	1.00	0.40
		Draft CSA policy	Policy		1	20	0.4	60.00	0.60	0.24	60.00	0.60	0.24	60.00	0.60	0.24
		Draft guidance manual for climate neutrality and adaption for agribusiness operation	Prakas		1	20	0.4	9.31	0.09	0.04	9.31	0.09	0.04	9.31	0.09	0.04
		Draft IDP strategy for climate friendly agribusiness			1	20	0.4	65.00	0.65	0.26	65.00	0.65	0.26	65.00	0.65	0.26
		Draft PPP framework formulated	Framework		1	20	0.4	4.14	0.04	0.02	4.14	0.04	0.02	4.14	0.04	0.02
		Sub-total						100	2.00			0.95			0.95	
3.b	Good Agriculture Practice for organic fertilizer endorsed	Guidance manual for climate neutrality and adaptation standards for agribusiness operation	Strategy	2	1	20	0.4	100.00	1.00	0.40	100.00	1.00	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	0.3	12.50	1.00	0.04	12.50	1.00	0.04	12.50	1.00	0.04
		Standards on CamGAP tropical fruit formation	Standard		1	20	0.4	85.00	0.85	0.34	100.00	1.00	0.40	100.00	1.00	0.40
		Development of standards for organic fertilizer	Standard		1	15	0.3	89.00	0.89	0.27	90.00	0.90	0.27	90.00	0.90	0.27
		Development of IDP strategies for climate friendly agribusiness	Strategy		1	5	0.1	70.00	0.70	0.07	70.00	0.70	0.07	70.00	0.70	0.07
		National standards on biodigester development	Standard		1	5	0.1	80.00	0.80	0.08	80.00	0.80	0.08	80.00	0.80	0.08
		Socialize GAP Standards for tropical fruit	No		2	20	0.4	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total						100	2.00			1.19			1.26	
3.c	50 Staff from financial institutions trained in CSA and green finance	Assessment TNA on CSA and Green finance	No	2	1	10	0.2	100.00	1.00	0.20	100.00	1.00	0.20	100.00	1.00	0.20
		Develop training material for staff training in CSA	No		1	15	0.3	100.00	1.00	0.30	100.00	1.00	0.30	100.00	1.00	0.30
		Develop training material for staff training in green finance	No		1	15	0.3	80.00	0.80	0.24	80.00	0.80	0.24	80.00	0.80	0.24
		Implementation of training on green finance in CSA	Staff		50	30	0.6	1.40	0.70	0.01	1.40	0.70	0.01	1.40	0.70	0.01
		Implementation training in green finance	Staff		50	30	0.6	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total						100	2.00			0.75			0.75	
3.d	30 agribusinesses trained in green finance and CSA	Assessment TNA on CSA and Green finance	TNA	2	1	10	0.2	100.00	1.00	0.20	100.00	1.00	0.20	100.00	1.00	0.20
		Develop training material for staff training in CSA	no		1	15	0.3	70.00	0.70	0.21	70.00	0.70	0.21	70.00	0.70	0.21
		Develop training material for staff training in green finance	no		1	15	0.3	70.00	0.70	0.21	70.00	0.70	0.21	70.00	0.70	0.21
		Implementation of training on green finance in CSA	Staff		30	30	0.6	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Implement training in green finance	Staff		30	30	0.6	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total						100	2.00			0.62			0.62	

1	2	3	4	5	6	7	8	Progress in July 2022			Progress in August 2022			Progress in September 2022		
								Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)
								66	67	68	69	70	71	69	70	71
3.e	20,000 Households provided with information on climate risk-sharing instruments	Assessment of TNA on CSA and Green finance	TNA	2	1	10	0.2	100.00	1.00	0.20	100.00	1.00	0.20	100.00	1.00	0.20
		Develop training material for staff training in CSA	Set		1	10	0.2	60.00	0.60	0.12	60.00	0.60	0.12	60.00	0.60	0.12
		Develop climate risk sharing mechanism /instrument	Set		1	20	0.4	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Awareness raising on weather and climate risk information sharing to communities	Household		20,000	60	1.2	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total				100	2.00				0.32			0.32		
3.f	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	Implementation of TNA	No	2	1	10	0.5	100.00	1.00	0.50	100.00	1.00	0.50	100.00	1.00	0.50
		Develop training material for staff training in green finance	No		1	15	0.5	50.00	0.50	0.25	50.00	0.50	0.25	50.00	0.50	0.25
		Implementation of training on green finance in CSA	Persons		20,000	75	1	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total				100	2.00			0.75			0.75			0.75
3.9	sub-total Output 3	Development of ICT	No	3	1	55	1.65	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Purchase of equipment	No		1	20	0.6	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Installation of the center	No		1	25	0.75	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
		Sub-total				100	3			0.00			0.00			0.00
Total for Output 3				15			15.00			4.59			4.65			4.65



ANNEX 3: Updated Implementation Progress DMF status 30 September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

Annex 3. Updated Implementation Progress DMF status 30 June July - September 2022

DMF Performant Milestones/Indicators	Unit	Baseline	Target	Physical Progress				
				PPMS1 (June 2021)	PPM2 (Dec 20212)	PPMS3 (June 2022)	Update September 2022	
OUTCOMES (by 2026)								
a. At least 15% increase in yields (2017 baseline: rice 2.7 tons, maize 4 tons, cassava 20 tons and mango 15 tons/ha)								
Rice (per ha)	Tons/Ha	2.70	3.105	not yet	not yet	nor yet	not yet	
Maize (per ha)	Tons/Ha	4.00	4.60					
Cassava (per ha)	Tons/Ha	20.00	23.00					
Mango (per ha)	Tons/Ha	15.00	17.25					
b. GHG emissions reduced by 240,000 tons of CO2 (2017 baseline: 0 tons reduced due to the project)	Tone	0						
c. At least 50 agribusinesses become more resource efficient in terms of water savings (5-10% efficiencies); energy savings (20%); and reduction in post-harvest losses (10%) (2017 baseline: 0)	Number	0	50	0				
Water saving (5-10% efficient)	%	0						
Energy saving (20%)	%	0						
Post harvesting losses (10%)	%	0						
Output. 1. Critical agribusiness value chain infrastructure improved and made climate resilient								
Irrigation and water management systems rehabilitated and made climate resilient (2017 baseline: 0).								
1.a	Number of irrigation and water management systems improved	Irrigation Systems	27	0	1	2	2	3
	Size of land with improved irrigation	Ha	15,000	0		260	800	1,200
	Number of households benefitted	Household	25.000	0			36,869 HHH 153,565 Person	
	Number of women benefitted	woman	50,000	0			79,032	
	Number of scheme O&M plans made	Plans	27	0	0	0	0	1
1.b	On-farm rainwater harvesting ponds commissioned (2017 baseline: 0)	Pond	800	0	0	0	0	0

DMF Performant Milestones/Indicators		Unit	Baseline	Target	Physical Progress			
					PPMS1 (June 2021)	PPM2 (Dec 20212)	PPMS3 (June 2022)	Update September 2022
1.c.1	Farm road networks upgraded to climate standards to improve connectivity of farms to cooperatives and markets (2017 baseline: 0)	Km	250	0	0	0	6.0	12.8
1.c.2	Length of Km farm-roads for which an O&M plan is made	KM	250	0	0	0	0	0
1.d.1	Agricultural cooperatives* integrated adaptation measures in post-harvest infrastructure investments (2017 baseline: 5).	AC	80	0	0	0	25	25
1.d.2	Number of ACs for which an O&M plan is made	AC	80	0	0	0	0	0
1.e	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)							
1.e.1	Crop product quality and safety testing infrastructure in National Agricultural Laboratory upgraded to test 1500 samples	Sample	1,500			0	0	0
1.e.2	Crop product quality and safety testing infrastructure in National Agricultural Laboratory upgraded generate service income more than \$75,000	USD	0			0	0	0
1.f.1	Making operational additional bio-digesters due to better household air quality (2017 baseline beneficiaries: 0)							
1.f.1.1	number of Bio-digesters made operational	Bio-digester	12,000	0	0	0	0	0
1.f.1.2	number of persons benefitted?	Person	40,000	0	0	0	0	0
1.f.1.3	number of women benefitted	woman	20,000	0	0	0	0	0
1.f.2	Making operational additional Compost-huts made operational due to better household air quality (2017 baseline beneficiaries)							
1.f.2.1	Numb of compost huts made	Compost hut	6,000	0	0	0	0	0
1.f.2.2	Number of persons benefitted	persons	40,000	0	0	0	0	0
1f.2.3	Number of women benefitted	woman	20,000	0	0	0	0	0
1.f.3.1	National standard bio-digester and bio-slurry developed	Standard	1					

DMF Performant Milestones/Indicators		Unit	Baseline	Target	Physical Progress			
					PPMS1 (June 2021)	PPM2 (Dec 20212)	PPMS3 (June 2022)	Update September 2022
1.f.3.2	National policy on bio-digester and bio-slurry developed	Policy	1					
Outputs. 2. Climate Smart Agriculture and Agribusiness promoted								
2.a.	Additional climate resilient varieties of rice and maize released (2017 baseline: 0).							
2.a.1	Number of new rice varieties released	Variety	3					
2.a.2	Number of new maize varieties released	Variety	1					
2.B.1	Training of farmers in CSA, of which 50% were SRP compliant with direct links to millers and exporters (20-17 baseline 0)							
2.B.1.1	Number of farmers trained in CSA/SRP	Person	40,000				7,192	
2.B.1.2	Number of females trained in CSA/SRP	Woman	16,000				3,914	
2.B.2	Training of farmers in agribusiness development skills, of which 50% were SRP compliant with direct links to millers and exporters (2017 baseline for SRP compliance: 0).0							
	Number of farmers trained in agribusiness skills	Person	40,000		0		2,425	
	Number of females trained in agribusiness skills	Woman	16,000		0		648	
2.C.1	Making FWUCs/FWUGs operational (2017 baseline: 0).							
2.c.2	2.c.2.1	Training FWUC/FWUG members to operate and maintain their irrigation schemes (2017 baseline: 0).	Persons	500		0	597	
	2C.2.2	Training female FWUC/FWUG members to operate and maintain their irrigation schemes (2017).	Woman	150		0	175	

DMF Performant Milestones/Indicators		Unit	Baseline	Target	Physical Progress			
					PPMS1 (June 2021)	PPM2 (Dec 20212)	PPMS3 (June 2022)	Update September 2022
2.c.3	Number of FWUC/FWUG2 able to operate and maintain their irrigation schemes (2017 baseline: 0)	FWUCS	27				0	
2.d	Making fully operational provincial agricultural development centers and engineering workshops to provide agribusiness services and strengthen farmer value chain linkages (2017 baseline: 0)							
	2d.1	Number of provincial agricultural development centers made fully operational to provide agribusiness services and strengthen farmer value chain linkages	PADC	4				
	2d.2	Number of engineering workshops made fully operational to provide agribusiness services and strengthen farmer value chain linkages	Workshop	4				
OUTPUT 3. Enabling environment for climate friendly agribusiness enhanced								
	Developing Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework focusing on agribusinesses formulated (2017 baseline: 0). **							
3.a	3.a.1	Agribusiness and Gender responsive policy developed	Policy	1				
	3.a.2	CSA Policy developed	Policy	1				
	3.a.3	Agro-Industry Policy developed	Policy	1				
	3.a.4	Contract Farming Inclusive Agribusiness Policy developed	Policy	1				
	3.a.5	Proclamation/Prakas Supporting AC's Law	Policy	1				
	3.a.6	PPP-Initiative Agribusiness Policy developed	Policy	1				
3.b	CAMGAP for tropical fruit and organic fertilizers endorsed as national standard for tropical fruit and organic fertilizers (2017 baseline: 0)							
	3.b.1	CAMGAP for tropical fruit endorsed as national standard for tropical fruit	Standard	1				

DMF Performant Milestones/Indicators		Unit	Baseline	Target	Physical Progress			
					PPMS1 (June 2021)	PPM2 (Dec 20212)	PPMS3 (June 2022)	Update September 2022
3.b.2	CAMGAP for organic fertilizers endorsed as national standard for organic fertilizers	Standard	1					
3.c	Training of staff from financial institutions trained in CSA and green finance (2017 baseline: 0)							
3.c.1	Number of staff of from financial institutions trained in CSA and green finance.	Person	50				44	
3.c.2	Number of female staff from financial institutions trained in CSA and green finance	Person	18				9	
3.d	Training of agribusinesses in green finance and CSA (2017 baseline: 0)							
3.d.1	Number of agribusinesses trained on green finance and CSA.	Person	30				20	
3.d.2	Number of women-led and/or owned agribusinesses trained in green finance and CSA	Woman	9				7	
3.e	Providing information on climate risk sharing instruments (2017 baseline: 0)							
3.e.1	Number of households provided information on climate risk sharing instruments	Households	30,000		0	0	0	0
3.e.2	Number of women provided information on climate risk sharing instruments	Woman	20,000		0	0	0	0
3.g.1	Establishing ICT platform for climate friendly agribusiness established in Kampong Cham province (2017 baseline: 0).	ICT Platform	1				0	0
3.g.2	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	Support					0	0



ANNEX 4: Detail Implementation MAFF Ouput 1 July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

General information																	CONTRACT INFORMATION																		
N	Province	AC Name	AC Number	Scope of Works	Location Village, Commune, District	Length of Rural Road connected to AC	Coordinate (UTM)		Market name	Beneficiaries			Women HH		ID poor				Preparation				Procurement Process						Implementation						
							Latitude X	Longitude Y		Total (HHs)	Total (person)	F	Total	F	Poor 1		Poor 2		DED	Estimated Costs (\$)	Social Resettlement	IEE/EMP	Date of ADB approval of FS	Procurement Process		Contract			Date Start Work	Work Progress to date	Payment Progress to date	Date of issuance certificate of Completion			
															Total	F	Total	F						Date of invitation to bid	Date and status of BER	Date and Nr of ADB NOL	Date of Contract Award	Name Contractor					Value	Date	
1	Kampong Cham	#NAME?	Lot 1: CW-3b2/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Sa Ang village, Trapeang Kor commune Cheung Prey district	0.000	514119	1340850		2,228	10,452	5,500							Completed	461,473.90	100%	100%	NA	27-May-22	Bid opening 27-Jun-22 BER ongoing										
2		Chealea Akphivat	Lot 1: CW-3b2/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Chea Lea village, Chea Lea commune, Batheay district	0.000	492167	1317459		1,790	7,666	3,961							Completed	0.00	100%	100%	NA	27-May-22	Bid opening 27-Jun-22 BER ongoing										
3		Sammky Mohakhnhoung	Lot 1: CW-3b2/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (50T)	Moha Khnhoung commune, Kaoh Sotin district	8.170	589913	1321503												Completed	0.00	100%	100%	NA	27-May-22	Bid opening 27-Jun-22 BER ongoing									
4		Samaki Baray Andong AAng	Lot 1: CW-3b2/CFAVC/MAFF/2022-01	Construction of AC storage/ware house (100T)	Ampil Thum, Preah Theat, Dankor, Baray, Prey Rumdeng, Trapeang Bei and Sankae villages, Prey chhor, Khvet Thum and Baray communes, Prey Chhor district, Kampong Cham	7.770	524123	1336195	Prey Toteung	4,719	12,125	6,023								Completed	0.00	100%	100%	NA	27-May-22	Bid opening 27-Jun-22 BER ongoing									
		4				15.940				8,737	30,243	15,484	0	0						461,473.90															
		35				114.658				14,678	70,618	33,248	527	141	602	483	1,022	698		4,445,958.65															

Annex 4.3 Status of Subprojects AWP 2022 (Batch III)

N	Province	Sub Project Name	Sub Project #	Scope of Works	Location Village, Commune, District	Length of Rural Road connected to AC	Coordinate (UTM)		Market name	Beneficiaries			Women HH		ID poor				Preparation				Procurement Process				Implementation						
							Latitude X	Longitude Y		Total (HHs)	Total (person)	F	Total	F	Poor 1		Poor 2		DED	Estimated Costs (\$)	Social Resettlement	IEE/EMP	Date of ADB approval of FS	Procurement Process				Contract					
															Total	F	Total	F						Date of Invitation to bid	Date and status of BER	Date and Nr of ADB NOL	Date of Contract Award	Name Contractor	Value	date	Date Start Work	Work Progress to date	Payment Progress to date
1	Kampot	Po Chum Meachey AC		Construction of AC storage/ware house (100T)	Pochum village, Dambok Khpos commune, Ankorchev district	0.000	X=447471	Y=1193486																									
2		Kampong Trach Chamroeuñ Kasekor AC		Construction of AC storage/ware house (100T)	Koh Kloutch village, Kampong Trach Khang Keut commune, Kampong Trach district	0.000	X=441790	Y=1165255																									
		2		Sub-Total Kampot		0.000																											
1	Takeo	Khpob Svay Samaky AC		Construction of AC storage/ware house (100T)	Khpob Svay village, Trapeang Kranhoung commune, Tramkak district	0.000	X=442295	Y=1229432																									
2		Samaky Meanchey Phlov Lork AC		Construction of AC storage/ware house (100T)	Ta Ou commune, Kirivong district	6.530	X=438807	Y=1230154																									
3		Udom Soriya AC		Construction of AC storage/ware house (100T)	Udom Sorya commune, Tramkok district	9.040	X=467968	Y=1222594																									
4		Toul Preah Vihear AC		Construction of AC storage/ware house (100T)		0.000	X=497112	Y=1230300																									
5		Sambuor Chamroeuñphal AC		Construction of AC storage/ware house (100T)		0.000	X=482985	Y=1212085																									
6		Phum Boeng Amatak AC		Construction of AC storage/ware house (100T)		10.190	X=471100	Y=1236573																									
7		Kiri Udom Ta Ou AC		Construction of AC storage/ware house (100T)		8.410	X=475752	Y=1168239																									
8		Ponleu Saireang AC		Construction of AC storage/ware house (100T)		0.000	X=483359	Y=1184014																									
		8				34.170																											
1	Thong Khmum	Kasekor Dambea AC		Construction of AC storage/ware house (100T)	Sramar village, Teukchrov commune, Dambea district		X=601866	Y=1316405																									
2																																	
		1				0.000																											
1	Kampong Cham	Troutrong Kasekor AC		Construction of AC storage/ware house (100T)	Khtuy Bey village, O'Mlou commune, Steung Trang district		X=556976	Y=1371828																									
2																																	
		1				0.000																											
		12				34.170																											



ANNEX 5: Details Implementation MAFF Output 2 and 3 July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

ANNEX 5. DETAILS IMPLEMENTATION MAFF OUTPUT 2 AND 3

WORKPLAN October - December 2022 CS02

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks
		Oct	Nov	Dec	Oct	Nov	Dec	
Output 1: Critical agribusiness value chain infrastructure improve and made climate-resilient								
Output #1: Output name: Critical Agribusiness value chain infrastructure improve and made								
Activity #1.1.1: Activity name: Drip irrigation system demonstration and strengthening capacity of drip operation for mango farmers								
Drip system equipment	NFD/CS1	System	3	0	0	21,000	0	Expect done 5/5
Tube well/water connection	NFD/CS1	Unit	3	0	0	11,000	0	Expect done 5/5
Solar pumps installation and connection	NFD/CS1	Unit	3	0	0	27,000	0	Expect done 5/5
Agriculture inputs for drip irrigation system	NFD/CS1	System	3	0	0	11,000	0	Expect done 5/5
training for drip irrigation system operation mango farmers	NFD/CS1	Training	3	0	0	4,500	0	Expect done 9/9
Farmer field day	NFD/CS1	Field day	1	2	0	3,000	0	Expect done 3/3
Activity 1.4: Strengthening infrastructure for agricultural quality and safety testing at the National Agriculture Laboratory (NAL)								
1. Field Study and Training								
Conduct market survey on the use and quality of biofertilizer and organic fertilizer in local market to 4 target provinces	NLC							
On the job training on the quality testing of biofertilizer and biopesticide (1.4.2.4)	NLC		3			750		
On the job training on mother plant collection for multiplication through tissue culture for cassava (1.4.2.3)	PTC-specialist		3			750		

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks
		Oct	Nov	Dec	Oct	Nov	Dec	
On-the job training on mother plant collection for multiplication through tissue culture for cassava (1.4.2.2)	PTC-specialist			3			750	
On-the Job training on Plant tissue culture (1.4.2.1)	PTC-specialist			3			750	
2 Meeting								
Technical working group on development manual of cassava for plant tissue culture (1.4.6.1)	PTC-specialist		1	1		300	300	
Consultative workshop on cassava tissue culture development manual (1.4.6.2)	PTC-specialist		1			3,000		
Dissemination workshop on SOP of cassava tissue culture development manual (1.4.6.3)	PTC-specialist		1			3,000		
Technical working group on development manual of Biofertilizer and biopesticide (1.4.4.1)	Bio-specialist	2	1	1	600	300	300	
Consultative workshop on SOP for organic fertilizer (1.4.4.2)	Bio-specialist		1	1	3,000	3,000		
Dissemination workshop on SOP of organic fertilizer quality testing manual (1.4.4.3)	Bio-specialist			1			3,000	
TWG meeting on development of SOP for biofertilizer quality testing (1.4.5.1)	Bio-specialist	1	1	1	300	300	300	
Consultative workshop on SOP for biofertilizer quality testing manual (1.4.5.2)	Bio-specialist	1	1		5,000	5,000		
Dissemination workshop on SOP of biofertilizer quality testing manual (1.4.5.3)	Bio-specialist			1			3,000	
TWG meeting on ISO 17025 SOP accreditation guideline development (1.4.7.1)	Bio-specialist	1	1	1	300	300	300	
Consultative workshop on ISO 17025 Accreditation guideline (1.4.7.2)	Bio-specialist		1	1		3,000	3,000	
Dissemination workshop on ISO 17025 guideline (1.4.7.3)	Bio-specialist			1			3,000	

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks	
		Oct	Nov	Dec	Oct	Nov	Dec		
Activity #: 1.5 Promoting renewable energy (biodigester and use of solar energy in target cooperatives) for value chain improvement)									
Refresher training of extension workers for biodigester and bio-slurry	NBS	Training	6	7	0	900	1,050	0	
User training for biogas plant and bio-slurry (biogas plant and bio-slurry management)	NBS	Training	105	105	84	5,250	5,250	4,200	
TOT training on biogas plant, bio-slurry use and management for extension workers	NBS	Training	0	2	0	2,000	0	0	
Training on composting and its application to farmers and agriculture community	NBS	Training	6	5	4	6,000	5,000	4,000	
Internal exchange visit on-site on site learning and field practices to EWs, key farmers, potential farmers	NBS	Course	5	5	3	4,500	4,500	2,700	
Research, development, pilot and use of the biodigester and compost hut construction	NBS	Set	22	22	0	26,400	26,400	0	
Information folders, manuals, booklets and other extension material	NBS	Lump sum	0	1	0	0	3,500	0	
Promotion and marketing extension (posters, promotion leaflets and other promotion materials)	NBS	Unit	0	1	0	0	3,500	0	
Small group meeting for extension & seeking the interest clients	NBS	Meeting	50	50	0	2,500	2,500	0	
Coordination and monitoring meeting with relevant stakeholders (on marketing mechanism) /g	NBS	Meeting	2	3	2	1,000	1,500	1,000	
Promotion signboards	NBS	Unit	0	1	0	0	12,000	0	
Field coaching and mention on promotion and marketing	NBS	Coaching	12	13	10	6,000	6,500	5,000	
Provincial monthly Progress meetings	NBS	Meeting	9	9	9	2,700	2,700	2,700	
National coordination meetings	NBS	Meeting	1	1	0	2,000	2,000	0	
Field mentoring & coaching and M&E by PPIU and GDAHP/PMU	NBS	Time	10	10	8	5,000	5,000	4,000	

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks	
		Oct	Nov	Dec	Oct	Nov	Dec		
Training on data entry and database management	NBS	Training	0	0	0	0	0	0	
Support input for integrated farming demonstrations	NBS	Demo	0	0	0	0	0	0	
Quarterly technical meeting on quality control and biogas appliances	NBS	Meeting	1	0	1	2,500	0	2,500	
National dissemination/reflection workshops on biodigester and compost hut	NBS	Workshop	0	0	0	0	0	0	
Establish compost producing group including equipment and relevant inputs support processing	NBS	Group	1	1	0	7,000	7,000	0	
Provincial dissemination workshop on biodigester and bio-slurry	NBS	Workshop	2	2	2	4,000	4,000	4,000	
Meeting with technical working group on biodigester and bio-slurry	NBS	Meeting	1	1	1	500	500	500	
Hiring consultant for policy study for national policy and standard formation	NBS	Study	1	0	0	0	0	0	
Public consultation workshop to review drafted policy and standards	NBS	Workshop	0	0	0	0	0	0	
Output #2: Output name: Climate smart agriculture and agribusiness promoted									
Activity #2.1: Activity name: Deploying resilient varieties									
2.1.1 Activities support to CARDI									
Advancing rice generation	NFD/CARDI	Population	1	0	0	5,000	0	Expect 4/4	
Seed increase promising line	NFD/CARDI	SI	0.5	0	0	2,000	0	Expect 2/2	
Multiplication trial	NFD/CARDI	Trial	1	0	0	5,000	0	Expect 4/4	
On-farm adaptive trial on promising line	NFD/CARDI	Trial	0	0	0	0	0	Expect 20/20	
Training of farmers group on best management practice (BMP) of rice and maize production-CARDI	NFD/CARDI	Training	10	0	0	15,000	0	Expect 40/40	

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks
		Oct	Nov	Dec	Oct	Nov	Dec	
Training of farmer groups on rice seed production techniques and follow up	NFD/CARDI	Training	3	0	0	4,500	0	Expect 12/12
Farmer field day, at field experiment	NFD/CARDI	events	2	2	0	4,000	4,000	Expect 4/4
Activity #2.3: Promoting farm mechanism and extension								
2.3.5 Other cost of support activities								
On-field Maize seed demonstration	NFD/CS2	Demo	6	0	0	3,000	0	Done in Q2, 22/45 and Expect done in Oct 45/45 demos
Field day for rice seed production	NFD/CS2	Field day	5	15	0	5000	15000	Expect30/30 (field day)
Field day for cassava planting material production	NFD/CS2	Field day	0	0	5	0	0	Expect 10/10(field day)
Field day for maize seed production	NFD/CS2	Field day	0	0	3	0	0	Expect 10/10(field day)
Laser land levelling for 500 ha	NFD/CS2	Ha	0	0	418	0	0	Expect procurement process will done Q4
Activity #: 2.2: Strengthening capacity in climate friendly								
Refresher training of trainers on SRP for provincial trainers	Acting DTL	Training	0	0	0	0	0	0
Refresher training of trainers (ToT) on CSA for provincial trainers	Acting DTL	Training	0	0	0	0	0	0
Training of trainers (TOT) for Contract farming	Acting DTL	Training	0	0	0	0	0	0
Training of farmers on climate smart agriculture (CSA) for rice, cassava, maize	Acting DTL	Training	0	0	0	0	0	0
Technical support or backstopping of GDA on training of farmers on SRP and CSA	Acting DTL/GDA	Follow Up	0	1	0	0	5,000	0
Training of farmers on sustainable rice production (SRP)	Acting DTL	Training	0	0	0	0	0	0
Training of AC and farmer group for Contract farming	Acting DTL	Training	4	0	0	6,000	0	0

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks	
		Oct	Nov	Dec	Oct	Nov	Dec		
Training of farmers on CamGAP practice and standard compliant for fruit crop-Mango	Acting DTL/GAPTFS	Training	3			4,500	0	0	
Training of ACs boards on leadership and management	Acting DTL	Training	2	2	0	3,000	3,000	0	
Training of ACs boards on business plan and entrepreneurship	Acting DTL	Training	2	2	0	3,000	3,000	0	
Training of ACs boards on marketing principles	Acting DTL	Training	4	0	0	6,000	0	0	
Training of ACs boards on annual report writing	Acting DTL	Training	4	0	0	6,000	0	0	
Training of ACs boards on bookkeeping	Acting DTL	Training	4	0	0	6,000	0	0	
Training of ACs boards on procedures for organizing crop producer groups	Acting DTL	Training	4	4	0	6,000	6,000	0	
Training of ACs boards on agricultural input supply	Acting DTL	Training	4	4	0	6,000	6,000	0	
Training of ACs boards on crop marketing business plan (rice, cassava, maize, mango)	Acting DTL	Training	4	4	4	6,000	6,000	6,000	
Training of ACs boards on Journaling for Suppliers and Marketing for ACs	Acting DTL	Training	4	4	4	6,000	6,000	6,000	
Training of ACs boards on Stock Management for suppliers and Marketing Businesses for Acs	Acting DTL	Training	4	4	4	6,000	6,000	6,000	
Exchange visit to outstanding ACs (Outside province)	Acting DTL	Training							
Reflection workshop on progress of management and leadership of ACs	Acting DTL	Workshop							
Training of farmers on O&M of agricultural machinery	Acting DTL	Training	4	0	0	6,000	0	0	
Training of farmers on agriculture production conservation	Acting DTL	Training	4	4	0	6,000	6,000	0	
Training of farmers on laser land levelling	Acting DTL	Training	4	4	0	6,000	6,000	0	
Training of farmers on storage unit operation	Acting DTL	Training	4	4	0	6,000	6,000	0	
Training of farmers on post-harvest technology	Acting DTL	Training	4	4	4	6,000	6,000	6,000	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks	
		Oct	Nov	Dec	Oct	Nov	Dec		
Training of farmers on land preparation	Acting DTL	Training	4	4	4	6,000	6,000	6,000	
Activity #: 2.c.1: Establish 27 FWUCs and made full operation									
Field visits	NFWUCTS	Events	2	2	3				
Study new FWUC in Takeo Pou Tasuy scheme.	NFWUCTS	FWUC							
Design new FWUC establishments and cost estimation, and reviews.	NFWUCTS	FWUC							
FWUC formed and Capacity building proposal and reviews	NFWUCTS	FWUC	10						
Step 1: Disseminate the information and process of FWUC formation									
Step 2: Demarcate the command areas and data collection									
Step 3: Orientation, consultation, and coaching to the FWUC Statute Committees	DFWUC team, NFWUCTS	Meeting							
Step 4: Sub group elections by village	DFWUC team, NFWUCTS	FWUSG							
Step 4: Group elections	DFWUC team, NFWUCTS	FWUG							
Step 5: Meeting to review the draft of FWUC statute with beneficiaries	DFWUC team	FWUC/ FWUG							
Step 6: Meeting to elect FWUC committees	DFWUC team, NFWUCTS	FWUC/ FWUG							
Train elected FWUC committee on role, responsibility, and right for 1 FWUC	DFWUC team, NFWUCTS	FWUC							
Step 7: Meeting to sign the final FWUC statute	DFWUC team	Meeting	2			1,221			
Step 8: Official announce to carry out the FWUC statute and stamps hand over	DFWUC team, NFWUCTS	Meeting	2			1,994			

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks	
		Oct	Nov	Dec	Oct	Nov	Dec		
Activity#:2.c.2: 500 FWUC developed capacity to O&M their irrigation systems									
Training of Trainer to DFWUC specialists	NFWUCTS	Course							
Operation manuals producing	NFWUCTS	Book							
Updated training modules	NFWUCTS	FWUC							
Prepare training materials (materials and training modules)	NFWUCTS	Set							
Administrative tasks and communication	DFWUC team, NFWUCTS	Course		2			1,643		
Bookkeeping	DFWUC team, NFWUCTS	Course	6	5		6,010	4,234		
Irrigation Service Contribution	DFWUC team, NFWUCTS	Course	4		9	3,425		6,917	
Planning	DFWUC team, NFWUCTS	Course		4			3,783		
Minute taking records and report writing	DFWUC team, NFWUCTS	Course			4			3,637	
Output #: 3 Enabling environment for climate smart agribusiness enhanced									
Activity #: 3.2.2 Public Private Partnership Initiatives for Agribusiness									
PPP feasibility studies on specific crop commodities	NPPPS	Study	1	1	0	10,000	10,000	0	
Meeting with AC to establish rice producer group links with rice millers	NPPPS	Meeting	4	4	0	600	600	0	
Meeting with AC to establish Cassava, Maize, and Mango links with traders (15 groups)	NPPPS	Meeting	3	3	1	450	450	150	
Conduct site visit to share & learn successful experience on crop product & marketing chain in other provinces	NPPPS	Field visit	0	1	1	0	2,500	2,500	

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks	
		Oct	Nov	Dec	Oct	Nov	Dec		
Inter-ministerial committee meetings to finalize and endorse a draft of PPP framework	NPPPS	Meeting	0	0	1	0	0	500	
Activity 3.2.: Promoting green finance and risk sharing mechanism									
Meeting with the Mekong Sustainable Finance Working Group and the Micro-Finance Institutions (MFI) Clients to develop environmental and climate screening criteria and tools to guide their lending activities	Mr. Sona	Meeting							
Coordination meeting and lessons sharing with the Association of Banks in Cambodia (ABC), which has recently launched the Cambodian Sustainable Finance Initiative (CSFI)	Dr. Jason Mr. Sona	Meeting			1			400	Organize meeting with ABC and MFI
Conduct internal meeting to review the draft landscape and relevant key stakeholder analysis	Dr. Jason Mr. Sona	Meeting		1			200		
Validation workshop on climate finance landscape and key stakeholder analysis	Dr. Jason Mr. Sona	Workshop		1					
Select potential bank/MFI staff to attend the training program	Dr. Jason Mr. Sona	Training	1			2000			
Design a training program for financial institutions including banks/MFIs to understand environmental and climate screening criteria and to evaluate loans against these criteria	Dr. Jason	Meeting	1						
Provide training for commercial banks and microfinance institutions in targeted areas	Mr. Sona	Training	1	1		200	200		
Climate safe screening criteria will be developed	Dr. Jason Mr. Sona	Meeting	1		1	2000		2,000	
Meeting with banks to review potential green financing projects	Dr. Jason Mr. Sona	Meeting	1			200			
Conduct field visits with banks to review potential green financing projects	Mr. Sona	Site visit		1			3,000		

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 Third Quarterly Progress Report 2022: July - September

Outputs/Activities/ Sub-Activities	CS 02 Responsible Consultants	Planned Narrative			Planned Budget (USD)			Remarks	
		Oct	Nov	Dec	Oct	Nov	Dec		
Meeting to establishing an agricultural supply chain adaptation facility, in which a partner financial institution (e.g., Rural Development Bank which is being encouraged to lend to cooperatives) can share some of the contract farmers' credit risk through first-loss guarantee	Mr. Sona	Meeting	1	1		200	200		
Meeting on climate smart lending platform and value chain financing options such as warehouse receipt financing scheme may also be considered.	Mr. Sona	Meeting	1	1		200	200		
Design a training program for agribusiness to understand green finance and CSA	Dr. Jason Mr. Sona	Training	1			200			
Meeting to select potential agribusiness to attend the training program	Mr. Sona	Meeting	1	1		200	200		
Conduct training for agribusiness on green finance and CSA	Mr. Sona	Training	1	1		2,000	2,000		



ANNEX 6: Details Implementation Irrigation & Water Management Program July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

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Annex 6. Details Implementation Irrigation & Water Management program July - September 2022

Annex 6.1 Status of Subprojects irrigation AWP 2020 (batch 1)

General information																				Contract Information																			
N	PROVINCE	Sub Project Name	Sub Project Number	Scope of Works	Location: Village, Commune, District	Command Area (Ha)	Market name	Beneficiaries			Women HH		ID poor				Progress and Date of							Procurement Process					Implementation Process										
								Total (HHs)	Total (person)	F	Total	F	Total	F	Total	F	CS05 involvement				CS-1 endorsement		ADB endorsement		Bidding process			Contract		Contract Start date.	Work Progress to date		Payment Progress to date	Date of Certificate of Completion					
																	FS	Topo survey	DED	Estimated price	Gender	Social Safeguard	IEE	FS	DED	FS	DED	Invitation to bid	BER (NOL)		ADB's NOL	Contract Award			Contractor name	price	Date	%	Ha
1	Kampot	Trapeang Run Reservoir Scheme	KP-TR-CW2	Rehabilitation Irrigation scheme	Tani commune, Ankor Chey district	100		1670	6,575	3,489		58	39	122	76	100%	100%	100%	632,097.00	100%	100%	100%	100%	100%	N/A	20-May-20	20-Oct-20	10-Jun-20	10-Nov-20	KBH	685,283.09	10-Nov-20	100%	100%	100.00	100%	04-Aug-21		
2		Takoch Reservoir Scheme	CFAVC MOWRAM-KPT CW12-1	Rehabilitation Irrigation scheme	Srae Khnong Commune, Chumkiri district	400		2,750	12,399	6,295		271	190	220	128	100%	100%	100%	757,200.00	100%	100%	100%	100%	100%	N/A	25-Jan-22	PRC approved 8 April 22				621,018.47	Not yet awarded waiting ADB NOL to Safeguard docs							
Sub-Total Kampot						500	2.00	4,420	18,974	9,784	0	0	329	229	342	204			1,389,297.00																				
3	Takeo	Prey Kdoch Reservoir Scheme	CFAVC MOWRAM-TEO-CW15.1	Rehabilitation Irrigation scheme	Trapeang Kranhoung commune, Trankak district	550	Lumpung Kasikam Samaky	1,173	7,389	3,796		296	159	595	305	100%	100%	100%	1,749,735.00	100%	100%	100%	100%	100%	N/A	18-Mar-21	11-Aug-21	25-Jun-21	03-Jan-22	KBH	1,392,848.85		90%	100%	550.00	68.27%			
4		Kraing Empil Reservoir Scheme	CFAVC MOWRAM-TEO-CW15.1	Rehabilitation Irrigation scheme		200	Sdok Sdom	2,302	9,453	4,882		33	24	67	33	100%	100%	100%			100%	100%	100%	100%	100%	N/A	18-Mar-21	11-Aug-21	25-Jun-21			03-Jan-22			90%	100%	200.00		
Sub-Total Takeo						750		3,475	16,842	8,678	0	0	329	183	662	338			1,749,735.00																				
5	Tbong Khmum	Kbal Teuk Reservoir Scheme	CFAVC-MOWRAM-TBM-CW13.1	Rehabilitation Irrigation scheme	Preah Theat commune, O'Raing Ov district	250	DamBae Rungroeng	704	3,215	1,504		175	90	178	84	100%	100%	100%	2,565,971.00	100%	100%	100%	100%	100%										98%	245.00				
6		Tuol Pring Reservoir Scheme	CFAVC-MOWRAM-TBM-CW13.1	Rehabilitation Irrigation scheme	Mong Reiv commune, Tboung Khmum district	100															100%	100%	100%	100%	100%	10-Mar-21	15-Mar-21	28-Jul-21	11-Feb-21	02-Aug-22	Soeun Soknan	2,234,441.33	02-Aug-21	09-May-22	98%	98.00	23.76%	02-Oct-22	
7		Trapeang Tros Reservoir Scheme	CFAVC-MOWRAM-TBM-CW13.1	Rehabilitation Irrigation scheme	Thmar Pich commune, Tboung Khmum district	350																100%	100%	100%	100%	100%								10%	35.00				
Sub-Total Tbong Khmum						700	2.00	704	3,215	1,504		175	685	1,844	964			2,565,971.00																					
8	Kampong Cham	Pram Kompheak Reservoir Scheme	CFAVC MOWRAM-KPC-CW14.1	Rehabilitation Irrigation scheme	Lvea Leu & Svay Teap commune, Chamka Leu district	950	Sambo Meanchey	2511	10,991	5,480	328	275	103	375	97	100%	100%	100%	2,589,444.00	100%	90%	100%	100%	100%	N/A	27-Aug-21	25-Mar-22	04-Jan-22						0.00			171,419.53		
9		O'kamprok Feeding Canal	CFAVC MOWRAM-KPC-CW14.1	Rehabilitation Irrigation scheme	Soupheas commune, Steung Trang district	350	Steung Trang Senchey															100%	100%	100%	100%	100%	N/A	27-Aug-21	25-Mar-22	04-Jan-22				0.00					
Sub-Total Kampong Cham						1,300	2.00	2,511	10,991	5,480	328	0	275	103	375	97			2,589,444.00																				
Grand total Batch I						3,250	6.00	11,110	50,022	25,446	328	0	1,108	1,200	3,223	1,603			8,294,447.00																				

Subprojects AWP 2021 (Batch 2)

General information																										Contract information																																									
No	PROVINCE	Sub Project Name	Sub Project Number	Scope of Works	Location Village, Commune, District	Command Area (Ha)	Market name	Beneficiaries					Women HH		ID poor				Progress and Date of												Procurement Process					Implementation Process																															
								Total (HHs)	Total (person)	F	Total	F	Poor 1		Poor 2		CS05 involvement					CS-1		ADB Reviews and NOL		Bidding process			Contract		Contract Start date	Work Progress to date		Payment Progress to date	Date of Certificate of Completion																																
													Total	F	Total	F	FS	Topo survey	DED	Estimated price	Gender	Social Safeguard	IEE	FS	DED	FS	DED	Invitation to bid	BER (NOL)	ADB's NOL		Contract Award	Contract or name			price	Date	%	Ha																												
10	Sub-Total Kampot	Kandoal Feeding Canal	CFAVC-MOWRAM-KPT CW12.2B	Rehabilitation Irrigation scheme	Kandoal & Thmei commune, Teuk Chhou district	750		1,301	6,578	3,532						100%	100%	100%							13-Jul-22	12-Aug-22																																									
11		Bravoek Pong Reservoir Scheme	CFAVC-MOWRAM-KPT CW12.2B	Rehabilitation Irrigation scheme	Trapeang Pring & Koun Sath commune, Teuk Chhou district	70		830	5,247	1,773			54	0	117	0	100%	100%	100%							13-Jul-22	12-Aug-22																																								
12		Trapeang Boeung Reservoir Scheme	CFAVC-MOWRAM-KPT CW12.2A	Rehabilitation Irrigation scheme	Tramaeng, Kraing Sbov and Sath Pong commune, Chhouk district	800		1,238	7,301	2,493			37	0	43	0	100%	100%	100%							13-Jul-22	12-Aug-22																																								
Sub-Total Kampot																												1620		3,369	19,126	7,798	0	0	91		160	0																													
13	Takeo	Chrouk1 + Phlov Touk Feeding Canal	CFAVC-MOWRAM-TEO-CW15.2	Rehabilitation Irrigation scheme	Phnom Den, Kiri chong koah and Kamnap commune, Kirivong district	975	Tonloap	1,029	6,447	2,204	196	196	23	15	89	43	35%	100%	100%																																																
14		Prey Romdeng Feeding Canal	CFAVC-MOWRAM-TEO-CW15.2	Rehabilitation Irrigation scheme	Prey Romdeng, Ta Ou & Thnoat Chong Srang commune, Kirivong district	650	Ang Tasom	0										35%	100%	100%																																															
15		Kwaeng Tayee Feeding Canal	CFAVC-MOWRAM-TEO-CW15.2	Rehabilitation Irrigation scheme	Prey Yuthka Commune, Koah Andaet district	970	Ang Tasom	1,369	6,272	3,270			61	40	95	54	35%	100%	100%																																																
Sub-Total Takeo																												2595		2,398	12,719	5,474	196	196	84	55	184	97																													
16	Tbong Khmum	Tboung Damrei Reservoir Scheme	CFAVC-MOWRAM-TBM-CW13.2	Rehabilitation Irrigation scheme	Chhouk commune, Krouch Chmar district	600	Ou Reang Ov	4,076	14,051	7,430							100%	100%	100%							27-Apr-22	Bid opening 27 May-22 BER ongoing																																								
17		Kampong Raing Feeding Canal	CFAVC-MOWRAM-TBM-CW13.2	Rehabilitation Irrigation scheme	Seda communes, Dambae district	350	Soung	908	3,509	1,781	112	112	56	36	162	81	100%	100%	100%							27-Apr-22	Bid opening 27 May-22 BER ongoing																																								
Sub-Total Tbong Khmum																												950		4,984	17,560	9,211	112	112	56	36	162	81																													
18	Kampong Cham	Teuk Char West Reservoir Scheme	CFAVC-MOWRAM-KPC-CW14.2	Rehabilitation Irrigation scheme	Beung Nay & Sampong commune, Prey Chhor district	980	Phaav, Tumrup, Sandaek	2,228	10,452	5,500							10%	100%	10%																																																
19		Po Tatress Reservoir Scheme	CFAVC-MOWRAM-KPC-CW14.2	Rehabilitation Irrigation scheme	Trab & Taing Krasaing commune, Batheay district	950	Skun, Wat Thmey	1,790	7,666	3,961								30%	100%	30%																																															
Sub-Total Kampong Cham																												1,930		4,018	18,118	9,461	0	0																																	
Grand total Batch II																												7,095		14,769	67,523	31,944	308	308	231	91	506	178																													

Annex 6.3 Status of Irrigation Subprojects AWP 2022 ((Batch III)

General Information														Contract Information																										
N	PROVINCE	Sub Project Name	Scope of Works	Location Village, Commune, District	Command Area (Ha)	Coordinates (UTM: 48 P)		AC name	Market name	Beneficiaries			ID poor				Progress and Date of								Procurement Process						Implementation Process									
										Total (HHs)	Total (person)	F	Poor 1		Poor 2		CS05 involvement				CS-1		ADB Reviews and NOL		Bidding process			Contract			Contract Start date	Work Progress to date		Payment Progress to date	Date of Certificate of Completion					
													Total	F	Total	F	FS	Topo survey	DED	Estimated price	Gender	Social Safeguard	IEE	FS	DED	FS	DED	Invitation to bid	BER (NOL)	ADB's NOL		Contract Award	Contractor name			Price	Date	%	Ha	
																								FS	Topo survey	DED	Estimated price	Gender	Social Safeguard	IEE	FS	DED	FS	DED	Invitation to bid	BER (NOL)	ADB's NOL	Contract Award	Contractor name	Price
20	Kampot	Broteak Krola Reservoir Scheme (Back-up)	Rehabilitation Irrigation scheme	Koun Sath commune, Kampot district	650	421827	1172562	Chamreun Chey Preyao																																
Sub-Total Kampot					650			4.00																																
21	Takeo	Pralay 95 Feeding Canal	Rehabilitation Irrigation scheme	Krapum Chhuk commune, Koah Andaet district	850	497485	1184405	Kiri Udom Ta Ou																																
22		Pralay 42 Feeding & pumping Station	Rehabilitation Irrigation scheme	Rominh, Prey Khla commune, Koah Andaet district	650	492372	1191420	Udom Sorya																																
23		O' Rumdoul Reservoir Scheme	Rehabilitation Irrigation scheme	Tram kak commune, Kirivong district	210	451625	1206130	Samaky Meanchey																																
24		Sdok Sab Reservoir Scheme	Rehabilitation Irrigation scheme	Samroang commune, Tramkak district	300	586531	1345733	Punleu Kasikar																																
25		Pou Tasuy Reservoir Scheme	Rehabilitation Irrigation scheme	Kampeng commune, Kirivong district	440	602326	1348505	Phum Boeng Amatak																																
26		Ta Oum Reservoir Scheme (Back up)	Rehabilitation Irrigation scheme	Kus commune, Tram Kak district	350	452467	1210988	Cheung Kuon Choukchey																																
Sub-Total Takeo					2800	521112	1347610	6.00																																
27	Tbong Khmum	Trapeang Ampil Reservoir Scheme	Rehabilitation Irrigation scheme	Chi Kor commune, Tboung Khmum district	200	564088	1310596	Chey Nikum Meanchey																																
28		Choam Taheung Reservoir Scheme	Rehabilitation Irrigation scheme	Teuk Chrov & Chong Cheach commune, Dambae district	987	602958	1316815	Seda Meanchey	Dam Bae, Steung																															
Sub-Total Tbong Khmum					1187			4.00																																
29	Kampong Cham	Teuk Char East Reservoir Scheme	Rehabilitation Irrigation scheme	Beung Nay, Krouch, Kor, Prey Chhor and So Saen commune, Prey Chhor district	980	520444	1339361	Akpiwat Srok Yoeung	Sdeung Chey, Skun	2,650	2,601																													
Sub-Total Kampong Cham					980			2.00																																
Grand total Batch III					5,617			16.00																																



ANNEX 7: Details Implementation Farm Road Program July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

**THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER**

Prepared by

Annex 7. Details Implementation Farm Road Program July - September 2022

Annex 7.1 Progress Farm Roads as per 30 September 2022

Status of AWP 2020 Subprojects (Batch I)

General information																																				
No	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location: Village, Commune, District	Estimate Cost US\$	Unit 1	Length	AC name	Market name	Subproject preparation process												Procurement Process					Implementation Process							
												FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	Social Safeguard	IEE/EMP	1 ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)	Contract Award	Contractor name	Contract price	Contract Start date	Work Progress		Payment Progress	Completion (Completed Certificatd)		
																							%	Km												
1	Kampot	Rovieng - Chres	CW17a-CFAVC MRD-KP-01-2020	4	Rural Road improvement (DBST)	Chres village, Chres commune, Chumkiri district	1,488,481.62	Km	11.948	Raksmei Samaky Amatak	Chum Kiri and Trapeang Thkov	100%	100%	100%	100%	100%	100%	100%	100%	Completed submit to ADB for initial review 2 June 2021	ADB confirmed satisfactory 1 Jul 2021	MRD submission to ADB for NOL 7 Jul 2021.	ADB NOL IEE/EMP 9-Jul-21	100%	Invitation to bid 10 Aug 21, bid opening scheduled 9 Sept 2021	BER finalized submit to ADB 2 Nov 2021	29-Jun-22	Royal Mekong Construction & Development Pte. Ltd	1,266,929.22	3-Oct-22	0%	0				
2		Kamnab - Srae Chaeng	CW17a-CFAVC MRD-KP-02-2020	4	Rural Road improvement (DBST)	Kam Nab village, Srae Chaeng commune, Chum Kiri district	1,046,898.43	Km	8.104	Kasekor Samaki Rung Roeng	Trapeang Andeuk	100%	100%	100%	100%	100%	100%	100%							29-Jun-22		877,375.76		0%	0						
Sub-Total Kampot							2,535,380.06		20.052	2.00																	2,144,304.98									
3	Takeo	Phlov Lek 122 (Klong Tvea Wat Totea)- Phlov Tonle Bati	CW17b-CFAVC MRD-TK3-2020	1	Rural Road improvement (DBST)	Khmar Tung village, Kumareachea-Lumpong commune, Bati district	1,420,261.51		10.000	Lumphong Samaky	Samrong Yong, Batroka and Chambok	100%	100%	100%	100%	100%	100%	100%	100%	ADB provide NOL to DRP 10th Sept 21 (Compensation was done from the 8th-10th Dec 2021). GDR letter handover to MRD 23 Dec 2021		20-Jul-2020	ADB NOL IEE/EMP Nov-2020	3	100%	Invitation to bid 19 Mar 2021, bid opening schedule 12 May 2021	BER submitted to ADB for NOL to Lot 2 (5 Jul-2021), and receive NOL on the 12 Oct 2021 and Lot 1 on the 8 Nov 21	18-Jan-22	Henan Water Construction Group Co., Ltd.	1,243,719.86	21-Jan-22	40%	4.00	322,553.12		
4		Wat Ang Andaeat-Rumchek-Kraing Ampil	CW17b-CFAVC MRD-TK4-2020	1	Rural Road improvement (DBST)	Rum Check-Thnoat village, Taing Yab commune, Prey Kabas district	907,354.22		4.670	Sdok Sdom	Prey Lvea, Saiva market	100%	100%	100%	100%	100%	100%	100%							18-Jan-22	Hout Chhoeun Construction Co., Ltd.	879,298.64	26-Jan-22	80%	3.736	380,614.66					
Sub-Total Takeo							2,327,615.73		14.670	2.00																		2,123,018.50			7.74	703,167.78				
5	Thong Khmum	RN73- Khcheay-Wat Thmey	CW17c-CFAVC MRD-TBK-5-2020	2	Rural Road improvement (DBST)	Khcheay village, Dambae commune, Dam Bae district	1,512,021.45		9.774	DamBae Rungroeng	Tam Bae, Steung	100%	100%	100%	100%	100%	100%	100%	100%	This DDR was already uploaded in the ADB website in March 2022. The contractor has just mobilized the equipment to the site and has set up the campsite. The Next SMR will describe in more details.		26-Jan-21	ADB NOL IEE/EMP 13 May 2021	100%	Invitation to bid 2 June 21, bid opening scheduled 2-Jul-2021	BER submitted to ADB for NOL 29-Jul-21, ADB provided NOL 25 Oct 2021	17-May-22	Heng Sambath Co., Ltd Import Export Transportati on and Construction	1,239,711.20	26-May-22	10.39%	1.016	268,431.00			
6		Ta Pao-Sangkum Meanchey	CW17c-CFAVC MRD-TBK-6-2020	2	Rural Road improvement (DBST)	Bei Maet village, Toul Snoul commune, Krouchmar district	1,685,110.88		12.000	Kdey Songkhuem Kaksekor	Soung, Dambae, Kraek and Trapeang Phlong	100%	100%	100%	100%	100%	100%	100%							17-May-22		1,444,588.37	26-May-22	21.67%	2.600						
Sub-Total Thong Khmum							3,197,132.33		21.774	2.00																		2,684,299.57			3.62	268,431.00				
7	Kampong Cham	Sambo-Sopheas	CW17d-CFAVC MRD-KC7-01-2020	3	Rural Road improvement (DBST)	Sambo, Poprok, Strap and Sopheas village, Sopheas commune, Steung Trang district	1,280,831.31		9.882	Sambo Meanchey	Ta Ong, Speu, Chamkar Leur, Me Sar Chrey and Steung Trang	100%	100%	100%	100%	100%	100%	100%	100%	NOL from ADB on 12th Apr 2022 (signed contract on 09 May 2022)			ADB NOL to IEE/EMP 18-May-21	100%	Invitation to bid 2 June 21, bid opening scheduled 2-Jul-2021	BER submitted to ADB for NOL 29-Jul-21, ADB provided NOL 25 Oct 2021.	9-May-22	MTA Construction Co., Ltd.	1,103,011.81	15-Aug-22	5%	0.494	171,419.53			
8		Sopheas-O'Beng	CW17d-CFAVC MRD-KC8-02-2020	3	Rural Road improvement (DBST)	Sopheas commune, Steung Trang district	736,328.11		4.721	Steung Trang Senchey	Ta Ong, Speu, Chamkar Leur, Me Sar Chrey and Steung Trang	100%	100%	100%	100%	100%	100%	100%	NOL on Green zone by 22nd August 2022 • DRP was already uploaded in the ADB website in March 2022 • Compensation made 18 Aug 22 • https://www.adb.org/projects/documents/cam-48409-002-rp-0. Compensation completed (18 Aug 22)																	
Sub-Total Kampong Cham							2,017,159.42		14.603	2.00																			1,714,195.29			0.73	171,419.53			
Grand total AWP 2020							10,077,287.54		71.099	8.00																			8,665,818.34			12.08	1,143,018.31			

Annex 7.2 Progress for Farm Road Program as per 30 September 2022

Status of AWP 2021 Subprojects (Batch II)

General information													M&E requirement																										
No	Provinces	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location Village, Commune, District	Estimate Cost US\$	Unit 1	Length	AC name	Market name	Unit 2	Subproject preparation process										Procurement Process					Implementation Process										
Cumulative Progress (Unit 2)													FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	DDR	IEE	1 ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)	Contract Award	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion (Completed Certificated)				
1		Trapeang Ta Meas-O'Kandoal		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 1)	9	Rural Road improvement (DBST)	Trapeang Tameas, Khcheay Khang Lech, Khcheay Khang Keut and O'Kandoal village, Damnak Sokrom commune, Dang Tong district	2,201,113.23	Km	6.395	Ratanak Polroth Samaki	Dong Tung		100%	100%	100%	0%		100%				02-May-22																
2		Prey Kraing Khang Cheung-Trapeang Chhuk		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 1)	9	Rural Road improvement (DBST)	Prey Kraing Khang Cheung, Prey Kraing Khang Tboung and Trapeang Chhuk village, Meanrith commune, Dang Tong district		Km	6.568	Prey kraing Meanrith	Dong Tung		100%	100%	100%	0%		100%				02-May-22																
3		NR No.41-Snay Anchet- Thlok Yul		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 2)	5	Rural Road improvement (DBST)	Snay Anchet, Prey Khcheay, Roka Thmei Doung, Thlok Yul and Prey Khmao village, Snay Anchet commune, Chum Kiri district	1,403,944.77	Km	3.817	Samaky Amatak	Chum Kiri		100%	100%	100%	0%		100%				02-May-22																
4		Trapeang Run-Bariveas		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 2)	5	Rural Road improvement (DBST)	Trapeang Run, Damnak Chambak and Damnak Trapeang village, Samrong Leur commune, Banteay Meas district.		Km	5.281	Sen Han Chamroeun phal	Tram Sar Sar		100%	100%	100%	0%		100%				02-May-22																
Sub-Total Kampot								3,605,058.00	Km	22.061	4.00																												
6	Takeo	Phlov Lek 132 - Phum Ang Trao - Phum Steung		CW17b-CFAVC-MRD-TK1A-Batch 2 (Lot 1)	6	Rural Road improvement (DBST)	Ang Trao, Trapeang Kranh, Thnaot Chum and Stueung village, Ou Saray commune, Tramkak district	2,131,618.83	Km	8.203	Samaky Trapeang Kralanh	Ang Tasom		100%	100%	100%	0%		100%				02-May-22																
7		NR No. 3- Trao Aem- Phum Steung		CW17b-CFAVC-MRD-TK1A-Batch 2 (Lot 1)	6	Rural Road improvement (DBST)	Ang Baksey, Trao Aem, Prey Chuor, Prey Mean and Prey Chheutreal village, Cheang Tong& Popel communes, Tramkak district		Km	5.773	Baksey Rikreay	Ang Tasom		100%	100%	100%	0%		100%				02-May-22																
8		NR No. 3- Yeay La-Trapeang Chak		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Trapeangchak and Yeay La village, Tramkak commune, Tramkak district, Takeo		Km	3.385	Samaki Trapeang Chak			100%	100%	100%	0%		100%				02-May-22																
5		Chi Moreas-Tapao		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Chi Moreas, Tapao, Prasat, Pou Bay, Ang Khcheay and Han Tea village, Kampeng commune, Kirivong district	1,925,035.17	Km	5.406	Kampeng Soksen Sambo	Tonloap		100%	100%	100%	0%		100%				02-May-22																
9		Trapeang Srangae- Ang Thnoat Khang Lech		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Trapeang Srangae, O'Phot and Ang Thnoat Khang Lech village, Angtasom commune, Tramkak district, Takeo		Km	3.970	Trapeang Srangae			100%	100%	100%	0%		100%				02-May-22																
Sub-Total Takeo								4,056,654.00		26.737	5.00													02-May-22															

General Information															M&E requirement																											
No	Provinces	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location Village, Commune, District	Estimate Cost US\$	Unit 1	Length	AC name	Market name	Unit 2	Subproject preparation process	Procurement Process					Implementation Process																						
10	Thoung Khmum	Plov Wat Chroul-Chamkar Ko-Kbal Thnal		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Chamkar Kor, Chroul, Trapeang Kandal, Trach Chrum, Deum Changkran and Kbal Thnal village, Chak and Toul Sophi commune, Ou Reang Ov district	2,247,270.00	Km	8.110	Samaki Meanchey	Ou Reang Ov		100%	100%	100%	0%	100%			100%								02-May-22													
11		NR No.73- Sralab-Phum Smounh		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Sralab, Smounh, Lvea Thum and Thlok Pongro villages, Sralab and Lgeang communes, Tbong Khmum district		Km	5.437	Lngieng Meanchey	Soung		100%	100%	100%	0%	100%			100%																					02-May-22
13		NR No.73- Kok Srok		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Kok Srok village, Koksrok commune, Dambae district		Km	2.823	Baltong Kok Srok	Dambaer		100%	100%	100%	0%	100%			100%																				02-May-22	
12		Phum Samreuy-Koki		CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Phum Ang Keng, Samreuy and Trapeang Santhey and Koki village, Kak commune, Ponhea Kraek district		Km	4.908	Samaki Kak	Steung		100%	100%	100%	0%	100%			100%																				02-May-22	
13		Toul kandal-Toul Chan		CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Khsak, Toul Kandal and Toul Chan villages, Popel commune, Ponhea Kraek district	2,343,017.36			2.789	Popel Meanchey	Steung		100%	100%	100%	0%	100%			100%																				02-May-22
14		Phlov Phum Popel		CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Popel village, Popel commune, Ponhea Kraek district		Km	1.446	Akphiriek Ponhea Kraek Dambae	Dambae, Steung		100%	100%	100%	0%	100%			100%																					02-May-22
15	NR No.7 - Andoung Chung-La		CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Lar village, Kaong Kang commune, Ponhea Kraek district		Km	3.748	Ponhea Kraek Rongroeng	Steung		100%	100%	100%	0%	100%			100%																					02-May-22	
Sub-Total Tbong Khmum								4,590,287.36	Km	29.261	7.00																															
17	Kampong Cham	Andoung Snay-Sdok Thom		CW17d-CFAVC-MRD-KC-1A&2A-Batch 2 (Lot 1)	12	Rural Road improvement (DBST)	Andoung Snay, Cheung Prey, Trabaek, Trayong Pong and Sdok Thom villages, Cheung Prey and Tang Krasang commune, Batheay district	1,417,291.71	Km	3.925	Akphivath Muthan Yeung	Phaav, Tumnup, Sandaek		100%	100%	100%	0%	100%			100%																					02-May-22
18		Trapeang Kor (NR6)- Trapeang Thmar		CW17d-CFAVC-MRD-KC-1A&2A-Batch 2 (Lot 1)	12	Rural Road improvement (DBST)	Tra Peang Kor, Krangoak, Saang and Trapeang Thmar village, Tra Peang Kor commune, Prey Chhor district		Km	5.500	Akphikwat Kaksikor	Skun, Wat Thmey		100%	100%	100%	0%	100%			100%																					02-May-22
19		Pou Sala Ti Mouy (NR70)- Sach Sour		CW17d-CFAVC-MRD-KC-1A&2A-Batch 2 (Lot 2)	8	Rural Road improvement (DBST)	Phum Pou Sala Ti Mouy, Sach Sour, Damnak Chrey, Damnak Snay and Peam Chi kong villages, Peam Chi Kong and Prek Krabao commune, Kang Meas district	697,620.00	Km	4.983	Punlorik Thmey	Peam Chi Kang		100%	100%	100%	0%	100%			100%																					02-May-22
20		Dankao- Trapeang Bei		CW17d-CFAVC-MRD-KC-1A&2A-Batch 2 (Lot 2)	8	Rural Road improvement (DBST)	Ampil Thum, Preah Theat, Dankor, Baray, Prey Rumdeng, Trapeang Bei and Sankae villages, Prey chhor, Khvet Thum and Baray communes, Prey Chhor district, Kampong Cham	1,071,980.00	Km	7.657	Samaki Baray Andong AAng	Prey Toteung		100%	100%	100%	0%	100%			100%																					02-May-22
Sub-Total Kampong Cham								3,186,891.71	Km	22.065	4.00																															
Grand total Batch II								15,438,891.07		100.124	20.00																															

Annex 7.3 MRD Contract Register Update as of Aug 2022

Status of AWP 2022 Subprojects (Batch III)

No	Provinces	Sub Project Name	PCSS No. Assigned	Sub Project #	Package No.	Scope of Works	Location Village, Commune, District	Estimate Cost US\$	Unit 1	Length	AC name	Market name	Contract date	Contract Value	Contractor name	Start date	Unit 2	IMPLEMENTATION PROGRESS																	
																		Subproject preparation process (60%)						Procurement Process (Scores: 15%)			Implementation Process (25%)								
1	Kampot	Prey Yav		CW17b-CFAVC-MRD-KP1-2022		Rural Road improvement (DBST)	Sre Knung commune, Chum kiri	0.00			Chamreun Chey Preyao							100%	100%	55%					60%					70%					
2		Prey Chheu Neang-Ponhea Ankor		CW17b-CFAVC-MRD-KP1A-Batch 3		Rural Road improvement (DBST)	Wat Ang Khaing Chheung, Banteay Meas	1,861,800.00		12.390	Pohnea Angkor Chamreun Chey							100%	100%	55%					60%					70%					
3		Svay Paem- Toteum		CW17b-CFAVC-MRD-KP3-2022		Rural Road improvement (DBST)	Wat Angk Khang Chheung commune, Banteay Meas District	0.00			Svay Phaem Chamroen Phal							100%	100%	55%					60%					70%					
4		Teuk Kraham		CW17b-CFAVC-MRD-KP4-2022		Rural Road improvement (DBST)	Kandal commune, Tuek Chhou district	0.00			Tuek Kraham Akhiewat Rik Chamroen							100%	100%	55%					60%					70%					
Sub-Total Kampot								1,861,800.00		12.390	4.00			0.00																					
5	Takeo	Trapeang Pring- Cheav Pdei Khang Keut		CW17b-CFAVC-MRD-TK1A-Batch 3 (Lot 1)		Rural Road improvement (DBST)	Ta Ou commune, Kirivong district			4.510	Kiri Udom Ta Ou							100%	100%	55%					60%					70%					
6		Trapeang Trakiet- Svay Prey		CW17b-CFAVC-MRD-TK1A-Batch 3 (Lot 1)		Rural Road improvement (DBST)	Udom Sorya commune, Tramkok district	2,789,600.00		9.040	Udom Sorya							100%	100%	55%					60%					70%					
7		Prey Kdouch- Phlov Lok		CW17b-CFAVC-MRD-TK1A-Batch 3 (Lot 1)		Rural Road improvement (DBST)	Trapeang Kranhoung commune, Tramkok district			6.530	Samaky Meanchey							100%	100%	55%					60%					70%					
8		Khnach Khang Tboung-Bei Pey		CW17b-CFAVC-MRD-TK2A-Batch 3		Rural Road improvement (DBST)	Romoan village, Boeung Tranh Khang Cheung commune, Samroang district			6.660	Punleu Kasikar							100%	100%	55%					60%					70%					
9		Deum Thlok- Prey Nheuk		CW17b-CFAVC-MRD-TK2A-Batch 3		Rural Road improvement (DBST)	Chum Reas Pen commune, Samroang district	2,662,000.00		5.690	Phum Boeng Amatak							100%	100%	55%					60%					70%					
10	Tamau-Trapeang Vihear		CW17b-CFAVC-MRD-TK2A-Batch 3		Rural Road improvement (DBST)	Cheung Koun village, Cheung Koun commune, Samroang district			6.080	Cheung Kuon Choukchey							100%	100%	55%					60%					70%						
Sub-Total Takeo								5,451,600.00		38.510	6.00			0.00																					
11	Tbong Khmum	Chey Nikum- Char Steung Tathok		CW17c-CFAVC-MRD-TBK-1A-Batch 3			Kandal Chhrom commune, Ponhea Kraek district			5.800	Chey Nikum Meanchey							100%	100%	55%					60%					70%					
12		Seda Senchey-Rumpeak 2		CW17c-CFAVC-MRD-TBK-1A-Batch 3			Sedasenchey village, Dambae commune, Dambae district	2,942,050.00		7.640	Seda Meanchey	Dam Bae, Steung						100%	100%	55%					60%					70%					
13		Sen Prapey- Kampey		CW17c-CFAVC-MRD-TBK-1A-Batch 3			Rumchek commune, Memot district			2.020	Rumchek Meanchey	Soung						100%	100%	55%					60%					70%					
14		Dar Phsar- Spear		CW17c-CFAVC-MRD-TBK-1A-Batch 3			Da commune, Memot district			6.600	Dar-Memot Pepper	Soung						100%	100%	55%					60%					70%					
Sub-Total Tbong Khmum								2,942,050.00		22.060	4.00			0.00																					
15	Kampong Cham	Tumpor- Sa Ang		CW17d-CFAVC-MRD-KC-1A-Batch 3			SoYak Sen commune, Prey Chhor district	1,483,190.00		3.230	Akpiwat Srok Yoeung	Sdeung Chey, Skun						100%	100%	55%					60%				70%						
16		Kandal Khnhong-Ankorchey Leu		CW17d-CFAVC-MRD-KC-1A-Batch 3			Moha Khnhong commune, Kaoh Sotin district			4.550	Sammky Mohaknhoung							100%	100%	55%					60%					70%					
Sub-Total Kampong Cham								1,483,190.00		7.780	2.00			0.00																					
Grand total Batch III								9,876,640.00		80.740	16.00																								



ANNEX 8: Details Social Safeguard Monitoring July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

Annex 8. Details Social Safeguard Monitoring July - September 2022

Annex 8.1 MAFF CW PROGRAM

No.	Package Number	Lot and Subproject Name	AWP	N. of Sub-project per package	FS Status	GDR Validation/Confirmation	DRP Preparation and Implementation status			Third Party Validation	Progress of document preparation and submission				Remarks on any issues	Bid preparation (not yet started, done, progressing)	Planned contract award (Date)	Financial Payment	Physical Progress	
					FS-Social Part completed? (Yes, No, Progressing)	Done/To be done	Yes/No/NA	DMS done by IRC (Yes/No)	DRP Prepared (Yes/No)	DRP Implementation status (Not yet, progressing, completed)	To verify by ITP Yes/No/NA	Doc to prepare for this sub-project/lot (DDR, DRP)	Staus of doc preparation (not yet, progressing, completed)	Staus of doc submission to ADB	Satus of doc/comments received from ADB					Action to be done
1.d AGRICULTURAL COOPERATIVES																				
1	CW3a Lot1	20 Units, 4 Provinces	2020	5	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done		100%	100%	
2	CW3a Lot2		2020	5	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done		100%	100%	
3	CW3a Lot3		2020	5	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done		100%	100%	
4	CW3a Lot4		2020	5	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done		100%	100%	
5	CW3b1, Lot 1	Lot 1, KPT, 8 Units	2021	8	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	On going of resubmission (clarify)	Progressing	The updated DDR was resubmitted on 27 Sep 2022 to ADB	Done				
6	CW3b1, Lot 2	Lot 2, TK 13 Units	2021	13	Done	Done	N/A	N/A	N/A	N/A	DDR	Done		Progressing		Done				
7	CW3b2, Lot 1	Lot 1 KPC 4 Units	2021	4	Done	Done	N/A	N/A	N/A	N/A	DDR	Done		Progressing		Done				
8	CW3b2, Lot 2	Lot 2, TBK 10 Units	2021	10	Done	Done	N/A	N/A	N/A	N/A	DDR	Done		Progressing		Done				
9	CW3b3, Lot 1 KPT	f 25 (KPC 1, TBK 1, KPT)	2022	25-Dec	Not yet started	Done	N/A	N/A	N/A	N/A	DDR	Progressing		Progressing	Ready by early Nov 2022 and the other 13 remaining units of AC storage will be followed the PP	Done				
10	CW3b3, Lot 2 TK		2022		Not yet started	Done	N/A	N/A	N/A	N/A	DDR	Progressing		Progressing		Done				
11	CW3b3, Lot 3 KPC		2022		Not yet started	Done	N/A	N/A	N/A	N/A	DDR	Progressing		Progressing		Done				
12	CW3b3, Lot 4 TBK		2022		Not yet started	Done	N/A	N/A	N/A	N/A	DDR	Progressing		Progressing		Done				
1.e BIODIGESTER AND COMPOST HUTS																				
13	CW-19a Lot 1	500 Biodigesters and 250 Compost Huts, 4 provinces	2020	750	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Submitted to ADB for initial review on 25th Jul 2022	Done	12,000 Biodigesters & 6,000 Compost Huts and the agreement between the beneficiary and IA will be done once the contractor is mobilized	Done				
14	CW-19a Lot 2		2020		Done	Done	N/A	N/A	N/A	N/A	DDR	Done		Done		Done	Done			
15	CW-19a Lot 3		2020		Done	Done	N/A	N/A	N/A	N/A	DDR	Done		Done		Done	Done			
16	CW-19a Lot 4		2020		Done	Done	N/A	N/A	N/A	N/A	DDR	Done		Done		Done	Done			
2.d PADC																				
17	CW-4 Lot1 PADC	3 PADC (TK, KPC & TBK)	2020	1	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done				
18	CW-4 Lot2 PADC		2020	1	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done				
19	CW-4 Lot 3 PADC		2020	1	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done				
2.e AGRICULTURAL WORKSHOPS																				
20	CW7 Lot1 MEW	MEW (KPT, KPC & TBK)	2020	1	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done				
21	CW7 Lot2 MEW		2020	1	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done				
22	CW7 Lot 3 MEW		2020	1	Done	Done	N/A	N/A	N/A	N/A	DDR	Done	Completed	Done	Final Inpection was done	Done				

Annex 8.2 Social Safeguard Tracking Update Sept. 2022 - Irrigation Program

No	Subproject Name	Package Number	AWP	Command Area (Ha)	IOL/SES Completed as per DED						GDR Validation/Confirmatio		DRP Preparation and Implementation status				Third Party Validation			Progress of document preparation and submission				
					FS-Social Part completed? (Yes, No, Progressing)	IOL / SES Preparation (Yes, No, Progressing)	Expected IOL / SES completion date	If IOL/SES completed, is this sub-pro involving donation? (Y/N)	Progress of donation preparation (Yes, No, Progressing)	Expected donation completion date	Done/To be done	Expected validation completion (date)	Yes/No/NA	DMS done by IRC (Yes/No)	DRP Prepared (Yes/No)	DRP Implementation Staus (Not yet, progressing, completed)	To verify by ITP (Yes/No/NA)	Status of verification (not yet, progressing, done)	Final report/confir mation by ITP (not yet/confirmed)	Doc to prepare for this sub-project/lot (DDR, DRP)	Staus of doc preparation (not yet, progressing, completed)	Staus of doc submission to ADB	Satus of doc/comme nts received from ADB	
1	Trapeang Run	KP-TR-CW2	2020	100	Yes	Yes	Done	Yes	Yes	Done	Done	Done	No				Yes	Done	Confirmed	DDR	Completed	Done	Approved	
2	Kbal Teuk	CFAVC-MOWRAM-TBM-CW13.1		250	Yes	Yes	Done	Yes	Yes	Done	Done	Done	Done	No				Yes	Done	Confirmed	DDR	Completed	Done	Approved
3	Tuol Pring			100																				
4	Trapeang Tros	CFAVC-MOWRAM-TBM-CW13.1 C		350	Yes	N/A	N/A	N/A	N/A	N/A	Done	Done	Yes	Done	Yes	Not yet	N/A	N/A	N/A	DRP	Completed	Submission	Approved	
5	Pram Kompheak	MOWRAM-KPC-CW14.1		950	Yes	Yes	Done	Yes	Yes	Done	Done	Done	No				Yes	Done	Confirmed	DDR	Completed	Sep-22	Oct-22	
6	O'kamprok			350																				
7	Prey Kdoch	MOWRAM-TKO-CW15.1		550	Yes	Yes	Done	Yes	Yes	Done	Done	Done	No				Yes	Done	Confirmed	DDR	Completed	Done	Approved	
8	Kraing Empil			200																				
9	Takoch	KPT-CW12-1		400	Yes	Yes	Done	Yes	Yes	Done	Done	Done	No				Yes	Done	Confirmed	DDR	Completed	Sep-22	Oct-22	
10	Kandoal	CFAVC-MOWRAM-KPT-CW12.2B	2021	750	Yes	No	Nov 22	N/A	N/A	N/A	To be done	Nov 22	N/A				N/A	N/A	N/A	DDR	Not yet	N/A	N/A	
11	Bravoek Pong			70																				
12	Trapeang Boeung	CFAVC-MOWRAM-KPT-CW12.2A		800	Yes	No	Nov 22	N/A	N/A	N/A	To be done	Nov 22	N/A				N/A	N/A	N/A	DDR	Not yet	N/A	N/A	
13	Tbong Damrei	MOWRAM-TBM-CW13.2		600	Yes	No	Nov 22	N/A	N/A	N/A	Yes	Done	N/A				N/A	N/A	N/A	DDR	Not yet	N/A	N/A	
14	Kampong Raing Feeding Canal			350																				
15	Teuk Char West	MOWRAM-KPC-CW14.2		980	Progressing	No	Jan 2022	N/A	N/A	N/A	Not Yet	December 2022	N/A				N/A	N/A	N/A	N/A	Not yet	N/A	N/A	
16	Po Tatress Reservoir Scheme			950																				
17	Chrouk1 + Phlov Touk Feeding Canal			975																				
18	Prey Romdeng Feeding Canal	CFAVC-MOWRAM-TKO-CW15.2		650	Done	No	August 2022	N/A	N/A	N/A	Not Yet	June 2022	N/A				N/A	N/A	N/A	N/A	Not yet	N/A	N/A	
19	Kwaeng Tayee		970																					
20	Trapeang Ampil	MOWRAM-TBM-CW13.3	2022	200	Progressing	No	May 2023	N/A	N/A	N/A	Not Yet	March 2023	N/A				N/A	N/A	N/A	N/A	Not yet	N/A	N/A	
21	Choam Taheung			987																				
22	Teuk Char East	MOWRAM-KPC-CW14.3		980	Progressing	No	March 2023	N/A	N/A	N/A	Not Yet	January 2023	N/A				N/A	N/A	N/A	N/A	Not yet	N/A	N/A	
23	Pralay 95	MOWRAM-TKO-CW15.3		850	Progressing	No	october 2022	N/A	N/A	N/A	Not Yet	July 2022	N/A				N/A	N/A	N/A	N/A	Not yet	N/A	N/A	
24	Pralay 42 pumping Station			650																				
25	O' Rumdoul			210																				
26	Sdok Sab	MOWRAM-TKO-CW15.4		300	Progressing	No	July 2023	N/A	N/A	N/A	Not Yet	May 2023	N/A				N/A	N/A	N/A	N/A	Not yet	N/A	N/A	
27	Pou Tasuy		440																					

Annex 8.3 Social Safeguard Update Farm Road Program September 2022

No.	Package Number	Lot and Subproject Name	Province	AWP	Road Length/Lot (km)	FS Status	IOL/SES Completed as per DED						GDR Validation/Confirmation		DRP Preparation and Implementation status				Third Party Validation			Progress of document preparation and submission				
							FS-Social Part completed? (Yes, No, Progressing)	IOL/SES Preparation (Yes, No, Progressing)	Expected IOL/SES completion date	If IOL/SES completed, is this sub-pro involving donation? (Y/N)	Progress of donation preparation (Yes, No, Progressing)	Expected donation completion date	Done/ To be done	Expected validation completion (date)	Yes/No/NA	DMS done by IRC (Yes/No)	DRP Prepared (Yes/No)	DRP Implementation status (Not yet, progressing, completed)	To verify by ITP Yes/No/NA	Status of verification (not yet, progressing, done)	Final report/confirmation by ITP (not yet/confirmed)	Doc to prepare for this sub-project/lot (DDR, DRP)	Status of doc preparation (not yet, progressing, completed)	Status of doc submission to ADB	Status of doc/ comments received from ADB	
1	CW17b-CFAVC-MRD-TK3&TK4-2020	Lot 1, Improve 1 Road,	Takeo	2020	10.000	Done							To be done		Yes	Yes	Yes	Done								
2		Lot 2, Improve 1 Road			4.670	Done									To be done		Yes	Yes	Yes	Done						
4	CW17b-CFAVC-MRD-TK3&TK4-2020	Lot 1, Improve 1 Road,			10.000	Done									To be done		Yes	Yes	Yes	Done						
5		Lot 2, Improve 1 Road			4.670	Done									To be done		Yes	Yes	Yes	Done						
6	CW17c-CFAVC-MRD-TBK5&TBK6-2020	Lot 1, Improve 1 Road,	Tboung Khnum	2020	9.770	Done	Done		Done	Done	N/A		To be done						Yes	Done	Done	DDR	Done	Done		
7		Lot 2, Improve 1 Road,			12.000	Done	Done		Done	Done	Done	N/A			To be done					Yes	Done	Done	DDR	Done	Done	
8	CW17d-CFAVC-MRD-KC7&KC8-2020	Lot 1, Improve 1 Road,	Kampong Cham	2020	9.882	Done							To be done		Yes	Yes	Yes	Done								
9		Lot 2, Improve 1 Road,			4.721	Done									To be done		Yes	Yes	Yes	Done						
10	CW17a-CFAVC-MRD-KP1&KP2-2020	Lot 1, Improve 1 Road	Kampong Cham	2020	11.948	Done	Done		Done	Done	N/A		To be done						Yes	Done	Done	DDR	Done	Progressing		
11		Lot 2, Improve 1 Road			8.104	Done	Done		Done	Done	Done	N/A			To be done					Yes	Done	Done	DDR	Done	Progressing	
12	CW17a-CFAVC-MRD-KP-01A & 02A-Batch 2	Lot 1: Rural Road improvement (DBST/Conc) 1. Trapeang Ta Meas-Ou Kandal 2. Prey Khang Khang Cheung-Trapeang Chhuk	Kampong Cham	2021	12.963	Done							To be done		Yes	No	N/A									
13		Lot 2: Rural Road improvement			9.098	Done									To be done		Yes	No	N/A							
14	CW17b-CFAVC-MRD-TK-01A & 02A- Batch 2	Lot1: Rural Road improvement (DBST/Conc) 1. Angk Trav - Stueung 2. Trav Aem - Angk Baksei	Takeo	2021	13.976	Done							Done		Yes	No										
15		Lot2: Rural Road improvement (DBST/Conc) 1. Trapeang Srangae - Angk Thaot Khang Lech (3.97 km) 2. Yeay La - Trapeang Chak (3.385) 3. Ta Pov - Han Tea (5.406)			12.761	Done									Done		Yes	No	N/A							
16	CW17c-CFAVC-MRD-TBK-01A & 02A -Batch 2	Lot 1: Rural Road Improvement (DBST/Conc) in Tbhong Khum Province (Total:16.370 km) 1. Chruol - Kbal Thnal (8.110km) 2. Srailab - Smaonh (5.437km) 3. Kouk Srok (2.823km)	Tboung Khnum	2021	16.37	Done	Progressing		Progressing	Not yet started																
17		Lot 2: Rural Road Improvement (DBST/Conc) in Tbhong Khnum Province Total (12.891 km) 1. Samraeuy - Kokir (4.908km) 2. Tuol Kandal - Tuol Chan (2.789km) 3. Popel (1.446km) 4. La (3.748km)	Tboung Khnum		12.891	Done	Progressing		Progressing	Not yet started																
18	CW17d-CFAVC-MRD-KC-01A & KC-02A- Batch 2	Lot 1: Rural Road Improvement (DBST/Conc) in Kampong Cham Province Total (9.425 km) 1. Andoung Snay - Sdok Thum (3.925 km) 2. Trapeang Kar - Trapeang Thma (5.50 km)	Kampong Cham	2021	9.425	Done							Done													
19		Lot 2: Rural Road improvement (DBST/Conc) (Total: 12.64 km) in Kampong Cham Province 1. Dangkaio - Trapeang Bel (7.657km) 2. Pav Sate Ti Masy - Sach Sour (4.983km)	Kampong Cham		12.64	Done								Done												
20	CW17b-CFAVC-MRD-TK-01A- 02A & 03A- Batch 3	Lot 1: Rural Road Improvement (DBST/Conc) 1. Trapeang Pring - Cheav Bdei Khang Kaeut (8.41 km) 2. Khnach Khang Tbhong - Bel Pey (6.66 km)	Takeo	2022	15.07	Progressing																				
21		Lot 2: Rural Road Improvement (DBST/Conc) 2. Prey Kduoch - Phlov Louk (6.53 km)	Takeo		15.57	Progressing																				
22		Lot 3: Rural Road improvement (DBST/Conc) 2. Ta Mau - Trapeang Vihear (6.08 km)	Takeo		16.27	Progressing																				
23	CW17c-CFAVC-MRD-TBK01A-Batch 3	Rural Road Improvement (DBST/Conc) 1. Chey Nikom - Char Stueung Ta Thok (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)	Tboung Khnum	2022	22.06	Progressing																				
24	CW17d-CFAVC-MRD-KC-01A-Batch 3	Rural Road Improvement (DBST/Conc) 1. Tumpor - S'ang (3.23 km) 2. Kandal Khinhoung - Angkor Chey Leu (8.17 km)	Kampong Cham		11.4	Progressing																				
TOTAL					266.259																					



ANNEX 9: Details Environmental Monitoring July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

ANNEX 9. Details Environmental Monitoring July - September

Annex 9.1 Details Environmental Monitoring July - September 2022

Indicator	Assessment question	Response	Rating
A. Contract Awards			
1. ENV: No works contracts are awarded before the EMP(s) cleared by ADB and any conditions of any national EIA/IEE clearance are incorporated into contract documents	For any project outputs/components with environmental impacts or risks, are there any works contracts that have been awarded by the borrower without EMP(s)* cleared by ADB and any conditions of any national EIA/IEE clearance incorporated into the bid and contract documents?	5. No. Not all contracts are awarded. Contracts under bidding do not contain EMPs cleared by ADB and/or any conditions of any national EIA/IEE [explain]. All awarded contracts included EMPs cleared by ADB and any conditions of any national EIA/IEE clearance. ----- The EMP for the ...<name of subproject> was cleared by ADB as part of the IEE report, but not included in the Contract. The contract only made a reference to the EMP.	On Track
2. IR: No civil works contracts are awarded before final, detailed engineering design-based RP(s) are cleared by ADB	For any project outputs/components, are there any civil works contracts* that have been awarded by the borrower without ADB's clearance of final, detailed-engineering design-based RP(s)?	3. No. All contracts have been awarded after final RPs/DDRs were cleared. ----- Thus far MAFF and MRD has not awarded any contract; MOWRAM only signed one after receiving clearance of the RP/DDR	On track
3. IP: No civil works contracts are awarded before final, detailed engineering design based IPP(s) are cleared by ADB.	For any project outputs/components, are there any civil works contracts* that have been awarded by the borrower without ADB's clearance of final, detailed-engineering design based IPP(s)?	1. Not applicable [explain, Cat C or FI (category A for FI excluded), or no update is required] ----- NO Indigenous People in project area	On track
B. Project Execution: Instruments			
4. ENV: Requisite national environment, health and safety clearances* and ADB environment safeguard clearances are obtained before commencement of applicable works.	For any project outputs/components with environmental impacts or risks, have the requisite national environment, health and safety clearances* and ADB environment safeguard clearances** been obtained before commencement of applicable works.	3. Yes, all clearances were obtained for all works commenced prior to or during reporting period ----- Work started in March 2021 after receiving environmental clearance	On track
5. IR: No displacement occurs	For any project outputs/components, are	1. No, all compensations/entitlements have been fully paid prior to displacement	On track

Indicator	Assessment question	Response	Rating
before all compensations are fully paid as confirmed by corresponding reporting. * *Report definition as per OD	there any civil works sites with involuntary resettlement impacts were access is granted to contractor(s) and economic and/or physical displacement occurs before compensations are fully paid to affected persons and other applicable assistance delivered in line with approved RP(s)?	as confirmed by relevant ADB-cleared reports, for all project sites with involuntary resettlement impacts. (no other option applies). [add comment] ----- Not relevant in the only project for which a contract has been awarded.	
C. Project Execution: Project Grievances			
6. The project has a functioning GRM and has no high-risk outstanding grievances related to implementation of safeguards.	Does the project meet both criteria below: (a) has a functioning GRM; and (b) has NO Accountability Mechanism (CRP)-eligible complaint(s) on file?	1. Yes, the project meets both criteria (functioning GRM and no CRP-eligible complaint(s) on file). [add comment]	On track
D. Project Execution: Project Safeguards Non-Compliance			
7. There are no outstanding non-compliances related to implementation of safeguards*	Does the project have any outstanding non-compliances* [can be notified by staff, external monitor, regulatory agencies, supervision consultants, borrower, or contractors]?	1. No [add comment, including if previously outstanding CAP actions have been completed]	On track
E. Project Execution: Monitoring			
8. Scheduled monitoring reports are submitted as per agreed schedule, commencing date loan effectiveness *	Is the project up to date with the scheduled monitoring reports?	2. Yes. Submitted, reporting up to date or is within a grace period of one month. ----- Last Social Safeguard Monitoring Report (covering Jan - Jun 2021) to submitted early August Last Environmental Safeguard Monitoring Report (covering Jan - Jun 2021) submitted on (28 July Gender 6 Semi-annual report was submitted on 20 July 2021	On track

Annex 9.2 Details Environmental Monitoring July - September 2022

Annex 9.2.1 MAFF Subprojects

Year	Package number	Province	Districts	Communes	Subproject names	Number of subproject package	Environment al Safeguards Categorization	Status of Env. Safeguards	Status of IEE	ADB Submission Date	ADB NOL Date
	2						8	9			
1	CW7:				Construction of Mechanization Workshops (not including major & minor equipment) & Supervision, Lot 1: Kampong Cham, Lot 2: Tboung Khmum, Lot 3: Kampot		B		IEE is Completed		NOL, 08 July 2021
1	CW3a:				Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 20 units lot1, lot2, lot3 and lot4. (Storage sizes 50 tone, 100 tone and 200 tone)		B		IEE is Completed		NOL, 08 July 2021
1	CW4:				Construction of Training Building for PADC (including infrastructure design and Equipment) Lot 1: Takeo Lot 2: Tboung Khmum Lot 3: Kampong Cham		B		IEE is Completed		NOL, 08 July 2021
1	CW19a				(Split from CW19): Installation and commissioning of 500 biodigesters and 250 compost huts* Lot 1: Tboung Khmum Lot 2: Kampong Cham Lot 3: Takeo Lot 3: Kampot (Bio-digester sizes of 4m3, 6m3 and 8m3.)		B		IEE is Completed		NOL, 08 July 2021
	CS4 (2020):				ICT (Including: Infrastructure, Software development, training, workshops and demonstrations, consultants, office operations and support costs)		B		IEE is Completed		NOL, 08 July 2021

Annex 9.2.2 MoWRAM Subprojects

Year	Package Number	Province	Commune	District	Subproject Name	Number of Subproject s/ Package	Command area, ha	Environmental Safeguards Categori- zation	Status of Env. Safe- guards	Status of IEE	First Date ADB Submission	Date ADB NOL
1	2	3	4	5	6	7	8	8'	9'	9	10	11
1. Plan for Project Feasibility study and Detailed Engineering Design in 2020												
2020	CFAVC-KP-TP-CW2	Kampot	Tani	Angkor Chey	Trapeang Run	1	100	B	100%	The final environmental monitoring was conducted on 4-5 August 2021 for completed construction	10-Jun-20	21-Jul-20
	MOWRAM-CFAVC-TBM-CW13.1	Tboung Khmum	PREASH THEAT	Ou Raing Ov	Tumnup Kbal Teuk	3	250	B	0%		4-Nov-20	11-Feb-21
			Chikor	Tboung Khmum	Tuol Pring Reservoir		100	B	100%		4-Nov-20	11-Feb-21
			Thmor Pich	Tboung Khmum	Trapeang Tros Reservoir		350	B	100%		4-Nov-20	11-Feb-21
	MOWRAM-CFAVC-TEO-CW15.1	Takeo	Trapaing Kra Nhoung	Tram Kak	Prey Kdouch Reservoir	2	550	B	100%		16-Mar-21	25-Jun-21
			Trapaing Kra Nhoung	Tram Kak	Kraing Empil Embankment		200	B	100%		16-Mar-21	
	MOWRAM-CFAVC-KPC-CW14.1	Kampong Cham	Svay Teap	Chamkaler	Pram Kumpheak	2	900	B	100%	Second revised and submitted to ADB for rechecking	15 Dec 2021	
			Preach Andong	Stoeng Trong	O Kamprok		350	B	100%	Second revised and submitted to ADB for rechecking	15 Dec 2021	
MOWRAM-CFAVC-KPT-CW12.1	Kampot	Srae Khnung	Chuom Kiri	Takouch (Prey Takoch)	1	450	B	45%	70% drafting completed			
Plan for rehabilitation in year 2020 Consisting of 5 Packages covering command area of						9	3,250					
2. Plan for Project Feasibility study and Design in 2021												
2021	MOWRAM-CFAVC-TBM-CW13.2	Tboung Khmum	Chhouk	Krouch Chmar	Tboung Damrei Reservoir	2	600	B		Consolidated IEE is 85%		
			Seda	Dambae	Kampong Raing Feeding Canal		250	B		Consolidated IEE is 85%		
	MOWRAM-CFAVC-TEO-CW15.2	Takeo	Phnom Den	Kirivong	Chrouk1 + Phlov Touk	3	800	B		Consolidated IEE is 85%		
			Prey Yuthkar	Koh Andet	Kwaeng Tayee		468	B		Consolidated IEE is 85%		
			Prey Romdeng	Kirivong	Prey Romdeng Canal		510	B		Consolidated IEE is 85%		

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

Year	Package Number	Province	Commune	District	Subproject Name	Number of Subproject s/ Package	Command area, ha	Environmental Safeguards Categori- zation	Status of Env. Safe- guards	Status of IEE	First Date ADB Submission	Date ADB NOL
1	2	3	4	5	6	7	8	8'	9'	9	10	11
	MOWRAM-CFAVC-KPC-CW14.2	Kampong Cham	Cheung Prey	Batheay	Pou Tatress	1	950	B		Consolidated IEE is 85%		
	MOWRAM-CFAVC-KPT-CW12.2A	Kampot	Sathpong/ Trameng/ Baniev	Teuk Chhou	Trapeang Boeung	2	800	B		Consolidated IEE is 85%		
Plan for rehabilitation in year 2021 consisting of 4 Packages covering command area of						8	5028					
2022	MOWRAM-CFAVC-KPC-CW14.3	Kampong Cham	Krouch	Prey Chhor	Teuk Cha East	2	1400					
	MOWRAM-CFAVC-TBM-CW13.3	Tboung Khmum	Teuk Chrov	Dambae	Choam Taheung	2	1500					
			Thmar Pich	Tbong Khmum	Trapaing Ampil		200					
	MOWRAM-CFAVC-TEO-CW15.3	Takeo	Kampeng	Kirivong	Pou Tasuy Reservoir	6	440					
			Prey Romdeng	Tram Kak	O' Rumdoul Reservoir		210					
			Samraong	Tram Kak	Sdok Sab		300					
			Kropum Chhouk	Koh Andet	Pralay 95		850			Consolidated IEE is 25%		
			Rominh	Koh Andet	Pralay 42 (pumping Station)		650			Consolidated IEE is 25%		
	Soam	Kirivong	Soam Canal	400								
	MOWRAM-CFAVC-KPT-CW12.2B	Kampot	Trapeang Pring	Teuk Chhou	Broweak Pong	1	70				Consolidated IEE is 85%	
Kandori/Thmey			Teuk Chhou	Kandori feeding canal		750				Consolidated IEE is 85%		
Plan for rehabilitation in year 2022 consisting of 4 Packages covering command area of						1	7,420					
Total irrigation planned to be studied within 3 years period is 32 irrigation schemes and total of						2	15,698					

Annex 9.2.3 MoWRAM Subprojects

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Environmental Safeguards Categorization	Status of Env. Safe-guards	Status of IEE	First Date ADB Submission	Date ADB NOL
1	2	3	4	5	6	7	8	8'			10	11
1. Plan for road sub-projects planned in 2020												
1	CW17a-CFAVC-MRD-KP-01-2020 (Lot 1)	Raksmei Samaky Amatak	Kampot	Chres	Chum Kiri	2020	11.94	B		ADB NOL 9-Jul-21	02 June 2021	09 Jul 2021
2	CW17a-CFAVC-MRD-KP-02-2020 (Lot 2)	Kasikor Samaki Rungreung		Srae Chaeng	Chum Kiri		8.1				02 June 2021	09 Jul 2021
3	CW17b-CFAVC-MRD-TK3-2020 (Lot 1)	Lom Pung Samaky	Takeo	Lumphong	Bati		10.01	B		ADB NOL 3-Nov-20	20 Jul 2020	03 Nov 2020
4	CW17b-CFAVC-MRD-TK4-2020 (Lot 2)	Sdok Sdam		Taing Yab	Prey Kabas		4.67				20 Jul 2020	03 Nov 2020
5	CW17c-CFAVC-MRD-TBK-5-2020 (Lot 1)	Dambe Rung Roeung	Tboung Khmu	Dam Bae	Dam Bae		9.77	B		ADB NOL 2 Mar 2021	26 Jan 2021	13 May 2021
6	CW17c-CFAVC-MRD-TBK-6-2020 (Lot 2)	Kdei SangKhoem Kasekar		Toul Snoul	Krouch Chhmar		12				26 Jan 2021	13 May 2021
7	CW17d-CFAVC-MRD-KC7-01-2020 (Lot 1)	Sombo Meanchey	Kampong Cham	Soupheas	Stueng Trang		9.88	B		ADB NOL IEE 18-May-21	02 May 2021	18 May 2021
8	CW17d-CFAVC-MRD-KC8-02-2020 (Lot 2)	Stung Trang Senchey		Soupheas			4.72				02 May 2021	18 May 2021
Plan for rehabilitation in year 2020 of 4 Packages Road sub-projects with Length of							71.09					
2. Plan for road sub-projects planned in 2021												
9	CW17a-CFAVC-MRD-KP-01-2021	Sen Han Cham Reoun Phal	Kampot	Samrong Leu	Banteay Meas	2021	5.31	B		100% completed	29 April 2022	Approved, 02 May 2022
10	CW17a-CFAVC-MRD-KP-02-2021	Ratanak Pulrath Samaki		Damnak Sokrom	Dang Toung		6.44	B		100% completed	29 April 2022	Approved, 02 May
11	CW17a-CFAVC-MRD-KP-03-2021	Preykrang Meanrit		Mean Rith			6.9	B		100% completed	29 April 2022	Approved, 02 May
12	CW17a-CFAVC-MRD-KP-04-2021	Samaki Amatak		Srae Khnoung	Chum Kiri		3.83	B		100% completed	29 April 2022	Approved, 02 May
13	CW17b-CFAVC-MRD-TK01-2021	Kampeng Sok Sen Sambo	Takeo	Kampeng	Kirivong		5.4	B		100% completed	29 April 2022	Approved, 02 May
14	CW17b-CFAVC-MRD-TK02-2021	Samaky Trapeang Kralanh		Ou Saray	Tram Kak		8.25	B		100% completed	29 April 2022	Approved, 02 May
15	CW17b-CFAVC-MRD-TK03-2021	Bak Sey Rik Ray		Cheang Tong	Tram Kak		4.9	B		100% completed	29 April 2022	Approved, 02 May

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Environ-mental Safeguards Categorization	Status of Env. Safe-guards	Status of IEE	First Date ADB Submission	Date ADB NOL
1	2	3	4	5	6	7	8	8'			10	11
16	CW17b-CFAVC-MRD-TK04-2021	Samaki Trapeang Chark		Trapeang Chak	Tramkak		3.4	B		100% completed	29 April 2022	Approved, 02 May
17	CW17b-CFAVC-MRD-TK05-2021	Trapeang Srangae		Trapaing Srangae	Tramkak		4.05	B		100% completed	29 April 2022	Approved, 02 May
18	CW17c-CFAVC-MRD-TBK-01-2021	Sammaky Meanchey	Tboung Khmum	Chak	Ou Reang Ov		8.15	B		100% completed	29 April 2022	Approved, 02 May 2022
19	CW17c-CFAVC-MRD-TBK-02-2021	Lngieng Meamchey		Lngieng	Tboung Khmum		5.5	B		100% completed	29 April 2022	Approved, 02 May 2022
20	CW17c-CFAVC-MRD-TBK-03-2021	Samaki Kak		Kak	Tboung Khmum		4.9	B		100% completed	29 April 2022	Approved, 02 May 2022
21	CW17c-CFAVC-MRD-TBK-04-2021	Baitong Korksrok		Kok Srok	Dombae		2.830	B		100% completed	29 April 2022	Approved, 02 May 2022
22	CW17c-CFAVC-MRD-TBK-05-2021	Akphirik Ponhea Kraek Dambae		Koang Kang	Ponhea Kraek		1.450	B		100% completed	29 April 2022	Approved, 02 May 2022
23	CW17c-CFAVC-MRD-TBK-06-2021	Ponhea Kraek Rongroeuang		Koang Kang	Ponhea Kraek		3.8	B		100% completed	29 April 2022	Approved, 02 May 2022
24	CW17c-CFAVC-MRD-TBK-07-2021	Popel Meanchey		Popel	Ponhea Kraek		2.82	B		100% completed	29 April 2022	Approved, 02 May 2022
25	CW17d-CFAVC-MRD-KC-01-2021	Akphivath Multhan Yeung		Kampong Cham	Taing Krasang	Batheay		3.93	B		100% completed	29 April 2022
26	CW17d-CFAVC-MRD-KC-02-2021	Akpiwat Kaksekor	So Saen		Prey Chhor		5.5	B		100% completed	29 April 2022	Approved, 02 May 2022
27	CW17d-CFAVC-MRD-KPC-03-2021	Ponluk Thmey	Peam Chi Kang		Kang Meas		4.880	B		100% completed	29 April 2022	Approved, 02 May 2022
28	CW17d-CFAVC-MRD-KC-04-2021	Sammaki Baray Angdong Ang	Baray		Prey Chhor		7.77	B		100% completed	29 April 2022	Approved, 02 May 2022
Plan for rehabilitation in year 2021 of 6 Packages Road sub-projects with Length of							101.01					

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Environmental Safeguards Categorization	Status of Env. Safe-guards	Status of IEE	First Date ADB Submission	Date ADB NOL	
1	2	3	4	5	6	7	8	8'			10	11	
3. Plan for road sub-projects planned in 2022													
29	CW17b-CFAVC-MRD-TK1-2022	Sensok Toek Thla		Trapaing Krasaing	Bati		7.33			Completed 60%			
30	CW17b-CFAVC-MRD-TK2-2022	Phum Bey Meanchey		Kiri Chong Kaoh	Kirivong		1.5			Completed 60%			
31	CW17b-CFAVC-MRD-TK3-2022	Phum Bey Samaky		Krapum Chhouk	Kaoh Andaet		0.55			Completed 60%			
32	CW17b-CFAVC-MRD-TK4-2022	Champa Prey Phdav		Champa	Prey Kabas		3.8			Completed 60%			
33	CW17b-CFAVC-MRD-TK6-2022	Rolous Meas		Thlea Prochum	Kaoh Andaet		6.28			Completed 60%			
34	CW17b-CFAVC-MRD-TK7-2022	Samaky Amatak Khvav		Khvav	Samrong		7			Completed 60%			
35	CW17b-CFAVC-MRD-TK8-2022	Cheung Kuon Choukchey		Cheung Kuon	Samrong		4.4			Completed 60%			
36	CW17b-CFAVC-MRD-TK9-2022	Punleu Kasikar		Boeung Tranh Khang Cheung	Samrong		7.5			Completed 70%			
37	CW17c-CFAVC-MRD-TBK-01-2022	Seda Meanchey	Tboung Khmum	Dambae	DamBae		13.10			Completed 70%			
38	CW17c-CFAVC-MRD-TBK-02-2022	Kaksekor Dambae		Tuek Chrov	DamBae		17			Completed 70%			
39	CW17c-CFAVC-MRD-TBK-03-2022	Romdoul Dountei		Doun Tei	Ponhea Kraek		14.84			Completed 70%			
40	CW17c-CFAVC-MRD-TBK-04-2022	Lngieng Meanchey		Lngieng	Tboung Khmum		9.65			Completed 70%			
41	CW17d-CFAVC-MRD-KC-01-2022	Toul Preah Vihea	Kampong Cham	Sompong Chey	Cheung Prey		5.80			Completed 70%			
42	CW17d-CFAVC-MRD-KC-02-2022	Reamea Cheung Prey		Pdau Chum			3.75			Completed 70%			
Plan for rehabilitation in year 2022 of 6 Packages Road sub-projects with Length of							102.50						
Total road planned to be studied within 3 years period is 48 lines and total of							273.63						



ANNEX 10: Progress Implementation Gender Action Plan July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

Annex 10. Progress Implementation Gender Action Plan July - September 2022

Out put	Activities/ Indicators/ Targets in the New GAP	Baseline values	Target	Timing	Activities as per quarterly GAP template (summary of data July to September)	Tools of data collection
Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient						
1.1. Women's time poverty and drudgery reduced through the provision of improved timesaving and gender-responsive infrastructure. OP 2.4						
1.1.1. 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) Target: 1	Target number 1		15,000 ha 25,000 HH 50,000 F	Q1 Y2-Q4 Y4	<ul style="list-style-type: none"> • The potential ACs in the 4-target province were selected by the year 2022 under MAFF subproject: 12 potential ACs in the 4-target province cover 72 villages 11 commune 10 district with total 15257 HHs, 1300 FHHS with total 69147 person (33053 female or 48 %), 1790 ACs members (956 Female or 53 %), 119 ACs management member (39 female or 33 %) 15 of Grain Storages rice seed (100T) 4 Rice Seed Storages (50T) with total land 5,041 m², Rice 5007 ha, Maize 4.5 ha, Casava 321 ha, Mango 129, Rubbers 12304 ha, cashew 4319 ha and others 730.25 ha. • Sub project under MOWRAM: Total 17 FCWUs/FWUC cover 4 target province 15 district 16 commune 92 villages with total 36,869 HHS 153,565 person (79,032 Female or 51 %) 9000 ha comment areas, 9,653 direct beneficiaries, 279 FWUCs members (91 female or 33%). • MRD Road Subproject (Batch II) improvement (DBST) in responses to ADB 's comment on 14th June 2022, ADB have confirmed satisfied unofficially on the 8 the Aug 2022. The beneficiary households and populations are: Kampot Province: The 2 of rural road 	Baseline Survey's checklist questionnaire and side monitoring and follow up

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

Out put	Activities/ Indicators/ Targets in the New GAP	Baseline values	Target	Timing	Activities as per quarterly GAP template (summary of data July to September)	Tools of data collection
					subprojects in ACs Rasmey Samaky Mearn Chey and ACs Kaseko Rong Reung Road (CW17a-CFAVC-MRD-KP-1-2020 and CW17a-CFAVC-MRD-KP-2-2020) subprojects is located in 20 villages 4 communes (Srai Chang, Chress, Krang Snayand and Ampor Van, 2 districts (Chouk and Chumkiry), Kampot province. The total length is 18.29 km with total 3108 HH 14614 person (8314 female or 57%).	
1.1.2 12,000 additional biodigesters and 6,000 compost huts made operational, benefiting at least 80,000 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) (Target :2)	Target number 2	50%	12,000 Bio 6,000 compost Huts 80,000 benefited 4,000 F	Q1 Y2-Q4 Y4	<ul style="list-style-type: none"> • Takeo province: 16 (7 female or 40%) 01 Bio-digester in operation ,15 sample farmers set up shelving vegetables • Kompong Charm: 9 (5 female or 56 %) Real buyers of the Bio-digester and Compos Huts, 7 (4 female or 56%) Interested in buying Bio-digester and composting Huts, 1 (1 female or 100%) Bio-digester and Compose Huts in operation 	
1.1.3 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) Target: 3	Target number 3	40%		Q1 Y2-Q4 Y4	<ol style="list-style-type: none"> 1. Kampong Charm: 15 (6female or 40%) Follow up the use of biogas on mixed agriculture for WFNs 2. Takeo: 60 (12 female or 40%) 2 time follow up the use of Bio-digester on mixed agriculture of WFNs 3. Kompot 168 (108 female or 64%) meeting and consultation meeting with WFNs on Gender Response and Climate Resilience. 	
1.1.4 At least 25% of workdays created by project activities will	Target number 4	25%		Q1 Y2-Q4 Y6	<ul style="list-style-type: none"> • MRD subproject for road construction: 1 Road construction contract package CW17b-CFAVC-MRD-TK4-2020 Improve 1 Road 4.67 km in Takeo, Road construction contract 	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

Out put	Activities/ Indicators/ Targets in the New GAP	Baseline values	Target	Timing	Activities as per quarterly GAP template (summary of data July to September)	Tools of data collection
be awarded to women. Target: 4					<p>package CW17b-CFAVC-MRD-TK3-2020-Lot 1-Improvement 1 Roads 10km Takeo Province, Road construction contract package CW17c-CFAVC-MRD-TBK5-2020-Lot 2 - Improvement 3 Roads 12.00 km Tboung Khmum Province.</p> <p>231 skilled/ unskilled workers (47 female or 20 %). Of these, 158 Skilled worker (19 female or 35 %) and 72 Unskilled workers (28 female or 39 %) from villages commune. The total of 4945 workdays (978 female or 20 %). Of these, skilled workers from company did 3352 working days (406 female or 34 %), 1541 were done by unskilled workers from villages (572 female or 37 %), and females equated for working days, which equals 37 %.</p>	
1.1.5 Skills training sessions provided to women on infrastructure related construction and rehabilitation, and operation and maintenance. Action: 1	Action number 1			Q4 Y1-Q4 Y6	<p>14 female or 29% out of 48 were received 4 refresher training of extension workers for biodigester and bio-slurry, 2 female or 15% out of 13 were received training on composting and its application to farmers and agriculture community, 2 female or 13% out of 15 were received Internal exchange visits on-site learning and field practices to EWs, key farmers, potential farmers, 475 female or 56 % out of 846 were received 45 training. 7 female or 23% out of 31 were received Coordination and monitoring meeting with relevant stakeholders (on marketing mechanism) /group. 288 female or 51% out of 567 were received Field coaching and mention on promotion and marketing and 17 female or 24% out of 70 were received 4 Provincial monthly Progress meetings.</p> <p>In sum total 805 female or 51% out of 1590 were received 59 training and meeting. The target achieves more than GAP target set</p>	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

Out put	Activities/ Indicators/ Targets in the New GAP	Baseline values	Target	Timing	Activities as per quarterly GAP template (summary of data July to September)	Tools of data collection
1.1.6 Involve at least 30% of women as active agents in the promotion campaigns on the use of renewable energy solutions. Target: 5	Target number 5	30%		Q4 Y1-Q4 Y4	Kompot province: 124 (60 female or 48%) 15 time conducted follow up on the use Bio-digester mixed agriculture of the WFNs Kompong Charm: 7 (3 female or 43%) Training of Biodigester and Composters Takeo: 489(254 female or 52 %) 26-time remaining training and follow up model farmers planting vegetables on the shelter in process of harvesting and replanting and use and recycling of Biodigester. In sum total 620(317 female or 51 %). The target achieves more than GAP set	
1.1.7 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). Action: 2	Action number 2			Q4 Y1-Q4 Y4	1. Kompot province: 7 time conducted raise awareness on gender mainstreaming in Bio-digester compost Huts/ follow up the use of bio-digester on mixed agriculture network of WFNs with total 75 participants (42 female or 55%). 2. Takeo province 15 times with total 15 participants (8 females or 53%) provide directed to the beneficiary on gender mainstreaming on the importance used of Bio-digester use. In amount of 15 eight have had their livelihoods improved. In sum total 91 participants (50 Female or 55%)	
1.1.8 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,	Action number: 3			Q1 Y2-Q4 Y4	Women farmers received training & Capacity Building Biodigester and Compost Hut, Promotion & Marketing, Monitoring & Evaluation, innovation & VC, Improvement. Installed 5places/sets in one province promotion signboards /h with total 233 training and meeting 807 participants (206 female or 26%)	

Out put	Activities/ Indicators/ Targets in the New GAP	Baseline values	Target	Timing	Activities as per quarterly GAP template (summary of data July to September)	Tools of data collection
especially female headed households. Action: 3						
Output 2: Climate smart agriculture and agribusiness promoted						
2.1 Gender equality in human development enhanced. OP 2.2						
2.1.1 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) (DMF 2b. OP 2.2.1) Target: 6	Target number: 6	50%	40000 Framers Fe.16,000	Q1 Y2-Q4 Y6	1. 4715 participants (2467 female or 52 %) Refresh training of trainers for provincial team/a on sustainable rice production (SRP) 2. 2477 participants (1449 female or 58 %) Training of Climate smart Agriculture (CSA) 3. 1425 participants (372 female or 26 %) Training of ACs boards on ACs business development 4. 1000 participants (276 female or 28 %) Training on landscape restoration (farm mechanization). The target Achieved more than GAP target set.	
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)	Target number 7	30%	27FWUCs/FWUGs	Q1 Y2-Q4 Y2	175 female or 29% out of 597 were received FWUCs training/ meeting, monitoring and follow up by PMU / PPIU and GFP in the 4-target province. The target achieved nearly the same, which equals 29 %.	
2.1.3 30% of women farmers, including the WFN members, are involved in in the selection and multiplication of climate resilient crop varieties.	Target number 8	30%		Q4 Y1-Q4 Y6	34 female or 38% out of 90 participants were received 20 On-farm adaptive trial on promising line trials,24 training of farmers group on best management practice with 18 rice, 2 cassava, and 4 maize production-CARD on-field Maize seed demonstration and 2 identify maize demo of the key farmers. The target achieved more than GAP target set. which equals 38 %.	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

Out put	Activities/ Indicators/ Targets in the New GAP	Baseline values	Target	Timing	Activities as per quarterly GAP template (summary of data July to September)	Tools of data collection
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).	Target number 9	40%		Q1 Y2-Q4 Y6	8 female or 32 % out of 25 participants were received monitor the acquisition of knowledge and skills from training, demonstrations, study tours and sharing experiences. The target less than GAP set due to used the existing list, which equal 32%.	
2.1.5 Women represent 40% of increased labor pool of individuals who can operate agricultural machinery. (2017 baseline: 0)	Target number10	40%		Q4 Y1-Q4 Y5	9 female or 75% out of 12 participants were received agricultural machinery control activities	
2.1.6 Strengthen linkages between farms/cooperatives/enterprises and agribusiness industry, especially women-led and/or owned farms/enterprises and cooperatives with majority female members. Action: 4	Action number: 4			Q1 Y2-Q4 Y2	256 female or 30% out of 848 were received follow up rice fields, Maize , provided and showed seed techniques selected field and prepare land for demonstrations implemented transplanting techniques with the application of topical fertilizer on rice fields of the varieties production of Romduol and Malis seedlings transplanted of the sustainable farming techniques on climate smart agriculture produced.	
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). Target: 11	Target number11	25% national 20% local level		Q1 Y2-Q4 Y6	3 female or 10% out of 29 Female government staff were participant business forum on Maize crop commodities.	
Output 3: Enabling environment for climate friendly agribusiness enhanced						
3.1 Gender equality in decision-making and leadership enhanced. OP 2.3						
3.1.1 Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework	Action 5 number:			Q1 Y2-Q3 Y1	The activities are pending approval of the Annual Work Plan 2021 by ADB and MEF.	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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focusing on agribusinesses formulated and approved. (2017 baseline: 0) (DMF 3a. OP 2.3.1) Action 5:						
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.	Action number 6			Q2 Y2-Q4 Y7	On 22 September 2022, CS1/ PIC Gender (Int. National) was meeting with H.E Hor Malin to discussed and report on GAP implementation and issue implementation in GAP and main intervention result on GAP.	
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 number 12	30%	50 staff	Q1 Y2-Q4 Y6	9 female or 20% out of 44 participants joint conducted training need assessment on Green Financing orientation with 25 Banks, PPIU, ABC, ARD, PMU to define their understanding and capacity needed and recommendation to strengthen the Green Financing in Cambodia. This target less than GAP set due to use of the existing set, which is 20%	
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)	Target number 13	30%	30 agribusinesses	Q1 Y2-Q4 Y6	7 female or 35% out of 20 participants were received an orientation on the green finance (CF) framework and work plan for PMU cooperation with ABC, MFI and ARDB to implementation on the GF for agriculture sector	
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	Action number: 7			Q1 Y2-Q4 Y6	156 participants (58 Female or 37%) were joint meeting discussed on Green Finance and Risk Sharing Mechanism Finance Facility which chair by Minister, of Environment/ NDA and government line ministries, DPs and Associate Bank of Cambodia and Micro Finance Institute and working Group which from PMU, ARDP, ABC and MFI and project framework and climate screening and green project development and ARDB, ACLED and AMK on the potential for	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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					implementation on Green Financing Project at CFAVC project in the 4 target province to strengthening the banks and MFI at provincial level with total	
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) (T14)	Target number 14		20,000 HH	Q1 Y2-Q4 Y6	The activities are pending approval of the Annual Work Plan 2021 by ADB and MEF. During the reporting, result of achievement as the following: - Reviewing existing relevant document - Identify the crop insurance company such as FORTE Insurance Company to understand on the requirement and climate risks to access the crop insurance. Drafting training material and tool of sharing mechanism.	
Project management						
4.1.PMU to appoint safeguards officer to be responsible and accountable for gender					From 25 July to 30 September 2022, 14 field target location mission in the 4-target province for side observation and group discussing with FWUCs/FWUGs, ACs, villages & commune authority, GFP for irrigation Road construction subproject and to observations the contribution of gender sensitive for rural road and irrigation subprojects with total 210 participants (61 female or 29 %) .	
4.2. Annual work plans to implement GAP prepared						
4.3. Gender consultants (national and international) to be recruited						
4.4. Gender consultants (national and international) building capacity of GCPS, gender focal poits and PMU						

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 Third Quarterly Progress Report 2022: July - September

Out put	Activities/ Indicators/ Targets in the New GAP	Baseline values	Target	Timing	Activities as per quarterly GAP template (summary of data July to September)	Tools of data collection
staff considerations in climate-friendly agribusiness value chains as central component of project capacity building activities						
Sex disaggregated data collected and analyzed project reports (DMF, GAP and PPMS).						
Regular monitoring and reporting on GAP implementation (at least semi-annually to ADB).						

Annex 10.1 Gender Action Plan (GAP) Monitoring Table per September 2022

Date of Update: 30th September 2022

Project Title: Climate Friendly Agribusiness Value Chain Sector Project (CFAVC)

Country: Cambodia

Project No.: 48409-002

Type of Project (Loan/Grant/TA): 3616

Approval and Timeline: June 2018 to 2024

Gender Category: EGM

Mission Leader: Srinivasan Ancha

Project Impact: Agricultural Competitiveness Improved

Project Outcome: Productive and resource-efficient agribusiness value chain developed in the project areas.

<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (September 2022) (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>Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient</p>		
<p>Women's time poverty and drudgery reduced through the provision of improved timesaving and gender-responsive infrastructure. OP 2.4</p>		
<p>1.1.1. 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) Target: 1</p>	<p>•The potential ACs in the 4-target province were selected by the year 2022 under MAFF subproject: 1. Takeo province: 8 ACs cover 58 villages 7 commune and 6 district with total 9196 HHs, 949 FHHS with total 41659 person (19449 female or 47%), 1279 ACs members (742 Female or 58 %), ACs management member 138 persons (51 female or 37%) 6 of Grain Storages rice seed (100T) and 2 of Rice seed storages (50T) with total land 18,741 m2. 2. Kampot province: 2 ACs (1. Kampong Trach Chamroeun Kasekor AC, 2. Paurchhum Meanchey ACs) cover 6 villages 2 commune 2 district with total 1705 HHs, 80 FHHS with total 7509 person (3194 female or 43%), 243 ACs members (128 Female or 53 %), 28 ACs management member (7</p>	<p>•The challenges of farmer face with lower price of their product and Price is fluctuated every year, especially during harvest time. •Women are also perceived to be limit in capable of making a decision and contribution because they are either illiterate,</p>

<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (September 2022) (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>female or 25 %) 8 of Grain Storages rice seed (100T) & 2 of Rice seed storages (50T) with total land 4,740 m2.</p> <p>3. Kampong Cham Province: 1 ACs (Tratrong Kasekor) cover 1 villages 1 commune 1 district with total 2061HHs, 82 FHHS with total 9633 person (4863 female or 50%), 77 ACs members (12 Female or 16 %), 8 ACs management member (3 female or 38 %) 1 of Grain Storages rice seed (100T) with total land 5,041 m2, Rice 7.25 ha, Maize 4 ha, Casava 28 ha, Mango 12, Rubbers 343 ha, cashew 730.25 ha.</p> <p>4. Tboung Khmum Province: 1 ACs (Kasekor Dambea AC) cover 7 villages 1 commune 1 district with total 2295 HHs, 189 FHHS with total 10346 person (5547 female or 54%), 191 ACs members (74 Female or 39 %), 5 ACs management member (0 female or 0 %) 1 of Grain Storages rice seed (100T) with total land 2,611m2, Rice 1020 ha, Maize 0.5 ha, Casava 291.6 ha, Mango 115.5 ha Rubbers 942.7 ha.</p> <p>In sum 12 potential ACs in the 4-target province cover 72 villages 11 commune 10 district with total 15257 HHs, 1300 FHHS with total 69147 person (33053 female or 48 %), 1790 ACs members (956 Female or 53 %), 119 ACs management member (39 female or 33 %) 15 of Grain Storages rice seed (100T) 4 Rice Seed Storages (50T) with total land 5,041 m2, Rice 5007 ha, Maize 4.5 ha, Casava 321 ha, Mango 129, Rubbers 12304 ha, cashew 4319 ha and others 730.25 ha.</p> <p>• Sub project under MOWRAM: The FWUCs Lead by the FWUC/FWUGs beneficiary (all member is responsible to the FWUC/FWUGs). They all know about the FWUC/ FWUGs committee work. The beneficiary living level is good and not much difference from each other they can sell rice higher price than before because more traders go to buy direct at rice field and reduce a lot of cost of transportation. Men's and women's have an opportunity to practical in access to control over resources natural, financial, social and human resources for their needs.</p> <p>Total 17 FCWUs/FWUC cover 4 target province 15 district 16 commune 92 villages with total 36,869 HHS 153,565 person (79,032 Female or 51 %) 9000 ha command areas, 9,653 direct beneficiaries, 279 FWUCs members (91 female or 33%). This target refers to GAP target set.</p> <p>1. Kampot: cover 1 district 4 commune 22 villages with 2000 ha of command area 3150 Beneficiaries 7172 HHs 29998 population (15522 female or 52%) 4 FWUCs 10 FWUG and 18 FWUSG with total 87 member (31 female or 36%).</p> <p>2. Tbong Khmum: cover 4 district 5 commune 19 villages with 850 ha of command area 627 Beneficiaries 15624 HHs 66707population (34284 female or 51%) 3 FWUCs 14 FWUG and 0</p>	<p>busy housework, or lack technical skill in the construction & communication/ negotiating skills.</p>

<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (September 2022) (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>FWUSG with total 46 member (21 female or 46%). 2 FWUC in Tbong Damrei Community and Kampong Raing Community on going formed.</p> <p>3. Kampong Cham: cover 3 district 3 commune 21 villages with 2455 ha of command area 1597 Beneficiaries 7060HHs 29728 population (15375 female or 52%) 3 FWUCs 10 FWUG and 18 FWUSG with total 67 member (18 female or 27%). The target is low that GAP set.</p> <p>4. Takeo: cover 4 district 4 commune 30 villages with 2700ha of command area 2895 Beneficiaries 7013 HHs 27132 population (13851 female or 51%) 1 FWUCs 3 FWUG and 16 FWUSG with total 79 member (21 female or 27%). 1 FWUC in Prey Rumdeng Community on going formed.</p> <p>• MRD Road Subproject (Batch II) improvement (DBST) in responses to ADB 's comment on 14th June 2022, ADB have confirmed satisfied unofficially on the 8 the Aug 2022. The beneficiary households and populations are:</p> <p>1. Kampot Province: The 2 of rural road subprojects in ACs Rasmey Samaky Mearn Chey and ACs Kaseko Rong Reung Road (CW17a-CFAVC-MRD-KP-1-2020 and CW17a-CFAVC-MRD-KP-2-2020) subprojects is located in 20 villages 4 communes (Srai Chang, Chress, Krang Snayand and Ampor Van, 2 districts (Chouk and Chumkiry), Kampot province. The total length is 18.29 km with total 3108 HH 14614 person (8314 female or 57%). The transportation networks and facilities are connecting to all of the villages to the commune and integrated economy for distributed economic growth and improving land transport links to other villages commune.</p>														
<p>1.1.2 12,000 additional biodigesters and 6,000 compost huts made operational, benefiting at least 80,000 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) Target: 2</p>	<p>GFP PPIUs conducted monitoring, follow up and disseminate, consultation and planning meeting with WFN on Gender Response and Climate Resilience of Key Project Infrastructure, the use of Bio-digester on mixed agriculture WFNs, especially focusing on women with total 99 participants (57 female or 58 %) (Attached table 1).</p> <p>Table 1: Summary of participants Meeting / Awareness, Training</p> <table border="1"> <thead> <tr> <th>Province</th> <th>Numbers of participants</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Kompong Charm</td> <td>9 (5 female or 56 %)</td> <td>Real buyers of the Bio-digester and Compos Huts</td> </tr> <tr> <td>7 (4 female or 56%)</td> <td>Interested in buying Bio-digester and composting Huts</td> </tr> <tr> <td>1 (1 female or 100%)</td> <td>Number of Bio-digester and Compose Huts in operation</td> </tr> <tr> <td>Takeo</td> <td>1(1 female or 100%)</td> <td>01 Bio-digester in operation</td> </tr> </tbody> </table>	Province	Numbers of participants	Activity	Kompong Charm	9 (5 female or 56 %)	Real buyers of the Bio-digester and Compos Huts	7 (4 female or 56%)	Interested in buying Bio-digester and composting Huts	1 (1 female or 100%)	Number of Bio-digester and Compose Huts in operation	Takeo	1(1 female or 100%)	01 Bio-digester in operation	<p>• 50% of community are interested on Bio-digester used, but they need more discussed internal families related to the budget furthermore the villages commune has electricity and difficult to find the manure, The Bio-digester high-cost and most of community used gas they request for the price of the Bio-digester and compost for \$ 250.</p>
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Third Quarterly Progress Report 2022: July - September

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		15 (6 females or 40 %) In sum 16 (7 female or 40%)	15 sample farmers set up shelving vegetables	<ul style="list-style-type: none"> •Delayed construction of biodigester and compost hut cause potential farmers change their mind and postponed the activities. 												
		15(6 female or 40%)	Model farmers planting vegetables on the shelter in process of harvesting and replanting in Tramkok district													
		9 (5 female or 56%)	9 Real buyers Bio-Digester and Compost Huts fertilizer													
		17 (11 female or 65%) 25 (18 female or 72%) In sum total 42 (29 female or 69%)	Interested in buying Biodigester and Compose Huts Interested in buying Compost Huts													
1.1.3 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) Target: 3	<ul style="list-style-type: none"> •GFP in the 4-target province followed up with the contractor & encouraged women in villages/communes to work with the construction ACs warehouse & training building construction with total 243 participants (126 female or 52 %). <p>Table 2: Summary of follow up/ participants Meeting / Awareness, Training</p> <table border="1"> <thead> <tr> <th>Province</th> <th>Numbers of participants</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>Kampong Charm</td> <td>15 (6female or 40%)</td> <td>Follow up the use of biogas on mixed agriculture for WFNs</td> </tr> <tr> <td>Takeo</td> <td>60 (12 female or 40%)</td> <td>2 time conducted follow up the use of Bio-digester on mixed agriculture of the network of women farmers in Tram Kok district</td> </tr> <tr> <td rowspan="2">Kompot</td> <td>68 (44 female or 65%)</td> <td>on 02 to 27. 08. 2022, 11 time with Ministry officials staff Gender key person at national level to conducted dissemination meeting and consultation meeting with WFNs on Gender Response and Climate Resilience of the Key Project Infrastructure and the importance of using Bio-digester in Chum Kiri and Chok district</td> </tr> <tr> <td>88 (56 female or 64%)</td> <td>From 03 to 16.08.2022, conducted consultation meeting and preparing planning with WFNs on</td> </tr> </tbody> </table>	Province	Numbers of participants	Activity	Kampong Charm	15 (6female or 40%)	Follow up the use of biogas on mixed agriculture for WFNs	Takeo	60 (12 female or 40%)	2 time conducted follow up the use of Bio-digester on mixed agriculture of the network of women farmers in Tram Kok district	Kompot	68 (44 female or 65%)	on 02 to 27. 08. 2022, 11 time with Ministry officials staff Gender key person at national level to conducted dissemination meeting and consultation meeting with WFNs on Gender Response and Climate Resilience of the Key Project Infrastructure and the importance of using Bio-digester in Chum Kiri and Chok district	88 (56 female or 64%)	From 03 to 16.08.2022, conducted consultation meeting and preparing planning with WFNs on	
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		Gender Response and Climate Resilience of Key Project Infrastructure in Dang Tong and Chok District 12 (8 females or 67%) On 02. 08. 2022 conducted the dissemination of the importance of using Bio- Digester to farmers' families, especially women with the national Staff at Chum Kiri District	
1.1.4 At least 25% of workdays created by project activities will be awarded to women. Target: 4	<ul style="list-style-type: none"> •MRD subproject for road construction: 1. Road construction contract package CW17b-CFAVC-MRD-TK4-2020 Improve 1 Road 4.67 km constructed started by HOUT CHHOEUN CONSTRUCTION Co., located in Wat Ang Andaet - Kraing Ampil, Taing Yab Commune, Prey Kabas District, Takeo Province with total 64 skilled/ unskilled workers (10 female or 10%). Of these, 47 Skilled worker and 17 Unskilled workers (10 female or 59 %) from villages commune. The total of 1215 workdays (192 female or 16 %). Of these, skilled workers from company did 884 working days, 331 were done by unskilled workers from villages (192 female or 58 %), and females equated for working days, which equals 58 %. 2. Road construction contract package CW17b-CFAVC-MRD-TK3-2020-Lot 1-Improvement 1 Roads 10km started by HENAN WATER GROUP CONSTRUCTION Co., LTD. Located in Tmor Sor Village, Lum Pong Commune, Bati District, Takeo Province with total 87 skilled/ unskilled workers (15 female or 17%). Of these, 54 Skilled worker (7 female or 12%) and 25 Unskilled workers (8 female or 32 %) from villages commune. The total of 1943 workdays (302 female or 16 %). Of these, skilled workers from company did 1351 working days (138 female or 10%), 540 were done by unskilled workers from villages (164 female or 30 %), and females equated for working days, which equals 30 %. 3. Road construction contract package CW17c-CFAVC-MRD-TBK5-2020-Lot 2 - Improvement 3 Roads 12.00 km started by HENG SAMBAT CO., LTD IMPORT EXPORT TRANSPORTATION AND CONSTRUCTION located in Toul Trach Village, Toul Snoul Commune, Krouch Chhmar District, 		<ul style="list-style-type: none"> •The target of 25 % was partly met in the Construction for AC Storage Warehouse (50T), Training Building and Mechanization Building site because the construction was constructed at the Department. •Normally, unskilled women workers more involved in the construction works at the commune level.

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	<p>Tboung Khmum Province with total 81 skilled/ unskilled workers (22 female or 27%). Of these, 51 Skilled worker (12 female or 24 %) and 30 Unskilled workers (10 female or 33 %) from villages commune. The total of 1943 workdays (302 female or 16 %). Of these, skilled workers from company did 1117 working days (268 female or 24 %), 670 were done by unskilled workers from villages (216 female or 32 %), and females equated for working days, which equals 32 %.</p> <p>In sum total 231 skilled/ unskilled workers (47 female or 20 %). Of these, 158 Skilled worker (19 female or 35 %) and 72 Unskilled workers (28 female or 39 %) from villages commune. The total of 4945 workdays (978 female or 20 %). Of these, skilled workers from company did 3352 working days (406 female or 34 %), 1541 were done by unskilled workers from villages (572 female or 37 %), and females equated for working days, which equals 37 %.</p> <ul style="list-style-type: none"> • Specific terms are included in the Civil Works Contracts related to work and wage equality, prevention of child labor, and minimum of 25% of all /skilled unskilled workers need to be women. A monthly report of workers and their salaries with gender is prepared and monitored to meet the above requirement. • Tasks and activities performed by women and men: <ul style="list-style-type: none"> Men: Operating machines, general measurements, making of formwork, casting of concrete, steel bending, wiring, transporting of heavy work and control workers (incl. with use of machines). Women: Small and light work such as wiring, curing water, mixing cement, cleaning of sites and cooking. Install Rebar, Accounting Cooker, Flage Draftsman, Stoke. <p>No “child labor” is hired by the contractor since the project start.</p> <p>Unskilled men and women receive equal pay for same work and fair payment. For example, women earned in amounts of 35,000 riels to 40,000 riels per day, while men received the same amounts per day inclusive, without food, provided by the contractor. Women un-skill workers in communities were encouraged to work in the construction side</p>	
<p>1.1.5 Skills training sessions provided to women on infrastructure related construction and rehabilitation, and operation and maintenance.</p> <p>Action: 1</p>	<p>GFP in the Kompot province conducted sport check and follow up the construction warehouse of the core labor standard base approach with total 24 participants (16 female or 67%) and Takeo province with total 12 participants (8 female or 67%). In sum total 36 participants (24 female or 67%)</p> <p>CS2/PMI/PPIUs component conducted 4-time refresher training of extension workers for biodigester and bio-slurry with total 48 participants (14 female or 29%) , 1 Training on</p>	<ul style="list-style-type: none"> • There was lack of women in community to participate in the construction because most of women are busy with their house, farm work and have also

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	<p>composting and its application to farmers and agriculture community with total 13 participants (2 female or 15 %), 1 Internal exchange visits on-site learning and field practices to EWs, key farmers, potential farmers with total 15 participants (2 female or 13 %), 45 Small group meeting for extension & seeking the interest clients with total 846 (475 female or 56%), 1 Coordination and monitoring meeting with relevant stakeholders (on marketing mechanism) /group with total 31 participants (7 female or 23%), 3 Field coaching and mention on promotion and marketing with total 567 participants (288 female or 51%), 4 Provincial monthly Progress meetings with total 70 participants (17 female or 24%) . In sum total 59 time with total1590 (805 participants or 51%). (Attached table 3)</p> <p>Table 3: Summary of participants Meeting / Awareness, and follow up</p> <table border="1"> <thead> <tr> <th rowspan="2">Activities</th> <th rowspan="2">Total Training</th> <th colspan="3">Total participants/qty</th> </tr> <tr> <th>Total No.</th> <th>Female</th> <th>F%</th> </tr> </thead> <tbody> <tr> <td>Refresher training of extension workers for biodigester and bio-slurry</td> <td>4</td> <td>48</td> <td>14</td> <td>29%</td> </tr> <tr> <td>Training on composting and its application to farmers and agriculture community</td> <td>1</td> <td>13</td> <td>2</td> <td>15%</td> </tr> <tr> <td>Internal exchange visits on-site learning and field practices to EWs, key farmers, potential farmers</td> <td>1</td> <td>15</td> <td>2</td> <td>13%</td> </tr> <tr> <td>Small group meeting for extension & seeking the interest clients</td> <td>45</td> <td>846</td> <td>475</td> <td>56%</td> </tr> <tr> <td>Coordination and monitoring meeting with relevant stakeholders (on marketing mechanism) /group</td> <td>1</td> <td>31</td> <td>7</td> <td>23%</td> </tr> <tr> <td>Field coaching and mention on promotion and marketing</td> <td>3</td> <td>567</td> <td>288</td> <td>51%</td> </tr> <tr> <td>Provincial monthly Progress meetings</td> <td>4</td> <td>70</td> <td>17</td> <td>24%</td> </tr> <tr> <td>In sum total</td> <td>59</td> <td>1590</td> <td>805</td> <td>51%</td> </tr> </tbody> </table>	Activities	Total Training	Total participants/qty			Total No.	Female	F%	Refresher training of extension workers for biodigester and bio-slurry	4	48	14	29%	Training on composting and its application to farmers and agriculture community	1	13	2	15%	Internal exchange visits on-site learning and field practices to EWs, key farmers, potential farmers	1	15	2	13%	Small group meeting for extension & seeking the interest clients	45	846	475	56%	Coordination and monitoring meeting with relevant stakeholders (on marketing mechanism) /group	1	31	7	23%	Field coaching and mention on promotion and marketing	3	567	288	51%	Provincial monthly Progress meetings	4	70	17	24%	In sum total	59	1590	805	51%	<p>migrated to Phnom-Phen and even Thailand.</p> <ul style="list-style-type: none"> The contractor has committed to cooperate with village chiefs to get more women workers.
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<p>1.1.6 Involve at least 30% of women as active agents in the promotion campaigns on the use of renewable energy solutions. Target: 5</p>	<p>GFP PPIUs conducted monitoring, follow up and disseminate the importance of using Bio-digester to community beneficiary, especially focusing on women with PMU/ PPIUs staff, the use of Bio-digester on mixed agriculture network of women farmers with total 620 participants (317 female or 51 %) (Attached table 2).</p> <p>Table 4: Summary of participants Meeting / Awareness, Training</p> <table border="1"> <thead> <tr> <th>Province</th> <th>Numbers of participants</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Kampot</td> <td>99 (48 female or 48%)</td> <td>15 time conducted follow up on the use Bio-digester mixed agriculture of the WFNs</td> </tr> <tr> <td>25 (12 female or 48%)</td> <td>3 time conducted follow up of the use on Bio Digester on mixed agriculture of the WFNs</td> </tr> <tr> <td>Kompong Charm</td> <td>7 (3 female or 43%)</td> <td>Training of Biodigester and Composters</td> </tr> <tr> <td rowspan="3">Takeo</td> <td>15(6 female or 40%)</td> <td>Model farmers planting vegetables on the shelter in process of harvesting and replanting in Tramkok district</td> </tr> <tr> <td>90 (32 female or 36%)</td> <td>9 reminding training courses of the Bio-digester and compost Huts in commune and district level.</td> </tr> <tr> <td>324 (181 female or 56 %)</td> <td>10-time joint conducted awareness of Bio-digester and Compost Huts</td> </tr> <tr> <td></td> <td>60 (35 female or 58%)</td> <td>6 training courses on composting and use and recycling of Biodigester</td> </tr> </tbody> </table>	Province	Numbers of participants	Activity	Kampot	99 (48 female or 48%)	15 time conducted follow up on the use Bio-digester mixed agriculture of the WFNs	25 (12 female or 48%)	3 time conducted follow up of the use on Bio Digester on mixed agriculture of the WFNs	Kompong Charm	7 (3 female or 43%)	Training of Biodigester and Composters	Takeo	15(6 female or 40%)	Model farmers planting vegetables on the shelter in process of harvesting and replanting in Tramkok district	90 (32 female or 36%)	9 reminding training courses of the Bio-digester and compost Huts in commune and district level.	324 (181 female or 56 %)	10-time joint conducted awareness of Bio-digester and Compost Huts		60 (35 female or 58%)	6 training courses on composting and use and recycling of Biodigester	
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<p>1.1.7 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</p>	<p>GFP in the 2-target province was joint conducted:</p> <ol style="list-style-type: none"> 3. 7 time in Kompot Province for presentation on gender mainstreaming in Bio-digester compost Huts promotion/ awareness and follow up the use of bio-digester on mixed agriculture network of women farmers to the beneficiary in the target areas with total 75 participants (42 female or 55%). 4. 15 times in Takeo conducting facilitate and provide gender mainstreaming on the importance f Bio-digester use to farmers beneficiary in Udom Sorya Commune, Tram Kak District. In 																						

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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change but also for greater gender equality (time saving, drudgery reduction, improved health). Action: 2	amount of 15 benefiting from the Bio- digester used, eight have had their livelihoods improved with total 15 participants (8 females or 53%) In sum total 91 participants (50 Female or 55%)														
1.1.8. 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. Action: 3	PMU/CS2 and PPIUs component conducted Training & Capacity Building Biodigester and Compost Hut, Promotion & Marketing, Monitoring & Evaluation, innovation & VC Improvement and installed 5places/sets in one province promotion signboards /h with total 233 training and meeting 807 participants (206 female or 26%)	Delayed construction of biodigester and compost hut cause potential farmers change their mind and postponed the activities busy with their core.													
Output 2: Climate smart agriculture and agribusiness promoted															
2.1 Gender equality in human development enhanced. OP 2.2															
2.1.1 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) (DMF 2b. OP 2.2.1) Target: 6	<ul style="list-style-type: none"> All GFP in the 4-target province conducted facilitations and monitoring by encourage ACs/ WFNs to participate in training courses on sustainable rice production (SRP) with total 2717 participants (1441 female or 53 %) and training of Climate smart Agriculture (CSA) with total 2477 participants (1449 female or 58 %) and training course on mechanical maintenance to farmers with total 25 participants (4 female or 16%). In sum total 5194 participants (2878 female or 55 %) (Attached table 8 and 8.1) <p>Table 5: Summary of participants in conducted facilitations training CSA</p> <table border="1"> <thead> <tr> <th>Province</th> <th>Numbers of participants</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Kompong Charm</td> <td>4(2 female or 50 %)</td> <td>1 CSA reminder Session in PDAFF</td> </tr> <tr> <td>25 (4 female or 16 %)</td> <td>Mechanical Maintenance Training Course</td> </tr> <tr> <td>22 HHH (FHH7 or 32%)</td> <td>Follow up and observation field demonstrations during the training course</td> </tr> <tr> <td></td> <td>41(12 female or 29 %)</td> <td></td> </tr> </tbody> </table>	Province	Numbers of participants	Activity	Kompong Charm	4(2 female or 50 %)	1 CSA reminder Session in PDAFF	25 (4 female or 16 %)	Mechanical Maintenance Training Course	22 HHH (FHH7 or 32%)	Follow up and observation field demonstrations during the training course		41(12 female or 29 %)		<ul style="list-style-type: none"> The GFPs at local and provincial level will continue to push for the target. The Gender team notice better performance and understanding of project modalities from GFPs. Growing season, the farmers are busy with their produce and difficult meet them
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Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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			Sustainable Rice Production (SRP) , Climate Smart Agriculture (CSA) implementation training and site observation for Warehouse storage for year 2022 of the Cassava rice warehouse construction process at ACs Sambo Meanchey Community / Stung Trang Sen Chey Community Prey Chor district	
		60 (28 female or 47 %)	2 CSA training on rice sessions in Trapeang Reang Village and Svay Rak Village, Sory Sen Commune, Prey Chhor District	
		60 (33 female or 55 %)	2 CSA training course on cassava sessions in Srob village, Sambo village, Sopheas commune, Stung Trang district	
		25 (8 female or 32 %)	1 course on good management of Maize crop in Han Chey Commune, Kampong Siem District	
		25 (3 female or 12 %)	1 CSA Review training Session on the Community Leadership Training	
	Tbong Khmum	120 (38 Female or 32%)	Monitor and follow up field demonstrations during the (SRP) and (CSA) training at Baray Andong Ang ACs / Ram Cheung Prey ACs in Romchek commune, Memot district, Toul Snoul commune, Krouch Chhmar district, Seda commune, Tambor district.	
		60 (28 female or 47%)	2 CSA training on rice sessions in Trapeang Reang Village and Svay Rerk Village, So Sen Commune, Prey Chhor District	
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Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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		25 (3 female or 12%)	1 CSA Review training Session on community Leadership	
	Takeo	180 (115 female or 64 %)	6 CSA training sessions (Continued from last month)	
		128 (115 female or 64%)	6 CSA Training sessions (Continued from last month) Continuing Session	
		155 (75 female or 48%)	31 demonstrations conducted follow up and monitoring on the rice fields during the Sustainable Rice Production (SRP) and Climate Resilience (CSA) implementation	
	Kompot	46 (26 female or 57%)	Training course on SRP	
		25 (3 female or 12%)	Training on Community Leadership	
		1410 (915 female or 65%)	from 05.07 to 18.08.2022, joint conducted 47 Training on Climate Smart Agriculture (CSA) in Angkor Chay , Chum Kiri , Kampong trach, Tek Chou , Dong Tong , Bang Teay Meas district	
	Table 5.1.: Summary of participants in conducted facilitations training SRP			
	Province	Numbers of participants	Activity	
	Kompong Charm	30(13 female or 43 %)	Training course on SRP at ACs Khvit Thom Chamroeun, Khvit Thom Commune Prey Chhor District	
	Takeo	90 (65 female or 72%)	3 SRP training sessions (Continued from last month)	
		155 (75 female or 48%)	31 rice field demonstrations were conducted follow up during the Sustainable Rice Production (SRP) and Climate Resilient Agriculture (CSA) training	
		120 (82 female or 68%)	4 SRP training sessions (Continued from last month)	
	Tbong Khmum	300 (166 female or 55%).	Joint conducted, facilitate and follow up with encourage women farmers to participate in the training course on (SRP) in Chi Kor commune Tbong	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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			Khmum District 300 (49 female or 16%) From 22 to 26 .08 2022 conducted facilitate and follow up with encourage women farmers to participate in training courses on (SRP) 90 (38 female or 42 %). From 17 to 19 .08 .2022 Follow-up and back stopping training on Sustainable Rice Production (SRP) after the training in Romchek commune, Memot district, Toul Snoul commune, Krouch Chhmar district, Seda commune, Tambor district 150(62 female or 41%) From 09 to 07.08. 2022 Facilitate, observation and encourage women farmers to participate in training courses on sustainable rice production (SRP) in Chikor Commune, Tbong Khmum District, Teuk Chrov Commune, Seda Commune, Tambor District 150 (66 female or 44%) From 18 to 22 .07 .2022 Follow-up and observation after the taringing on Sustainable Rice Production (SRP) in Romchek commune, Memot district, Toul Snoul commune, Krouch Chhmar district, Seda commune, Tambai district 30 (13 female or 43 %) Joint conducted training course on SRP in ACs Khvit Thom Chamroeun Chamroeun, Khvit Thom Commune, Prey Chhor District Kompot 1302(812 females or 62 %) 55 times joint conducted training, facilitate, monitor and encourage WFNs to participate in training courses on sustainable rice production (SRP). Gender were integrations in the training course at Dong Tong, Kriry Chum, TeKk chou, Banteay Meas, Chouk, Chum Kiri, Kampong trach , Angkor Chay). Women and men are actively involved, receive and sharing knowledge in equally	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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	<ul style="list-style-type: none"> PMU/CS2 and PPIUs component conducted refresher training of trainers (ToT) on CSA for provincial trainers, Refresher training of trainers on SRP for provincial trainers, Training of trainers (TOT) for Contract farming and follow up technical support or backstopping of GDA on training of farmers on SRP and CSA with total 10 time refresh training of trainers for provincial team/a with total 1998 participants (1026 female or 51%) ,Training of farmers on CSA, SRP, CamGAP/ with total 596 time refresh training of trainers for provincial team/a with total 17,006 participants (8,752 female or 51%), Training of ACs boards on ACs business development/a with total 62 time with total 1400 participants (368 female or 26 %), Training on landscape restoration (farm mechanization)/a with total 40 time with total 1000 participants (276 female or 28%), In sum total 708 time with total 21404 participants (10422 female or 49%. (Attached table 6) 	

Table 6: Summary of participants in the training conducted by PMU/CS2 and PPIUs component

Specification	Time	GDA		KPT		TAK		TBK		KCM		Total Participant		
		Total	F	Total	F	Total	F	Total	F	Total	F	Total	F	%F
Refresher training of trainers (ToT) on CSA for provincial trainers	2	52	18	0	0	0	0	0	0	0	0	52	18	35%
Refresher training of trainers on SRP for provincial trainers	2	44	8	0	0	0	0	0	0	0	0	44	8	18%
Training of trainers (TOT) for Contract farming	2	42	6	0	0	0	0	0	0	0	0	42	6	14%
Follow up technical support or backstopping of GDA on training of farmers on SRP and CSA	4	1860	994	0	0	0	0	0	0	0	0	1860	994	53%
Total refresh training of trainers for provincial team/a	10	1998	1026									1998	1026	51%
Conducted 296 Training of farmers on climate smart agriculture (CSA) for 80 rice, 40 cassava, 40 maize	296	0	0	2400	1732	960	600	2508	974	1980	806	7848	4112	52%
Conducted 296 Training of farmers on sustainable rice production (SRP)	292	0	0	3480	2122	540	298	1800	902	3138	1202	8958	4524	51%
Conducted 18 training of farmers on CamGAP practice and standard compliant for fruit crop-Mango	8	0	0	200	116	0	0	0	0	0	0	200	116	58%
Training of farmers on CSA, SRP, CamGAP	596	0	0	6080	3970	1500	898	4308	1876	5118	2008	17,006	8,752	51%

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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Conducted 16 Training of ACs boards on leadership and management	16	0	0	0	0	0	0	0	400	84	0	0	400	84	21%	
Conducted 8 Training of ACs boards on marketing principles	8	0	0	0	0	0	0	0	200	52	0	0	200	52	26%	
Training of ACs boards on annual report writing	24	0	0	0	0	0	0	0	0	400	112	400	112	400	28%	
Training of ACs boards on bookkeeping	14	0	0	100	48	0	0	300	72	0	0	400	120	400	30%	
Training of ACs boards on ACs business development/a	62	0	0	100	48	0	0	900	208	400	112	1,400	368	400	26%	
Training of farmers on O&M of agricultural machinery	16	0	0	0	100	20	0	0	0	300	80	400	100	400	25%	
Training of farmers on agriculture production conservation	4	0	0	100	60	0	0	0	0	0	0	100	60	100	60%	
Training of farmers on laser land levelling	4	0	0	0	0	0	0	100	20	0	0	100	20	100	20%	
Training of farmers on post-harvest technology	16	0	0	0	0	0	0	0	0	400	96	400	96	400	24%	
Training on landscape restoration (farm mechanization)/a	40	0	0	100	60	100	20	100	20	700	176	1000	276	1000	28%	
In Sum total		708	1998	1026	6280	4078	1600	918	5308	2104	6218	2296	21404	10422	40000	49%
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) Target: 7	<ul style="list-style-type: none"> The training materials and training manuals were prepared by CS2 component National Farmer water user Community training Specialist with selected the potential candidates for FWUC and FWUG participants. CS2 component with supporting from MOWRAM PMU/PPIU and FGP conducted 7 training meeting, monitoring and follow up to FWUC representatives and local authorities such as administrative tasks, communication skills, financial management / book keeping training, review the FWUC statute and by-laws, FWUC Committees election, Official announcement to carry out the FWUC Statute and by-laws to FWUC representatives in the 4 target provinces at Kampot province: at Trapeang Beung with total 68 trainees (14 female or 21%), Kandoal with total 24 participants (6 female or 25%) Trapeang Run with total 23 participants (5 female or 22%) Takoch with total 23 participants (5 female or 22%). Kampong Cham: at O'Kamprok with total 19 participants (5 female 22%). Takeo: at Kwaeng Tayee with total 33 participants (9 female or 27%) Kraing Ampil 22 participants (4 female or 18%) 															

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (September 2022) (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>and Kampong Cham: at 5 Kompheak with total 44 trainees (10 female or 23%). In sum total 237 participants (53 female or 22%) the target achieve is less than GAP target set.</p> <ul style="list-style-type: none"> •CS2 component with supporting from MOWRAM PMU/PPIU and FGP conducted 10 trained, meeting, monitoring and follow up to FWUC representatives and with meet local authorities such as meeting to review the FWUC statute and by-laws, FWUC Committees election, Official announcement to carry out the FWUC Statute and by-laws, Study and Designs in Trapeang Beung, Kandori, Kwaeng Tayee with total 360 participants (122 female or 34 %). (Attached table 10) <p>Table 7: Summary of participants in the FWUCs training</p> <table border="1"> <thead> <tr> <th>Specification</th> <th>Total</th> <th>F</th> <th>F%</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>Meeting with local authorities & beneficiaries to provide information for Prey Rumdeng FWUC establishment, trained the administrative tasks, and financial management/book keeping.</td> <td>51</td> <td>20</td> <td>39</td> <td>The official announcement to recognize the 2 FWUCs namely 5 Kompheak FWUC and O'Kamprok FWUC.</td> </tr> <tr> <td>The official announcement meeting to carry out the FWUC statute and by-laws declared to the FWUCs in</td> <td>98</td> <td>35</td> <td>36</td> <td rowspan="2">In sum total 171 participants (62 female or 36%)</td> </tr> <tr> <td>5 Kompheak irrigation sub project O'Kamprok FWUC</td> <td>73</td> <td>27</td> <td>37</td> </tr> </tbody> </table>	Specification	Total	F	F%	Remark	Meeting with local authorities & beneficiaries to provide information for Prey Rumdeng FWUC establishment, trained the administrative tasks, and financial management/book keeping.	51	20	39	The official announcement to recognize the 2 FWUCs namely 5 Kompheak FWUC and O'Kamprok FWUC.	The official announcement meeting to carry out the FWUC statute and by-laws declared to the FWUCs in	98	35	36	In sum total 171 participants (62 female or 36%)	5 Kompheak irrigation sub project O'Kamprok FWUC	73	27	37	
Specification	Total	F	F%	Remark																	
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Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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	The Administrative tasks were provided to FWUCs in - Takeo: 2 FWUCs conducted training to FWUC representatives Kampong Cham: 1 FWUC conducted training to FWUC representatives	62	21	34	In sum total 93 participants (28 female or 30%)	
	1 FWUCs representatives in Kampong Cham were conducted training on the financial management/ book keeping	45	12	27		
	Total	360	122	34%		
2.1.3 30% of women farmers, including the WFN members, are involved in the selection and multiplication of climate resilient crop varieties. Target: 8	CS2/PMU / PPIU component and GFP conducted 20 On-farm adaptive trial on promising line trials in Kompong Charm and Takeo province 24 training of farmers group on best management practice with 18 rice, 2 cassava, and 4 maize production-CARD on-field Maize seed demonstration and 2 identify maize demo of the key farmers with total 45 participants (17 female or 38%) (TAK=5, KPT=7,KCM=15, TBK=18) that variety CHM01=32 and other one with total 45 participants (17 Female or 38%) from TAK=5, KPT=7,KCM=15, TBK=18 that variety CHM01=32 the ssource from Banteay Dek Station and Loeung Mongkul Russey and or CM 1=13 the seed source from CARDI. In sum total 90 participants (34 female or 38%).					<ul style="list-style-type: none"> •Vegetable growing techniques on the shelf is limited with a low market price and the fertilized increasing price.

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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<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). Target: 9</p>	<p>GFP in Kompot province conducted monitor the acquisition of knowledge and skills from training, demonstrations, study tours and sharing experiences with community members in Banteay Meas and Dang Tong District with total 25 participants (8 female or 32 %). This target is less than GAP target set due to women are busy with her core work in the rice season. On 15 & 16.08.2022, conducted 2 trials in CARDI transplanted and plant in tillering stage. 1 trial in Kampong Cham transplanted and other trial in Takeo transplanted again with 3 FHH.</p>											
<p>2.1.5 Women represent 40% of increased labor pool of individuals who can operate agricultural machinery. (2017 baseline: 0) Target: 10</p>	<p>GFP conducted follow up and encourage communities, especially women, to participate in agricultural machinery control activities at the commune level with total 12 participants (9 female or 75%)</p>											
<p>2.1.6 Strengthen linkages between farms/cooperatives/enterprises and agribusiness industry, especially women-led and/or owned farms/enterprises and cooperatives with majority female members. Action: 4</p>	<p>GFP in Kampot province follow up the acquisition of knowledge and skills from training, presentations, study tours and share experiences with community members with total 25 participants (8 female or 32 %).</p> <p>GFP follow up rice fields, Maize and data collection, showed seed with provided seeds, introduced techniques selected field and prepare land for demonstrations implemented transplanting techniques with the application of topical fertilizer on rice fields of the varieties production of Romduol and Malis seedlings transplanted of the sustainable farming techniques on climate smart agriculture produced with total 823 participants (248 female or 30 %)</p> <p>Table 8: Summary of participants Meeting / Awareness, Training</p> <table border="1"> <thead> <tr> <th>Province</th> <th>Numbers of participants</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Kampong Charm</td> <td>34 (female 13/38%) 19 HHHs/ 7 HHFs</td> <td>Follow up rice fields, showed and introduced techniques to farmers</td> </tr> <tr> <td>47 (female 19 or 40 %)</td> <td>Follow up and introduced sustainable farming techniques and field demonstration of climate smart agriculture produced of Maize</td> </tr> <tr> <td>60 (female 35 or 52 %)</td> <td>Select fields, show seed production and provide seeds</td> </tr> </tbody> </table>	Province	Numbers of participants	Activity	Kampong Charm	34 (female 13/38%) 19 HHHs/ 7 HHFs	Follow up rice fields, showed and introduced techniques to farmers	47 (female 19 or 40 %)	Follow up and introduced sustainable farming techniques and field demonstration of climate smart agriculture produced of Maize	60 (female 35 or 52 %)	Select fields, show seed production and provide seeds	<p>Women are less involved due to being busy with their housework and the percentage of women in the ACs committees are lower than the existing list.</p>
Province	Numbers of participants	Activity										
Kampong Charm	34 (female 13/38%) 19 HHHs/ 7 HHFs	Follow up rice fields, showed and introduced techniques to farmers										
	47 (female 19 or 40 %)	Follow up and introduced sustainable farming techniques and field demonstration of climate smart agriculture produced of Maize										
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Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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	Takeo Kampong Charm	87(57 female or 66%) 4 ha 10 HHH (4 FHH or 40%) 400(251 female or 63%) 55 (32 female or 58%) 60 (35 female or 58%) 34 (13 female or 38%) 19 farmers HHH (7 FHH or 37%) 47 (19 female or 40%)	8 demonstrations planted in Maize in Kirivong & Tram Kak District 57 seed were selected for rice fields to show seed production and provided implemented transplanting techniques and the application of topsoil on rice fields, of the Romduol and Meredey flowers in Tram Kak District, Kirivong, Bati, Samrong, Prey Kabas Traing . Land 5.7 ha, 34 HH (14 FHH or 41%). 19 seedlings transplanted 19 HH (7 FHH or 37%) 1 Maize demonstration plant and prepare 4 land demonstrations for plating Select fields, show seed production and provide seeds Follow up rice fields, showed and introduced techniques to 19 farmers HHH (7FHH or 37%) Follow up and introduced sustainable farming techniques and field demonstration of climate smart agriculture produced of corn		
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). Target: 11	On 17/08/2022 CS2 component conducted business forum on Maize crop commodities for PPIU-TBK with total 29 participants (3 female or 10%), the target is low than GAP set due to the used of the existing list.				
Output 3: Enabling environment for climate friendly agribusiness enhanced					
Gender equality in decision-making and leadership enhanced. OP 2.3					
3.1.1 Climate-smart and gender-responsive agribusiness policy for target	The activities are pending approval of the Annual Work Plan 2021 by ADB and MEF.				

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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<p>commodities, including a PPP framework focusing on agribusinesses formulated and approved. (2017 baseline: 0) (DMF 3a. OP 2.3.1) Action 5:</p>		
<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. Action: 6</p>	<p>The consultants met with H.E Hor Malin on 22nd September 2022, to discuss progress on the project pertaining to Gender. These meetings are a great opportunity to inform H. E. on issues, problems, successes etc. The meeting takes place twice annually, while the last meeting took place in December 2021, the next one is set for January 2023,</p> <p>Women access to joint participation promote female labor force in the construction and other work. We consider interventions that 1. provide job placements through employers and changes in the hiring process 2. Allow flexible working hours and working in the construction 3. provide economic incentives for women to work .4. foster equal rights for male and female employees (equal payment in equal work)</p>	<ul style="list-style-type: none"> • Women are also perceived to be limit in capable of making a decision and contribution because they are either illiterate, busy house work, or lack technical skill in the construction & communication/ negotiating skills.
<p>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</p>	<ul style="list-style-type: none"> • 8 female or 25% out of 32 participants joint conducted training by CS2 component of the training need assessment on Green Financing orientation to 25 Banks, 12 PPIU, ABC, ARD, PMU from Kampong Cham and Tbong Khmom to define their understanding and capacity needed and recommendation to strengthen the Green Financing in Cambodia. • CS2 component conducted 2-time training need assessment at Tbong Kmum and Kampong Charm with PPIU team to understanding their training need on GF and framework of GF framework with total 12 participants (1 female or 9%) this target less than GAP set due to use of the existing set. 	
<p>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) Target: 13 #</p>	<ul style="list-style-type: none"> • CS2 component conducted orientation on the green finance (CF) framework and work plan for PMU cooperation with ABC, MFI and ARDB to implementation on the GF for agriculture sector with total 20 participants (7 female or 35%). • During the reporting, result of achievement is training Need Assessment tools was developed and consulting within the team and will conduct the survey by early of quarter-three, 2022. 	
<p>3.2.3. Raise awareness among women farmers/ cooperative members, women-</p>	<ul style="list-style-type: none"> • The training need assessment on Green Financing was conducted with 25 Banks to define their understanding and capacity needed and recommendation to strengthen the Green Financing in Cambodia and the framework of the green financing implementation under the CFAVC project 	

<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (September 2022) (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>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 Action: 7</p>	<p>was development and present to PMU to understand the procedure to the link between ACs /Agribusiness to green financing.</p> <ul style="list-style-type: none"> •The main training topic was identified through the TAN and the training material is progressing to develop and training need Assessment for AC and agri-business was developed and planned to conduct with AC in Early of Sep 2022. •The Green Finance and Risk Sharing Mechanism were attended the meeting with Green Finance Facility which chair by Minister, of Environment/NDA and government line ministries, DPs and Associate Bank of Cambodia and Micro Finance Institute and working Group which from PMU, ARDP, ABC and MFI to discuss on the GF un the project framework and climate screening and green project development and ARDB, ACLED and AMK to discuss on the potential for implementation on Green Financing Project at CFAVC project at Kampot, Kampong Cham, Takeo and Tbong Khmum provinces and how to strengthening the banks and MFI at provincial level with total 156 participants (58 Female or 37%) <p>Table 9: Summary of participants Meeting / Awareness, Training</p> <table border="1"> <thead> <tr> <th rowspan="2">Detail Activities</th> <th colspan="3">Total participants/qty</th> </tr> <tr> <th>Total</th> <th>Female</th> <th>% F</th> </tr> </thead> <tbody> <tr> <td>Attended the meeting with Green Finance Facility which chair by Minister, of Environment/NDA and government line ministries, DPs and Associate Bank of Cambodia and Micro Finance Institute Member</td> <td>76</td> <td>27</td> <td>36%</td> </tr> <tr> <td>2-time conducted meeting with Green Financing Technical Working Group which from PMU, ARDP, ABC and MFI to discuss on the GF un the project framework and climate screening and green project development.</td> <td>14</td> <td>5</td> <td>36%</td> </tr> </tbody> </table>	Detail Activities	Total participants/qty			Total	Female	% F	Attended the meeting with Green Finance Facility which chair by Minister, of Environment/NDA and government line ministries, DPs and Associate Bank of Cambodia and Micro Finance Institute Member	76	27	36%	2-time conducted meeting with Green Financing Technical Working Group which from PMU, ARDP, ABC and MFI to discuss on the GF un the project framework and climate screening and green project development.	14	5	36%	
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Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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	2 time conducted with the Green Finance Landscape was drafted by consulted on data and information from key stakeholder such as Detriment of climate change/ NDA secretariat, National Council for Sustainable Development, GDA/MAFF, Crop insurance company, ABC and MFI members and DPs. The report is reviewing by International Green Financing Specialist.	14	3	21%	
	The green financing facilities framework for CFAVC has been developed and consulted with PMU. The detail training curriculum will develop and finalize by Sep 2022	8	2	25%	
	Discuss with Forte insurance on the crop insurance and disseminate the climate information to ACs and Agri-business.	1	0	0%	
	Conducted a meeting with ARDB, ACLED and AMK to discuss on the potential for implementation on Green Financing Project at CFAVC project at Kampot, Kampong Cham, Takeo and Tbong Khmum provinces and how to strengthening the banks and MFI at provincial level.	8	5	63%	
	Conducted meeting Green Financing Manager at Agriculture, Rural Development Bank to discuss on the Green Financing Facility Development and How to access on the Green Climate Fund for Agriculture. ARDB agreed to strengthening and link for GCF for agriculture green project and committed to closed and well coordinate with CFAVC/MAFF.	4	2	50%	
	Organize training orientation on green financing to PPIU at target provinces (Kampot, Takeo, Kampong Cham and Tbong Khmum province) to understand on the green financing concept and its framework under CFAVC project. And develop the priority training on green project for ACs at their province.	31	14	45%	
	In sum total	156	58	37%	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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<p>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 #</p>	<p>The activities are pending approval of the budget by ADB and MEF. During the reporting, result of achievement as the following:</p> <ul style="list-style-type: none"> - Reviewing existing relevant document - Identify the crop insurance company such as FORTE Insurance Company to understand on the requirement and climate risks to access the crop insurance. - Drafting training material and tool of sharing mechanism. 	<ul style="list-style-type: none"> •No budget for provided gender training and waiting for ADBs approval on the Pilot practical training.
<p>Project management gender related activities</p>		
<p>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, Agricultural Cooperatives and sub-national gender focal points (province, district, commune), and agricultural cooperatives as key partners in project implementation, monitoring and reporting.</p>	<ul style="list-style-type: none"> • From 25 to 29 July 2022, field mission was meet with PDAFF and PDRD for orientation of the field mission objective with total 16 participants (4 female or 25%) and site of the improvement road construction in Dambae Rungreung and Kdey Songkheum Kasekorin with total 15 participants (3 female or 20%) and group discussing with FWUCs/FWUGs, ACs, villages & commune authority, GFP from PDROWRAM at Prey Kdouch and Kraing Empil irrigation subproject with total 34 participants (11 female or 32%). In sum total 65 participant (18 female or 28%). • From 27 to 30 /09 2022 the PPIU (MRD, MAFF) GFP and related person in the target villages commune conducted 2 time meeting with communes' authority to observations the contribution of gender sensitive for rural road subprojects in ACs Rasmey Samaky Mearn Chey and ACs Kaseko Rong Reung Road (CW17a-CFAVC-MRD-KP-1-2020 and CW17a-CFAVC-MRD-KP-2-2020) subprojects in Chres and Sre Chaeng commune for MRD road subprojects , Chumkiri and Chhuk district, KomPot province with total 43 participants (8 female or 19%). The target lower than GAP target set due to use the existing list. • 2-time discussions with ACs management team, FWUCs/FWUGs an assessment of social conditions in the sub-project target area was elaborated in 2 ACs in Kampot province with total 12 ACs members (3 Female or 25%). ACs in Takeo province with total 78 ACs members (29 Female or 37%). 8-time discussion with ACs in Takeo province with total 78 ACs members (29 	<ul style="list-style-type: none"> •Preferably monthly meetings with relevant stakeholders. The civil work in the 3 Ministry become more and more, spend a lot of time to collected report from contractors site engineers and CSs.

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

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	<p>Female or 37%). In sum total 10 time with total 90 participants (32 female or 32 %). The subproject under MAFF.</p> <ul style="list-style-type: none"> •All of ACs were create by PDAFF and the members of ACs are Women Farmers Network (WFN) agricultural products supplier. ACs have their own business such as save money, clean water, buy and sell safe vegetables, agricultural inputs, plowing, sell fertilizers, sell rice, weave, produce soap, vender trader, produce and sell natural fertilizers and rice seeds. The sources of ACs budget for implementation derived from shareholders and community business. The community well aware about the ACs activities. The main task of work for ACs members is rice production, animal husbandry, fruits and vegetables cultivating in the families, sell laborer. 	
<p>4.2. Prepare annual work plans to implement the activities of the GAP.</p>	<ul style="list-style-type: none"> •Training manuals, for GFP and Key person implementation at community level, including gender awareness materials were prepared and will be disseminated in trainings. •GFP Team together with the Gender consultants has developed tools for gender checklists and tested with communities and trained ToTs ensuring especially women clearly understand the definition, concept, and gender roles for agriculture and water management O& M, and also include best practices on integration of gender into CFAVC during field training. •All terminology and message in the training materials used local terminology with pictures showing relevant topics and roles and responsibility of both men and women which advances gender sensitive knowledge, skills and attitude. Village planning will be prepared at the end of each training, involving local women and men in each village, where women community leaders are encouraged to take on roles and responsibilities and contribute to the WFN and the Agricultural Cooperatives as key partners in project implementation and monitoring, especially for the GAP activities of villages and communes 	<ul style="list-style-type: none"> •No budget for provided gender training and waiting for approval on the Pilot practical training and workshop.
<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>	<p>Gender consultants, CFAVC and GFPs work closely with CPMU and PIU gender focal points related to delivering project’s activities by engaging to field monitoring, coaching, mentoring and on-the-job training in particular gender issues in linkages between farms/cooperatives/enterprises and agribusiness industry, especially women-led and/or owned farms/enterprises and cooperatives with majority female members, GAP implementation, monitoring and reporting and to build the</p>	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

<p>Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)</p>	<p>Progress to date (September 2022) (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>capacity of the GCPSU and gender focal points and PMU staff in gender analysis and mainstreaming, and working with contractors.</p>	
<p>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>	<p>To strengthen the capacity of Gender Focal Points (GFP) as trainers and ACs/ WFN / FWUCs/FWUGs and the communities following considerations in climate-friendly agribusiness value chains as central component of project capacity building activities were conducted: (i) conduct orientation on GAP to Key person in the commune (ii) provide TOT to Key person, with project's context, (iii) develop gender checklist, and (iv) sex-disaggregated data collection report in each training villages/commune.</p>	<p>The activities are pending approval of gender budget and transfers from ESA.</p> <p>As the GAP is mirrored the DMF, thus there is no separate budget to implement GAP, and it is well-integrated in the project's budget allocation/plan, such as training, sharing of information, workshop and awareness programs and field work etc.</p>
<p>4.5. Collection and analysis of sex disaggregated data where relevant and included in project reports (DMF, GAP and PPMS).</p>	<ul style="list-style-type: none"> •Meeting with the gender team, procurement specialist (MEF) and procurement specialist CS1, TL and DTL was organized aiming to obtain knowledge and kind of data from the project teams and aiming to review and update the budget and plan for social study/Gender analysis/Value Chain analysis. The concept notes requested letter and budget for the study was shared to the TL on 28th February for reviewing and commenting and sending the finalized letter for PRC reviews and advices. The activity is reflecting GAP Project Management and Gender-Specific Activities. 	<ul style="list-style-type: none"> •The activities are pending budget transfers by ESA.
<p>4.6. GAP implementation progress reports included in regular monitoring and reporting activities (at least semi-annually to ADB).</p>	<ul style="list-style-type: none"> •Gender focal persons meet every month and attend project meetings and visit construction sites to oversee the project implementation including women's participation and gender issues. •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. 	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 Third Quarterly Progress Report 2022: July - September

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (September 2022) (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"> •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 labor shortages in the construction. 	

Comments/ Remarks:

It is suggested that the project accelerate the construction of a bio-digester Compose Huts, provide a demonstration of mango cultivation by drip irrigation system, provide laser tillage of farmland before the rains, and provide financial equipment for timely demonstration of rice seed production and speed up the Gender budget transfer pending.

Accomplished by: _____

Date Accomplished: _____



ANNEX 11: Details Procurement July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

PROCUREMENT PLAN

Basic Data

Project Name: Climate-Friendly Agribusiness Value Chains Sector Project		
Project Number: 48409-002		Approval Number: 3661/8346/0579
Country: Cambodia		Executing Agency: Ministry of Agriculture, Forestry & Fisheries
Project Financing Amount: US\$ 141,040,000 ADB Financing: US\$ 90,000,000 Cofinancing (ADB Administered): US\$ 40,000,000 Non-ADB Financing: US\$ 11,040,000		Implementing Agency: Ministry of Rural Development, Ministry of Water Resources and Meteorology Project Closing Date: 30 September 2026
Date of First Procurement Plan: 29 June 2018		Date of this Procurement Plan: 4 August 2022, Version 4
Advance Contracting: Yes	Related to COVID-19 response efforts: No	Use of e-procurement (e-GP): 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.

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.

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CFAVC-M OWRAM-KPC-CW1 4-2 (2022)	Irrigation Subproject, Kampong Cham province (1 scheme) Pou Tatress Reservoir	1,057,200.00	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-M OWRAM-KPC-CW1 4-3 (2022)	Irrigation Subprojects, Kampong Cham province (2 schemes) Teuk Char East Teuk Char West Lot 1: Teuk Char East Lot 2: Teuk Char West	3,750,000.00 1,875,000.00 1,875,000.00	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-M OWRAM-KPT-CW12-2 (2021)	Irrigation Subprojects, Kampot province (2 schemes) Kandal Irrigation System Prawoek Pong Reservoir (70 ha) Lot 1: Kandal Irrigation System Lot 2: Prawoek Pong Reservoir (70 ha)	2,050,000.00 1,795,000.00 255,000.00	NCB	Post	1S1E	Q2 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
CFAVC-M OWRAM-KPT-CW12-3 (2022)	Irrigation Subproject, Kampot province (1 scheme) Trapeang Boeung Reservoir	2,162,250.00	NCB	Post	1S1E	Q4 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N

							<p>Bidding Document: Small Works</p> <p>Covid-19 Response? No</p> <p>Comments: SOP Updated Bidding Documents (2019)</p>
CFAVC-M OWRAM-T BM-CW13 -2 (2022)	<p>Irrigation Subprojects, Tbong Khmum province (2 schemes)</p> <p>Lot 1: Tbong Damei Community</p> <p>Lot 2: Kampong Raing Feeding Canal</p>	<p>1,964,210.00</p> <p>1,358,960.00</p> <p>605,250.00</p>	NCB	Post	1S1E	Q3 / 2022	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p> <p>Bidding Document: Small Works</p> <p>Covid-19 Response? No</p> <p>Comments: SOP Updated Bidding Documents (2019)</p>
CFAVC-M OWRAM-T BM-CW13 -3 (2022)	<p>Irrigation Subprojects, Tbong Khmum province (2 schemes) Choam Tahoeung (1120ha) Trapeang Ampil</p> <p>Lot 1: 1</p> <p>Lot 2: 2</p>	<p>2,350,000.00</p> <p>1,175,000.00</p> <p>1,175,000.00</p>	NCB	Post	1S1E	Q4 / 2022	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p> <p>Bidding Document: Small Works</p> <p>Covid-19 Response? No</p> <p>Comments: SOP Updated Bidding Documents (2019)</p>
CFAVC-M OWRAM-T EO-CW15-2 (2022)	<p>Irrigation Subprojects, Takeo province (3 schemes) Kwaeng Tayi Plov Touk & Chrouk 1 Prey</p>	2,867,160.00	NCB	Post	1S1E	Q3 / 2022	<p>Prequalification of Bidders: N</p> <p>Domestic Preference</p>

	Rumdeng feeding Canal						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-M OWRAM-TEO-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	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					
CW14 (CFAVC-M OWRAM-KPC-CW14-1 (2020))	Irrigation Subprojects, Kampong Cham province (2 schemes: 955 ha)	2,147,000.00	NCB	Post	1S1E	Q4 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document:

							Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: CW14-A Pram Kompheak (635 ha) Lot 2: CW14-B O kamprok (320 ha)	1,247,000.00 900,000.00					
CW15 (CFAVC-M OWRAM-TEO CW15-1 (2020))	Irrigation Subprojects, Takeo province (2 schemes: 750 ha) Lot 1: CW15-A Prey Kdouch (550 ha) Lot 2: CW15-B Krain Ampil (200 ha)	1,664,000.00 1,230,800.00 433,200.00	NCB	Post	1S1E	Q2 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
CW17a-C FAVC-MR D-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.Preyl Krang Khang Cheung-Trapeang Chhuk (6.568 km). Lot 2: Road Improvement total	3,605,058.00 2,201,113.23 1,403,944.77	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)

	(9.098 km) 1. Snay Anhchit – Thlok Yul (3.817 km); 2. Trapeang Run-Bariveas (5.281 km)						
CW17a-C FAVC-MR D-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	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-C FAVC-MR D-TK-1A & 2A-Batch 2	Rural Road Improvement (DBST/Concrete) in Takeo Province. Total (26.737 km)	4,056,654.00	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: Total (13.976 km) 1. Angh Trav-Stueng (8.203km); 2. Trav Aem-Angk Baksei (5.773 km)	2,131,618.83					
	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-HanTea (5.406 km)	1,925,035.17					
CW17b-C FAVC-MR D-TK-1A-B atch 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	NCB	Post	1S1E	Q2 / 2023	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works

							<p>Covid-19 Response? No</p> <p>Comments: SOP Updated Bidding Documents (2019)</p>
CW17b-C FAVC-MR D-TK-2A-B atch 3	Rural Road Improvement (DBST/Concrete) in Takeo Province. Total (18.43km): 1. Khnach Khang Tbound - Bei Pey (6.66km); 2. Daeum Thlok - Prey Nhuek (5.69km); 3. Ta Mau - Trapeang Vihear (6.08 km)	2,626,000.00	NCB	Post	1S1E	Q2 / 2023	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p> <p>Bidding Document: Small Works</p> <p>Covid-19 Response? No</p> <p>Comments: SOP Updated Bidding Documents (2019)</p>
CW17c-C FAVC-MR D-TBK-1A & 2A-Batch 2	Rural Road Improvement (DBST/Concrete) in Tbound Khmum Province. Total (29.261 km)	4,590,287.36	NCB	Post	1S1E	Q4 / 2022	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p> <p>Bidding Document: Small Works</p> <p>Covid-19 Response? No</p> <p>Comments: SOP Updated Bidding Documents (2019)</p>
	Lot 1: Toal:16.370 km: 1. From Chruol-Kbal Thnal (8.110 km); 2. From Sralab-Smaonh (5.437 km); 3.Kouk Srok (2.823 km)	2,247,270.00					
	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)	2,343,017.36					
CW17c-C FAVC-MR D-TBK-1A- Batch 3	Rural Road Improvement (DBST/Concrete) in Tbound Khmum province. Total (22.06 km): 1. Chey Nikom - Char Stueng Ta Thok (5.80 km); 2.Seda Sen	2,942,050.00	NCB	Post	1S1E	Q2 / 2023	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p>

	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-C FAVC - MRD-KC-1 A & 2A-Batch 2	Rural Road Improvement (DBST/Concrete) in Kampong Cham 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) Lot 2: Total 12.640Km: 1. From Dankao-Trapeang Bei (7.657 km); 2. From Pou Sala Ti Muoy-Sach Sour (4.983 km)	3,577,993.66 1,417,291.71 2,160,701.95	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)
CW17d-C FAVC-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	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)
CW3b1 (2021)	Construction of Agricultural Cooperative Storage	2,443,781.00	NCB	Prior	1S1E	Q4 / 2021	Prequalification of Bidders: N

	Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 21 units in 2021						Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: Kampot, 8 Units	931,205.00					
	Lot 2: Takeo, 13 Units	1,512,576.00					
CW3b2 (2021)	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 14 units in 2021	2,010,591.00	NCB	Post	1S1E	Q4 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 1: Kampong Cham, 4 Units	468,130.00					
	Lot 2: Tboung Khmum, 10 Units	1,542,461.00					
CW3b3 (2022)	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 25 units in 2022	3,110,901.04	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: Kampot	777,725.00					
	Lot 2: Takeo	777,725.00					

	Lot 3: Kampong Cham	777,725.00					
	Lot 4: Tboung Khmum	777,726.04					
G2	Rapid Test Kits = Bio / Organic Fertilizer Laboratory (materials and equipment)	1,007,722.18	ICB	Prior	1S1E	Q1 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods 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.

Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
CS3	Variety development by IRRRI (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	Q3 / 2022	FTP	Assignment: International Advance Contracting: N Covid-19 Response? No Comments: As agreed in the negotiation.
CS4	ICT (Including: Infrastructure, Software development, Training, workshops and Demonstrations, Policies and standards, Consultants, Office operations and support costs)	1,737,401.00	QCBS	Prior	Q1 / 2021	FTP	Assignment: International Quality-Cost Ratio: 90:10 Covid-19 Response? No Comments: Technical skills required.
CS6	Independent verification party	126,630.00	QCBS	Prior	Q3 / 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 Number	General Description	Estimated Value	Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW12-1	Irrigation Subprojects, Kampot province (1 scheme) Prey Takouch (450 ha)	675,700.00	1	NCB	Post	1S1E	Q1 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
CW18	Repairing Glasshouse for Germplasm Maintenance + net house	769,445.00	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)
	Lot 1: 1	256,481.60						

	Lot 2: 2	256,481.60						
	Lot 3: 3	256,481.80						
CW19a	Installation and commissioning of 500 biodigesters and 250 compost huts*	364,009.00	4	NCB	Prior	1S1E	Q2 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: First type of intervention subject to prior review. *amount included beneficiary cost estimates SOP Updated Bidding Documents (2019)
	Lot 1: Kampot	91,002.00						
	Lot 2: Kampong Cham	91,002.00						
	Lot 3: Takeo	91,002.00						
	Lot 4: Tboung Khmum	91,003.00						
CW19b	Installation and commissioning of 750 biodigesters and 375 compost huts Lot 1: Tboung Khmum Lot 2: Kampong Cham Lot 3: Takeo Lot 4: Kampot	544,484.00	4	NCB	Post	1S1E	Q2 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No Comments: *amount included beneficiary cost estimates SOP Updated Bidding Documents (2019)
	Lot 1: Kampot	136,121.00						
	Lot 2: Kampong Cham	136,121.00						
	Lot 3: Takeo	136,121.00						

	Lot 4: Tboung Khmum	136,121.00						
CW20-IA-GDA	Net house construction	24,000.00	1	SHOPPING	Post		Q2 / 2022	Covid-19 Response? No Comments: RFQ without advertisement
CW21-IA-GDA	Renovation Lab for NAL	91,397.00	1	SHOPPING	Post		Q2 / 2022	Covid-19 Response? No Comments: RFQ with advertisement
D1a	Demonstration and Training for Laser land levelling (500ha) Lot 1: Tboung Khmum Lot 2: Kampong Cham Lot 3: Takeo Lot 4: Kampot	300,000.00	4	NCB	Prior	1S1E	Q4 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Covid-19 Response? No
	Lot 1: Tboung Khmum	75,000.00						
	Lot 2: Kampong Cham	75,000.00						
	Lot 3: Takeo	75,000.00						
	Lot 4: Kampot	75,000.00						
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: Goods Covid-19 Response? No

								Comments: First type of intervention subject to prior review.
G4	Equipment for Mechanizations Workshops for all four provinces	634,076.00	1	NCB	Post	1S1E	Q1 / 2022	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No

Consulting Services								
Package Number	General Description	Estimated Value	Number of Contracts	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 02 dryer sheds for 100-ton warehouse (2 x \$40,000)	80,000.00	1	RFQ for Works	Post		Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
CW16	Remaining Irrigation subprojects for four provinces	5,719,178.52	8	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N

	Lot 1: 1	714,897.30					Bidding Document: Small Works Covid-19 Response? No Comments: (less CW12-15)
	Lot 2: 2	714,897.30					
	Lot 3: 3	714,897.30					
	Lot 4: 4	714,897.30					
	Lot 5: 5	714,897.30					
	Lot 6: 6	714,897.30					
	Lot 7: 7	714,897.30					
	Lot 8: 8	714,897.42					
CW19	Installation and commissioning of 11,500 biodigesters and 5,750 compost huts	8,367,490.00	12	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
CW1a	On-farm rainfall water collection ponds for all provinces (80 ponds)	1,134,368.00	4	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small

	Lot 1: Kampot province	283,592.00					Works Covid-19 Response? No Comments: SOP Updated Bidding Documents (2019)
	Lot 2: Takeo province	283,592.00					
	Lot 3: Tboung Khmum	283,592.00					
	Lot 4: Kampong Cham	283,592.00					
CW1b	On-Farm Water Catchment Ponds - for 4 provinces (remaining 720)	8,418,208.00	12	NCB	Post	1S1E	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	701,517.37					
	Lot 2: 2	701,517.33					
	Lot 3: 3	701,517.33					
	Lot 4: 4	701,517.33					
	Lot 5: 5	701,517.33					
	Lot 6: 6	701,517.33					
	Lot 7: 7	701,517.33					
	Lot 8: 8	701,517.33					

	Lot 9: 9	701,517.33					
	Lot 10: 10	701,517.33					
	Lot 11: 11	701,517.33					
	Lot 12: 12	701,517.33					
CW5	Renovation of Agriculture Extension Building in Kampot	12,900.00	1	RFQ for Works	Post		<p>Covid-19 Response? No</p> <p>Comments: RFQ with advertisement</p>
D1	Demonstration and Training for Laser land levelling (3,500ha)	1,979,592.00	4	NCB	Post	1S1E	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p> <p>Bidding Document: Small Works</p> <p>Covid-19 Response? No</p>
G1	Biotechnology (NAL) Laboratory (including tissue culture house equipment)	1,921,673.00	1	ICB	Post	1S1E	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p> <p>Bidding Document: Goods</p> <p>Covid-19 Response? No</p> <p>Comments: Reduced by \$115,397.00 (\$91,397 for renovation room lab and \$24,000 for the construction net house - package CWX-IA-GDA)</p>

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
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	Prior	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: First type of intervention subject to prior review.
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
G8	Six Paddy Milling Equipment	112,382.00	1	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works

							Covid-19 Response? No
G9	Five units of Maize Shellers (2 tons)	18,730.00	1	RFQ for Works	Post		Covid-19 Response? No Comments: RFQ without advertisement

Consulting Services							
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

Goods and Works							
Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	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-CF AVC-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-CF AVC-MRD-KP-01-2020	Rural Road improvement (DBST) Kampot province (20.10 km)	2,535,380.05	2,144,304.98	NCB	Q1 / 2021		Royal Mekong
CW17b-CF AVC-MRD-TK3-2020	Rural Road improvement (DBST) Takeo province 14.67 km)	2,436,504.00	2,123,018.50	NCB	Q4 / 2020		Henan Water (PCSS 0032, 0004 & 0009); Hout Chhoun (PCSS 0033, 0005 & 0010)

CW17c-CF AVC-MRD- TBK-01-20 20	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	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. Kampot (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 / 2021	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 / 2021	13-JUL-22	HGB Auto Co., Ltd (PCSS 0037)

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 (AESA) (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

5. 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.

6. 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.

7. 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.

8. 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.



ANNEX 12: Disbursement Details July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project
ADB Loan Numbers: L 3661-CAM (COL), L8346-CAM(EF), Grant No. 0579-CAM(EF)

Quarterly Financial Report for the quarter ending: 30/Sep/2022

Content:

CONSOLIDATED

1. Table: Disbursement S-Curve
2. Table: Utilization of Funds-All PMUs
3. Table: Summary of Disbursement-All PMUs
4. Table: Summary of Expenditures-All PMUs
5. Table: Summary of Expenditures by Sources of Fund-All PMUs

ANNEX:

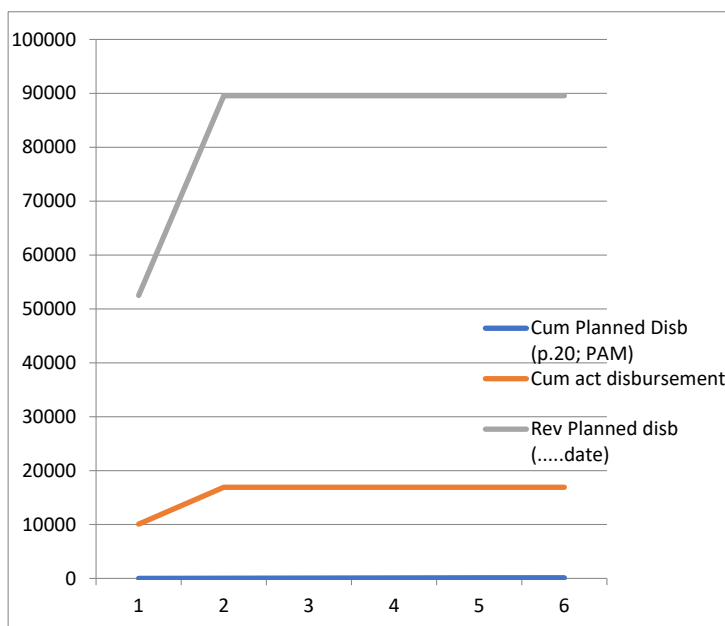
6. **Detailed Statement of PUM-MAFF**
 - 1 Statement of Expenditure by category
 - 2 Statement of Expenditures by Accounts
 - 3 Stament of Source and Use of Fund
 - 4 Statement of Comparison of Budget and Actual Expenditure
7. **Detailed Statement of PMU-MOWRAM**
 - 1 Statement of Expenditure by category
 - 2 Statement of Expenditures by Accounts
 - 3 Stament of Source and Use of Fund
 - 4 Statement of Comparison of Budget and Actual Expenditure
8. **Detailed Statement of PMU-MRD**
 - 1 Statement of Expenditure by category
 - 2 Statement of Expenditures by Accounts
 - 3 Stament of Source and Use of Fund
 - 4 Statement of Comparison of Budget and Actual Expenditure

I. Tables: Disbursement S-Curves

For the period ending:

30/Sep/2022

YEAR	1	2	3	4	5	6	7
Planned disb (acco to PAM)		7.19	20.61	23.75	28.45	24.44	14.76
Cum Planned Disb		7.19	27.8	51.55	80	104.44	119.2
Revised Annual Disb	15,416	37,072.0	37,072.00	1	1	1	1
Cum Planned Disb		52,488.3	89,560.3	89,561.3	89,562.3	89,563.3	89,564.3
Act Disb	5,657.1	4,409.1	6,841.5	0	0	0	0
Act Cum Disb		10,066.1	16,907.6	16,907.6	16,907.6	16,907.6	16,907.6



2. Table: UTILIZATION OF FUNDS (ADB, COFINANCING, COUNTERPART FUNDS AND BENEFICIARIES)

For the Quarter Ending: 30-Sep-22

PMU: MAFF

Expenditure	Expenditures during the Reporting Period (\$) (Q3)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
Category													
Civil Works	376,203	-	-	-	-	376,203	1,879,875	-	-	-	-	1,879,875	8.1%
Goods (Equipment & Supplies)	55,200	-	-	-	-	55,200	913,650	-	-	-	-	913,650	40.0%
Capacity Development (Training, Workshops, Seminars)	-	-	240,596	-	-	240,596	-	-	1,307,197	-	-	1,307,197	20.2%
Consulting Services	517,432	-	-	-	-	517,432	5,016,382	-	-	-	-	5,016,382	59.4%
Incremental Operating Costs (Project Management)	114,884	-	-	27,617	-	142,501	875,488	-	-	351,129	-	1,226,618	167.9%
Subtotal	1,063,719	-	240,596	27,617	-	1,331,931	8,685,396	-	1,307,197	351,129	-	10,343,722	18.1%
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges	-	-				-	91,352	408				91,760	
						-						-	
GRAND TOTAL: PMU-MAFF	1,063,719	-	240,596	27,617	-	1,331,931	8,776,747	408	1,307,197	351,129	-	10,435,482	18.3%

* Achievement is defined as cumulative disbursement divided by the cost estimate as in the project document.

PMU: MOWRAM

Expenditure	Expenditures during the Reporting Period (\$) (Q3)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
Category													
Civil Works				-		-	1,501,696	248,327	205,310	-		1,955,333	1.4%
Goods (Equipment & Supplies)	-	-	-	-		-	-	-	-	-		-	
Capacity Development (Training, Workshops, Seminars)	-	-	20,231	-		20,231	-	-	113,622	-		113,622	13.4%
Consulting Services	-	-	-	-		-	-	-	-	-		-	
Incremental Operating Costs (Project Management)	13,381	-	-	26,285		39,666	91,457	-	-	174,300		265,757	29.8%
Subtotal	13,381	-	20,231	26,285	-	59,897	1,593,153	248,327	318,932	174,300	-	2,334,712	1.8%
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges						-						-	
						-						-	
GRAND TOTAL: PMU-MOWRAM	13,381	-	20,231	26,285	-	59,897	1,593,153	248,327	318,932	174,300	-	2,334,712	1.8%

* Achievement is defined as cumulative disbursement divided by the cost estimate as in the project document.

PMU: MRD

Expenditure	Expenditures during the Reporting Period (\$) (Q3)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
Category													
Civil Works	721,536	119,317	98,647	-	-	939,500	877,838	145,164	120,017	-	-	1,143,019	3.1%
Goods (Equipment & Supplies)	-	-	-	-	-	-	-	-	-	-	-	-	
Capacity Development (Training, Workshops, Seminars)	-	-	-	-	-	-	-	-	-	-	-	-	
Consulting Services	-	-	-	-	-	-	-	-	-	-	-	-	
Incremental Operating Costs (Project Management)	13,779	-	-	3,720	-	17,499	108,700	-	-	60,840	-	169,540	0.4%
Subtotal	735,314	119,317	98,647	3,720	-	956,999	986,538	145,164	120,017	60,840	-	1,312,559	3.5%
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges						-						-	
GRAND TOTAL: PMU-MRD	735,314	119,317	98,647	3,720	-	956,999	986,538	145,164	120,017	60,840	-	1,312,559	3.5%

OVERALL TOTAL (MAFF+MOWRAM+MRD)	1,812,413	119,317	359,474	57,622	-	2,348,827	11,356,439	393,899	1,746,146	586,269	-	14,082,753	10.0%
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* Achievement is defined as cumulative disbursement divided by the cost estimate as in the project document.

CONSOLIDATED (PMU-MAFF, MOWRAM & MRD)

Expenditure	Expenditures during the Reporting Period (\$) (Q3)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
Category													
Civil Works	1,097,738	119,317	98,647	-	-	1,315,703	4,259,409	393,491	325,327	-	-	4,978,227	
Goods (Equipment & Supplies)	55,200	-	-	-	-	55,200	913,650	-	-	-	-	913,650	
Capacity Development (Training, Workshops, Seminars)	-	-	260,827	-	-	260,827	-	-	1,420,819	-	-	1,420,819	
Consulting Services	517,432	-	-	-	-	517,432	5,016,382	-	-	-	-	5,016,382	
Incremental Operating Costs (Project Management)	142,043	-	-	57,622	-	199,665	1,075,645	-	-	586,269	-	1,661,915	
Subtotal	1,812,413	119,317	359,474	57,622	-	2,348,827	11,265,087	393,491	1,746,146	586,269	-	13,990,993	
JFPR Total	-	-	-	-	-	-	-	-	-	-	-	-	
GOVERNMENT	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER DONOR/ Interest Charges	-	-	-	-	-	-	91,352	408	-	-	-	91,760	
OVERALL TOTAL (MAFF-MOWRAM-MRD)	1,812,413	119,317	359,474	57,622	-	2,348,827	11,356,439	393,899	1,746,146	586,269	-	14,082,753	

Reconciled Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct

3. Tables: Summary of Disbursement by Sources of Fund of PMUs

Disbursement ADB Loan Nr. 366 I-CAM

For the period ending:

30/Sep/2022

No.	Expenditure Item	Total Amount Allocated for ADB Financing		Disbursement (\$)			Total Disbursement (\$)
		Category	Subcategory	PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works	67,630,590.00					-
1A	Irrigation and Roads		60,537,190.00	-	1,567,913	877,838	2,445,751
1B	Warehouses and Laboratory		5,762,800.00	1,851,837			1,851,837
1C	Other Infrastructure		1,330,600.00	-			-
2	Equipment, Material, Goods, and Project Implementation Services	16,757,700.00		6,070,010			6,070,010
3	Incremental Operating Costs	4,187,100.00		546,851	-	-	546,851
4	Interest Charges	1,424,610.00					-
	Advance			1,000,000	448,000	100,000	1,548,000
	Total	90,000,000		9,468,699	2,015,913	977,838	12,462,450

13.8%

Disbursement GCF Loan 8346-CAM

For the period ending:

30/Sep/2022

No.	Expenditure Item	Total Amount Allocated for GCF Financing	Disbursement (\$)			Total Disbursement (\$)
			PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works	9,963,900.00		224,684.00	145,163.93	369,847.93
2	Irrigation and Roads	36,100.00				-
	Advance			366,000.00		366,000.00
	Total	10,000,000.00	-	590,684.00	145,163.93	735,847.93

7.4%

Disbursement Grant No. 0579-CAM

For the period ending:

30/Sep/2022

No.	Expenditure Item	Total Amount Allocated for GCF Financing		Disbursement (\$)			Total Disbursement (\$)
		Category	Subcategory	PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works	11,263,860.00			272,844		272,844
1A	Irrigation and Roads		8,295,660.00			120,017	120,017
1B	Warehouses and Laboratory		114,050.00				-
1C	Biogas Plants and Compost Huts		2,854,150.00				-
2	Equipment, Studies, Surveys, and Project Implementation Services	10,785,430.00					-
3	Training, Workshops and	7,456,780.00		1,212,322	-		1,212,322
4	Incremental Operating Costs	493,930.00			-		-
	Advance			1,000,000	352,000		1,352,000
	Total	30,000,000		2,212,322	624,844	120,017	2,957,183

9.9%

Disbursement RGC							
For the period ending:							30/Sep/2022
No.	Expenditure Item	Total Amount Allocated for RGC Financing		Disbursement (\$)			Total Disbursement (\$)
		Category	Subcategory	PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works						-
1A	Irrigation and Roads						-
1B	Warehouses and Laboratory						-
1C	Biogas Plants and Compost Huts						-
2	Equipment, Material, Goods, and Project Implementation Services						-
3	Incremental Operating Costs			323,512	148,015	39,250	510,777
4	Interest Charges						-
	Advance			150,000	40,000	51,370	241,370
	Total	7,376,000.00		473,512	188,015	90,620	752,147

10.2%

Disbursement Beneficiaries							
For the period ending:							30/Sep/2022
No.	Expenditure Item	Total Amount Allocated for RGC Financing		Disbursement (\$)			Total Disbursement (\$)
		Category	Subcategory	PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works	3,664,000.00					-
1A	Irrigation and Roads						-
1B	Warehouses and Laboratory						-
1C	Biogas Plants and Compost Huts		3,664,000.00				-
2	Equipment, Material, Goods, and						-
3	Incremental Operating Costs						-
4	Interest Charges						-
	Advance						-
	Total	3,664,000.00		-	-	-	-

0.0%

Overall Summary:	
Total Allocation	141,040,000
Total Advance	3,507,370
Disbursement	13,400,258
Total Disbursement	16,907,628
Overall %	12.0%

4. Table: SUMMARY OF EXPENDITURES BY PMUs Vs BUDGET

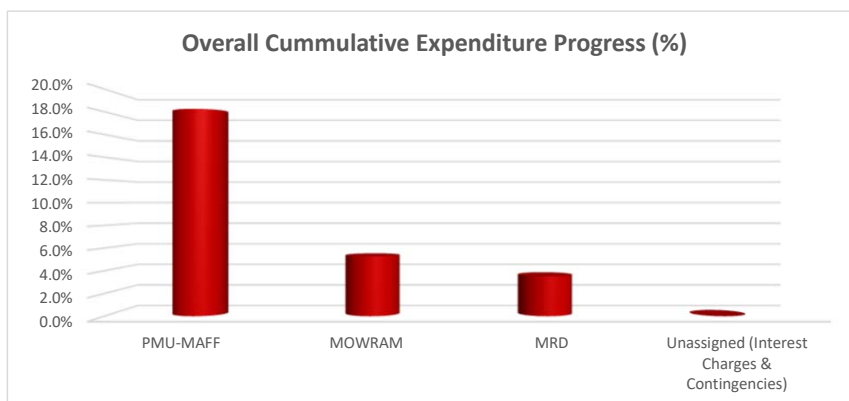
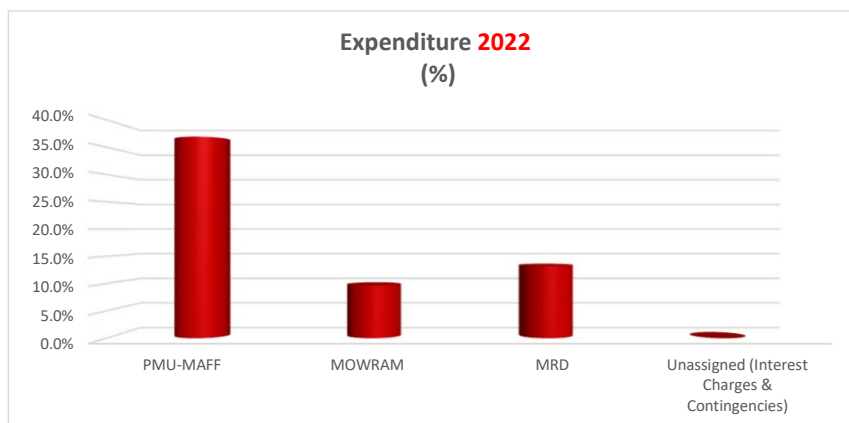
For the period ending: **30/Sep/2022**

EAs/ IAs	Budget (Allocation)	2022 Annual Budget	Year to date Expenditures 30/Sep/2022	Cumulative to date Expenditures 30/Sep/2022	Overall Expenditures Rate %	
					2022	Overall
PMU-MAFF	57,149,457	13,518,300	4,991,268	10,435,482	36.9%	18.3%
MOWRAM	44,235,807	14,706,500	1,421,779	2,334,712	9.7%	5.3%
MRD	37,349,607	8,847,200	1,173,587	1,312,559	13.3%	3.5%
Unassigned (Interest Charges & Contingencies)	2,305,129	-	-	-	0.0%	0.0%
TOTAL	141,040,000	37,072,000	7,586,634	14,082,753	20.5%	10.0%

5. Table: SUMMARY OF EXPENDITURES BY SOURCES OF FUND Vs BUDGET

SOURCE	Budget (Allocation)	2022 Annual Budget	Year to date Expenditures 30/Sep/22	Cumulative to date Expenditures 30/Sep/22	Overall Expenditures Rate %	
					2022	Overall
ADB loan	90,000,000	28,295,290	6,142,183	11,356,439	21.7%	12.6%
GCF loan	10,000,000	2,251,970	306,460	393,899	13.6%	3.9%
GCF Grant	30,000,000	5,867,760	983,023	1,746,146	16.8%	5.8%
RGC	7,376,000	396,190	154,967	586,269	39.1%	7.9%
Beneficiaries	3,664,000	260,790	-	-	0.0%	0.0%
TOTAL	141,040,000	37,072,000	7,586,634	14,082,753	20.5%	10.0%

0.00



CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project

ADB Loan Numbers: L 3661-CAM (COL), L8346-CAM(EF), Grant No. 0579-CAM(EF)

EA: PMU-MAFF

Quarterly Financial Report for the quarter ending:

30/Sep/2022

Content:

- 1. Statement of Expenditure by Category**
- 2. Statement of Expenditures by Accounts**
- 3. Statement of Source and Use of Fund**
- 4. Statement of Comparison of Budget and Expenditure**

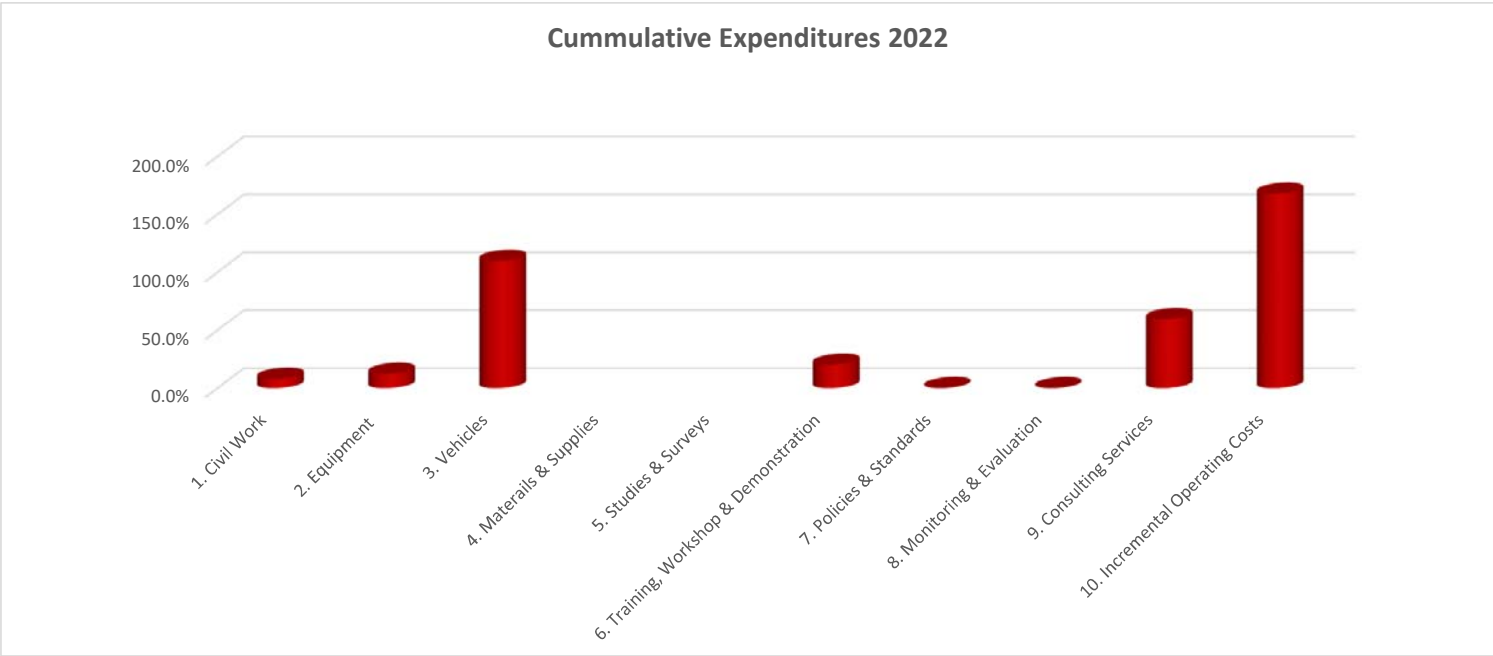
EA: PMU-MAFF

I. Statement of Expenditure by Category for the Quarter Ending: 30/Sep/2022

(Quarterly Report in USD)

Category	Budget (Allocation) US\$	Committed ^a US\$	Actual Previous Exp. US\$	Actual Expenditures			Balance US\$	Expenditures Rate %
				Current	Year to date	Cummulative to date		
				3 Q' 2022	3 Q' 2022	3 Q' 2022		
(1)	(2)	(3)	(4)	(5)	(6)=(3)+(4)	(7)=(1)-(2)-(6)	(8) = (6)/(1)	
A. Investment Costs								
1. Civil Work	23,276,280	209,493	1,506,657	376,203	1,832,979	1,882,860	21,183,927	8.1%
2. Equipment	1,603,640	-	196,418	-	-	196,418	1,407,222	12.2%
3. Vehicles	653,270	-	662,032	55,200	82,368	717,232	(63,962)	109.8%
4. Materails & Supplies	805,617	-	-	-	-	-	805,617	
5. Studies & Surveys		-	-	-	-	-	-	
6. Training, Workshop & Demonstration	6,452,850	-	1,063,616	240,596	672,141	1,304,212	5,148,638	20.2%
7. Policies & Standards	11,311,850	-	-	-	-	-	11,311,850	0.0%
8. Monitoring & Evaluation	3,876,940	-	-	-	-	-	3,876,940	0.0%
9. Consulting Services	8,438,550	4,799,017	4,498,950	517,432	2,044,239	5,016,382	(1,376,849)	59.4%
10. Incremental Operating Costs	730,460		1,084,117	142,501	359,542	1,226,618	(496,158)	167.9%
Total Investment Costs (A)	57,149,457	5,008,510	9,011,791	1,331,931	4,991,269	10,343,722	41,797,225	18.1%
B. Contingencies								
1. Physical	-			-	-	-	-	
2. Price	-			-	-	-	-	
Total Contingencies (B)	-	-	-	-	-	-	-	
C. Financial Charges During Implementation								
1. Interest Charges During Implementation			91,760			91,760	(91,760)	
Total Financial Charges During Implementation ©	-	-	91,760	-	-	91,760	(91,760)	
GRAND TOTAL (A)+(B)+©	57,149,457	5,008,510	9,103,550	1,331,931	4,991,269	10,435,482	41,705,466	18.3%

^a Outstanding invoices, contracts and retention monies payable



EA: PMU-MAFF

2. Statement of Expenditure by Accounts

Report for the Quarter Ending:
 Cumulative Since Effectiveness Date

30/Sep/2022

	<u>ADB-L3661</u>	<u>L-8346</u>	<u>G-0579</u>	<u>RGC</u>	<u>TOTAL</u>
Expense					
6 - Expense/ Project Expenditures					
61 - Investment Costs					
6101 - Civil Works					
610120 - Storage Warehouse	1,879,875.00	0.00	0.00	0.00	1,879,875.00
Total 6101 - Civil Works	<u>1,879,875.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,879,875.00</u>
6102 - Equipment					
610220 - Office Equipment	196,418.00	0.00	0.00	0.00	196,418.00
Total 6102 - Equipment	<u>196,418.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>196,418.00</u>
6103 - Vehicles					
610300 - Vehicles – 4 Wheels Drive	611,950.00	0.00	0.00	0.00	611,950.00
610310 - Motorcycles	105,282.00	0.00	0.00	0.00	105,282.00
Total 6103 - Vehicles	<u>717,232.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>717,232.00</u>
6106 - Training, Workshops & Demos					
610600 - Training, Workshops & Demonstra	0.00	0.00	1,307,197.10	0.00	1,307,197.10
Total 6106 - Training, Workshops & Demos	<u>0.00</u>	<u>0.00</u>	<u>1,307,197.10</u>	<u>0.00</u>	<u>1,307,197.10</u>
6109 - Consulting Services					
610900 - PIC - FS & Detailed Engineering	1,801,360.52	0.00	0.00	0.00	1,801,360.52
610910 - PIC - Capacity Building and CSA	1,155,582.74	0.00	0.00	0.00	1,155,582.74
610920 - PIC - Project Management	2,059,439.15	0.00	0.00	0.00	2,059,439.15
Total 6109 - Consulting Services	<u>5,016,382.41</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>5,016,382.41</u>
6110 - Incremental Operating Cost					
61100 - Project Staff					
611001 - Project Staff-PMU	30,948.23	0.00	0.00	84,990.00	115,938.23
611002 - Project Staff-GDA	11,524.69	0.00	0.00	66,240.00	77,764.69
611003 - Project Staff-GDAH	3,480.00	0.00	0.00	32,400.00	35,880.00
611004 - Project Staff-CARDI	3,600.00	0.00	0.00	32,400.00	36,000.00
611005 - Project Staff-PPIU-KPT	16,984.69	0.00	0.00	31,475.00	48,459.69
611006 - Project Staff-PPIU-TAK	16,844.69	0.00	0.00	31,475.00	48,319.69
611007 - Project Staff-PPIU-KCM	16,944.69	0.00	0.00	26,975.00	43,919.69
611008 - Project Staff-PPIU-TBK	16,779.69	0.00	0.00	31,475.00	48,254.69
Total 61100 - Project Staff	<u>117,106.68</u>	<u>0.00</u>	<u>0.00</u>	<u>337,430.00</u>	<u>454,536.68</u>
61120 - Office Operations & Support					
611200 - Vehicle Fuel	85,837.42	0.00	0.00	0.00	85,837.42
611201 - Vehicle maintenance	13,385.39	0.00	0.00	0.00	13,385.39
611202 - Vehicle rental	30,000.00	0.00	0.00	0.00	30,000.00
611203 - Per Diem & Travel costs	392,595.83	0.00	0.00	0.00	392,595.83
611204 - Office & Reproduction Supplies	42,588.67	0.00	0.00	0.00	42,588.67
611205 - Office maintenance & Utilities	18,274.50	0.00	0.00	0.00	18,274.50
611206 - Communications fees	15,284.00	0.00	0.00	0.00	15,284.00
611207 - Photocopy & Printing	2,795.50	0.00	0.00	0.00	2,795.50
611208 - Ads. Charges	7,300.00	0.00	0.00	0.00	7,300.00
611209 - Translation fees	1,664.00	0.00	0.00	0.00	1,664.00
611210 - Bank Charges	35.00	0.00	0.00	0.00	35.00
611211 - Meeting/ Workshop/ Seminar	34,307.67	0.00	0.00	0.00	34,307.67
611213 - General Meeting	6,113.55	0.00	0.00	0.00	6,113.55
611214 - Annual Road Tax Fees	0.00	0.00	0.00	13,699.34	13,699.34
611215 - Contractual Staff fee-PMU-MAFF	67,100.00	0.00	0.00	0.00	67,100.00
611216 - Contractual Staff fee-PPIU-TAK	10,275.00	0.00	0.00	0.00	10,275.00
611217 - Contractual Staff fee-PPIU-KPT	10,275.00	0.00	0.00	0.00	10,275.00
611218 - Contractual Staff fee-PPIU-KCM	10,275.00	0.00	0.00	0.00	10,275.00
611219 - Contractual Staff fee-PPIU-TBK	10,275.00	0.00	0.00	0.00	10,275.00
Total 61120 - Office Operations & Support	<u>758,381.53</u>	<u>0.00</u>	<u>0.00</u>	<u>13,699.34</u>	<u>772,080.87</u>
Total 6110 - Incremental Operating Cost	<u>875,488.21</u>	<u>0.00</u>	<u>0.00</u>	<u>351,129.34</u>	<u>1,226,617.55</u>
Total 61 - Investment Costs	<u>8,685,395.62</u>	<u>0.00</u>	<u>1,307,197.10</u>	<u>351,129.34</u>	<u>10,343,722.06</u>
63 - Financial Charges During Impltn					
630000 - Interest Charges During Impletn	91,351.85	407.79	0.00	0.00	91,759.64
Total 63 - Financial Charges During Impltn	<u>91,351.85</u>	<u>407.79</u>	<u>0.00</u>	<u>0.00</u>	<u>91,759.64</u>
Total 6 - Expense/ Project Expenditures	<u>8,776,747.47</u>	<u>407.79</u>	<u>1,307,197.10</u>	<u>351,129.34</u>	<u>10,435,481.70</u>

EA: PMU-MAFF

3. Statement of Source and Use of Fund

Cumulative since Effectiveness Date

Report for the Quarter Ending:

30/Sep/2022

	L-3661	L-8346	G-0579	RGC	TOTAL
1. Received					
Received from ADB L3661	1,979,742.00		-		1,979,742.00
Received from ADB L8346	-		-		-
Received from ADB G0579	-		1,467,560.13		1,467,560.13
Received from RGC Contribution	-		-	355,481.29	355,481.29
Received from ADB L3661-Direct Payment	7,357,962.92		-		7,357,962.92
Received from ADB L8346-Direct Payment	-	407.79	-		407.79
Received from ADB G0579-Direct Payment	-		-		-
Total Received	9,337,704.92	407.79	1,467,560.13	355,481.29	11,161,154.13

2. Uses of Fund					
1. Civil Work	1,879,875.00	-	-	-	1,879,875.00
2. Equipment	196,418.00	-	-	-	196,418.00
3. Vehicles	717,232.00	-	-	-	717,232.00
4. Materails & Supplies	-	-	-	-	-
5. Studies & Surveys	-	-	-	-	-
6. Training, Workshop & Demonstration	-	-	1,307,197.10	-	1,307,197.10
7. Policies & Standards	-	-	-	-	-
8. Monitoring & Evaluation	-	-	-	-	-
9. Consulting Services	5,016,382.41	-	-	-	5,016,382.41
10. Incremental Operating costs	875,488.21	-	-	351,129.34	1,226,617.55
Interest Charges During Implementation	91,351.85	407.79	-	-	91,759.64
Total Uses of Fund	8,776,747.47	407.79	1,307,197.10	351,129.34	10,435,481.70

3. Closing Cash Balance					
CASH IN BANK	518,209.40	-	375.73	4,351.95	522,937.08
PETTY CASH FUND	750.00	-	-	-	750.00
Total Closing Cash Balance	518,959.40	-	375.73	4,351.95	523,687.08

4. Financing Plan vs Uses of Fund

Financiers	Financing Plan	Expenditures	Expenditure Rate %	Disbursement	Disbursement Rate %
L-3661		8,776,747.47		9,337,704.92	
L-8346		407.79		407.79	
G-0579		1,307,197.10		1,467,560.13	
RGC		351,129.34		355,481.29	
TOTAL	57,149,457	10,435,482	18.3%	11,161,154	19.5%

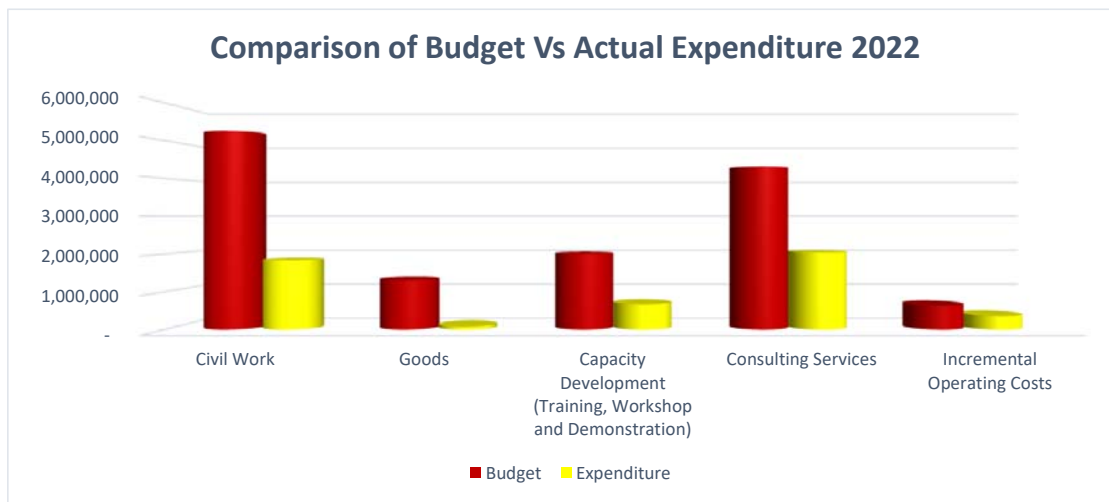
EA: PMU-MAFF

4. Statement of Comparison of Budget and Actual Expenditure

For the Quarter Ending:

30/Sep/2022

Description	Period from 01 January 2022 to 30 September 2022			Budget Vs Actual Expenditures (%)
	Budget US\$	Actual US\$	Diff. US\$	
Civil Work	5,257,540	1,832,979	3,424,561	34.9%
Goods	1,308,630	82,368	1,226,262	6.3%
Capacity Development (Training, Workshop and Demonstration)	2,003,050	672,141	1,330,909	33.6%
Consulting Services	4,313,880	2,044,239	2,269,641	47.4%
Incremental Operating Costs	635,200	359,542	275,658	56.6%
Interest Charges During Implementation	-	-	-	
	13,518,300	4,991,269	8,527,031	36.9%



CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project
ADB Loan Numbers: L 3661-CAM (COL), L8346-CAM(EF), Grant No. 0579-CAM(EF)

EA: PMU-MOWRAM

Quarterly Financial Report for the quarter ending: 30/Sep/2022

Content:

- 1. Statement of Expenditure by category**
- 2. Statement of Expenditures by Accounts**
- 3. Statement of Uses of Fund**
- 4. Statement of Comparison of Budget and Expenditure**

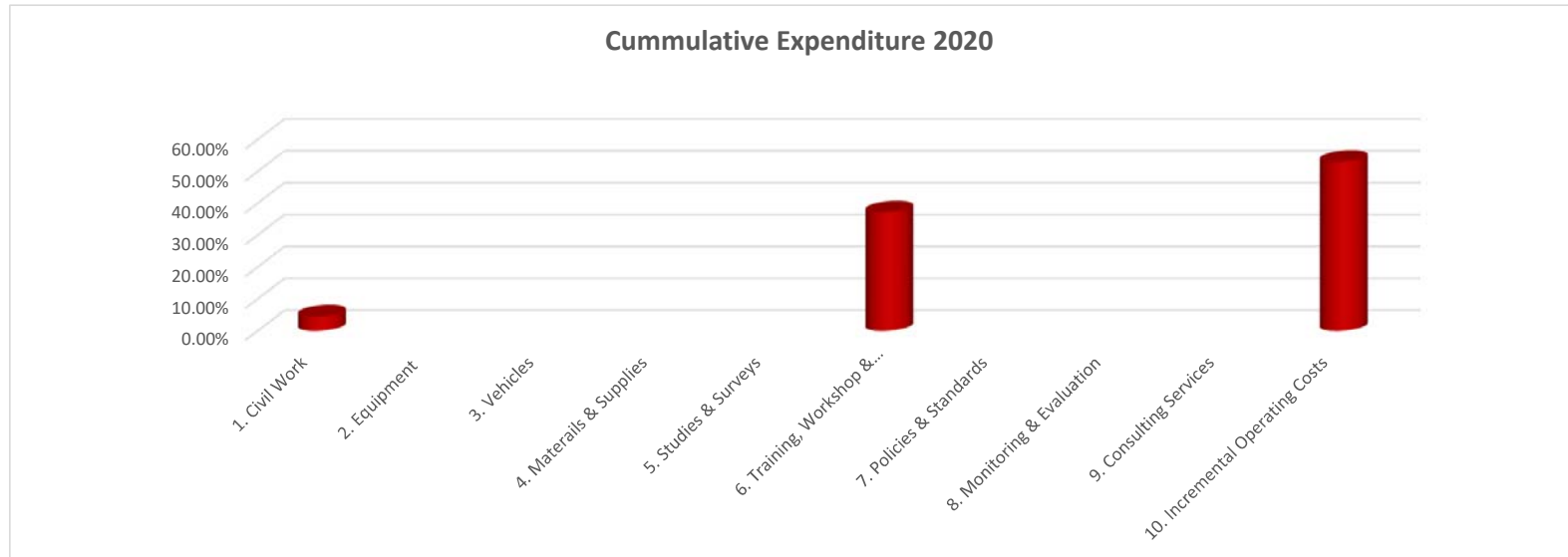
EA: PMU-MOWRAM

1. Statement of Expenditure by Category for the Quarter Ending:

30/Sep/2022

Quarterly Report in USD

Category	Budget Allocation	Committed	Actual Previous Exp.2021	Actual Expenditures			Balance	Expenditures Rate %
				Current 3 Q' 2022	Year to date	Cummulative to date		
	1	2	3	4	5	6=3+5	7=1-2-6	8 = 6/1
A. Investment Costs								
1. Civil Work	43,428,454	14,689,610	685,283	-	1,270,050	1,955,333	26,783,511	4.50%
2. Equipment						-	-	
3. Vehicles						-	-	
4. Materails & Supplies						-	-	
5. Studies & Surveys						-	-	
6. Training, Workshop & Demonstration	305,764		56,111	20,231	57,511	113,622	192,142	37.2%
7. Policies & Standards			-			-	-	
8. Monitoring & Evaluation			-			-	-	
9. Consulting Services			-			-	-	
10. Incremental Operating Costs	501,589		171,539	39,666	94,218	265,757	235,832	53.0%
Total Investment Costs (A)	44,235,807	14,689,610	912,933	59,897	1,421,779	2,334,712	27,211,485	5.28%
B. Contingencies								
1. Physical	-			-	-	-	-	
2. Price	-			-	-	-	-	
Total Contingencies (B)	-	-	-	-	-	-	-	
C. Financial Charges During Implementation								
1. Interest Charges During Implementation						-	-	
Total Financial Charges During Implementation ©	-	-	-	-	-	-	-	
GRAND TOTAL (A)+(B)+©	44,235,807	14,689,610	912,933	59,897	1,421,779	2,334,712	27,211,485	5.28%



EA: PMU-MOWRAM

3. Statement of Uses of Fund

Cummulative since Effectiveness Date

Report for the Quarter Ending: **30/Sep/2022**

	L-3661	L-8346	G-0579	RGC	TOTAL
1. Received					
Received from ADB L3661	2,015,913				2,015,913
Received from ADB L8346		590,684			590,684
Received from ADB G0579			624,844		624,844
Received from RGC Contribution				188,015	188,015
Received from ADB L3661-Direct Payment					0
Received from ADB L8346-Direct Payment					0
Received from ADB G0579-Direct Payment					0
					0
Total Received	2,015,913	590,684	624,844	188,015	3,419,456

2. Uses of Fund					
1. Civil Work	1,501,696	248,327	205,310		1,955,333
2. Equipment	-				-
3. Vehicles	-				-
4. Materails & Supplies	-				-
5. Studies & Surveys	-				-
6. Training, Workshop & Demonstration	-		113,622		113,622
7. Policies & Standards	-				-
8. Monitoring & Evaluation	-				-
9. Consulting Services	-				-
10. Incremental Operating costs	91,457			174,300	265,757
Interest Charges During Implementation	-	-	-	-	-
Total Uses of Fund	1,593,153	248,327	318,932	174,300	2,334,712

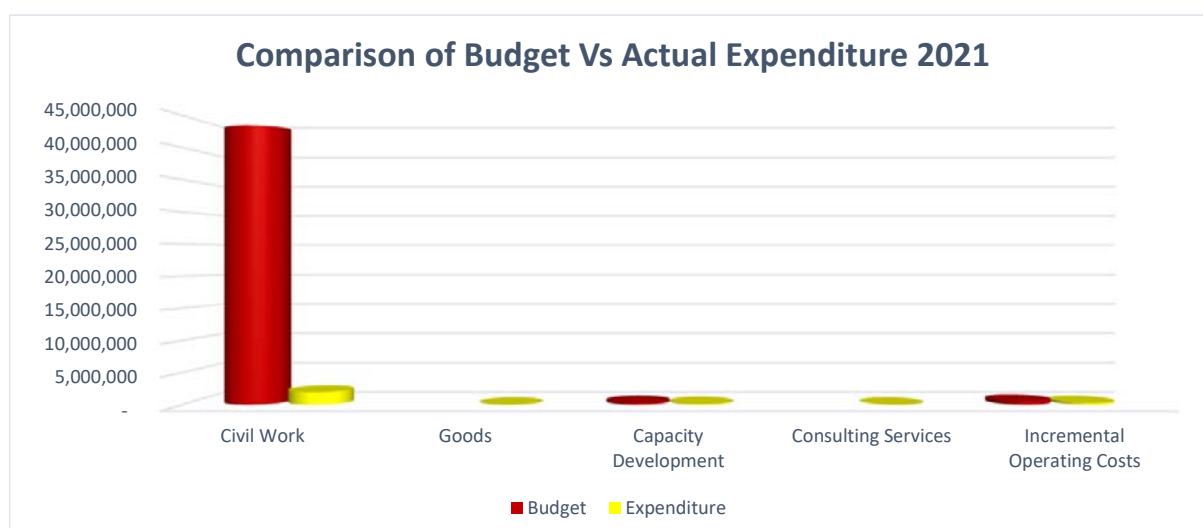
3. Closing Cash Balance					
CASH IN BANK	394,156	342,357	306,603	13,715	1,056,831
PETTY CASH - PMU	1,000				
PETTY CASH - Provinces	28,329	-	-	-	28,329
Total Closing Cash Balance	423,485	342,357	306,603	13,715	1,086,160

4. Financing Plan vs Uses of Fund

Financiers	Financing Plan	Expenditures	Expenditure Rate %	Disbursement	Disbursement Rate %
L-3661	35,113,564	1,593,153		2,015,913	5.74%
L-8346	342,357	248,327		590,684	172.53%
G-0579	306,603	318,932		624,844	203.80%
RGC	13,715	174,300		188,015	1370.87%
TOTAL	44,235,807	2,334,712	5.28%	3,419,456	7.73%

EA: PMU-MOWRAM

4. Statement of Comparison of Budget and Actual Expenditure				
For the Quarter Ending:				30/Sep/2022
Decription	Period from 01 Jul 2020 to 31 March 2022			Budget Vs Actual Expenditure
	Budget US\$	Actual US\$	Diff. US\$	%
Civil Work	43,428,454	1,955,333	41,473,121	4.50%
Goods		-	-	-
Capacity Development	305,764	113,622	192,142	37.16%
Consulting Services		-	-	-
Incremental Operating Costs	501,589	265,757	235,832	52.98%
	44,235,807	2,334,712	41,901,095	5.28%



CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project
ADB Loan Numbers: L 3661-CAM (COL), L8346-CAM(EF), Grant No. 0579-CAM(EF)

EA/IA: PMU-MRD

Quarterly Financial Report for the quarter ending: 30/Sep/2022

Content:

- 1. Statement of Expenditure by category**
- 2. Statement of Expenditures by Accounts**
- 3. Statement of Uses of Fund**
- 4. Statement of Comparison of Budget and Expenditure**

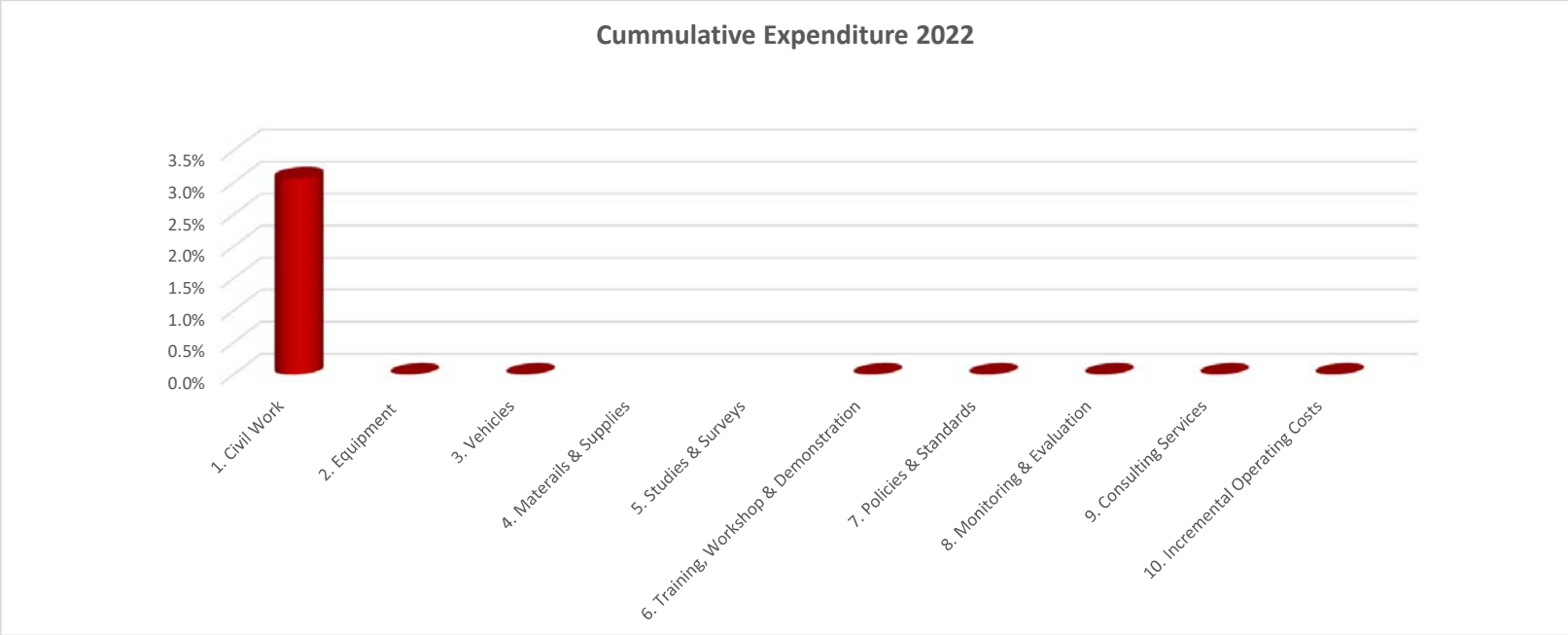
EA/IA: PMU-MRD

I. Statement of Expenditure by Category for the Quarter Ending:

30/Sep/2022

(Quarterly Report in USD)

Category	Budget (Allocation) US\$	Committed US\$	Actual Previous Exp. US\$	Actual Expenditures			Balance US\$	Expenditures Rate %
				Current	Year to date	Cummulative to date		
				3Q' 20222	3Q' 20222	3Q' 20222		
(1)	(2)	(3)	(4)	(5)	(6)=(3)+(4)	(7)=(1)-(2)-(6)	(8) = (6)/(1)	
A. Investment Costs								
1. Civil Work	37,349,607	-	203,519	939,500	-	1,143,019	36,206,588	3.1%
2. Equipment	-	-	-	-	-	-	-	-
3. Vehicles	-	-	-	-	-	-	-	-
4. Materails & Supplies	-	-	-	-	-	-	-	-
5. Studies & Surveys	-	-	-	-	-	-	-	-
6. Training, Workshop & Demonstration	-	-	-	-	-	-	-	-
7. Policies & Standards	-	-	-	-	-	-	-	-
8. Monitoring & Evaluation	-	-	-	-	-	-	-	-
9. Consulting Services	-	-	-	-	-	-	-	-
10. Incremental Operating Costs	-	-	152,041	17,499	17,499	169,539.87	(169,540)	-
Total Investment Costs (A)	37,349,607	-	355,560	956,999	17,499	1,312,559	36,037,048	3.5%
B. Contingencies								
1. Physical	-	-	-	-	-	-	-	-
2. Price	-	-	-	-	-	-	-	-
Total Contingencies (B)	-	-	-	-	-	-	-	-
C. Financial Charges During Implementation								
1. Interest Charges During Implementation	-	-	-	-	-	-	-	-
Total Financial Charges During Implementation ©	-	-	-	-	-	-	-	-
GRAND TOTAL (A)+(B)+©	37,349,607	-	355,560	956,999	17,499	1,312,559	36,037,048	3.5%



EA/IA: PMU-MRD

2. Statement of Expenditure by Accounts

Report for the Quarter Ending:					30/Sep/2022
Cummulative Since Effectiveness Date					
Expense	ADB-L3661	L-8346	G-0579	RGC	TOTAL
6 · Expense/ Project Expenditures					
61 · Investment Costs					
6102 · Equipment					
610220 · Office Equipment	-		-	-	0.00
Total 6102 · Equipment	-		-	-	0.00
6103 · Vehicles					
610300 · Vehicles – 4 Wheels Drive	-		-	-	0.00
610310 · Motorcycles	-		-	-	0.00
Total 6103 · Vehicles	-		-	-	0.00
6106 · Training, Workshops & Demos					
610600 · Training, Workshops & Demonstra	-		-	-	0.00
Total 6106 · Training, Workshops & Demos	-		-	-	0.00
6109 · Consulting Services					
610900 · PIC - FS & Detailed Engineering	-		-	-	0.00
610910 · PIC - Capacity Building and CSA	-		-	-	0.00
610920 · PIC - Project Management	-		-	-	0.00
Total 6109 · Consulting Services	-		-	-	0.00
6110 · Incremental Operating Cost					
61100 · Project Staff					
611001 · Project Staff-PMU	-		-	1,620.00	1,620.00
611002 · Project Staff-GDA	-		-	-	0.00
611003 · Project Staff-GDAH	-		-	-	0.00
611004 · Project Staff-CARDI	-		-	-	0.00
611005 · Project Staff-PDRD-KPT	-		-	600.00	600.00
611006 · Project Staff-PDRD-TAK	-		-	600.00	600.00
611007 · Project Staff-PDRD-KCM	-		-	300.00	300.00
611008 · Project Staff-PDRD-TBK	-		-	600.00	600.00
Total 61100 · Project Staff	-		-	3,720.00	3,720.00
61120 · Office Operations & Support					
611200 · Vehicle Fuel	1,847.34		-	-	1,847.34
611201 · Vehicle maintenance	90.00		-	-	90.00
611202 · Vehicle rental	-		-	-	0.00
611203 · Per Diem & Travel costs	7,709.00		-	-	7,709.00
611204 · Office & Reproduction Supplies	4,132.20		-	-	4,132.20
611205 · Office maintenance & Utilities	-		-	-	0.00
611206 · Communications fees	-		-	-	0.00
611207 · Photocopy & Printing	-		-	-	0.00
611208 · Ads. Charges	-		-	-	0.00
611209 · Translation fees	-		-	-	0.00
611210 · Bank Charges	-		-	-	0.00
611211 · Meeting/ Workshop/ Seminar	-		-	-	0.00
611213 · General Meeting	-		-	-	0.00
611214 · Annual Road Tax Fees	-		-	-	0.00
611215 · Contractual Staff fee-PMU-MAFF	-		-	-	0.00
611216 · Contractual Staff fee-PPIU-TAK	-		-	-	0.00
611217 · Contractual Staff fee-PPIU-KPT	-		-	-	0.00
611218 · Contractual Staff fee-PPIU-KCM	-		-	-	0.00
611219 · Contractual Staff fee-PPIU-TBK	-		-	-	0.00
Total 61120 · Office Operations & Support	13,778.54		0.00	0.00	13,778.54
Total 6110 · Incremental Operating Cost	13,778.54		0.00	3,720.00	17,498.54
Total 61 · Investment Costs	13,778.54		0.00	3,720.00	17,498.54
Total 6 · Expense/ Project Expenditures	13,778.54		0.00	3,720.00	17,498.54

EA/IA: PMU-MRD

3. Statement of Uses of Fund

Cummulative since Effectiveness Date

Report for the Quarter Ending: 30/Sep/2022

	L-3661	L-8346	G-0579	RGC	TOTAL
I. Received					
Received from ADB L3661	100,000.00				100,000.00
Received from ADB L8346					-
Received from ADB G0579			-		0.00
Received from RGC Contribution				51,370.00	51,370.00
Received from ADB L3661-Direct Payment	0.00				0.00
Received from ADB L8346-Direct Payment					-
Received from ADB G0579-Direct Payment					-
					-
Total Received	100,000.00	-	-	51,370.00	151,370.00

2. Uses of Fund					
1. Civil Work	-	-	-		-
2. Equipment	-				0.00
3. Vehicles	-				0.00
4. Materails & Supplies	-				-
5. Studies & Surveys	-				-
6. Training, Workshop & Demonstration	-		-		-
7. Policies & Standards	-				-
8. Monitoring & Evaluation	-				-
9. Consulting Services	-				-
10. Incremental Operating costs	64,642.24			39,250.00	103,892.24
Interest Charges During Implementation	-	-	-	-	-
Total Uses of Fund	64,642.24	-	-	39,250.00	103,892.24

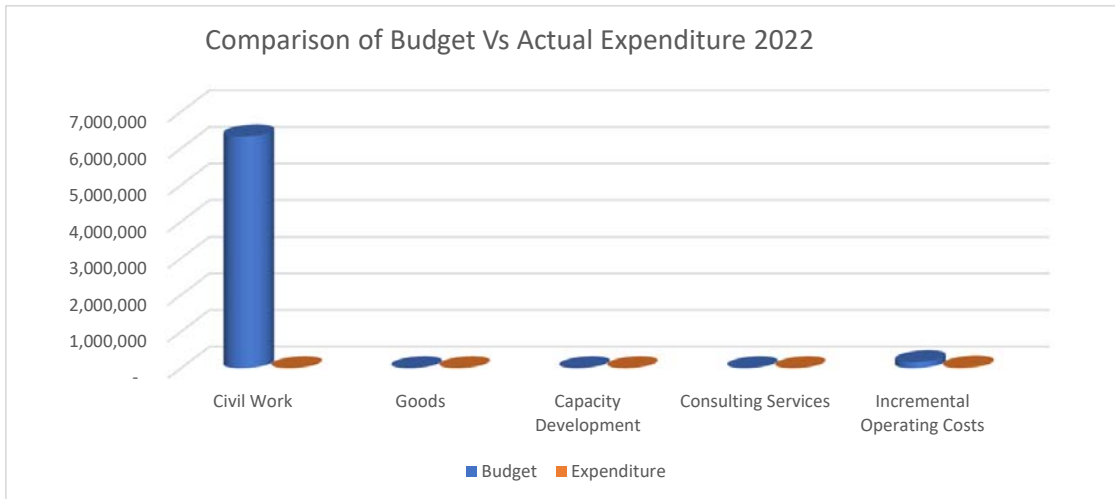
3. Closing Cash Balance					
CASH IN BANK	51,361.86	-	-	8,410.00	59,771.86
PETTY CASH FUND	4,152.60	-	-	-	4,152.60
Total Closing Cash Balance	55,514.46	-	-	8,410.00	63,924.46

4. Financing Plan vs Uses of Fund

Financiers	Financing Plan	Expenditures	Expenditure Rate %	Disbursement	Disbursement Rate %
L-3661	6,470,497	64,642.24		100,000.00	
L-8346		-		-	
G-0579		-		-	
RGC	23,436	39,250.00		51,370.00	
TOTAL	37,349,607	103,892	0.3%	151,370	0.4%

EA/IA: PMU-MRD

4. Statement of Comparison of Budget and Actual Expenditure				
For the Quarter Ending:				30/Sep/2022
Description	Period from 01 July 2022 to 30 September 2022			Budget Vs Actual Expenditure
	Budget US\$	Actual US\$	Diff. US\$	(%)
Civil Work	6,328,273	-	6,328,273	0%
Goods	-	-	-	-
Capacity Development	-	-	-	-
Consulting Services	-	-	-	-
Incremental Operating Costs	165,660	17,499	148,161	11%
	6,493,933	17,499	6,476,434	0%





ANNEX 13: Consultants Input July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

Annex 13. Consultants Input July - September 2022

Annex 13.1 Input CS01 PMIC

No:	Name	Position (As in Tech 6)	Nationality	Type Input	Time Input in Person/Month-Home/Field	Input Utilization (MM)			Total Utilized input	Avaliable PM	
						Jul-22	Aug-22	Sep-22			
1) INTERNATIONAL - KEY EXPERTS											
K-1	Ir. Willem J Van Diest	Project Management & Rural Infrastructure Specialist/Team Leader	NL	F	14.40	0.09		0.09	8.11	6.29	
				H	3.60		0.23	0.05	2.58	1.02	
K-2	Ms. Marivic Competente	Procurement Specialist	PHL	F	4.17	0.07	0.05		2.36	1.81	
				H	1.83			0.05	2.22	-0.39	
K-3	Peter Deppak Aravinda Josh	Social Development and Gender Specialist	AUS	F	5.60				5.05	0.55	
				H	0.40				0.39	0.01	
K-4	Monzurul Hoq	Social Safeguards Specialist	BGD	F	7.30				0.68	6.62	
				H	0.70	0.39	0.11		3.76	-3.06	
K-5	Felix Pascua	Environment and Climate Change Specialist	PHL	F	7.30				0.00	7.30	
				H	0.70	0.23			3.19	-2.49	
K-12	Ruud Corsel	Monitoring & Evaluation Specialist	NL	F	2.00				1.03	0.97	
Total - International Key Expert					48.00	0.78	0.39	0.19	29.37	18.63	
2) INTERNATIONAL - NONE KEY EXPERTS											
N-1	Praful Soni	PADC Operation and Management Specialist	PAK	F	2.00				0.00	2.00	
				H					0.00	0.00	
N-2	Paterno Borlagdan	Mechanised Workshop Operation and Management Specialist	PHL	F	5.84				5.20	0.64	
				H	0.16				0.17	-0.01	
Total - International None Key Expert					8.00				5.37	2.63	
3) NATIONAL - KEY EXPERT											
K-6	Sopha Sovanareth	Project Management & Rural Infrastructure Specialist/ Deputy Team	MAFF	CAM	F	30.00	1.00	1.00	0.86	29.59	0.41
K-7	Srey Heang		MOWRAM	CAM	F	30.00				30.00	0.00
K-8	Phai Sokheng		MRD	CAM	F	30.00				16.82	13.18
K-9	Mrs. Kol Prapey	Social Development and Gender Specialist		CAM	F	50.00	0.91	1.00	0.68	33.22	16.78
K-10	Oum Sith	Social Safeguards Specialist		CAM	F	60.00	1.00	1.00	0.82	35.00	25.00
K-11	Mao Vanchann	Environment and Climate Change Specialist		CAM	F	50.00	0.91	1.00	0.73	31.68	18.32
K-13	Prum Vothana	Monitoring & Evaluation Speialist		CAM	F	12.00	0.32	0.45	0.00	11.57	0.43
Total - National Key Expert					250.00	4.14	4.45	3.09	187.88	74.12	
4) NATIONAL - NONE KEY EXPERT											
N-3	Mr. Chan Sinet	Procurement Specialist	MAFF	CAM	F	18.00	-			17.98	0.02
N-4	Mr. Leng Bunnara		MOWRAM	CAM	F	18.00	0.36	0.68	0.16	18.00	0.00
N-5	Ms. Korn Sokhim		MRD	CAM	F	18.00	0.41	0.41	0.41	4.55	13.45
N-6	Mr. CHHUON Mao	Financial Management Specialist	MAFF	CAM	F	38.00	1.00	1.00	1.00	34.18	3.82
N-7	Mr. Koam Rattana		MEF	CAM	F	38.00	1.00	1.00	1.00	34.55	3.45
N-8	Ms. Chea Socheata		MOWRAM	CAM	F	38.00	1.00	1.00	0.89	25.75	12.25
N-9	Nev Chanboti		MRD	CAM	F	38.00	0.45	0.68	0.73	19.54	18.46
N-10	Kheang Sovann	Water Management & Irrigation Engineer	Kampong Cham	CAM	F	28.50				0.00	28.50
N-11	Heng Sokkong		Takeo	CAM	F	28.50	1.00	1.00	1.00	23.82	4.68
N-12	Soth Chhongheng		Kampot	CAM	F	28.50	1.00	1.00	1.00	27.00	1.50
N-13	. Din Sovathara		Tboung Khnum	CAM	F	28.50				0.00	28.50
N-14	. Chheng Sen	Cooperative Storage & Rural Roads Engineer	Kampong Cham	CAM	F	34.00	1.00	1.00	1.00	23.68	10.32
N-17	Khiev Sopha		Takeo	CAM	F	34.00				0.00	34.00
N-16	Bo Sarin		Kampot	CAM	F	34.00				0.00	34.00
N-15	Chou Vy		Tboung Khnum	CAM	F	34.00	1.00	1.00	1.00	27.00	7.00
Total - NONE Key Expert- National Expert					456.00	8.22	8.77	8.19	256.05	199.93	
GRAND TOTAL					762.00	13.14	13.61	11.47	478.67	295.31	

Annex 13.2 Input Consultants CS02

N.	Name	Position (As in Tech 6)	Nationality	Firm	Time Input in Person/Month-Home/Field	Input Utilization (MM)			Total Utilized input up to Sep-22	Avaliable Months
						Jul-22	Aug-22	Sep-22		
KEY EXPERTS -INTERNATIONAL										
K-1	Mr. Pollard Martin Blackeley	International Policy & Standards/ TL	British	eGen	7.00	0.03	0.05	0.03	6.64	0.363
K-2	Dr. Sreekanta Sheel	International Seed Commercialization and Intellectual Property Specialist	Bangladesh	eGen	5.00	-	-	-	0.68	4.32
K-3	Mr. Matt Zimmerman	International GAP, CSA and SRP Training Specialist	Austrian	eGen	9.00	-	-	-	5.05	3.95
K-4	Mr. Prabhakar Kasalanati	International Cooperative Agribusiness Training Specialist		eGen	6.00	-	-	-	-	6.00
K-5	Dr. Jason Hui Hong Yapp	International Green Financing Specialist	UK	eGen	10.00	0.23	0.33	0.24	2.51	7.49
Total International Experts					37.00	0.26	0.38	0.27	14.87	22.13
NON-KEY EXPERTS- INTERNATIONAL										
NK-1	Mr. Syed Ishtiaque Ahmed	Photo-voltaic Specialist	Bangladesh	eGen	4.00	-	-	-	0.14	3.86
NK-2	Md. Abdul Gofran	Bio-slurry Specialist	Bangladesh	eGen	4.00	-	-	-	2.06	1.94
NK-3	Mr. Christopher Kellner	Biodigester Standards Specialist		eGen	3.00	-	-	-	3.13	(0.13)
Total International Experts					16.33	-	-	-	5.33	5.68
KEY EXPERTS- NATIONAL										
K-6	Mr. Chin Koeun/ Mr. Hoeung Hun	National Policy and Standards Advisor/ Deputy Team Leader	Cambodia	SBK	36.00	-	-	-	30.18	5.82
K-7	Mr. Pech Saloeun/ Mr. Phuong Dara	National Bioslurry Specialist/Acting Deputy Team Leader	Cambodia	SBK	34.00	1	1	1	29.00	5.00
K-8	Mr. Pon Han	National Training and Capacity Building Specialist	Cambodia	SBK	60.00	-	-	-	22.04	37.96
K-9	Mr. Teng Theara/ Mr. Heng Sophat	National Farmer Demonstration Specialist	Cambodia	SBK	60.00	1	1	1	32.00	28.00
K-10	Mr. Dy Kunthea/ Mr. Chea Kosal	National Public Private Partnership Specialist	Cambodia	SBK	30.00	1	1	1	28.68	1.32
Total- Key Expert- National Expert					220.00	3	3	3	141.90	78.10
NON KEY EXPERTS- NATIONAL										
NK-4	Mr. KOET Munyphakdey	Photo-voltaic Specialist	Cambodia	SBK	12.00	-	-	-	4.54	7.46
NK-5	Mr. Sok Seyla/ Mr. Long Sona	Green Financing Specialist	Cambodia	SBK	36.00	0.64	0.91	1	5.10	30.90
NK-6	Mr. Pong Samnang	GAP for Tropical Fruit Specialist	Cambodia	SBK	19.00	0.36	0.50	0.45	2.42	16.58
NK-7	Mr. Soeur Sophorn	FWUC Training Specialist	Cambodia	SBK	37.00	1	1	1	22.00	15.00
NK-8	Mr. Srey BunDoeun/ Mr. Rous Phoura	Agricultural Machinery O&M Training Specialist	Cambodia	SBK	54.00	-	-	-	0	54.00
NK-9	Mr. Roeurn Siranet	Laboratory Commercialization Specialist	Cambodia	SBK	3.00	-	-	-	0.81	2.19
NK-10	No Data	ISO 17025 Accreditation Compliance Specialist	Cambodia	SBK	7.00				0	7.00
NK-11	Mr. Mak Chan Ratana	Bio-fertilizer & Organic Fertilizer Testing Specialist	Cambodia	SBK	4.00	-	-	-	3.75	0.25
NK-12	Mr. Ouch Srey Nech	Tissue Culture Development Specialist	Cambodia	SBK	3.00	-	0.14	-	2.51	0.49
NK-13	Dr. Huon Thavreak	GMO & Phytotoxic Analysis Specialist	Cambodia	SBK	3.00	-	-	-	0.14	2.86
NK-14	Mr. Vong Sophorn	National Laboratory Coordinator	Cambodia	SBK	46.00	1	1	1	18.77	27.23
Total- NON Key Expert- National					224.00	3	3.55	3.45	60.04	163.96
GRAND TOTAL					497.33	6.26	6.93	6.72	222.14	269.86

Annex 13.3 Input Consultants CS05

No:	Name	Position (As in Tech 6)	Nationality	Firm	Person/Month-Home/Field (Original Contract)	Total Input include VO	Input Utilization (MM)				Balance Available
							Jul-22	Aug-22	Sep-22	New Subtotal	
INTERNATIONAL EXPERTS											
1	Mr.Dinesh Kumar Shrestha	Irrigation Design Engineer And Team Leader	Nepalese	RDC	20.00	20.00	0.27	0.27	0.18	17.07	2.93
2	Dr. Martin Mautner Markhof	Agriculture Economist	Austrian	RDC	5.00	7.00	0.19	0.23	0.13	5.51	1.49
3	Mr. K D W Nandalal	Hydrologist	Sri Lankan	RDC	2.00	2.00				0.73	1.27
4	Mr. Tissa Ariyaratne	Social Safegurad Specialist	Sri Lankan	RDC	2.00	2.00				0.92	1.08
5	Ms. Anusha Kasige	Environmental Specialist	Sri Lankan	RDC	2.00	2.00		0.59		0.68	1.32
Total - Experts International					31.00	33.00	0.46	1.09	0.31	24.91	8.09
NATIONAL EXPERTS											
1	Mr. Phouv Narin	Social Safeguards Specialist	Cambodian	CAM-CSTR	6.00	8.50				8.50	-
2	Mr. Mao Phearun	AutoCAD Specialist-2	Cambodian	CAM-CSTR	10.50	12.27				12.27	-
3	Mr. Keiv Sengsoksamnang	AutoCAD Specialist-4	Cambodian	CAM-CSTR	10.50	-				0.00	-
4	Ms. Hep Srey Leak	Social Development and Gender Safeguard	Cambodian	CAM-CSTR	4.00	-				0.00	-
5	Mr. Roeun Sophanna	Procurement Specialist	Cambodian	CAM-CSTR	4.00	2.82				2.82	-
6	Mr. Hy Sopheap	Agriculture	Cambodian	CAM-CSTR	6.00	5.19				5.19	-
7	Mr. Chhit Kimhor	Hydrologist	Cambodian	CAM-CSTR	4.00	3.13				3.13	-
subtotal					45.00	31.91	-	-	-	31.91	0.00
NEW SUB TEAM IRRIGATION											
1	Mr. UCH Chanvuthy	Irrigation Design Engineer/DTL	Cambodian	CAM-CSTR		12.00	1.00	1.00	1.00	10.00	2.00
2	Mr. KLEY Kimsot	Agriculture Economic	Cambodian	CAM-CSTR	6.00	9.55				7.41	2.14
3	Ms. SAO Sambathmorakath	Envirnl Safeguards Spec	Cambodian	CAM-CSTR	10.00	14.21	0.50	0.86	0.55	13.26	0.95
4	Mr.Oeung Chantha/ Mr.Monichoth So Im	Hydrologist	Cambodian	CAM-CSTR		4.00	1.00	1.00	0.55	3.19	0.81
5	Ms. DIN Chakriya/ Nhoem Sunday	AutoCAD Specialist - 3	Cambodian	CAM-CSTR	10.50	22.00	1.00	1.00	1.00	20.00	2.00
6	Mr.Tean Meas	AutoCAD Specialist -7	Cambodian	CAM-CSTR		22.00	1.00	1.00	1.00	20.00	2.00
7	Mr. Lorn Sokly/ Phuon Brorsoeur	AutoCAD Specialist -8	Cambodian	CAM-CSTR		19.00	1.00	1.00	1.00	17.73	1.27
8	Mr. Heng Leang Chhay	AutoCAD/GIS Specialist	Cambodian	CAM-CSTR		11.00	1.00	1.00	1.00	10.00	1.00
9	Mr. KONG Naosundaya	Irrigation Design Engineer 1	Cambodian	CAM-CSTR		8.00				8.00	0.00
	Mr. KONG Naosundaya (New Rate)	Irrigation Design Engineer 2				16.00	1.00	1.00	1.00	13.00	3.00
10	Mr.Ou Sokhavong	Irrigation Strcture Design Engineer	Cambodian	CAM-CSTR		9.00	1.00	1.00	0.32	8.82	0.18
11	Ms. Khieu Bunroeb	Social Development and Gender Safeguard	Cambodian	CAM-CSTR		6.00	0.50	0.32	0.50	4.50	1.50
12	Mr. Leng Bunnara	Procurement Specialist	Cambodian	CAM-CSTR		4.00	0.23			1.81	2.19
13	Mr. Eng Veng	Social Safeguards Specialist and resettlement	Cambodian	CAM-CSTR		8.00	0.86	0.82	0.77	6.27	1.73
14	Mr. Chan Narith	Social Safeguards Specialist and resettlement	Cambodian	CAM-CSTR		10.00	0.82	0.55	0.86	6.90	3.10
subtotal irrigation					26.50	174.76	10.91	10.55	9.55	150.89	23.87

No:	Name	Position (As in Tech 6)	Nationality	Firm	Person/Month- Home/Field (Original Contract)	Total Input include VO	Input Utilization (MM)				Balance Available
							Jul-22	Aug-22	Sep-22	New Subtotal	
title?											
1	Mr. KHIN Toda	IE/DTL	Cambodian	CAM-CSTR	20.00	35.86	1.00	1.00	1.00	31.86	4.00
2	Mr. VIN Sa/Mr.Sam Sothearo	Road Design Engineer	Cambodian	CAM-CSTR	20.00	30.73			0.77	25.50	5.23
3	Mr. Chhoun Sovannara	AutoCAD Specialist - 1	Cambodian	CAM-CSTR	10.50	30.00	1.00	1.00	1.00	27.00	3.00
4	Mr.Im Daro	AutoCAD Specialist	Cambodian	CAM-CSTR		21.86				19.27	2.59
5	Mr.Samoeun Keo	AutoCAD Specialist	Cambodian	CAM-CSTR		24.55	1.00	1.00	1.00	22.55	2.00
6	Mr. HEM Motha/Lom Odom	Asst.Road Design Engineer	Cambodian	CAM-CSTR		17.22	0.36	0.32	0.32	15.22	2.00
7	Mr. Sean Sitha	Asst.Environment Safeguards	Cambodian	CAM-CSTR		2.60				2.60	0.00
	Mr. Sean Sitha(New Rate)	Environment Safeguards				11.00	0.68	0.32	0.45	7.81	3.19
8	Mr. SEAM Hak	Social Development and Gender Safeguard Specila	Cambodian	CAM-CSTR		5.00	0.27			3.68	1.32
9	Mr. Bun San	Social Safeguards	Cambodian	CAM-CSTR		3.37				3.37	0.00
	Mr. Bun San(New Rate)	Social Safeguards				14.00				8.86	5.14
10	Mr. SUY Poline	Procurement Specialist	Cambodian	CAM-CSTR		6.00	0.64			3.05	2.95
11	Mr. CHHUN Bunmeng	Socio Economic Specialist	Cambodian	CAM-CSTR		4.00	0.77	0.36		2.67	1.33
12	Mr.Yet Savuth	Social Safeguards and Resettlement Specialist	Cambodian	CAM-CSTR		12.00	1.00	1.00	1.00	9.41	2.59
subtotal farm roads					50.50	218.19	6.72	5.00	5.54	182.85	35.34
Subtotal National Experts					122.00	424.86	17.63	15.55	15.09	365.65	59.21
GRAND TOTAL					153.00	457.86	18.09	16.64	15.40	390.56	67.30



ANNEX 14: Compliance with Covenants July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

Annex 14: Compliance with Covenants July - September 2022

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	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

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
							goods delivered to EA/IAs
3		Loan 8346	Schedule 4	4	3. ADB's obligation to disburse any amount from the Loan Account shall be subject to ADB's receipt of a corresponding amount from GCF in accordance with the terms of the AMA and the FAA.	Comply	Agreed.
4		Loan 8346	Schedule 4	4	2(c) The Borrower shall enable ADB, upon ADB's request to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a), (iii) herein above, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree.	Being Complied with	Third Financial Audit for the year 2021 was conducted in February'2022. Report has been submitted to ADB in June 2022.
		Loan 8346	Schedule 4	4	1. In the carrying out of the Project and operation of the Project facilities, the Borrower shall perform, or cause to be performed, all obligations set forth in the Ordinary Operations [Concessional] Loan Agreement.	Being complied with	
5		Loan 8346	Schedule 4	4	2(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Being Complied with	
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	Being Complied with	Being complied. Separate accounts established. 3 rd annual audited project financial statement reports for FY2021 submitted in June 2022.

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					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.		
7		Loan 8346	Schedule 4	5	5(c) Without limiting the generality of the foregoing, the Borrower shall furnish to ADB periodic reports on the execution of the Project, on the accomplishment of the targets and actions agreed between ADB and the Borrower, and on the operation and management of the Project facilities. Such reports shall be submitted in such form and in such detail and within such a period as ADB shall reasonably request, and shall indicate, among other things, progress made and problems encountered during the period under review, steps taken or proposed to be taken to remedy these problems, and proposed program of activities and expected Progress during the following period.	Being complied with	Progress reports have been submitted every quarter
8		Loan 8346	Schedule 4	5	9. Contractors and Consultants. In the carrying out of the Project, the Borrower shall cause competent and qualified consultants and contractors, acceptable to the Borrower and ADB, to be employed to an extent and upon terms and conditions satisfactory to the Borrower and ADB.	Being Complied	Some CS2 non key experts still not mobilized.
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.

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
11		Loan 8346	Schedule 4	5	2. Negative Pledge. (a) If the Borrower shall create or permit the creation of any lien on any of its assets as security for any foreign currency debt, the Borrower undertakes to expressly provide that such lien will ipso facto equally and ratably secure the payment of the principal of, and service charge on, the Loan. If any statutory lien shall be created on any assets of the Borrower (as hereinafter defined), as security for any foreign currency debt, the Borrower shall grant to ADB an equivalent lien satisfactory to ADB.	Being Complied with	Agreed
12		Loan 8346	Schedule 4	5	(b) The Borrower shall afford all reasonable opportunity for ADB's representatives to visit any part of its territory for purposes related to the Loan.	Complied with	Agreed.
13		Loan 8346	Schedule 4	5	2.b. The provisions of paragraph (a) of this Section shall not apply to (i) any lien created on property, at the time of purchase thereof, solely as security for payment of the purchase price of such property; or (ii) any lien arising in the ordinary course of 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,	Being Complied	In April 2022 a decision was made on the implementation of

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					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.		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	
18		Loan 8346	Schedule 4	5	8. General Undertakings. (a) The Borrower shall cause the Project to be carried out with due diligence and efficiency and in conformity with sound financial, business and development practices. The Borrower shall in collaboration with ADB ensure that the Project adheres to ADB policies on anticorruption, core labor standards, environmental and social safeguards, gender, procurement and consulting services, disbursement and such other policy specified in the Loan Agreement.	Being Complied	Being complied.
19		Loan 8346	Schedule 4	5	7. Work Schedules, Plans and Design Standards. The Borrower shall cause the Project to be carried out in accordance with plans, design standards, specifications, work schedules and construction methods acceptable to the Borrower and ADB, as applicable. When required by ADB, the Borrower shall furnish, or cause to be furnished, to ADB, promptly after their preparation, such plans, design standards, specifications and work schedules, and any material modifications subsequently made therein, in such detail as ADB shall reasonably request.	Being Complied	AWP 2022 approved by MEF on 13 April 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.

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
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.
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 2021 was conducted in February'2022. Report has been submitted to ADB in June 2022.
23		Loan 8346	Schedule 4	5	10. Maintenance. The Borrower shall ensure that any facilities relevant to the Project are operated, maintained and repaired in accordance with sound operational and maintenance practices. The Borrower shall promptly as need, make or cause to be made all necessary repairs and renewals thereof.	To be Complied	To be complied.
24		Grant 0579	Schedule 2	2	Without limiting the generality of Section 5.01(a) of the Grant Regulations, the Recipient shall refund, or procure and refund, any unused Grant proceeds to ADB, and shall impose similar refund requirements on its counterparties involved in the Project.	To be complied	Agreed.
25		Grant 0579	Schedule 2	4	In addition to the audit requirement under Section 4.02 of this Grant Agreement, the Recipient acknowledges and agrees that ADB has the right to conduct financial audits of the Project, by an external auditor selected by ADB, if GCF has a concern as to the manner in which the Grant proceeds have been used; and shall fully cooperate with such audit.	Being Complied	Agreed.

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					The Recipient shall bear the reasonable cost of such audit, if the audit finds that the Grant proceeds have not been used according to this Grant Agreement.		
26	Sector	Grant 0579	Sched 2	6	The Recipient shall ensure that the activities related to the Project are implemented in compliance with the laws of the Recipient and other laws applicable to it, including but not limited to intellectual property law, if and to the extent any such laws maybe applicable to it.	Being complied	
27	Financial	Grant 0579	Schedule 4	1	In the carrying out of the Project and operation of the Project facilities, the Recipient shall perform, or cause to be performed, all obligations set forth in Schedule 2 to this Grant Agreement and Schedule 5 to the Ordinary Operations [Concessional] Loan Agreement.	Being Complied	
28		Grant 0579	Schedule 4	2	(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	To be complied with	Third Financial Audit for the year 2021 was conducted in February'2022. Report has been submitted to ADB in June 2022.
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. 3 rd annual audited project financial statement reports for FY2021 submitted in June 2022.

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
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	Third Financial Audit for the year 2021 was conducted in February'2022. Report has been submitted to ADB in June 2022.
31		Grant 0579	Schedule 4	4	The Recipient shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being Complied	Inception mission verified office equipment and goods delivered to EA/IAs
32		Grant 0579	Schedule 4	4	The Recipient acknowledges and agrees that this Grant Agreement is entered into by ADB, not in its individual capacity, but as trustee of GCF. Accordingly, the Recipient agrees that (a) it may only withdraw Grant proceeds to the extent that ADB has received proceeds for the Grant from GCF, and (b) that ADB does not assume any obligations or responsibilities of GCF in respect of the Project or the Grant other than those set out in this Grant Agreement.	Being Complied	Confirmed.
Safeguards							
33	Safeguards	Loan A661	Schedule 5	2	Environment. The Borrower shall ensure that the preparation, design, construction, implementation, operation and decommissioning 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	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
34		Loan 3661	Schedule 5	3	Land Acquisition and Involuntary Resettlement. The Borrower shall ensure that all land and all rights-of- way required for the Project, each Subproject and all Project facilities are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) Involuntary Resettlement Safeguards; (c) the RF; and (d) all measures and requirements set forth in the respective RP, and any corrective or preventative actions set forth in a Safeguard Monitoring Report. The Borrower shall ensure that no Subproject categorized as Category A under the SPS is financed under the Project.	Being complied	In 2020, the ADB recruited a Fourth Party to verify the land donations for the Category C irrigation scheme Trapeang Run. For AWP 2021 are the arrangements still not sure how this Fourth-party verification will be arranged. There are no category A subprojects included in the project.
35	Safeguards	Loan 3661	Schedule 5	4	Without limiting the application of the Involuntary Resettlement Safeguards, the RF or the RP, the Borrower shall ensure that no physical or economic displacement takes place in connection with the Subprojects until: (a) compensation and other entitlements have been provided to affected people in 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	Being complied with	There are no category A subprojects included in the project.

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					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.		
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; make available a budget for all such environmental and social measures; provide the Borrower with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs, the RPs and the IPPs; adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	Being Complied	First invitation for bids for civil works have been issued in April 2020.
39	Safeguards	Loan 3661	Schedule 5	8	Safeguard Monitoring and Reporting. The Borrower shall do the following: submit semi-annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission; if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or	To be complied with	Semi-annual safeguards monitoring reports are submitted on-time

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					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 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.		
40	Safeguards	Loan 3661	Schedule 5	9	Prohibited List of Investments. The Borrower shall ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.	Being Complied	
41	Safeguards	Loan 3661	Schedule 5	10	Labor Standards, Health and Safety. The Borrower shall ensure that the core labor standards and the Borrower's applicable laws and regulations are complied with during Project implementation. The Borrower shall include specific provisions in the bidding documents and contracts financed by ADB under the Project requiring that the contractors, among others, (a) comply with all applicable labor laws and regulations of the Borrower; (b) do not use child labor; (c) do not discriminate workers in respect of employment and occupation; (d) do not use forced labor; and (f) disseminate information on the risks of sexually 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.	Being Complied	
42	Safeguards	Loan 3661	Schedule 5	11	The Borrower shall strictly monitor compliance with the requirements set forth in this paragraph and provide ADB with regular reports.	Being Complied	Being complied.
		Loan 3661	5	12	Gender and Development. The Borrower shall ensure that the (a) GAP is implemented in accordance with its terms; (b) the bidding documents and contracts include relevant provisions for contractors to comply with the measure set forth in the GAP; (c) adequate resources are allocated for implementation of the GAP; and (d) progress on implementation of the GAP, including progress toward achieving key gender outcome and output targets are regularly monitored and reported to ADB.	Being Complied with	In Sept 2021 was the GAP changed/modified by the ADB

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
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	
45		Loan 3661	Schedule 5	18	The Borrower shall disclose, through its website, accessible by general public, information about various matters concerning the Project, including general Project information, procurement, Project progress, and contact details in the English and Cambodian languages, as applicable. The website shall also provide a link to ADB's integrity office for reporting to ADB any grievances or allegations of corrupt practices arising out of the Project and Project activities. With regard to procurement, the website shall include: (a) the list of participating bidders; (b) the name of the winning bidder; (c) the amount of the contracts awarded; (d) basic details on bidding procedures adopted; and (e) the lists of goods, works and services procured.	Being Complied	
46		Grant 0579	Schedule 2	1	The Recipient acknowledges and agrees that the Recipient has no right of action, whether in contract, nor or under statute to the extent permitted by law, against GCF in respect of the ADB Green Climate Fund, the Project or any loss or damage arising out of ADB's acts or omissions, or the acts of omissions of its officers, employees, agents or consultants under, or in connection with, this Grant Agreement.	Being Complied	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

No	Covenant	Loan Agreement Reference				Compliance Status (30.09.2022)	Remarks/Issues
		Product	Schedule	Para No.	Description		
47		Grant 0579	Schedule 2	3	The Recipient shall fully cooperate with ADB regarding any reviews, ad hoc checks, verifications or evaluations by GCF	Being Complied with.	
48		Grant 0579	Schedule 2	5	The Recipient shall ensure that all necessary and applicable licenses, approvals and consents, including those relating to intellectual property, to implement and carry out the Project and operate the Project facilities are valid for the duration of the Project.	To be complied	
49		Grant 0579	Schedule 2	7	The Recipient shall endeavor to acknowledge the visual identity of GCF in funding the Project (e.g., through use of the GCF logo, in accordance with GCF's branding guidelines, and appropriate references in reports, publications, information given to beneficiaries and news media, related publicity materials and any other forms of public information and the displaying of the GCF logo on the site of any infrastructure works). Any branding activities in support of GCF shall comply with GCF's branding guidelines and be and reviewed by the GCF Secretariat.	Being Complied with	
Others							
50		Loan 3661	Schedule 5	1	Implementation arrangements. The Borrower shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM shall become effective only after approval of such change by the Borrower and ADB. In the event of any discrepancy between the PAM and this Loan Agreement, the provisions of this Loan Agreement shall prevail.	To be complied with	



ANNEX 15: Financial Management Plan July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

Annex 15: Financial Management Plan July - September 2022

Weakness	Mitigation Action	Responsibility	Timeframe	Status per Sept 30 2022
<ul style="list-style-type: none"> • Coordination among PMU of MAFF as EA and IAs: PDAFF, PDWRAM, PDRD, and others 	<ul style="list-style-type: none"> • Clear roles and responsibilities are detailed in PAM. • EA and IAs are well informed about their roles and responsibilities by ADB and PIC. 	EA/PMU/MEF	One month after Loan Negotiation.	Done
<ul style="list-style-type: none"> • Limited capacity of the project staff at the PMU/PPIU on budget execution, accounting, reporting and auditing. 	<ul style="list-style-type: none"> • Four national Financial Management Specialists will be recruited to provide financial management support to the PMU. In collaboration with CARM, they will train accountants of EA/IA on budget execution, accounting, reporting, and auditing. • Training on project management, financial management, SOP and project fund flows shall be provided to the project staff in EA and IAs. • Training on ADB disbursement procedures, including online training, will be made available to EA and IA staff; and project staff will be encouraged to undertake the training to help ensure efficient disbursement and fiduciary control. 	MAFF / PMU / PIC	Starting 3 months from project effectiveness and will be a continuing activity to ensure staff are updated of the latest good practice.	<p>Done</p> <p>Ongoing twice per year, refresher training</p> <p>Ongoing twice per year, refresher training. Plan to conduct in Sep & Dec'2022</p>
<ul style="list-style-type: none"> • Safeguard of vehicles, motorcycles, equipment for workshops, laboratory, and solar power 	<ul style="list-style-type: none"> • Inventory List must be set up with accountability. • A sound inventory management is required via trainings for IAs. 	PMU/PIC	3 months from the mobilization of the PIC.	<p>Done</p> <p>Done</p>
<ul style="list-style-type: none"> • Most proposed IAs/PPIUs do not have accounting system to record financial transactions and prepare the required financial reports. 	<ul style="list-style-type: none"> • The accounting system shall be setup and training will be provided for the project accountants at PPIUs/IAs 	PMU/PIC	3 months from the mobilization of the PIC.	Done
<ul style="list-style-type: none"> • Limited capacity in internal audit. Quality of both internal and external audit reports remains a concern. 	<ul style="list-style-type: none"> • MEF will ensure that each IA will include qualified accountants and auditors, and ensure that the project is subject to internal audit to ensure that the Internal Audit Unit of each IA carries out regular reviews of the internal control processes. Regular training on audit will be provided. 	MEF/ADB	By end of Year 1.	<ul style="list-style-type: none"> • MEF recruits external auditor on annual basis • MEF conducts Audit training to the project staffs on Annual basis

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
 Third Quarterly Progress Report 2022: July - September

Weakness	Mitigation Action	Responsibility	Timeframe	Status per Sept 30 2022
<ul style="list-style-type: none"> Delays and incomplete submission of the unaudited annual project financial statements 	<ul style="list-style-type: none"> EA and IAs staff will be trained in preparing and submitting quality reports of annual project financial statements on a timely basis. MEF to update the TOR for auditors and explore potential participation of supreme audit institution to further improve quality. 	MEF/ADB	By the 9th month from the project effectiveness.	<ul style="list-style-type: none"> MEF or ADB conducts ad hoc trainings on specific topic for project financial staff Annually, Done MEF does update annually

ADB=Asian Development Bank; EA = executing agency; IA= implementing agency; MAFF = Ministry of Agriculture, Forestry and Fisheries; MEF = Ministry of Economy and Finance; MOWRAM = Ministry of Water Resources and Meteorology; PIC = project implementation consultants; PDAFF = Provincial Department of Agriculture, Forestry and Fisheries; PDWRAM = Provincial Department of Water Resources and Meteorology; PDRD = Provincial Department of Rural Development; PMU= project management unit; PPIU = provincial project management implementation unit; TOR = terms of reference.



ANNEX 16: Annual Work Plan 2023 (Draft) July - September 2022

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

CS1 - 001 SER: Project Implementations Consulting

THIRD QUARTERLY PROGRESS REPORT 2022
JULY - SEPTEMBER

Prepared by

Annex 16: Annual Work Plan 2023 (Draft)

Annual Budget 2023 (USD)
 ALL EA and IAs

Executing Agency	Cost ('000USD)				
	Q1	Q2	Q3	Q4	Total
EXECUTING AGENCY					
MAFF	3,486.73	7,043.34	6,921.89	5,923.97	23,375.94
MOWRAM	207.39	878.96	4,717.45	5,536.05	11,339.85
MRD	1,776.88	2,094.61	2,461.29	2,989.87	9,322.65
TOTAL	5,471.00	10,016.92	14,100.64	14,449.89	44,038.44
SOURCE OF FUNDS					
ADB	3,329.84	6,078.20	9,449.32	9,775.41	28,632.77
GCF Loan	227.70	321.78	670.55	997.45	2,217.48
GCF Grant	1,702.12	3,247.88	3,614.29	3,357.61	11,921.89
RGC	137.43	219.77	219.76	193.85	770.81
Beneficiaries	73.91	149.29	146.72	125.57	495.49
TOTAL	5,471.00	10,016.92	14,100.64	14,449.89	44,038.44

Annual Budget 2023 (USD)
 ALL EA and IAs

Executing Agency	Cost ('000USD)				
	Q1	Q2	Q3	Q4	Total
EXECUTING AGENCY					
53.08 MAFF	3,486.73	7,043.34	6,921.89	5,923.97	23,375.94
25.75 MOWRAM	207.39	878.96	4,717.45	5,536.05	11,339.85
21.17 MRD	1,776.88	2,094.61	2,461.29	2,989.87	9,322.65
100.00 TOTAL	5,471.00	10,016.92	14,100.64	14,449.89	44,038.44
SOURCE OF FUNDS					
65.018 ADB	3,329.84	6,078.20	9,449.32	9,775.41	28,632.77
5.035 GCF Loan	227.70	321.78	670.55	997.45	2,217.48
27.072 GCF Grant	1,702.12	3,247.88	3,614.29	3,357.61	11,921.89
1.750 RGC	137.43	219.77	219.76	193.85	770.81
1.125 Beneficiaries	73.91	149.29	146.72	125.57	495.49
100.00 TOTAL	5,471.00	10,016.92	14,100.64	14,449.89	44,038.44

PROJECT ASSUMPTIONS

3. All activity/cost items under the civil work expenditure category (irrigation, roads, cooperative warehouses, testing laboratories, biogas) is tax exempt. For vehicles, the base cost includes 25% of taxes (t). For other expenditure categories, the base cost includes 9% of taxes (t). TAX = BASE*t where t is the applicable tax rate.

CODE IFERROR(INDEX('Annex 2_Code'!L\$8:L\$33,MATCH('Annex 3_MAFF'!\$AG200,'Annex 2_Code'!\$G\$8:\$G\$33,0)), '')

Expenditure Categories	Expenditure Categories	Financing Rules						Physical Cont.	Foreign	Tax rate				
		ADB	GCF Loan	GCF Grant	Govt	Beneficiaries	Spare			Check	Import	Excise	VAT	Gross
Water & Irrigation	IRRIGATION	76.83%	12.65%	10.53%	0.00%	0.00%	0.00%	10.00%	10.00%	0.00%	0.00%	9.00%	9.00%	No
Rural Connector Roads	ROADS	76.83%	12.65%	10.53%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	9.00%	9.00%	No
Storage Warehouses	WAREHOUSES	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	9.00%	9.00%	No
Other Infrastructure	OTHER_INFRA	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	9.00%	9.00%	No
Biogas Plants	BIOGAS	0.00%	0.00%	27.27%	30.59%	42.14%	0.00%	10.00%	20.00%	0.00%	0.00%	9.00%	9.00%	No
Compost Huts	Compost Huts	0.00%	0.00%	50.00%	25.00%	25.00%	0.00%	10.00%	65.00%	0.00%	0.00%	9.00%	9.00%	Yes
Equipment - Cooperative, Laboratories and Others	EQUIPMENT-ADB	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	65.00%	0.00%	0.00%	9.00%	9.00%	Yes
Equipment - ICT	EQUIPMENT-ICT	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	37.00%	50.00%	0.00%	9.00%	63.50%	Yes
Vehicles	VEHICLES	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	37.00%	50.00%	0.00%	9.00%	63.50%	Yes
Materials & Supplies	MATERIALS-ADB	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	20.00%	0.00%	0.00%	9.00%	9.00%	Yes
Studies & Surveys	STUDIES	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	9.00%	9.00%	Yes
Training, Workshops & Demonstrations	TRAINING	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	9.00%	9.00%	No
Policies & Standards	POLICIES_STANDARDS	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	9.00%	9.00%	Yes
Monitoring & Evaluation /a	M&E	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	9.00%	9.00%	Yes
PIC - FS & Detailed Engineering Design	PIC-DED	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	10.00%	0.00%	0.00%	0.00%	0.00%	Yes
PIC - Capacity Building and CSA Consultants - Intl	PIC-Tech-Intl	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	Yes
PIC - Capacity Building and CSA Consultants - Natl	PIC-Tech-Natl	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Yes
PIC - Project Management - Intl	PIC-PM-Intl	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	Yes
PIC - Project Management - Natl	PIC-PM-Natl	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Yes
PIC - Variety Development	PIC-Variety	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Yes
PIC - ICT	PIC-ICT	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Yes
Project Staff	SUPPORT_STAFF	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Yes
Climate Risk Sharing Mechanism Support	CRM_SUPPORT	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	9.00%	9.00%	No
Land Acquisition & Resettlement	RESETTLEMENT	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	No
Office Operations & Support Costs	OFFICE_SUPPORT	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	9.00%	9.00%	No
Government Contribution	GOVT_CONTRIBUTION	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Yes
Procurement	Procurement Package ID													
On-farm Water Catchment Ponds	CW1													
Traipang Run Reservoir	CW2													
Cooperative Storage	CW3a													100.00%
Cooperative Storage	CW3b1													
Cooperative Storage	CW3b2													
Cooperative Storage	CW3b3													
Construction of PADC Training Buildings for Takeo, Tbong Khmum & Kampong Cham	CW4													
Renovation of PADC Trainign Building for Kampot	CW5													
Construction of Mechanization Workshops for Kampot, Tbong Khmum & Kampong Cham	CW7													
Flatbed Batch Drier	CW11													
Kampot Irrigation Subproject	CW12													
Mlech Irrigation Subproject	CW12-A													
Prey Takouch Irrigation Subproject	CW12-B													
Teol La'ak Reservoir	CW12-C													
Trapaeng Boeueung reservoir	CW12-D													
Kandal reservoir	CW12-E													
Prawoek Pong reservoir	CW12-F													
Tbong Khmum Irrigation Subproject	CW13													
Kbal Toeuk Irrigation Subproject	CW13-A													
Tuol Pring Irrigation Subproject	CW13-B													
Trapaeng Tross Irrigation Subproject	CW13-C													
K'Eth reservoir	CW13-D													
Two Community reservoirs	CW13-E													
Kampong Cham Irrigation Subproject	CW14													
Pram Kompheak Irrigation Subproject	CW14-A													
O'Kamprak Irrigation Subproject	CW14-B													
Ocherey dam	CW14-C													
Teuk Char irrigation system	CW14-D													
Kouk Eurt reservoir	CW14-E													
Takeo Irrigation Subproject	CW15													
Prey Kdouch Irrigation Subproject	CW15-A													
Kraing Ampil Irrigation Subproject	CW15-B													
Sdok Sam reservoir	CW15-C													
Trapaing Khorn reservoir	CW15-D													
O'Rumdoul reservoir	CW15-E													
Unidentified Irrigation Subproject	CW16													
Construction of Rural Roads (paved and laterite)	CW17													
Repair glasshouse for germplasm	CW18													
Biodigesters	CW19													
Demonstration and Training of Laser Land Levelling (3,500ha)	D1													
Demonstration and Training of Laser Land Levelling (500ha)	D1a													
Bio-technology Laboratory(GMO)	G1													
Rapid Test Kits and Bio/Organic Fertilizer Laboratory (materials and equipment)	G2													
Equipment & Materials for Drip Irrigation	G3													
Equipment for Mechanization Workshops for All Four Provinces	G4													
Vehicles	G5													
Motorcycles	G6													
ICT Equipment, Training, Studies	G7													
6 Paddy Milling Equipment	G8													
5 Units of Maize Shellers	G9													
CS1 - Project Management	CS1													
PIC - Capacity Building and Climate Smart Agriculture Consultants	CS2													
Climate Resilient Variety Development by IRII	CS3													
ICT	CS4													
Feasibility Study & Detailed Engineering Design Consulting Firm for Irrigation and Farm Roads	CS5													
External Environment Monitoring	CS6													
Project Management Operations - No Procurement	PMO													
Government Counterpart Support - No Procurement	Govt													
Unspecified	N/A													
Capacity Development	CD													
Incremental Operational Cost	IOC													
Spare	Spare													
Government Agency	Govt ID													
Ministry of Water Resources and Meteorology	MOWRAM													
Ministry of Agriculture, Forestry and Fisheries	MAFF													
Ministry of Rural Development	MRD													
MAFF - General Directorate of Animal Health and Production	MAFF - GOAHP													
MAFF - General Directorate of Agriculture	MAFF - GDA													
MAFF - Cambodian Agricultural Research and Development Institute	MAFF - CARDI													
Gov't AI 7	UNASSIGNED													
Gov't AI 8	Gov't AI 8													
Gov't AI 9	Gov't AI 9													
Gov't AI 10	Gov't AI 10													
Output														
1. Critical agribusiness value chain infrastructure improved and made climate resilient.														
1.1 Rehabilitating water management infrastructure to climate resilient condition	WATER_RESOURCES													IA
1.2 Upgrading agricultural cooperative value chain infrastructure	COOPERATIVES													MOWRAM
1.3 Improving connectivity to cooperatives and markets through climate resilient farm road networks	ROADS													MAFF
1.4 Strengthening infrastructure for agricultural quality and safety testing	TESTING_INFRASTRUCTURE													MRD
1.5 Promoting renewable energy for value chain improvement	BIOGAS													MAFF-GDA
2. Climate smart agriculture and agribusiness promoted														

Annual Budget 2023 ('000 USD) ឆ្នាំ ២០២៣
MAFF

Budget Code	Pro. Code	Activity	Unit	Unit Cost ('000 USD)	Total	Cost ('000US\$)					Financial Rule					Cost by source of fund ('000US\$)					Output	Expenditure Categories	IA						
						Q1	Q2	Q3	Q4	Total	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries									
CW	CW19	1.5.1.1	Installation and commissioning of 500 biodigesters (សង់ឱ្យដំឡើងចំនួន ៥០០) Lot 1: Tboung Khum, Lot 2: Kampong Cham Lot 3: Takeo, Lot 4: Kampot	unit	0.950	500.0	-	95.00	190.00	190.00	475.00	0.0%	0.0%	27.3%	30.6%	42.1%	-	-	129.55	145.28	200.17	475.00	-	BIOGAS	BIOGAS	MAFF-GDAHP	MAFF		
CW	CW19	1.5.1.2	Installation 250 compost huts (សង់រោងចក្របង្កើនជី ២៥០) Lot 1: Tboung Khum, Lot 2: Kampong Cham Lot 3: Takeo, Lot 4: Kampot	unit	0.750	250.0	-	37.50	75.00	75.00	187.50	0.0%	0.0%	50.0%	25.0%	25.0%	-	-	93.75	46.88	46.88	187.50	-	BIOGAS	Compost Huts	MAFF-GDAHP	MAFF		
CW	CW19	1.5.1.3	Installation and commissioning of 750 biodigesters (សង់ឱ្យដំឡើងចំនួន ៧៥០) Lot 1: Tboung Khum, Lot 2: kampong Cham Lot 3: Takeo, Lot 4: Kampot	unit	0.950	750.0	-	237.50	237.50	237.50	712.50	0.0%	0.0%	50.0%	25.0%	25.0%	-	-	356.25	178.13	178.13	712.50	-	BIOGAS	Compost Huts	MAFF-GDAHP	MAFF		
CW	CW19	1.5.1.4	Installation 375 compost huts (សង់រោងចក្របង្កើនជី ៣៧៥) Lot 1: Tboung Khum, Lot 2: Kampong Cham Lot 3: Takeo, Lot 4: Kampot	unit	0.750	375.0	-	75.00	75.00	131.25	281.25	0.0%	0.0%	50.0%	25.0%	25.0%	-	-	140.63	70.31	70.31	281.25	-	BIOGAS	Compost Huts	MAFF-GDAHP	MAFF		
Subtotal (សរុបតាមផ្នែក)						1,875.0	-	445.00	577.50	633.75	1,656.25											-	-	1,656.25					
CW	CW19		Contract administration and margin (30% of Subtotal A) ការចុះកិច្ចសន្យាផ្គត់ផ្គង់សេវា	lump sum/សរុប		-	-	-	-	-	-	0.0%	0.0%	27.3%	30.6%	42.1%	-	-	-	-	-	-	-	-	BIOGAS	BIOGAS	MAFF-GDAHP	MAFF	
Subtotal (សរុបតាមផ្នែក)						-	-	-	-	-	-												-	-	-				
1.5.2. Training & Capacity Building (វគ្គបណ្តុះបណ្តាល និងការពង្រឹងសមត្ថភាព)																													
CD	CD	1.5.2.1	Refresher training of extension workers for biodigester and bio-slurry /e (វគ្គបណ្តុះបណ្តាល ភាពសម្រាប់ការបង្កើនជី និងជីធូលី)	Training	0.50	42.0	4.50	6.00	6.00	4.50	21.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	21.00	-	-	21.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.2	National workshops on biodigester and composting (សិក្ខាសាលាជាតិស្តីពីឱ្យដំឡើង និងការថែទាំ)	Workshop	6.00	4.0	6.00	6.00	6.00	6.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.3	User training for biogas plant and bio-slurry (biogas plant and bio-slurry management) (វគ្គបណ្តុះបណ្តាលអ្នកប្រើប្រាស់ឱ្យដំឡើង និងថែទាំឱ្យដំឡើង (ការគ្រប់គ្រងឱ្យដំឡើង និងថែទាំឱ្យដំឡើង))	Course/វគ្គ	0.15	142.0	3.15	5.85	6.45	5.85	21.30	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	21.30	-	-	21.30	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.4	TOT training on biogas plant, bio-slurry use and management for extension workers (វគ្គបណ្តុះបណ្តាលគ្រប់រូបសម្រាប់ ការបង្កើនជី និងជីធូលី ដល់អ្នកបង្កើនជី)	Course/វគ្គ	1.50	7.0	9.00	1.50	-	-	10.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.50	-	-	10.50	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.5	Refresher training of trainer on biogas plant, bio-slurry use and management for extension workers (វគ្គបណ្តុះបណ្តាលការបង្កើនជី និងជីធូលីសម្រាប់អ្នកបង្កើនជី និងជីធូលី ដល់អ្នកបង្កើនជី)	Course/វគ្គ	1.50	16.0	6.00	9.00	9.00	-	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.6	Training on composting and its application to farmers and agriculture community (វគ្គបណ្តុះបណ្តាលការបង្កើនជី និងការប្រើប្រាស់ ដល់កសិករនិងសហគមន៍កសិកម្ម)	Training	1.50	41.0	12.00	18.00	18.00	13.50	61.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	61.50	-	-	61.50	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.7	Refresher training on biogas plant and bio-slurry (វគ្គបណ្តុះបណ្តាលសម្រាប់អ្នកប្រើប្រាស់ ឱ្យដំឡើង និងថែទាំឱ្យដំឡើង)	Training	1.50	11.0	1.50	7.50	7.50	-	16.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	16.50	-	-	16.50	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.8	Training on M&E on biodigester and compost hut for PDAFF (វគ្គបណ្តុះបណ្តាលប្រតិបត្តិការ បង្កើនជី និងជីធូលី ដល់បុគ្គលិក PDAFF និងអង្គការដៃគូ)	Training	5.00	2.0	-	-	10.00	-	10.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.00	-	-	10.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.9	National training on biodigester construction techniques and quality control (វគ្គបណ្តុះបណ្តាលជាតិស្តីពីបច្ចេកទេសសង់ និងគុណភាពនៃឱ្យដំឡើង)	Training	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.10	Internal exchange visit on-site on site learning and field practices to EWs, key farmers, potential farmers (ទស្សនកិច្ចនៅទីកន្លែងស្រាវជ្រាវ និងការបង្រៀនស្រាវជ្រាវ និងអង្គការដៃគូ ដល់អ្នកបង្កើនជី, កសិករសំខាន់ៗ និងកសិករ មានសក្តានុពល)	Course/វគ្គ	0.90	25.0	1.80	9.90	6.30	4.50	22.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	22.50	-	-	22.50	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.11	Exchange visit on-site on site learning and field practices to EWs, key farmers, potential farmers (ទស្សនកិច្ចនៅទីកន្លែងស្រាវជ្រាវ និងការបង្រៀនស្រាវជ្រាវ និងអង្គការដៃគូ ដល់អ្នកបង្កើនជី, កសិករសំខាន់ៗ និងកសិករ មានសក្តានុពល)	Exchange Visit	2.50	8.0	-	10.00	2.50	7.50	20.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	20.00	-	-	20.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.12	Research, development, pilot and use of the biodigester and compost hut construction (ការស្រាវជ្រាវ អភិវឌ្ឍន៍ និងការប្រើប្រាស់សម្រាប់បង្កើនជី និងជីធូលី ដល់អ្នកបង្កើនជី និងជីធូលី)	Self/ឈុត	1.50	110.0	82.50	82.50	-	-	165.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	165.00	-	-	165.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.13	Training on quality control and evaluation methods of construction for biodigester and compost hut (វគ្គបណ្តុះបណ្តាលស្តីពីវិធីសាស្ត្រគ្រប់គ្រងគុណភាព និងវាយតម្លៃគុណភាពនៃឱ្យដំឡើង និងជីធូលី)	Training	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.14	Training on costs and benefits analysis of the use of biodigester and compost hut (វគ្គបណ្តុះបណ្តាលស្តីពីការវិនិច្ឆ័យថវិកា និងផលប៉ះពាល់ (Costs and benefits) នៃការប្រើប្រាស់ឱ្យដំឡើង និងជីធូលី)	Training	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.15	Exchange visit and understanding the type of compost hut, application and compost production (ទស្សនកិច្ចនៅទីកន្លែងស្រាវជ្រាវ និងការបង្រៀនស្រាវជ្រាវ និងការបង្កើនជី និងជីធូលី)	Exchange Visit	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.16	Training on compost processing techniques and methods and packaging (វគ្គបណ្តុះបណ្តាលស្តីពីបច្ចេកទេស និងវិធីសាស្ត្រកែច្នៃជី និងជីធូលី និងការបង្កើនជី និងជីធូលី)	Training	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.2.17	Exchange of experiences and visit on integrated farming systems based on biodigester and composting (ទស្សនកិច្ចនៅទីកន្លែងស្រាវជ្រាវ និងការបង្រៀនស្រាវជ្រាវ និងអង្គការដៃគូ ដល់អ្នកបង្កើនជី និងជីធូលី)	Exchange Visit	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
Sub total (សរុបតាមផ្នែក)						416.0	174.45	204.25	119.75	89.85	688.30											-	-	588.30					
1.5.3 Promotion & Marketing (ការផ្សព្វផ្សាយ និងទីផ្សារ)																													
CD	CD	1.5.3.1	Information folders, manuals, booklets and other extension material (កាត់ប្រែសម្រាប់ មាតិកា គ្រឹះស្នាក់នៅ និងសម្ភារៈផ្សព្វផ្សាយផ្សេងៗទៀត)	Lump sum/សរុប	3.50	2.0	-	3.50	-	3.50	7.00	100.0%	0.0%	0.0%	0.0%	0.0%	7.00	-	-	-	-	7.00	-	BIOGAS	MATERIALS-ADB	MAFF-GDAHP	MAFF		
CD	CD	1.5.3.2	Promotion and marketing extension (posters, promotion leaflets and other promotion materials) (ផ្សព្វផ្សាយនិងទីផ្សារ (ផ្សែងប្រកាស ខ្សែបណ្តាញផ្សាយ និងឯកសារផ្សព្វផ្សាយផ្សេងៗ))	Unit/ឯកតា	3.50	2.0	-	3.50	3.50	-	7.00	100.0%	0.0%	0.0%	0.0%	0.0%	7.00	-	-	-	-	7.00	-	BIOGAS	MATERIALS-ADB	MAFF-GDAHP	MAFF		
CD	CD	1.5.3.3	Small group meeting for extension & seeking the interest clients (ការប្រជុំគ្រុមតូចៗសម្រាប់ ការបង្កើនជី និងជីធូលី និងការស្វែងរកអតិថិជនដែលមានចំណាប់អារម្មណ៍)	Meeting/អង្គប្រជុំ	0.15	660.0	24.00	36.00	22.50	16.50	99.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	99.00	-	-	99.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.3.4	Commune & provincial workshops on project dissemination, identification and selection clients (សិក្ខាសាលាស្រុក និងខេត្តស្តីពីការផ្សព្វផ្សាយ ការកំណត់ និងជ្រើសរើសអ្នកបង្កើនជី និងជីធូលី)	Workshop	7.00	4.0	7.00	7.00	7.00	7.00	28.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	28.00	-	-	28.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
PMO	PMO	1.5.3.5	Coordination and monitoring meeting with relevant stakeholders (on marketing mechanism) (ប្រជុំសម្របសម្រួល និងត្រួតពិនិត្យ ជាមួយអ្នកពាក់ព័ន្ធ (យន្តការផ្សព្វផ្សាយ និងទីផ្សារ))	Meeting	0.50	16.0	2.00	2.00	2.00	2.00	8.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	8.00	-	-	8.00	-	BIOGAS	TRAINING	MAFF-GDAHP	MAFF		
CD	CD	1.5.3.6	Promotion signboards (ស៊ីហ្វប៊ូដាក់សម្រាប់ផ្សព្វផ្សាយឱ្យដំឡើង និងជីធូលី)	Unit	0.60	40.0	-	24.00	-	-	24.00	100.0%	0.0%	0.0%	0.0%	0.0%	24.00	-	-	-	-	24.00	-	BIOGAS	MATERIALS-ADB	MAFF-GDAHP	MAFF		
CD	CD	1.5.3.7	Field coaching and mention on promotion and marketing (ការបង្រៀននៅទីកន្លែងស្រាវជ្រាវ និងទីផ្សារ និងការបង្កើនជី និងជីធូលី)	Coaching	0.50	80.0	9.00	10.50	10.50	10.00	40.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	40.00	-	-	40.00	-	BIOGAS	M&E	MAFF-GDAHP	MAFF		
Sub total (សរុបតាមផ្នែក)						804.0	42.00	86.50	45.50	39.00	213.00											-	-	213.00					

Annual Budget 2023 ('000 USD) ឆ្នាំថវិកា ២០២៣
MAFF

Budget Code	Pro. Code	Activity	Unit	Unit Cost ('000 USD)	Total	Cost ('000USD)					Financial Rule					Cost by source of fund ('000USD)					Output	Expenditure Categories	IA						
						Q1	Q2	Q3	Q4	Total	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries									
CD	CD	2.2.3.11	Training and coaching on making business plan on Rice, Cassava, Corn and Mango with AC	Training បណ្តុះបណ្តាល	1.50	8.0	1.50	3.00	3.00	4.50	12.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	12.00	-	-	12.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.3.12	Training and coaching on Internal Audit/Inspection with supervisory committee of AC	Training បណ្តុះបណ្តាល	1.50	8.0	0.00	0.00	6.00	6.00	12.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	12.00	-	-	12.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.3.13	Coaching on Annual Action plan and Financial Plan with AC	Training បណ្តុះបណ្តាល	1.50	8.0	6.00	6.00	0.00	0.00	12.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	12.00	-	-	12.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.3.14	Coaching on Book keeping with AC	Training បណ្តុះបណ្តាល	1.50	8.0	0.00	0.00	6.00	6.00	12.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	12.00	-	-	12.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.3.15	Coaching on Annual report making	Training បណ្តុះបណ្តាល	1.50	8.0	6.00	6.00	0.00	0.00	12.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	12.00	-	-	12.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.3.16	Exchange visit to outstanding ACs (Outside province)	Training បណ្តុះបណ្តាល	2.50	2.0	0.00	0.00	5.00	0.00	5.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	5.00	-	-	5.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.3.17	Training and exchange visit to outstanding ACs	Training បណ្តុះបណ្តាល	8.60	2.0	0.00	0.00	8.60	8.60	17.20	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	17.20	-	-	17.20	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	2.2.3.18	Reflection workshop on progress of management and leadership of ACs	Training បណ្តុះបណ្តាល	6.00	1.0	0.00	0.00	0.00	6.00	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	-	6.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
		2.2.4 Agricultural Technical Extension																											
CD	CD	2.2.4.1	Training on dissemination of integrated farming system techniques	Training បណ្តុះបណ្តាល	7.00	4.0	7.00	7.00	7.00	7.00	28.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	28.00	-	-	28.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.4.2	National training on methods use of economic analysis tool for farmers	Training បណ្តុះបណ្តាល	9.00	4.0	9.00	9.00	9.00	9.00	36.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	36.00	-	-	36.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.4.3	Training on agricultural extension skills for Commune Extension Workers	Training បណ្តុះបណ្តាល	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.4.4	Training and exchange visit on extension of adaptation techniques to climate change	Exchange Visit ទស្សនកិច្ច	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.4.5	Training and exchange visit on extension for innovation and practical of agriculture technical	Exchange Visit ទស្សនកិច្ច	8.50	4.0	8.50	8.50	8.50	8.50	34.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	34.00	-	-	34.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.4.6	Dissemination workshop on advantage of website usage for agricultural information	Workshop វគ្គការណ៍	8.00	3.0	0.00	8.00	8.00	8.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.4.7	Mass Media/video spot on agricultural extension techniques	Video វីដេអូ	6.50	3.0	0.00	6.50	6.50	6.50	19.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	19.50	-	-	19.50	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
CD	CD	2.2.4.8	Extension leaflet on agricultural information	Lump Sum សរុប	0.49	8.0	0.98	0.98	0.98	0.98	3.92	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	3.92	-	-	3.92	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
		Subtotal (សរុបតាមផ្នែក)				249.0	107.48	154.98	150.58	139.58	552.62																		
		Total of Activity 2.2: Strengthening capacity in climate friendly				639.0	283.48	533.68	536.58	305.08	1,658.82																		
		Activity 2.3: Promoting farm mechanization and extension									1,658.82																		
		2.3.1: TRAINING BUILDINGS FOR PADCS /A (1 in 2023) / តារាង ១១.១.៣ អាគារបណ្តុះបណ្តាលសំរាប់មជ្ឈមណ្ឌលអភិវឌ្ឍន៍ផ្នែកកសិកម្មថ្នាក់ខេត្ត (១ អាគារសំរាប់ឆ្នាំ ២០២៣)																											
CW	CW4	2.3.1.1	Lot1: CW4/CFAVC/MAFF/2021/08 Construction of Training Building for Provincial Agriculture Development Center (PADC) at Takeo	Training building	9.43	1.0	-	-	9.43	-	9.43	100.0%	0.0%	0.0%	0.0%	0.0%	9.43	-	-	-	-	9.43	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
CW	CW4	2.3.1.2	Lot2: CW4/CFAVC/MAFF/2021/09 Construction of Training Building for Provincial Agriculture Development Center (PADC) at Tboung Khmum	Training building	9.35	1.0	-	-	9.35	-	9.35	100.0%	0.0%	0.0%	0.0%	0.0%	9.35	-	-	-	-	9.35	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
CW	CW4	2.3.1.3	Lot3: CW4/CFAVC/MAFF/2021/10 Construction of Training Building for Provincial Agriculture Development Center (PADC) at Kampong Cham	Training building	9.61	1.0	-	-	9.61	-	9.61	100.0%	0.0%	0.0%	0.0%	0.0%	9.61	-	-	-	-	9.61	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
CW	CW4	2.3.1.4	Lot4: CW4/CFAVC/MAFF/2023/11 Construction of Training Building for Provincial Agriculture Development Center (PADC) at Kampong Speu	Training building	95.19	0.9	-	-	47.59	38.07	85.67	100.0%	0.0%	0.0%	0.0%	0.0%	85.67	-	-	-	-	85.67	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
		Subtotal (សរុបតាមផ្នែក)				3.9	-	-	75.99	38.07	114.07																		
		2.3.2: MECHANISATION WORKSHOPS FOR TAKEO																											
CW	CW7	2.3.2.1	Lot1: CW7/CFAVC/MAFF/2021/01 Construction of Mechanization Workshops (not including major & minor equipment) & Supervision, Kampong Speu	Unit	62.18	0.1	-	-	6.22	-	6.22	100.0%	0.0%	0.0%	0.0%	0.0%	6.22	-	-	-	-	6.22	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
CW	CW7	2.3.2.2	Lot2: CW7/CFAVC/MAFF/2021/02 Construction of Mechanization Workshops (not including major & minor equipment) & Supervision, Tboung Khmum	Unit	62.18	0.1	-	-	6.22	-	6.22	100.0%	0.0%	0.0%	0.0%	0.0%	6.22	-	-	-	-	6.22	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
CW	CW7	2.3.2.3	Lot3: CW7/CFAVC/MAFF/2021/03 Construction of Mechanization Workshops (not including major & minor equipment) & Supervision, Kampong Cham	Unit	62.18	0.1	-	-	6.22	-	6.22	100.0%	0.0%	0.0%	0.0%	0.0%	6.22	-	-	-	-	6.22	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
CW	CW7	2.3.2.4	Lot5: CW7/CFAVC/MAFF/2023/12 Construction of Mechanization Workshops (not including major & minor equipment) & Supervision, Takeo	Unit	85.54	0.9	-	-	42.77	34.22	76.99	100.0%	0.0%	0.0%	0.0%	0.0%	76.99	-	-	-	-	76.99	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
		Subtotal (សរុបតាមផ្នែក)				0.1	-	-	61.42	34.22	95.64																		
		2.3.3 Other Items of training equipments																											
GD	G4	2.3.3.1	Major Equipment (បរិក្ខារធំៗ)	Unit/ម៉ាស៊ីន	28.01	4.0	-	-	-	-	-	100.0%	0.0%	0.0%	0.0%	0.0%	112.04	-	-	-	-	112.04	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
GD	G4	2.3.3.2	Lathes (ម៉ាស៊ីនត្រឡឹង)	Unit/ម៉ាស៊ីន	21.04	4.0	-	-	84.16	84.16	84.16	100.0%	0.0%	0.0%	0.0%	0.0%	84.16	-	-	-	-	84.16	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
GD	G4	2.3.3.3	Milling machine (ម៉ាស៊ីនកាត់ដេក)	Unit/ម៉ាស៊ីន	14.03	4.0	-	-	56.12	56.12	56.12	100.0%	0.0%	0.0%	0.0%	0.0%	56.12	-	-	-	-	56.12	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
GD	G4	2.3.3.4	Heavy duty lifting gear (ឧបករណ៍លើកទំងន់ធ្ងន់)	Unit/ឧបករណ៍	14.03	4.0	-	-	56.12	56.12	56.12	100.0%	0.0%	0.0%	0.0%	0.0%	56.12	-	-	-	-	56.12	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
GD	G4	2.3.3.5	heavy duty drilling machine (ម៉ាស៊ីនឌុប ប្រើប្រាស់)	Unit/ម៉ាស៊ីន	14.03	4.0	-	-	56.12	56.12	56.12	100.0%	0.0%	0.0%	0.0%	0.0%	56.12	-	-	-	-	56.12	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
GD	G4	2.3.3.6	Shearing machine (ម៉ាស៊ីនកាត់បន្ទះស្រូវ)	Unit/ម៉ាស៊ីន	14.03	4.0	-	-	56.12	56.12	56.12	100.0%	0.0%	0.0%	0.0%	0.0%	56.12	-	-	-	-	56.12	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
GD	G4	2.3.3.7	Other major equipment (បរិក្ខារធំៗផ្សេងៗទៀត)	Unit/បរិក្ខារ	59.62	4.0	-	-	238.48	238.48	238.48	100.0%	0.0%	0.0%	0.0%	0.0%	238.48	-	-	-	-	238.48	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
GD	G4	2.3.3.8	Minor Equipment (បរិក្ខារតូចៗផ្សេងៗទៀត)	Lump sum/សរុប	7.72	4.0	-	-	30.88	30.88	30.88	100.0%	0.0%	0.0%	0.0%	0.0%	30.88	-	-	-	-	30.88	-	MECHANICAL_WORKSHOP	OTHER_INFRA	MAFF-GDA	MAFF		
		Subtotal (សរុបតាមផ្នែក)				28.0	-	-	-	633.92	633.92																		
		2.3.4 Training on landscape restoration (farm mechanization)/a (វគ្គបណ្តុះបណ្តាលស្តីពីការស្រាវជ្រាវការដាំដុះដំណាំ និងការប្រើប្រាស់យន្តកសិកម្ម)																											
CD	CD	2.3.4.1	Training of farmers on O&M of agricultural machinery	Training បណ្តុះបណ្តាល	1.50	16.0	9.00	4.50	7.50	3.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	2.3.4.2	Training of farmers on agriculture production conservation	Training បណ្តុះបណ្តាល	1.50	16.0	3.00	15.00	3.00	3.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	2.3.																											

Annual Budget 2023 ('000 USD) ឆ្នាំថវិកា ២០២៣
MAFF

Budget Code	Pro. Code	Activity	Unit	Unit Cost ('000 USD)	Cost ('000US\$)					Financial Rule					Cost by source of fund ('000US\$)					Output	Expenditure Categories	IA																
					Total	Q1	Q2	Q3	Q4	Total	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries	ADB	GCF Loan	GCF Grant	Gov't					Beneficiaries														
2.3.5 Other Costs of support activities(ការណែនាំសកម្មភាពផ្សេងៗ)																																						
CD	CD	2.3.5.1	On-farm rice seed production demonstration (បង្ហាញផលិតកម្មដុំដុំស្រូវកសិករ)	Demo/ha	0.35	93.0	2.10	15.05	13.30	2.10	32.55	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.55	-	32.55	PM_MAFF	PIC-Variety	MAFF	MAFF													
CD	CD	2.3.5.2	Cassava planting material production demonstration(បង្ហាញផលិតកម្មដុំដុំឆ្ការមីនៅតាមដំណាំកសិករ)	Demo/ha	2.25	35.0	0.00	45.00	33.75	0.00	78.75	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	78.75	-	78.75	PM_MAFF	PIC-Variety	MAFF	MAFF													
CD	CD	2.3.5.3	Maize seed production demonstration (បង្ហាញផលិតកម្មដុំដុំគោក)	Demo/ha	0.50	53.0	4.00	11.00	7.50	4.00	26.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	26.50	-	26.50	PM_MAFF	PIC-Variety	MAFF	MAFF													
CD	CD	2.3.5.4	Field day for rice seed production (ទិវាស្រែបង្ហាញផលិតកម្មដុំដុំស្រូវ)	Field day/ទិវា	1.00	45.0	0.00	5.00	18.00	22.00	45.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	45.00	-	45.00	PM_MAFF	PIC-Variety	MAFF	MAFF													
CD	CD	2.3.5.5	Field day for cassava planting material production (ទិវាស្រែបង្ហាញផលិតកម្មដុំដុំឆ្ការមី)	Field day/ទិវា	1.00	26.0	0.00	4.00	9.00	13.00	26.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	26.00	-	26.00	PM_MAFF	PIC-Variety	MAFF	MAFF													
CD	CD	2.3.5.6	Field day for maize seed production (ទិវាស្រែបង្ហាញផលិតកម្មដុំដុំគោក)	Field day/ទិវា	1.00	15.0	0.00	6.00	4.00	5.00	15.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	15.00	-	15.00	PM_MAFF	PIC-Variety	MAFF	MAFF													
GD	D1a	2.3.5.7	Laser land levelling for (ការគ្រប់គ្រងដីដោយប្រើប្រាស់ប្រព័ន្ធច្នាវាស៊ែរ)	ha/ហិកតា	0.90	1,600.0	376.20	261.90	261.90	540.00	1,440.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	1,440.00	-	1,440.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.8	Land preparation demonstration by Tractor or hand tractor	ha/ហិកតា	0.50	20.0	0.00	8.00	2.00	0.00	10.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.00	-	10.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.9	National reflection workshop on result progress of on-farm rice seed production demonstration (សិក្ខាសាលាផ្តោតលើការវាយតម្លៃលទ្ធផលនៃការធ្វើបង្ហាញផលិតកម្មដុំដុំស្រូវកសិករ)	Workshop សិក្ខាសាលា	6.00	1.0	0.00	0.00	0.00	6.00	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	6.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.10	National reflection workshop on result progress of cassava planting material production demonstration (សិក្ខាសាលាផ្តោតលើការវាយតម្លៃលទ្ធផលនៃការធ្វើបង្ហាញផលិតកម្មដុំដុំឆ្ការមីនៅតាមដំណាំកសិករ)	Workshop សិក្ខាសាលា	6.00	1.0	0.00	0.00	0.00	6.00	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	6.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.11	National reflection workshop on result progress of maize seed production demonstration (សិក្ខាសាលាផ្តោតលើការវាយតម្លៃលទ្ធផលនៃការធ្វើបង្ហាញផលិតកម្មដុំដុំគោក)	Workshop សិក្ខាសាលា	6.00	1.0	0.00	0.00	0.00	6.00	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	6.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.12	Technical training on cassava planting material production demonstration to PDAFF staff (ការបណ្តុះបណ្តាលបច្ចេកទេសដល់បុគ្គលិក PDAFF លើការបង្ហាញផលិតកម្មដុំដុំឆ្ការមី)	Training បណ្តុះបណ្តាល	5.00	1.0	0.00	5.00	0.00	0.00	5.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	5.00	-	5.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.13	Technical training on maize seed production for the demonstration to PDAFF staff (ការបណ្តុះបណ្តាលបច្ចេកទេសដល់បុគ្គលិក PDAFF លើការបង្ហាញផលិតកម្មដុំដុំគោក)	Training បណ្តុះបណ្តាល	5.00	1.0	0.00	5.00	0.00	0.00	5.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	5.00	-	5.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.14	Technical training on cassava planting material production for the demonstration to PDAFF staff (ការបណ្តុះបណ្តាលបច្ចេកទេសដល់បុគ្គលិក PDAFF លើការបង្ហាញផលិតកម្មដុំដុំឆ្ការមី)	Training បណ្តុះបណ្តាល	5.00	1.0	0.00	5.00	0.00	0.00	5.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	5.00	-	5.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.15	Annual CS2, PMU and PPIU staff retreat	Retreat	20.00	1.0	0.00	0.00	20.00	0.00	20.00	100.0%	0.0%	0.0%	0.0%	0.0%	20.00	-	-	-	-	-	-	-														
PMO	PMO	2.3.5.16	Experimental of effectiveness on differences rate of fertilizer and seed used in fragrant rice (ពិសោធន៍ប្រសិទ្ធភាពនៃការប្រើប្រាស់សារធាតុចិញ្ចឹម និងដុំដុំស្រូវផ្សេងៗគ្នាដើម្បីជ្រើសរើសប្រភេទស្រូវ)	ha/ហិកតា	3.00	2.0	0.00	3.00	3.00	0.00	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	6.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.17	Demonstrators on the interrelated technologies to climate smart adaptation on rice production. (បង្ហាញបង្ហាញផលិតកម្មដុំដុំស្រូវបន្តបន្ទាប់គ្នាដើម្បីជ្រើសរើសប្រភេទស្រូវ)	ha/ហិកតា	5.00	4.0	0.00	10.00	10.00	0.00	20.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	20.00	-	20.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.18	Crops diversification demonstrators of soils improvements to climate smart of agriculture. (បង្ហាញផលិតកម្មដុំដុំដំណាំផ្សេងៗគ្នាដើម្បីជ្រើសរើសប្រភេទស្រូវ)	ha/ហិកតា	1.50	16.0	12.00	0.00	12.00	0.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	24.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.19	Multiplications of rice registered seed at GDA rice seed centre to support qualities seeds used by Agricultural Cooperatives (ការបង្កើនដុំដុំស្រូវកសិករដើម្បីគាំទ្រគុណភាពដុំដុំស្រូវកសិករដើម្បីគាំទ្រគុណភាពដុំដុំស្រូវកសិករ)	ha/ហិកតា	5.00	2.0	0.00	5.00	5.00	0.00	10.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.00	-	10.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.20	Field day for crop diversification to famers (ទិវាស្រែបង្ហាញផលិតកម្មដុំដុំដំណាំផ្សេងៗគ្នាដើម្បីជ្រើសរើសប្រភេទស្រូវ)	Field day/ទិវា	1.00	4.0	0.00	4.00	0.00	4.00	8.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	8.00	-	8.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.21	Field day for experimental result of efficiency of fertilizer used to famers (ទិវាស្រែបង្ហាញផលិតកម្មដុំដុំលទ្ធផលនៃការប្រើប្រាស់សារធាតុចិញ្ចឹមដល់កសិករ)	Field day/ទិវា	1.00	1.0	0.00	0.00	1.00	0.00	1.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	1.00	-	1.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.22	Cassava planting material multiplication in net house (ការបង្កើនដុំដុំឆ្ការមីក្នុងផ្ទះបញ្ជី)	ha/ហិកតា	3.00	1.0	3.00	0.00	0.00	0.00	3.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	3.00	-	3.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.23	Healthy planting material of Cassava multiplication (ការបង្កើនដុំដុំឆ្ការមីស្អាតស្អំដើម្បីគាំទ្រគុណភាពដុំដុំឆ្ការមី)	ha/ហិកតា	1.00	4.0	0.00	2.00	2.00	0.00	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	4.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.24	Cassava field day (ទិវាស្រែបង្ហាញផលិតកម្មដុំដុំឆ្ការមី)	Event/ទិវា	1.00	2.0	0.00	0.00	0.00	2.00	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	2.00	-	2.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	2.3.5.25	Crops diversification demonstrators of soils improvements to climate smart of agriculture. (បង្ហាញផលិតកម្មដុំដុំដំណាំផ្សេងៗគ្នាដើម្បីជ្រើសរើសប្រភេទស្រូវ)	Pcs	3.00	16.0	12.00	12.00	12.00	12.00	48.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	48.00	-	48.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
Subtotal (សរុបតាមផ្នែក)						1,894.0	409.30	406.95	420.45	616.10	1,852.80																											
Total of activity 2.3: Promoting farm mechanization and extension						2,069.0	439.30	456.45	613.37	1,347.81	2,856.93																											
OUTPUT 3: Enabling environment for climate smart agribusiness enhanced (លទ្ធផលទី៣: ការធ្វើអោយបរិយាកាសប្រសើរឡើងផ្នែកសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)											2,856.93																											
Activity 3.1: Formulating Climate-Friendly Agri-business Policy and Standards (ការបង្កើតគោលនយោបាយ និងស្តង់ដារ កសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់)																																						
PMO	PMO	3.1.1	Climate Smart Gender Responsive Agribusiness Guideline development (ការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Lump sum សរុប	5.00	3.0	5.00	5.00	5.00	0.00	15.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	15.00	-	15.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	3.1.1.1	Develop the Climate Smart Gender Responsive Agribusiness Guideline development (ការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Meeting/ប្រជុំ	1.00	4.0	2.00	2.00	0.00	0.00	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	4.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	3.1.1.2	Meeting with technical working group on the Climate Smart Gender Responsive Agribusiness Guideline development (ប្រជុំជាមួយក្រុមការងារបច្ចេកទេសលើការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Workshop សិក្ខាសាលា	8.00	2.0	0.00	8.00	8.00	0.00	16.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	16.00	-	16.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	3.1.1.3	Consultation workshop to review the Climate Smart Gender Responsive Agribusiness Guideline development (សិក្ខាសាលាពិគ្រោះយោបល់ ដើម្បីពិនិត្យលទ្ធផលនៃការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Workshop សិក្ខាសាលា	6.00	2.0	0.00	6.00	6.00	6.00	12.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	12.00	-	12.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	3.1.1.4	Dissemination workshop on the Climate Smart Gender Responsive Agribusiness Guideline development (ការបណ្តុះបណ្តាលបច្ចេកទេសលើការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Lump sum/សរុប	2.00	1.0	0.00	0.00	2.00	0.00	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	2.00	-	2.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	3.1.1.5	Publication of the Climate Smart Gender Responsive Agribusiness Guideline development (ការបោះពុម្ព ការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Lump sum/សរុប	3.50	1.0	0.00	0.00	0.00	3.50	3.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	3.50	-	3.50	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
Subtotal (សរុបតាមផ្នែក)						13.0	7.00	15.00	21.00	9.50	52.50																											
PMO	PMO	3.1.2	Climate Smart Agriculture (CSA) and Sustainable Rice Platform (SRP) Manual Development (ការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Lump sum សរុប	5.00	9.0	15.00	15.00	15.00	-	45.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	45.00	-	45.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	3.1.2.1	Develop the Climate Smart Agriculture (CSA) Manual on Rice, Cassava and Maize (ការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Meeting/ប្រជុំ	1.00	9.0	3.00	3.00	3.00	-	9.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	9.00	-	9.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	3.1.2.2	Meeting with technical working group on climate smart agriculture manual (ប្រជុំជាមួយក្រុមការងារបច្ចេកទេសលើការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករ)	Workshop សិក្ខាសាលា	8.00	6.0	-	24.00	24.00	-	48.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	48.00	-	48.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF													
PMO	PMO	3.1.2.3	Consultation workshop to review the Climate Smart Agriculture (CSA) Manual on Rice, Cassava and Maize (សិក្ខាសាលាពិគ្រោះយោបល់ ដើម្បីពិនិត្យលទ្ធផលនៃការអភិវឌ្ឍន៍គោលការណ៍ណែនាំអំពីកសិករដើម្បីគាំទ្រកសិករដោយស្របច្បាប់ និងស្តង់ដារសេដ្ឋកិច្ចដើម្បីគាំទ្រកសិករ)	Workshop សិក្ខាសាលា	6.00	6.0	-	18.00	18.00	-	36.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	36.00	-	36.00	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA														

Annual Budget 2023 ('000 USD) ឆ្នាំថវិកា ២០២៣
MAFF

Budget Code	Pro. Code	Activity	Unit	Unit Cost ('000 USD)	Total	Cost ('000US\$)					Financial Rule					Cost by source of fund ('000US\$)					Output	Expenditure Categories	IA							
						Q1	Q2	Q3	Q4	Total	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries										
PMO	PMO	3.1.2.9	Translation the endorse technical standard of SRP (ការបញ្ជូន លើករណីធានាបច្ចេកទេស) លើករណីធានាបច្ចេកទេស	Lump sum	2.00	1.0	-	-	2.00	-	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	2.00	-	-	2.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.2.10	Publication the technical standard of SRP (ការបញ្ជូន លើករណីធានាបច្ចេកទេស) លើករណីធានាបច្ចេកទេស	Lump sum	3.50	1.0	-	-	3.50	-	3.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	3.50	-	-	3.50	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.2.11	National workshop to collect the input for preparation of GAP and Organic Rice Standards (សិក្ខាសាលាជាតិដើម្បីរៀបចំការយកចិត្តទុកដាក់លើការរៀបចំគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ជាតិ	Workshop/ សិក្ខាសាលា	8.00	1.0	8.00	-	-	-	8.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	8.00	-	-	8.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.2.12	Develop the draft guideline on GAP and Organic rice production (ការរៀបចំគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) បច្ចេកទេស	Meeting/ ប្រជុំ	1.00	3.0	1.00	2.00	-	-	3.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	3.00	-	-	3.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.2.13	Consultation workshop to review the guideline on GAP and Organic rice production (សិក្ខាសាលាប្រជុំដើម្បីពិនិត្យលើគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) បច្ចេកទេស	Workshop/ សិក្ខាសាលា	5.00	1.0	-	-	5.00	-	5.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	5.00	-	-	5.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.2.14	Dissemination workshop on the GAP and Organic rice guidelines (សិក្ខាសាលាផ្សព្វផ្សាយលើគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) បច្ចេកទេស	Workshop/ សិក្ខាសាលា	6.00	1.0	-	-	6.00	-	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	-	6.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
Subtotal (សរុបតាមផ្នែក)						47.0	28.00	45.00	99.00	18.00	190.00																			
PMO	PMO	3.1.3	Crop insurance guidance for enabling the environment of a climate-risk sharing mechanism (ស្តង់ដារការធានារ៉ាប់រងសម្រាប់ប្រយោជន៍ប្រយោជន៍ លើករណីធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង																											
PMO	PMO	3.1.3.1	Develop the guidance of crop insurance (ការរៀបចំគោលការណ៍ធានា អំពីការធានារ៉ាប់រងដំណាំ) ធានារ៉ាប់រង	Lump sum	5.00	3.0	5.00	5.00	5.00	-	15.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	15.00	-	-	15.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.3.2	Meeting with technical working group on the guidance of crop insurance (ប្រជុំជាមួយ ក្រុមការងារបច្ចេកទេសលើករណីធានា ធានារ៉ាប់រងដំណាំ) ធានារ៉ាប់រង	Meeting/ប្រជុំ	1.00	4.0	2.00	2.00	-	-	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	-	4.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.3.3	Consultation workshop to review the guidance of crop insurance (សិក្ខាសាលាពិគ្រោះ យោបល់ លើគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រងដំណាំ	Workshop សិក្ខាសាលា	8.00	2.0	-	8.00	8.00	-	16.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	16.00	-	-	16.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.3.4	Dissemination workshop on the guidance of crop insurance (សិក្ខាសាលាផ្សព្វផ្សាយលើគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រងដំណាំ	Workshop សិក្ខាសាលា	6.00	2.0	-	6.00	6.00	-	12.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	12.00	-	-	12.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.3.5	Translation of the guidance of crop insurance (ការបញ្ជូន គោលការណ៍ធានា ធានារ៉ាប់រងដំណាំ) ធានារ៉ាប់រង	Lump sum/សរុប	2.00	1.0	-	-	2.00	-	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	2.00	-	-	2.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.3.6	Publication of the guidance of crop insurance (ការបញ្ជូន គោលការណ៍ធានា ធានារ៉ាប់រងដំណាំ) ធានារ៉ាប់រង	Lump sum/សរុប	3.50	1.0	-	-	3.50	-	3.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	3.50	-	-	3.50	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
Subtotal (សរុបតាមផ្នែក)						13.0	7.00	15.00	21.00	9.50	62.50																			
PMO	PMO	3.1.4	Cambodia Industrial Development Policy (IDP) and Agro-Industrial Development Strategies (AIDS) for climate-friendly agribusiness (គោលនយោបាយ/យុទ្ធសាស្ត្រ និងយុទ្ធសាស្ត្រសម្រាប់អភិវឌ្ឍន៍ឧស្សាហកម្ម និងឧស្សាហកម្មសម្រាប់កសិកម្មសម្រាប់ប្រយោជន៍ប្រយោជន៍) ធានារ៉ាប់រង																											
PMO	PMO	3.1.4.1	Dissemination workshop with stakeholders on Cambodia industrial development policy for climate-friendly agribusiness (សិក្ខាសាលាផ្សព្វផ្សាយជាមួយអ្នករៀនសូត្រលើគោលនយោបាយ/យុទ្ធសាស្ត្រ និងយុទ្ធសាស្ត្រសម្រាប់អភិវឌ្ឍន៍ឧស្សាហកម្មសម្រាប់ប្រយោជន៍ប្រយោជន៍) ធានារ៉ាប់រង	Workshop/ សិក្ខាសាលា	6.00	4.0	6.00	6.00	6.00	6.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.4.2	Dissemination workshop with stakeholders on Agro-Industrial Development Strategies for climate-friendly agribusiness (សិក្ខាសាលាផ្សព្វផ្សាយជាមួយអ្នករៀនសូត្រលើយុទ្ធសាស្ត្រ និងយុទ្ធសាស្ត្រសម្រាប់អភិវឌ្ឍន៍ឧស្សាហកម្មសម្រាប់ប្រយោជន៍ប្រយោជន៍) ធានារ៉ាប់រង	Workshop/ សិក្ខាសាលា	6.00	4.0	6.00	6.00	6.00	6.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.4.3	Publication of the Agro-Industrial Development Strategies for climate-friendly agribusiness (ការបញ្ជូន យុទ្ធសាស្ត្រ និងយុទ្ធសាស្ត្រសម្រាប់អភិវឌ្ឍន៍ឧស្សាហកម្មសម្រាប់ប្រយោជន៍ប្រយោជន៍) ធានារ៉ាប់រង	Lump sum សរុប	3.50	1.0	-	-	3.50	-	3.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	3.50	-	-	3.50	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
Subtotal (សរុបតាមផ្នែក)						9.0	12.00	12.00	15.50	12.00	61.50																			
PMO	PMO	3.1.5	Biofertiliser Standards Development (ស្តង់ដារស្តង់ដារ លើករណីធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង																											
PMO	PMO	3.1.5.1	Meetings with technical committees of biofertilizer and biopesticide (ប្រជុំជាមួយគណៈកម្មការបច្ចេកទេសលើករណីធានា ធានារ៉ាប់រង និងស្តង់ដារ) ធានារ៉ាប់រង	Meeting/អង្គប្រជុំ	1.00	4.0	-	2.00	2.00	-	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	-	4.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
PMO	PMO	3.1.5.2	Conduct public consultation workshop with stakeholders to review drafted biofertilizer and biopesticide standard specification (ការធ្វើការប្រជុំជាមួយអ្នករៀនសូត្រលើការពិនិត្យលើគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Workshop សិក្ខាសាលា	6.00	1.0	-	-	6.00	-	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	-	6.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
PMO	PMO	3.1.5.3	Translation and publication of IDP Strategy (ការបញ្ជូន និងចេញផ្សាយស្តង់ដារយុទ្ធសាស្ត្រ) ធានារ៉ាប់រង	Lump sum សរុប	8.00	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
Subtotal (សរុបតាមផ្នែក)						5.0	-	2.00	8.00	-	10.00																			
PMO	PMO	3.1.6	Tropical Fruit CAMGAP Standards reviewing and development (ការពិនិត្យលើគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង																											
PMO	PMO	3.1.6.1	Develop the standard guideline of CAMGAP (ការរៀបចំគោលការណ៍ធានា អំពីគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Lump sum សរុប	5.00	2.0	5.00	5.00	-	-	10.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.00	-	-	10.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.6.2	Meetings with technical working group of CamGAP (ប្រជុំជាមួយក្រុមការងារបច្ចេកទេសលើករណីធានា ធានារ៉ាប់រង) ធានារ៉ាប់រង	Meeting/អង្គប្រជុំ	1.00	4.0	2.00	2.00	-	-	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	-	4.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
PMO	PMO	3.1.6.3	Provincial Meetings with relevant stakeholders to share experiences about lesson learnts on CAMGAP (កិច្ចប្រជុំជាមួយភាគីពាក់ព័ន្ធលើករណីធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Meeting ប្រជុំ	0.50	4.0	0.50	0.50	0.50	0.50	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	2.00	-	-	2.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.6.4	Conduct public consultation workshop with stakeholders to review and endorsement of CamGAP (សិក្ខាសាលាពិគ្រោះយោបល់ជាមួយអ្នករៀនសូត្រលើគោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Workshop សិក្ខាសាលា	8.00	2.0	-	8.00	8.00	-	16.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	16.00	-	-	16.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF	MAFF		
PMO	PMO	3.1.6.5	Workshop on Dissemination and Compliance of CAMGAP (IA Project, Public and Private Stakeholders) (សិក្ខាសាលាផ្សព្វផ្សាយ និងការអនុវត្តស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Workshop សិក្ខាសាលា	6.00	1.0	-	-	6.00	-	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	-	6.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.6.6	Translation of CAMGAP the endorse manual of CamGAP (ការបញ្ជូន គោលការណ៍ធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Lump Sum សរុប	2.00	1.0	-	-	2.00	-	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	2.00	-	-	2.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.6.7	Public the Specific Crop on Good Agricultural Practice on CamGAP (ការចេញផ្សាយលើករណីធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Lump Sum សរុប	4.00	1.0	-	4.00	-	-	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	-	4.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.6.8	Farm Inspection, Auditing and Collection Simple (Testing Products) (ការពិនិត្យ ការត្រួតពិនិត្យ និង ការប្រមូលផលិតផល) ធានារ៉ាប់រង	Trip/Field Visit	2.60	3.0	-	2.60	2.60	2.60	7.80	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	7.80	-	-	7.80	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.6.9	Activity 1: Training of farmers on CamGAP practice and standard compliant for fruit crop-Mang (សកម្មភាពទី១: បណ្តុះបណ្តាលកសិករលើការអនុវត្តស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Training បណ្តុះបណ្តាល	1.50	8.0	3.00	3.00	3.00	3.00	12.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	12.00	-	-	12.00	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.6.10	Activities 2: Support/Follow up CamGAP Demonstration (សកម្មភាពទី ២: គាំទ្រ/តាមដានការបង្ហាញសិក្ខាសាលា) ធានារ៉ាប់រង	Trip/Field Visit ទស្សនកិច្ច	2.10	1.0	-	2.10	-	-	2.10	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	2.10	-	-	2.10	-	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.1.6.11	Activities 3: Training on Inspection and Certification on Good Agricultural Practices (CamGAP) (សកម្មភាពទី៣: បណ្តុះបណ្តាលលើការពិនិត្យ និងបញ្ជាក់លើករណីធានាបច្ចេកទេស និងស្តង់ដារសិក្ខាសាលា) ធានារ៉ាប់រង	Training បណ្តុះបណ្តាល	1.60	1.0	-	1.60																						

Annual Budget 2023 ('000 USD) ឆ្នាំថវិកា ២០២៣
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Budget Code	Pro. Code	Activity	Unit	Unit Cost ('000 USD)	Total	Cost ('000USD)					Financial Rule					Cost by source of fund ('000USD)					Output	Expenditure Categories	IA						
						Total	Q1	Q2	Q3	Q4	Total	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries	ADB	GCF Loan	GCF Grant	Gov't					Beneficiaries				
PMO	PMO	3.2.1.3	Dessemination workshop on climate finance landscape and key stakeholder analysis (សិក្ខាសាលាជូនដំណឹងអំពីបរិបទហិរញ្ញវត្ថុសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Workshop	5.00	1.0	-	-	5.00	-	5.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	5.00	-	-	5.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.4	Select potential bank/MFI staff to attend the training program (ជ្រើសរើសបុគ្គលិកធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ដើម្បីចូលរួមក្នុងការបណ្តុះបណ្តាល)	Workshop	5.00	1.0	-	-	5.00	-	5.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	5.00	-	-	5.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.5	Meeting to design a training program for financial institutions including banks/MFIs to understand environmental and climate screening criteria and to evaluate loans against these criteria (ប្រជុំប្រតិភូដើម្បីរៀបចំការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ដើម្បីយល់ពីបរិបទហិរញ្ញវត្ថុ និងការវាយតម្លៃហានិភ័យ)	Meeting	1.00	2.0	-	1.00	1.00	-	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	2.00	-	-	2.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.6	Training on green financing for commercial banks and microfinance institutions in targeted areas (គ្រូបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ក្នុងតំបន់គោលដៅ)	Meeting	3.00	3.0	-	3.00	6.00	-	9.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	9.00	-	-	9.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.7	Climate safe screening criteria will be developed (រៀបចំប្រព័ន្ធគ្រប់គ្រងហានិភ័យសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	2.00	3.0	-	4.00	2.00	-	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	-	6.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.8	Conduct field visits with banks to review potential green financing projects (រៀបចំទស្សនកិច្ចសិក្សាជាមួយធនាគារដើម្បីពិនិត្យគម្រោងហិរញ្ញវត្ថុសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Visit	3.00	2.0	-	3.00	3.00	-	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.00	-	-	6.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.9	Conduct overseas study tour on green financing (ទស្សនកិច្ចសិក្សាប្រទេសក្រៅប្រទេសស្តីពីហិរញ្ញវត្ថុសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Visit	30.00	2.0	-	30.00	-	-	30.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	30.00	-	-	30.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.10	Meeting to establish an agricultural supply chain adaptation facility, in which a partner financial institution (e.g., Rural Development Bank which is being encouraged to lend to cooperatives) can share some of the contract farmers' credit risk through first-loss guarantee. (ប្រជុំប្រតិភូដើម្បីបង្កើតមជ្ឈមណ្ឌលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ដើម្បីជួយធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ក្នុងការចែករំលែកហានិភ័យឥណទានដល់សហគមន៍កសិកម្ម និងវិស័យកសិកម្មដទៃទៀត តាមរយៈការធានារ៉ាប់រងដំបូង)	Meeting	1.00	4.0	-	-	2.00	2.00	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	-	4.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.11	Meeting on climate smart lending platform and value chain financing options such as warehouse receipt financing scheme may also be considered. (ប្រជុំប្រតិភូសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ដើម្បីពិចារណាអំពីប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Meeting	1.00	4.0	-	-	2.00	2.00	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	-	4.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.12	Design a training program for agribusiness to understand green finance and CSA (រៀបចំការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ដើម្បីយល់ពីហិរញ្ញវត្ថុសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Meeting	2.00	5.0	-	2.00	4.00	4.00	10.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.00	-	-	10.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.13	Meeting to select potential agribusiness to attend the training program (ជ្រើសរើសកសិករដើម្បីចូលរួមក្នុងការបណ្តុះបណ្តាល)	Meeting	0.20	4.0	-	-	0.40	0.40	0.80	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	0.80	-	-	0.80	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	PMO	3.2.1.14	Conduct training for agribusiness on green finance and CSA (បណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	2.00	2.0	-	-	4.00	4.00	4.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	4.00	-	-	4.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.15	Training on cause and impact of climate change to PDAFF, Bank and MFI (គ្រូបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	5.00	2.0	5.00	5.00	-	-	10.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.00	-	-	10.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.16	National training on Climate Change and Green Financing to provincial bank/MFI, PDAFF and Agriculture Community (គ្រូបណ្តុះបណ្តាលជាតិសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.17	Workshop on climate smart lending platform and value chain financing options such as warehouse receipt financing scheme may also be considered. (សិក្ខាសាលាសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ដើម្បីពិចារណាអំពីប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Workshop	8.00	4.0	8.00	8.00	8.00	8.00	32.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	32.00	-	-	32.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.18	Training on Sustainable Financing and Agri-business for PDAFF staff (គ្រូបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	5.00	2.0	5.00	5.00	-	-	10.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.00	-	-	10.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.19	Training on Green Business Development for PDAFF, Bank and MFI (គ្រូបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	5.00	2.0	5.00	5.00	-	-	10.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	10.00	-	-	10.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.20	Awareness Raising on Green Project Development and access to Green Climate Fund (ការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Meeting	0.50	128.0	16.00	16.00	16.00	16.00	64.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	64.00	-	-	64.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.21	Dissemination meeting on Climate Change and Climate Smart Agriculture for AC, Agribusiness (ប្រជុំប្រតិភូសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Meeting	0.50	86.0	10.50	10.50	11.00	11.00	43.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	43.00	-	-	43.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.22	Workshop on Awareness Raising on Climate Risk and Crop insurance (សិក្ខាសាលាសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Workshop	6.00	4.0	6.00	6.00	6.00	6.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.23	Overseas study tour on green financing (ទស្សនកិច្ចសិក្សាប្រទេសក្រៅប្រទេសស្តីពីហិរញ្ញវត្ថុសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Study tour	35.00	1.0	-	35.00	-	-	35.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	35.00	-	-	35.00	-	CAPACITY_STRENGTHENING	TRAINING	MAFF-GDA	MAFF		
Subtotal GF (សរុបតម្លៃ)						47.0	64.50	142.50	80.80	62.80	350.60																		
3.2.2 PPP Initiatives for Agribusiness (ការផ្តល់ជំនួយសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ដើម្បីជួយធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ ក្នុងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)																													
PMO	PMO	3.2.1.1	PPP feasibility studies (ការពិនិត្យហិរញ្ញវត្ថុសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Study	10.00	4.0	-	20.00	20.00	-	40.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	40.00	-	-	40.00	-	GREEN_FINANCING	STUDIES	MAFF-GDA	MAFF		
CD	CD	3.2.1.2	Crop-centric forums for rice, cassava, maize, and other specific crops (ការប្រជុំប្រតិភូសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Forum	9.00	8.0	18.00	18.00	18.00	18.00	72.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	72.00	-	-	72.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
CD	CD	3.2.1.3	Business forum on rice, cassava, and other specific crop commodities (with input suppliers, producers, traders/buyers or collectors) (ការប្រជុំប្រតិភូសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Forum	5.00	3.0	-	5.00	10.00	-	15.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	15.00	-	-	15.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	CD	3.2.1.4	TOT Training on Producer Group Establishing Guideline to AC Committee (គ្រូបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	1.50	16.0	15.00	9.00	-	-	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	24.00	-	-	24.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	CD	3.2.1.5	Establish producer group links with rice millers and producer group of Cassava, Maize and Mango links with traders (បង្កើតទំនាក់ទំនងរវាងក្រុមហ៊ុនធុនតូច និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Meeting	1.20	45.0	10.80	13.20	15.60	14.40	54.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	54.00	-	-	54.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	CD	3.2.1.6	TOT on Producers' group guideline and formation procedures (គ្រូបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	6.60	1.0	6.60	-	-	-	6.60	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.60	-	-	6.60	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	CD	3.2.1.7	TOT on warehouse operation and maintenance committee formation concepts and procedure (គ្រូបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Training	6.60	1.0	6.60	-	-	-	6.60	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	6.60	-	-	6.60	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF		
PMO	CD	3.2.1.8	Establish and organize a community warehouse management and maintenance committee (បង្កើត និងចងក្រងគណៈកម្មាធិការគ្រប់គ្រង និងថែទាំម្ចាស់សហគមន៍) (គ្រូបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ លើប្រព័ន្ធគ្រប់គ្រងហានិភ័យ និងការបណ្តុះបណ្តាលសម្រាប់ធនាគារ និងអ្នកផ្តល់សេវាហិរញ្ញវត្ថុ)	Group	0.50	55.0	10.00																						

Annual Budget 2023 ('000 USD) ឆ្នាំ ២០២៣
MAFF

Budget Code	Pro. Code	Activity	Unit	Unit Cost ('000 USD)	Total	Cost ('000US\$)				Total	Financial Rule					Cost by source of fund ('000US\$)					Output	Expenduer Categories	IA							
						Q1	Q2	Q3	Q4		ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries										
PMO	PMO	3.2.1.21	Organize in-country exchange visit (for provincial trainers and ACs' leaders) to expand experience in value chains management within an AC.	Visit	8.00	1.0	-	-	8.00	-	8.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	8.00	-	-	8.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.1.22	Consultation workshop on a draft of MAFF's proclamation/Prakas on Procedures for the Amalgamation of Agricultural Cooperatives (Article 82 of AC law)	Workshop	6.00	4.0	-	24.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	24.00	-	-	24.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.1.23	Technical meeting on a draft of MAFF's proclamation/Prakas on Procedures for the Amalgamation of Agricultural Cooperatives (Article 82 of AC law)	Meeting	1.00	4.0	-	2.00	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	2.00	-	-	2.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.1.24	Develop a draft of MAFF's proclamation/Prakas on Procedures for the Amalgamation of Agricultural Cooperatives (Article 82 of AC law)	Lump sum	6.00	1.0	-	-	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	6.00	-	-	6.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.1.25	Review workshop on a draft of MAFF's proclamation/Prakas on Procedures for the Amalgamation of Agricultural Cooperatives (Article 82 of AC law)	Workshop	6.00	4.0	-	24.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	24.00	-	-	24.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.1.26	Consultation workshop on a draft of MAFF's proclamation/Prakas on Procedures for the Liquidation of Agricultural Cooperatives (Article 75 of AC law)	Workshop	6.00	4.0	-	24.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	24.00	-	-	24.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.1.27	Technical meeting on a draft of MAFF's proclamation/Prakas on Procedures for the Liquidation of Agricultural Cooperatives (Article 75 of AC law)	Meeting	1.00	4.0	-	2.00	2.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	4.00	-	-	4.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.1.28	Develop a draft of MAFF's proclamation/Prakas on Procedures for the Liquidation of Agricultural Cooperatives (Article 75 of AC law)	Lump sum	6.00	1.0	-	-	6.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	6.00	-	-	6.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.1.30	Review workshop on a draft of MAFF's proclamation/Prakas on Procedures for the Liquidation of Agricultural Cooperatives (Article 75 of AC law)	Workshop	6.00	4.0	-	24.00	24.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	24.00	-	-	24.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
Subtotal - សរុបការងារផ្នែក						283.0	116.10	177.30	187.60	99.40	580.40																			
3.2.3 Establish producer group of Rice, Cassava, Maize and Mango links with rice millers and traders (បង្កើតក្រុមផលិតករស្រូវ គ្រុមផលិតករដំឡូងមី ដំឡើងស្រូវ និងដំឡើងម្នាយ គ្រាប់ដំឡើង រោងចក្រស្រួតស្រូវ និងតាមដាន)																														
PMO	PMO	3.2.3.1	ប្រជុំផ្សព្វផ្សាយ ពីគោលការណ៍ និងការបង្កើតក្រុមផលិតករ	Meeting	0.80	55.0	8.00	12.00	12.00	12.00	44.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	44.00	-	-	44.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.3.2	ប្រជុំការបង្កើតក្រុមផលិតករ និងផែនការប្រតិបត្តិការផលិតករ	Meeting	0.50	55.0	5.00	7.50	7.50	7.50	27.50	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	27.50	-	-	27.50	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.3.3	ប្រជុំការបង្កើតក្រុមផលិតករ ជាមួយអ្នកលក់ដាច់ខាត ម្ចាស់ប្រមូលទិន្នន័យ និងស្ថាប័នបរិញ្ញាបត្រ	Meeting	0.80	55.0	8.00	12.00	12.00	12.00	44.00	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	44.00	-	-	44.00	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
PMO	PMO	3.2.3.4	Provide technical support and follow up the producer group establishment, warehouse operation, maintenance set-up and other technical support for Agriculture Cooperative	Followup	2.60	8.0	5.20	5.20	5.20	5.20	20.80	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	20.80	-	-	20.80	-	GREEN_FINANCING	TRAINING	MAFF-GDA	MAFF			
Subtotal - PPP (សរុបការងារផ្នែក)						173.0	26.20	36.70	36.70	36.70	136.30																			
Total of activity 3.2: Promoting green finance and risk sharing mechanism						503.0	206.80	356.50	305.10	198.90	1,067.30																			
Activity 3.3: Supporting climate risk management through Information and Communication Technologies (ICT) លទ្ធផលទី៣: សកម្មភាព ៣.៣ ការគាំទ្រការគ្រប់គ្រងហានិភ័យអាកាសធាតុតាមរយៈបច្ចេកវិទ្យាទំនាក់ទំនងនិងព័ត៌មាន											1,067.30																			
1 Infrastructure (ហេដ្ឋារចនាសម្ព័ន្ធ)																														
GD	G7	3.3.1.1	ICT (Including: Infrastructure, Software development, Training, workshops and Demonstrations, Policies and standards, Consultants, Office operations and support costs)	package	3,502	0.1	-	-	-	350.21	350.21	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	350.21	-	-	350.21	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.1.2	Kiosks (Desktops/Laptops) / Kiosks (កុំព្យូទ័រលើតុ / កុំព្យូទ័រលើដៃ)		8.75	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.1.3	Internet services (សេវាកម្មអ៊ីនធឺណិត)		12.60	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.1.4	Mobile to field task team (ការគាំទ្រក្រុមការងារចុះមូលដ្ឋាន)		2.05	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.1.5	Internet services to field task team (ការផ្តល់សេវាកម្មអ៊ីនធឺណិតសំរាប់ក្រុមការងារ)		0.20	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
Subtotal (សរុបការងារផ្នែក)						0.1				350.21	350.21																			
2 Software development (ការបង្កើតអោយមានកម្មវិធីស្នូល)																														
GD	G7	3.3.2.1	Mobile app/Web app (កម្មវិធីទូរស័ព្ទលើតុ / គេហទំព័រ)	lump sum/សរុប	77.50	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.2.2	Third party integration interfaces (ចំណុចភ្ជាប់ទាក់ស៊ងគ្នាជាមួយកម្មវិធីផ្សេងទៀត)	lump sum/សរុប	87.50	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.2.3	Open source support cost (ការចំណាយថ្លៃគាំទ្រប្រកបដោយបើកចំហ)	lump sum/សរុប	45.00	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
Subtotal (សរុបការងារផ្នែក)																														
3 Material and supplies																														
GD	G7	3.3.3.1	Mobile quality testing vans (soil and rice)		-	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.3.2	Field task team		-	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
Subtotal (សរុបការងារផ្នែក)																														
4 Set-up model farm for precise farming																														
GD	G7	3.3.4.1	Drone		-	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.4.2	Sensor		-	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.4.3	Satellite imagery		-	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
GD	G7	3.3.4.4	Smart irrigation system		-	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	EQUIPMENT-ICT	MAFF-GDA	MAFF			
Subtotal (សរុបការងារផ្នែក)																														
Subtotal G7 (សរុប)						0.1				350.21	350.21																			
CS	CS4	5	Information and Communication Technologies (ICT)	Package	1,751.07	0.2	-	-	175.11	175.11	350.21	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	350.21	-	-	350.21	-	ICT	PIC-ICT	MAFF-GDA	MAFF			
CS	CS4	5	Studies, survey and design									0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	PIC-ICT	MAFF-GDA	MAFF			
CS	CS4	5	Pilot studies and survey									0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	PIC-ICT	MAFF-GDA	MAFF			
Subtotal (សរុបការងារផ្នែក)						0.2			175.11	175.11	350.21																			
6 Training, workshops and Demonstrations																														
CS	CS4	3.3.6.1	Advocacy campaigns (ការផ្សព្វផ្សាយដើម្បីជំរុញការគាំទ្រ)	lump sum/សរុប	2.50	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	PIC-ICT	MAFF-GDA	MAFF			
CS	CS4	3.3.6.2	Training workshop	lump sum/សរុប	91.00	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	PIC-ICT	MAFF-GDA	MAFF			
CS	CS4	3.3.6.3	Training manuals and content creation	lump sum/សរុប	4.55	-	-	-	-	-	-	0.0%	0.0%	100.0%	0.0%	0.0%	-	-	-	-	-	-	-	ICT	PIC-ICT	MAFF-GDA	MAFF			
Subtotal (សរុបការងារផ្នែក)																														
7 ICT Policies and Data Exchange Standards (ការអនុវត្តនីតិវិធីនិងស្តង់ដារ)																														
CS	CS4	3.3.7.1	Policies to support adoption of the ICT platform	lump sum/																										

Annual Budget 2023 ('000 USD) ឆ្នាំសកម្ម ២០២៣
MAFF

Budget Code	Pro. Code	Unit ឯកតា	Unit Cost ('000 USD) តម្លៃឯកតា	Cost ('000US\$)					Financial Rule					Cost by source of fund ('000US\$)					Output	Expenduer Categories	IA					
				Total	Q1	Q2	Q3	Q4	Total	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries	ADB	GCF Loan	GCF Grant	Gov't				Beneficiaries				
D. CS5 Feasibility Studies and Detailed Engineering Design				OK																						
D1. Remuneration (ការផ្តល់សំណង ប្រាក់កម្រៃ)																										
1. International Key Experts (អ្នកជំនាញការងារអន្តរជាតិពេញម៉ោង)																										
CS	CS5	Team Leader/Irrigation Design Engineer	month/ខែ	17.00	5.5	25.50	25.50	25.50	17.00	93.50	100.0%	0.0%	0.0%	0.0%	0.0%	93.50	-	-	-	-	93.50	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
CS	CS5	ប្រធានគម្រោង / វិទ្យាសាស្ត្រប្រធានគម្រោង	month/ខែ	17.00	5.5	25.50	25.50	25.50	17.00	93.50	100.0%	0.0%	0.0%	0.0%	0.0%	93.50	-	-	-	-	93.50	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
CS	CS5	Agriculture Economist	month/ខែ	18.90	2.8	13.23	13.23	13.23	18.90	52.92	100.0%	0.0%	0.0%	0.0%	0.0%	52.92	-	-	-	-	52.92	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
CS	CS5	លេខាធិការសេដ្ឋកិច្ចកសិកម្ម	month/ខែ	18.90	2.8	13.23	13.23	13.23	18.90	52.92	100.0%	0.0%	0.0%	0.0%	0.0%	52.92	-	-	-	-	52.92	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
2. International non-Key Experts (អ្នកជំនាញការងារអន្តរជាតិមិនពេញម៉ោងការងារ)																										
CS	CS5	Hydrologist	month/ខែ	13.50	1.3	17.15	-	-	-	17.15	100.0%	0.0%	0.0%	0.0%	0.0%	17.15	-	-	-	-	17.15	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
CS	CS5	អ្នកជំនាញអន្តរជាតិមិនពេញម៉ោងការងារ	month/ខែ	13.50	1.3	17.15	-	-	-	17.15	100.0%	0.0%	0.0%	0.0%	0.0%	17.15	-	-	-	-	17.15	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
CS	CS5	Environmental Safeguards Specialist	month/ខែ	13.50	1.1	14.58	-	-	-	14.58	100.0%	0.0%	0.0%	0.0%	0.0%	14.58	-	-	-	-	14.58	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែកសុវត្ថិភាពបរិស្ថាន	month/ខែ	13.50	1.1	14.58	-	-	-	14.58	100.0%	0.0%	0.0%	0.0%	0.0%	14.58	-	-	-	-	14.58	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
CS	CS5	Social Safeguards Specialist	month/ខែ	13.50	1.3	17.82	-	-	-	17.82	100.0%	0.0%	0.0%	0.0%	0.0%	17.82	-	-	-	-	17.82	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែកសុវត្ថិភាពសង្គម	month/ខែ	13.50	1.3	17.82	-	-	-	17.82	100.0%	0.0%	0.0%	0.0%	0.0%	17.82	-	-	-	-	17.82	-	PM_MAFF	PIC-Tech-Intl	MAFF	MAFF
3. National Experts - Reporting to MOWRAM (អ្នកជំនាញការងារជាតិ-បម្រើការងារស្របច្បាប់)																										
CS	CS5	Irrigation Design Engineer/DTL	month/ខែ	3.88	8.0	11.64	11.64	7.76	-	31.04	100.0%	0.0%	0.0%	0.0%	0.0%	31.04	-	-	-	-	31.04	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	វិទ្យាសាស្ត្រប្រធានគម្រោង / អនុប្រធានគម្រោង	month/ខែ	3.88	8.0	11.64	11.64	7.76	-	31.04	100.0%	0.0%	0.0%	0.0%	0.0%	31.04	-	-	-	-	31.04	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Hydrologist	month/ខែ	3.78	1.0	3.78	-	-	-	3.78	100.0%	0.0%	0.0%	0.0%	0.0%	3.78	-	-	-	-	3.78	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អនុប្រធានគម្រោង	month/ខែ	3.78	1.0	3.78	-	-	-	3.78	100.0%	0.0%	0.0%	0.0%	0.0%	3.78	-	-	-	-	3.78	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Agriculture Economic	month/ខែ	2.91	2.0	2.91	2.91	-	-	5.82	100.0%	0.0%	0.0%	0.0%	0.0%	5.82	-	-	-	-	5.82	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	លេខាធិការសេដ្ឋកិច្ចកសិកម្ម	month/ខែ	2.91	2.0	2.91	2.91	-	-	5.82	100.0%	0.0%	0.0%	0.0%	0.0%	5.82	-	-	-	-	5.82	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Environmental Safeguards Specialist	month/ខែ	3.39	2.0	3.39	3.39	-	-	6.78	100.0%	0.0%	0.0%	0.0%	0.0%	6.78	-	-	-	-	6.78	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែកសុវត្ថិភាពបរិស្ថាន	month/ខែ	3.39	2.0	3.39	3.39	-	-	6.78	100.0%	0.0%	0.0%	0.0%	0.0%	6.78	-	-	-	-	6.78	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Resettlement / Social Safeguards Specialist (two persons)	month/ខែ	3.78	14.0	15.12	15.12	15.12	7.56	52.92	100.0%	0.0%	0.0%	0.0%	0.0%	52.92	-	-	-	-	52.92	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែកសុវត្ថិភាពសង្គម / រដ្ឋបាលយល់នៅឆ្នាំ (ពីរនាក់)	month/ខែ	3.78	14.0	15.12	15.12	15.12	7.56	52.92	100.0%	0.0%	0.0%	0.0%	0.0%	52.92	-	-	-	-	52.92	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	AutoCAD Specialist - 3	month/ខែ	2.43	3.0	7.28	-	-	-	7.28	100.0%	0.0%	0.0%	0.0%	0.0%	7.28	-	-	-	-	7.28	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	AutoCAD Specialist - 7	month/ខែ	2.43	3.0	7.28	-	-	-	7.28	100.0%	0.0%	0.0%	0.0%	0.0%	7.28	-	-	-	-	7.28	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	AutoCAD Specialist - 8	month/ខែ	2.43	3.0	7.28	-	-	-	7.28	100.0%	0.0%	0.0%	0.0%	0.0%	7.28	-	-	-	-	7.28	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	AutoCAD/GIS Specialist	month/ខែ	3.78	5.5	7.56	7.56	5.67	-	20.79	100.0%	0.0%	0.0%	0.0%	0.0%	20.79	-	-	-	-	20.79	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Assistant Irrigation Design Engineer 1	month/ខែ	2.91	6.0	8.73	4.37	4.37	-	17.46	100.0%	0.0%	0.0%	0.0%	0.0%	17.46	-	-	-	-	17.46	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Irrigation Structure Design Engineer	month/ខែ	3.78	3.0	3.78	3.78	3.78	-	11.34	100.0%	0.0%	0.0%	0.0%	0.0%	11.34	-	-	-	-	11.34	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Social Development & Gender Safeguards Specialist	month/ខែ	3.78	1.5	3.78	1.89	-	-	5.67	100.0%	0.0%	0.0%	0.0%	0.0%	5.67	-	-	-	-	5.67	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែកសុវត្ថិភាពយេនឌ័រនិងអភិវឌ្ឍន៍សង្គម	month/ខែ	3.78	1.5	3.78	1.89	-	-	5.67	100.0%	0.0%	0.0%	0.0%	0.0%	5.67	-	-	-	-	5.67	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Procurement Specialist	month/ខែ	2.91	1.5	1.46	1.46	-	-	4.37	100.0%	0.0%	0.0%	0.0%	0.0%	4.37	-	-	-	-	4.37	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែកលទ្ធកម្ម	month/ខែ	2.91	1.5	1.46	1.46	-	-	4.37	100.0%	0.0%	0.0%	0.0%	0.0%	4.37	-	-	-	-	4.37	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
4. National Experts - Reporting to MRD (អ្នកជំនាញការងារជាតិ-បម្រើការងារស្របច្បាប់)																										
CS	CS5	Road Design Engineer/DTL	month/ខែ	3.88	9.0	11.64	11.64	11.64	-	34.92	100.0%	0.0%	0.0%	0.0%	0.0%	34.92	-	-	-	-	34.92	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកជំនាញជាតិផ្នែកស្រាវជ្រាវ / អនុប្រធានគម្រោង	month/ខែ	3.88	9.0	11.64	11.64	11.64	-	34.92	100.0%	0.0%	0.0%	0.0%	0.0%	34.92	-	-	-	-	34.92	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Road Design Engineer (វិទ្យាសាស្ត្រប្រធានគម្រោងស្រាវជ្រាវ)	month/ខែ	2.91	4.0	8.73	2.91	-	-	11.64	100.0%	0.0%	0.0%	0.0%	0.0%	11.64	-	-	-	-	11.64	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	AutoCAD specialist -1	month/ខែ	2.43	6.0	7.28	4.85	2.43	-	14.55	100.0%	0.0%	0.0%	0.0%	0.0%	14.55	-	-	-	-	14.55	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែក AutoCAD	month/ខែ	2.43	6.0	7.28	4.85	2.43	-	14.55	100.0%	0.0%	0.0%	0.0%	0.0%	14.55	-	-	-	-	14.55	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	AutoCAD specialist -5	month/ខែ	2.43	2.5	3.64	2.43	-	-	6.06	100.0%	0.0%	0.0%	0.0%	0.0%	6.06	-	-	-	-	6.06	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែក AutoCAD	month/ខែ	2.43	2.5	3.64	2.43	-	-	6.06	100.0%	0.0%	0.0%	0.0%	0.0%	6.06	-	-	-	-	6.06	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	AutoCAD specialist -6	month/ខែ	2.43	6.0	7.28	4.85	2.43	-	14.55	100.0%	0.0%	0.0%	0.0%	0.0%	14.55	-	-	-	-	14.55	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែក AutoCAD	month/ខែ	2.43	6.0	7.28	4.85	2.43	-	14.55	100.0%	0.0%	0.0%	0.0%	0.0%	14.55	-	-	-	-	14.55	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Assistant Road Design Engineer 1	month/ខែ	2.43	1.0	2.43	-	-	-	2.43	100.0%	0.0%	0.0%	0.0%	0.0%	2.43	-	-	-	-	2.43	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	ជំនួយការវិទ្យាសាស្ត្រប្រធានគម្រោងស្រាវជ្រាវ ១	month/ខែ	2.43	1.0	2.43	-	-	-	2.43	100.0%	0.0%	0.0%	0.0%	0.0%	2.43	-	-	-	-	2.43	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Environmental Safeguards Specialist	month/ខែ	2.91	2.0	2.91	2.91	-	-	5.82	100.0%	0.0%	0.0%	0.0%	0.0%	5.82	-	-	-	-	5.82	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	អ្នកឯកទេសអន្តរជាតិផ្នែកសុវត្ថិភាពបរិស្ថាន	month/ខែ	2.91	2.0	2.91	2.91	-	-	5.82	100.0%	0.0%	0.0%	0.0%	0.0%	5.82	-	-	-	-	5.82	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS	CS5	Social Development & Gender Safeguards Specialist	month/ខែ	2.91	1.5	2.91	1.46	-	-	4.37	100.0%	0.0%	0.0%	0.0%	0.0%	4.37	-	-	-	-	4.37	-	PM_MAFF	PIC-Tech-Natl	MAFF	MAFF
CS																										

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Third Quarterly Progress Report 2022: July - September

Annual Budget 2023 ('000USD)
MOWRAM

Budget Code	Proc. Code	Proc. Code	Task Description	Unit	Unit Cost ('000 USD)	Quantity					Cost ('000 USD)					Financing Rule					Costs by Sources of Fund ('000 USD)					
						Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	ADB	CF	Lo	CF	Gra	Gov't	neficiaries	Loan	Loan	Grant	Beneficiaries
																ADB	CF	Lo	CF	Gra	Gov't	neficiaries	Loan	Loan	Grant	Beneficiaries
I. INVESTMENT COSTS on CIVIL WORKs																										
DT_1: Kampot Province Irrigation Sub-projects																										
CW	CW12	CW12-B	TAKOUCH IRRIGATION SUBPROJECT (Carry from 2020)	Scheme	675.70	0.10	0.20	0.30	0.30	0.90	67.57	135.14	202.71	202.71	608.13	76.8%	12.6%	10.5%	0.0%	0.0%	467.21	76.90	64.02	0.00	0.00	
CW	CW12	CW12-F	PRAWOEK PONG IRRIGATION SUBPROJECT (Carry from 2022)	Scheme	255.00	-	0.20	0.30	0.30	0.80	-	51.00	76.50	76.50	204.00	76.8%	12.6%	10.5%	0.0%	0.0%	156.73	25.80	21.48	0.00	0.00	
CW	CW12	CW12-D	TRAPEANG BOEUNG RESERVOIR (Carry from 2022)	Scheme	2,162.25	-	-	0.10	0.20	0.30	-	-	216.23	432.45	648.68	76.8%	12.6%	10.5%	0.0%	0.0%	498.36	82.03	68.29	0.00	0.00	
CW	CW12	CW12-E	KANDAL IRRIGATION SYSTEM (Carry from 2022)	Scheme	1,795.00	-	-	0.10	0.20	0.30	-	-	179.50	359.00	538.50	76.8%	12.6%	10.5%	0.0%	0.0%	413.71	68.09	56.69	0.00	0.00	
DT_1: Takeo Province Irrigation Sub-projects																										
CW	CW15	CW15-A	PREY KDOUCH IRRIGATION SUBPROJECT (Wait for DDR NOL)	Scheme	1,245.80	-	-	0.20	-	0.20	-	-	249.2	-	249.16	76.8%	12.6%	10.5%	0.0%	0.0%	191.42	31.51	26.23	0.00	0.00	
CW	CW15	CW15-B	KRAIN AMPIL IRRIGATION SUBPROJECT (Wait for DDR NOL)	Scheme	448.20	-	-	0.20	-	0.20	-	-	89.6	-	89.64	76.8%	12.6%	10.5%	0.0%	0.0%	68.87	11.34	9.44	0.00	0.00	
CW	CW15	CW15-G	CHROUK1 & PLOV TOUK CANAL (Carry from 2021)	Scheme	768.14	-	-	0.10	0.30	0.40	-	-	76.8	230.4	307.25	76.8%	12.6%	10.5%	0.0%	0.0%	236.05	38.85	32.35	0.00	0.00	
CW	CW15	CW15-H	KWAENG TAYI CANAL (Carry from 2021)	Scheme	1,267.00	-	-	0.10	0.30	0.40	-	-	126.7	380.1	506.80	76.8%	12.6%	10.5%	0.0%	0.0%	389.36	64.09	53.36	0.00	0.00	
CW	CW15	CW15-J	PREY RUMDENG CANAL (Carry from 2021)	Scheme	832.02	-	-	0.10	0.30	0.40	-	-	83.2	249.6	332.81	76.8%	12.6%	10.5%	0.0%	0.0%	255.69	42.08	35.04	0.00	0.00	
CW	CW15	CW15-I	PRALAY 95 IRRIGATION SUBPROJECT	Scheme	1,275.00	-	-	-	0.10	0.10	-	-	-	127.50	127.50	76.8%	12.6%	10.5%	0.0%	0.0%	97.95	16.12	13.42	0.00	0.00	
CW	CW15	CW15-K	PRALAY 42 IRRIGATION SUBPROJECT	Scheme	1,365.00	-	-	-	0.10	0.10	-	-	-	136.50	136.50	76.8%	12.6%	10.5%	0.0%	0.0%	104.87	17.26	14.37	0.00	0.00	
DT_1: Tbong Khmum Province Irrigation Sub-projects																										
CW	CW13	CW13-A	KBAL TOEUK IRRIGATION SUBPROJECT (contract implementation)	Scheme	914.70	-	-	-	0.10	0.10	-	-	-	91.47	91.47	76.8%	12.6%	10.5%	0.0%	0.0%	70.27	11.57	9.63	0.00	0.00	
CW	CW13	CW13-B	TOUL PRING IRRIGATION SUBPROJECT (contract implementation)	Scheme	822.70	-	-	-	0.10	0.10	-	-	-	82.27	82.27	76.8%	12.6%	10.5%	0.0%	0.0%	63.21	10.40	8.66	0.00	0.00	
CW	CW13	CW13-C	TRAPEANG TROSS IRRIGATION SUBPROJECT (contract implementation)	Scheme	914.70	-	0.10	0.30	0.20	0.60	-	91.47	274.41	182.94	548.82	76.8%	12.6%	10.5%	0.0%	0.0%	421.64	69.40	57.78	0.00	0.00	
CW	CW13	CW13-F	TBONG DAMREI RESERVOIR (Carry from 2021)	Scheme	1,358.96	-	-	0.40	0.20	0.60	-	-	543.58	271.79	815.37	76.8%	12.6%	10.5%	0.0%	0.0%	626.42	103.10	85.84	0.00	0.00	
CW	CW13	CW13-G	KAMPONG RAING FEEDING CANAL (Carry from 2021)	Scheme	605.25	-	-	0.20	0.30	0.50	-	-	121.05	181.58	302.63	76.8%	12.6%	10.5%	0.0%	0.0%	232.50	38.27	31.86	0.00	0.00	
CW	CW13	CW13-H	CHOAM TAHEUNG IRRIGATION SUBPROJECT	Scheme	1,776.60	-	-	-	0.10	0.10	-	-	-	177.66	177.66	76.8%	12.6%	10.5%	0.0%	0.0%	136.49	22.47	18.70	0.00	0.00	
CW	CW13	CW13-I	TRAPEANG AMPIL IRRIGATION SUBPROJECT	Scheme	420.00	-	-	-	0.10	0.10	-	-	-	42.00	42.00	76.8%	12.6%	10.5%	0.0%	0.0%	32.27	5.31	4.42	0.00	0.00	
DT_1: Kampong Cham Province Irrigation Sub-projects																										
CW	CW14	CW14-A	PRAM KOMPHEAK IRRIGATION SUBPROJECT (Carry from 2020)	Scheme	1,247.00	-	0.10	0.30	0.50	0.90	-	124.70	374.10	623.50	1,122.30	76.8%	12.6%	10.5%	0.0%	0.0%	862.23	141.92	118.15	0.00	0.00	
CW	CW14	CW14-B	O'KAMPROK IRRIGATION SUBPROJECT (Carry from 2020)	Scheme	915.00	-	0.10	0.30	0.50	0.90	-	91.50	274.50	457.50	823.50	76.8%	12.6%	10.5%	0.0%	0.0%	632.67	104.13	86.70	0.00	0.00	
CW	CW14	CW14-C	TEUK CHAR WEST IRRIGATION SYSTEM	Scheme	2,157.25	-	-	-	0.10	0.10	-	-	-	215.73	215.73	76.8%	12.6%	10.5%	0.0%	0.0%	165.74	27.28	22.71	0.00	0.00	
CW	CW14	CW14-E	POTATRES RESERVOIR (Carry from 2021)	Scheme	2,050.25	-	-	-	0.10	0.10	-	-	-	205.03	205.03	76.8%	12.6%	10.5%	0.0%	0.0%	157.52	25.93	21.59	0.00	0.00	
CW	CW14	CW14-D	TEUK CHAR EAST IRRIGATION SYSTEM	Scheme	2,156.00	-	-	-	0.10	0.10	-	-	-	215.60	215.60	76.8%	12.6%	10.5%	0.0%	0.0%	165.64	27.26	22.70	0.00	0.00	
Subtotal						#####	0.10	0.70	3.00	4.50	8.20	67.57	493.81	2,888.09	4,941.88	8,391.35										
TABLE 3. 1.1 OTHER WATER MANAGEMENT INFRASTRUCTURE																										
CW	CW1	CW1-c	Kampong Cham 60 On-farm rainwater harvesting ponds (Carry from 2021)	pond	810.00	-	0.10	0.60	-	0.70	-	81.00	486.00	-	567.00	92.1%	0.0%	7.9%	0%	0%	522.21	0.00	44.79	0.00	0.00	
CW	CW1	CW1-b	Tbng Khmum 60 On-farm rainwater harvesting ponds (Carry from 2021)	pond	810.00	-	0.10	0.60	-	0.70	-	81.00	486.00	-	567.00	92.1%	0.0%	7.9%	0.0%	0.0%	522.21	0.00	44.79	0.00	0.00	
CW	CW1	CW1-a	Kampong Cham 80 On-farm rainwater harvesting ponds (Carry from 2021)	pond	1,080.00	-	0.10	0.60	-	0.70	-	108.00	648.00	-	756.00	92.1%	0.0%	7.9%	0.0%	0.0%	696.28	0.00	59.72	0.00	0.00	
CW	CW1	CW1-d	Takeo 60 On-farm rainwater harvesting ponds (Carry from 2021)	pond	810.00	-	-	0.10	0.60	0.70	-	-	81.00	486.00	567.00	92.1%	0.0%	7.9%	0.0%	0.0%	522.21	0.00	44.79	0.00	0.00	
Subtotal												270.00	1,701.00	486.00	2,457.00											
10 new FWUCs and FWUGs Establishment and Capacity Building																										
2 FWUC Establishment (Carry from 2022)																										
PMO	PMO	PMO	Step1: Dissemination the information and process FWUC formation	FWUC	2.08	10	0	0	0	10.00	20.77	-	-	-	20.77	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	0.00	0.00	0.00	
PMO	PMO	PMO	Step2: Demarcate the command areas and data collection	FWUC	0.46	0	10	0	0	10.00	-	4.62	-	-	4.62	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	4.62	0.00	0.00	
PMO	PMO	PMO	Step3: Create the Statute Committees to draft the Statute	FWUC	1.04	4	7	3	0	14.00	4.17	7.30	3.13	-	14.59	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	14.59	0.00	0.00	
PMO	PMO	PMO	Step4: Form Farmer Water User Community	FWUC	2.58	0	0	10	0	10.00	-	-	25.77	-	25.77	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	25.77	0.00	0.00	
PMO	PMO	PMO	Step5: Reviews and awareness of the draft statute	FWUC	1.33	0	0	10	0	10.00	-	-	13.34	-	13.34	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	13.34	0.00	0.00	
PMO	PMO	PMO	Step6: FWUC Committee Election	FWUC	1.20	0	0	0	10	10.00	-	-	-	11.97	11.97	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	11.97	0.00	0.00	
PMO	PMO	PMO	Step7: Finalization of FWUC Statute and Action Plan	FWUC	0.99	0	0	0	10	10.00	-	-	-	9.93	9.93	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	9.93	0.00	0.00	
PMO	PMO	PMO	Step8: FWUC Approval and Registration	FWUC	1.71	2	0	0	10	12.00	3.42	-	-	17.12	20.54	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	20.54	0.00	0.00	
Sub-Total											28.36	11.92	42.24	39.02	121.53											
17 FWUC Capacity Building (17 Fwuc carry from 2022)																										
PMO	PMO	PMO	1 FWUC Management Training	Course	1.28	17	0	0	0	17.00	21.82	-	-	-	21.82	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	21.82	0.00	0.00	
PMO	PMO	PMO	2 Systematic Operations	Course	1.20	17	0	0	0	17.00	20.48	-	-	-	20.48	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	20.48	0.00	0.00	
PMO	PMO	PMO	3 Scheme Maintenance	Course	2.00	0	17	0	0	17.00	-	34.08	-	-	34.08	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	34.08	0.00	0.00	
PMO	PMO	PMO	4 On-the-job training	Course	1.00	0	0	17	0	17.00	-	-	16.97	-	16.97	0.0%	0.0%	100%	0.0%	0.0%	0.00	0.00	16.97	0.00	0.00	
Sub-Total											42.30	34.08	16.97	-	93.35											
Sub-Total for FWUC Estab. & Capacity Building											70.66	46.00	59.21	39.02	214.88											
Total Annual Cost For Civil Works											138.23	809.81	4,648.30	5,466.90	11,063.23						8,709.72	1,061.09	1,292.42	0.00	0.00	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
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Budget Code	Proc. Code	Proc. Code	Task Description	Unit	Unit Cost ('000 USD)	Quantity					Cost ('000 USD)					Financing Rule					Costs by Sources of Fund ('000 USD)					
						Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	ADB	CF	Lo	CF	Gra	Gov't	neficiaries	ADB	GCF	GCF	Gov't
						Loan	Loan	Grant	Beneficiaries																	
TABLE 18. PROJECT MANAGEMENT UNIT																										
A. Project Management Staff - supplementary payments																										
2. PMU Staff - MOWRAM																										
Govt	Govt	Govt	1 Gender Officer	month	0.18	3	3	3	3	12	0.54	0.54	0.54	0.54	2.16	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	2.16	0.00	
Govt	Govt	Govt	1 Irrigation Information System officer	month	0.18	3	3	3	3	12	0.54	0.54	0.54	0.54	2.16	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	2.16	0.00	
Govt	Govt	Govt	2 Technical Assistance and Gender Assistance	month	0.15	6	6	6	6	24	0.90	0.90	0.90	0.90	3.60	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	3.60	0.00	
Govt	Govt	Govt	4 Meteorology Assistance	month	0.15	12	12	12	12	48	1.80	1.80	1.80	1.80	7.20	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	7.20	0.00	
Govt	Govt	Govt	3 FWUC Organization and Formulation Officer	month	0.15	9	9	9	9	36	1.35	1.35	1.35	1.35	5.40	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	5.40	0.00	
Govt	Govt	Govt	2 Irrigation Information Assistant	month	0.15	6	6	6	6	24	0.90	0.90	0.90	0.90	3.60	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	3.60	0.00	
Govt	Govt	Govt	5 Technical Assistance of Irrigation System	month	0.15	15	15	15	15	60	2.25	2.25	2.25	2.25	9.00	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	9.00	0.00	
Govt	Govt	Govt	4 PDOWRAM Director for 4 provinces	month	0.12	12	12	12	12	48	1.38	1.38	1.38	1.38	5.52	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	5.52	0.00	
Govt	Govt	Govt	4 Admin & Finance Assistant	month	0.10	12	12	12	12	48	1.20	1.20	1.20	1.20	4.80	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	4.80	0.00	
Govt	Govt	Govt	4 Gender and Social Safeguards Officers	month	0.10	12	12	12	12	48	1.20	1.20	1.20	1.20	4.80	0.0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	4.80	0.00	
Subtotal											12.06	12.06	12.06	12.06	48.24						0.00	0.00	0.00	48.24	0.00	
B. Other PMU Costs																										
1. Operating Costs																										
IOC	IOC	IOC	PMU - Utilities, consumables, office supplyetc.	month	1.20	3	3	3	3	12	3.60	3.60	3.60	3.60	14.40	100%	0.0%	0.0%	0.0%	0.0%	14.40	0.00	0.00	0.00	0.00	
IOC	IOC	IOC	Per diem for field travel costs/g	month	1.02	3	3	3	3	12	3.06	3.06	3.06	3.06	12.24	100%	0.0%	0.0%	0.0%	0.0%	12.24	0.00	0.00	0.00	0.00	
IOC	IOC	IOC	PDWRAM - Provincial offices (4 offices, 3 months/year)	month	0.60	3	3	3	3	12	1.80	1.80	1.80	1.80	7.20	100%	0.0%	0.0%	0.0%	0.0%	7.20	0.00	0.00	0.00	0.00	
Govt	Govt	Govt	Financial Audit	month	7.94	0.25	0.25	0.25	0.25	1	1.99	1.99	1.99	1.99	7.94	0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	7.94	0.00	
Govt	Govt	Govt	Additional in-kind support to PMU-MOWRAM	month	150.00	0.25	0.25	0.25	0.25	1	37.50	37.50	37.50	37.50	150.00	0%	0.0%	0.0%	100%	0.0%	0.00	0.00	0.00	150.00	0.00	
Subtotal											47.95	47.95	47.95	47.95	191.78						33.84	0.00	0.00	157.94	0.00	
C. Other Vehicles for Provincial Offices																										
IOC	IOC	IOC	Fuel and Maintenance for 2 Vehicles	month	0.45	6	6	6	6	24	2.70	2.70	2.70	2.70	10.80	100%	0.0%	0.0%	0%	0.0%	10.80	0.00	0.00	0.00	0.00	
IOC	IOC	IOC	Fuel and maintenance for 3 Motor bikes	month	0.05	9	9	9	9	36	0.45	0.45	0.45	0.45	1.80	100%	0.0%	0.0%	0%	0.0%	1.80	0.00	0.00	0.00	0.00	
IOC	IOC	IOC	2 Driver's remuneration	month	0.25	6	6	6	6	24	1.50	1.50	1.50	1.50	6.00	100%	0.0%	0.0%	0%	0.0%	6.00	0.00	0.00	0.00	0.00	
1. Vehicles for Irrigation Implementation (PDWRAM)																										
IOC	IOC	IOC	Vehicle Fuel & Maintenance for 2 Vehicles	month	0.35	6	6	6	6	24	2.10	2.10	2.10	2.10	8.40	100%	0.0%	0.0%	0%	0.0%	8.40	0.00	0.00	0.00	0.00	
IOC	IOC	IOC	Fuel and maintenance for 6 Motobike	month	0.05	18	18	18	18	72	0.90	0.90	0.90	0.90	3.60	100%	0.0%	0.0%	0%	0.0%	3.60	0.00	0.00	0.00	0.00	
IOC	IOC	IOC	2 Driver's remuneration	month	0.25	6	6	6	6	24	1.50	1.50	1.50	1.50	6.00	100%	0.0%	0.0%	0%	0.0%	6.00	0.00	0.00	0.00	0.00	
Subtotal											9.15	9.15	9.15	9.15	36.60						36.60	0.00	0.00	0.00	0.00	
Subtotal for Operation Costs											69.16	69.16	69.16	69.16	276.620						70.44	-	-	206.18	-	
Grant Total of MOWRAM Budget 2023											207.39	878.96	4,717.45	5,536.05	11,339.85						-	8,780.16	1,061.09	1,356.44	206.18	-

Annual Budget 2023 ('000 USD)

MRD

1000

Budget Code	Proc. Code	Activity Code	Task Description	Unit	Unit Cost (USD)	Unit Cost ('000 USD)	Quantity					Cost (USD)					Financing Rule				
							Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries
I. INVESTMENT COSTS																					
OUPUT 1: Critical agribusiness value chain infrastructure improved and made climate resilient																					
1- CIVIL WORKS (Improving connectivity to cooperatives and markets through climate resilient farm road networks)***																					
		a- CW17b-CFAVC-MRD-TK3-2020 (Lot 1)																			
CW	CW17	Rural road improvement in Takeo province (10.00 Km with contract value\$1,243,719.86)	Lot		1,243,719.86	1,243.72	0.20	0.20	0.11	-	0.51	248.74	248.74	139.92	-	637.41	76.827%	12.645%	10.528%	0.0%	0.0%
		Subtotal										248.74	248.74	139.92	-	637.41	76.8%	12.65%	10.5%	0.0%	0.0%
		a- CW17b-CFAVC-MRD-TK4-2020 (Lot 2)																			
CW	CW17	Rural road improvement in Takeo province (4.67 Km with contract value\$879,298.64)	Lot		879,298.64	879.30	0.20	0.10	-	-	0.30	175.86	87.93	-	-	263.79	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										175.86	87.93	-	-	263.79	76.8%	12.6%	10.5%	0.0%	0.0%
		b- CW17c-CFAVC-MRD-TBK5-2020 (Lot 1)																			
CW	CW17	Rural road improvement in Tboung Khum province (9.774 Km with contract value\$ 1,239,711.20)	Lot		1,239,711.20	1,239.71	0.20	0.20	0.20	0.15	0.75	247.94	247.94	247.94	185.96	929.78	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										247.94	247.94	247.94	185.96	929.78	76.8%	12.6%	10.5%	0.0%	0.0%
		b- CW17c-CFAVC-MRD-TBK6-2020 (Lot 2)																			
CW	CW17	Rural road improvement in Tboung Khum province (12.000 Km with contract value\$ 1,444,588.37)	Lot		1,444,588.37	1,444.59	0.20	0.20	0.20	0.15	0.75	288.92	288.92	288.92	216.69	1,083.44	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										288.92	288.92	288.92	216.69	1,083.44	76.8%	12.6%	10.5%	0.0%	0.0%
		c- CW17d-CFAVC-MRD-KC7-2020 (Lot 1)																			
CW	CW17	Rural road improvement in Kampong Cham province (9.882 Km with contract value \$1,103,011.81)	Lot		1,103,011.81	1,103.01	0.20	0.20	0.20	0.15	0.75	220.60	220.60	220.60	165.45	827.26	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										220.60	220.60	220.60	165.45	827.26	76.8%	12.6%	10.5%	0.0%	0.0%
		c- CW17d-CFAVC-MRD-KC8-2020 (Lot 2)																			
CW	CW17	Rural road improvement in Kampong Cham province (4.721 Km with contract value \$611,183.48)	Lot		611,183.48	611.18	0.20	0.20	0.20	0.15	0.75	122.24	122.24	122.24	91.68	458.39	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										122.24	122.24	122.24	91.68	458.39	76.8%	12.6%	10.5%	0.0%	0.0%
		d- CW17a-CFAVC-MRD-KP1-2020 (Lot 1)																			
CW	CW17	Rural road improvement in Kampot province (11.948 Km with contract value \$1,266,929.22)	Lot		1,266,929.22	1,266.93	0.20	0.20	0.20	0.15	0.75	253.39	253.39	253.39	190.04	950.20	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										253.39	253.39	253.39	190.04	950.20	76.8%	12.6%	10.5%	0.0%	0.0%
		d- CW17a-CFAVC-MRD-KP2-2020 (Lot 2)																			
CW	CW17	Rural road improvement in Kampot province (8.104 Km with contract value \$877,375.76)	Lot		877,375.76	877.38	0.20	0.20	0.20	0.15	0.75	175.48	175.48	175.48	131.61	658.03	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										175.48	175.48	175.48	131.61	658.03	76.8%	12.6%	10.5%	0.0%	0.0%
		a- CW17a-CFAVC-MRD-KP-1A-Batch 2 (Lot 1)																			
CW	CW17	Rural road improvement (DBST) in Kampot province with 12.963 Km, and with estimate cost \$2,201,113.23	Lot		2,201,113.23	2,201.11	-	-	-	0.10	0.10	-	-	-	220.11	220.11	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										-	-	-	220.11	220.11	76.8%	12.6%	10.5%	0.0%	0.0%
		a- CW17a-CFAVC-MRD-KP-2A-Batch 2 (Lot 2)																			
		Rural road improvement (DBST) in Kampot province with 9.098 Km, and with estimate cost \$1,403,944.77	Lot		1,403,944.77	1,403.94	-	-	-	0.10	0.10	-	-	-	140.39	140.39	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										-	-	-	140.39	140.39	76.8%	12.6%	10.5%	0.0%	0.0%
		b- CW17b-CFAVC-MRD-TK1A-Batch 2 (Lot 1)																			
CW	CW17	Rural road improvement (DBST) in Takeo province with 13.976 Km, and with estimate cost \$2,131,618.83	Lot		2,131,618.83	2,131.62	-	0.10	0.15	0.15	0.40	-	213.16	319.74	319.74	852.65	76.8%	12.6%	10.5%	0.0%	0.0%
		Subtotal										-	213.16	319.74	319.74	852.65	76.8%	12.6%	10.5%	0.0%	0.0%
		b- CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)																			
																	76.8%	12.6%	10.5%	0.0%	0.0%

Annual Budget 2023 ('000 USD)

MRD

1000

Budget Code	Proc. Code	Activity Code	Task Description	Unit	Unit Cost (USD)	Unit Cost ('000 USD)	Quantity					Cost (USD)					Financing Rule				
							Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	ADB	GCF Loan	GCF Grant	Gov't	Beneficiaries
CW	CW17		Rural road improvement (DBST) in Takeo province with 12.761 Km, and with estimate cost \$1,925,035.17	Lot	1,925,035.17	1,925.04	-	0.10	0.15	0.15	0.40	-	192.50	288.76	288.76	770.01	76.8%	12.6%	10.5%	0.0%	0.0%
			Subtotal										192.50	288.76	288.76	770.01	76.8%	12.6%	10.5%	0.0%	0.0%
			c- CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)														76.8%	12.6%	10.5%	0.0%	0.0%
CW	CW17		Rural road improvement (DBST) in Tboung Khmum province with 16.370 Km, and with estimate cost \$2,247,270.00	Lot	2,247,270.00	2,247.27	-	-	-	0.10	0.10	-	-	-	224.73	224.73	76.8%	12.6%	10.5%	0.0%	0.0%
			Subtotal												224.73	224.73	76.8%	12.6%	10.5%	0.0%	0.0%
			c- CW17c-CFAVC-MRD-TBK-2A-Batch 2 (Lot 2)														76.8%	12.6%	10.5%	0.0%	0.0%
CW	CW17		Rural road improvement (DBST) in Tboung Khmum province with 12.891 Km, and with estimate cost \$2,343,017.36	Lot	2,343,017.36	2,343.02	-	-	-	0.10	0.10	-	-	-	234.30	234.30	76.8%	12.6%	10.5%	0.0%	0.0%
			Subtotal												234.30	234.30	76.8%	12.6%	10.5%	0.0%	0.0%
			d- CW17d-CFAVC-MRD-KC-1A-Batch 2 (Lot 1)														76.8%	12.6%	10.5%	0.0%	0.0%
CW	CW17		Rural road improvement (DBST) in Kampong Cham province with 9.425 Km, and with estimate cost \$1,417,291.71	Lot	1,417,291.71	1,417.29	-	-	0.10	0.15	0.25	-	-	141.73	212.59	354.32	76.8%	12.6%	10.5%	0.0%	0.0%
			Subtotal											141.73	212.59	354.32	76.8%	12.6%	10.5%	0.0%	0.0%
			d- CW17d-CFAVC-MRD-KC-2A-Batch 2 (Lot 2)														76.8%	12.6%	10.5%	0.0%	0.0%
CW	CW17		Rural road improvement (DBST) in Kampong Cham province with 12.640 Km, and with estimate cost \$2,160,701.95	Lot	2,160,701.95	2,160.70	-	-	0.10	0.15	0.25	-	-	216.07	324.11	540.18	76.8%	12.6%	10.5%	0.0%	0.0%
			Subtotal											216.07	324.11	540.18	76.8%	12.6%	10.5%	0.0%	0.0%
			Total Civil Works CW17									1,733.16	2,050.90	2,414.78	2,946.15	9,144.99					
			2- PROJECT MANAGEMENT UNIT																		
			A. INCREMENTAL STAFF														0.0%				
			1. PMU and PDRD staff														0.0%				
Govt	Govt		Project Director	month	0.25	0.000	-	-	-	-	-	-	-	-	-	-	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		Project Manager	month	250.00	0.250	3	3	3	3	12.00	0.75	0.75	0.75	0.75	3.00	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		Social Guard	month	180.00	0.180	3	3	3	3	12.00	0.54	0.54	0.54	0.54	2.16	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		Civil Engineer	month	180.00	0.180	3	3	3	3	12.00	0.54	0.54	0.54	0.54	2.16	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		Gender Officer	month	180.00	0.180	3	3	3	3	12.00	0.54	0.54	0.54	0.54	2.16	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		PDRD Director	month	0	0.000	3	3	3	3	12.00	-	-	-	-	-	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		Rural road Technician (3 staff x \$100)	month	300.00	0.300	3	3	3	3	12.00	0.90	0.90	0.90	0.90	3.60	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		Admin & Finance Assistant (4 staff x \$100)	month	400.00	0.400	3	3	3	3	12.00	1.20	1.20	1.20	1.20	4.80	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		Road Taxes	Lumpsum	2,800.00	2.800	-	-	1	-	1.00	-	-	2.80	-	2.80	0.0%	0.0%	0.0%	100.0%	0.0%
			Subtotal									4.47	4.47	7.27	4.47	20.68					
			2. Technical Contact Points																		
Govt	Govt		MRD - Rural Roads	month	226.00	0.226	3	3	3	3	12.00	0.68	0.68	0.68	0.68	2.71	0.0%	0.0%	0.0%	100.0%	0.0%
Govt	Govt		Additional in-kind support	month	3.64	0.004	3	3	3	3	12.00	0.01	0.01	0.01	0.01	0.04	0.0%	0.0%	0.0%	100.0%	0.0%
			Subtotal									0.69	0.69	0.69	0.69	2.76					
			B. Operation and Management Costs																		
IOC	IOC		-Vehicle Operating Costs (PIU & PDRD) (7 vehicles X \$450*12 Months)	month	450.00	0.450	21	21	21	21	84.00	9.45	9.45	9.45	9.45	37.80	100.0%	0.0%	0.0%	0.0%	0.0%
			-Motorbike Operating Costs (PIU) (1 Motorbike X \$50*12 Months)	month	50.00	0.050	3	3	3	3	12.00	0.15	0.15	0.15	0.15	0.60	100.0%	0.0%	0.0%	0.0%	0.0%
IOC	IOC		- Office Operation (PIU \$350 & PDRDs= 4x\$100)	month	750.00	0.750	3	3	3	3	12.00	2.25	2.25	2.25	2.25	9.00	100.0%	0.0%	0.0%	0.0%	0.0%
IOC	IOC		- Per-diem & DSA for 5 persons for PIU (10days/month/person =(34*8+14*2)*4)	month	300.00	0.300	15	15	15	15	60.00	4.50	4.50	4.50	4.50	18.00	100.0%	0.0%	0.0%	0.0%	0.0%
IOC	IOC		- Per-diem & DSA for 4 PDRDs (2 persons for 10 days/month/person and 1 person 5 days/month/person for each province =[(8*34+2*14)*2+(4*34+14)]	province	750.00	0.750	12	12	12	12	48.00	9.00	9.00	9.00	9.00	36.00	100.0%	0.0%	0.0%	0.0%	0.0%
IOC	IOC		- Driver salary (7 drivers: \$250/month/person)	month	250.00	0.250	21	21	21	21	84.00	5.25	5.25	5.25	5.25	21.00	100.0%	0.0%	0.0%	0.0%	0.0%
IOC	IOC		- Per diem & DSA 1 drivers for PIU for 10 days ((8*34+2*14))*1	month	450.00	0.450	9	9	9	9	36.00	4.05	4.05	4.05	4.05	16.20	100.0%	0.0%	0.0%	0.0%	0.0%
IOC	IOC		- Per diem & DSA 4 drivers for PDRDs for 10 days ((8*34+2*14))*4	month	300.00	0.300	12	12	12	12	48.00	3.60	3.60	3.60	3.60	14.40	100.0%	0.0%	0.0%	0.0%	0.0%
IOC	IOC		- Per diem & DSA for technical contract point	day	102.00	0.102	3	3	3	3	12.00	0.31	0.31	0.31	0.31	1.22	100.0%	0.0%	0.0%	0.0%	0.0%
			Subtotal									38.56	38.56	38.56	38.56	154.22					
			Total Project Managemet Unit									43.71	43.71	46.51	43.71	177.66					
			TOTAL (MRD)									1,776.88	2,094.61	2,461.29	2,989.87	9,322.65					

Summary by EA, Source & Qtr

Executing Agency	Source of Funds	Cost ('000USD)				
		Q1	Q2	Q3	Q4	Total
MAFF	ADB	1,890.23	3,818.34	3,752.50	3,211.50	12,672.57
	GCF Loan	-	-	-	-	-
	GCF Grant	1,441.87	2,912.65	2,862.42	2,449.75	9,666.69
	RGC	80.72	163.07	160.25	137.15	541.19
	Beneficiaries	73.91	149.29	146.72	125.57	495.49
	Total	3,486.73	7,043.34	6,921.89	5,923.97	23,375.94
MOWRAM	ADB	69.52	645.66	3,803.06	4,261.91	8,780.16
	GCF Loan	8.54	62.44	365.20	624.90	1,061.09
	GCF Grant	77.78	119.31	497.64	597.69	1,292.42
	RGC	51.55	51.55	51.55	51.55	206.18
	Beneficiaries					
	Total	207.39	878.96	4,717.45	5,536.05	11,339.85
MRD	ADB	1,370.09	1,614.20	1,893.76	2,302.00	7,180.05
	GCF Loan	219.16	259.34	305.35	372.54	1,156.39
	GCF Grant	182.47	215.92	254.23	310.17	962.78
	RGC	5.16	5.16	7.96	5.16	23.44
	Beneficiaries	-	-	-	-	-
	Total	1,776.88	2,094.61	2,461.29	2,989.87	9,322.65
OVERALL TOTALS	ADB	3,329.84	6,078.20	9,449.32	9,775.41	28,632.77
	GCF Loan	227.70	321.78	670.55	997.45	2,217.48
	GCF Grant	1,702.12	3,247.88	3,614.29	3,357.61	11,921.89
	RGC	137.43	219.77	219.76	193.85	770.81
	Beneficiaries	73.91	149.29	146.72	125.57	495.49
GRAND TOTAL		5,471.00	10,016.92	14,100.64	14,449.89	44,038.44

សង្ខេបថវិកាតាមសកម្មភាពនីមួយៗ

	MAFF	MOWRAM	MRD	TOTAL
1.1 Rehabilitating water management infrastructure to climate resilient condition គ្រប់គ្រងហេដ្ឋារចនាសម្ព័ន្ធប្រភពទឹកឆ្លើយតបភាពធន់ការប្រែប្រួលអាកាសធាតុ	155.00	10,848.35	-	11,003.35
1.2 Upgrading agricultural cooperative value chain infrastructure ធ្វើអោយប្រសើរហេដ្ឋារចនាសម្ព័ន្ធខ្សែច្រវាក់តម្លៃសហគមន៍កសិកម្ម	8,000.11	-	-	8,000.11
1.3 Improving connectivity to cooperatives and markets through climate resilient farm road networks ការធ្វើឱ្យប្រសើរឡើងនូវកាតភ្ជាប់ផ្លូវពីសហគមន៍កសិកម្មទៅផ្លូវធំ ឬផ្សារដែលធន់នឹងបម្រែបម្រួលអាកាសធាតុ	-	-	9,144.99	9,144.99
1.4 Strengthening infrastructure for agricultural quality and safety testing កែលម្អហេដ្ឋារចនាសម្ព័ន្ធធ្វើតេស្តគុណភាព និងសុវត្ថិភាពផលិតផលដំណាំ	419.21	-	-	419.21
1.5 Promoting renewable energy for value chain improvement លាមពលកកើតឡើងវិញសម្រាប់ការកែលម្អខ្សែសង្វាក់ផលិតកម្ម	3,819.05	-	-	3,819.05
Subtotal (សរុបតាមផ្នែក)	12,393.37	10,848.35	9,144.99	32,386.71
2.1 Deploying climate resilient varieties ការផលិត និងផ្សព្វផ្សាយពូជដែលធន់នឹងការប្រែប្រួលអាកាសធាតុ	699.744	-	-	699.74
2.2 Strengthening capacity in climate friendly production practices and technologies ការពង្រឹងសមត្ថភាពនៃការអនុវត្តកសិកម្មដោយភាគរ:បរិស្ថាន	1,658.82	214.88	-	1,873.70
2.3 Promoting farm mechanization and extension ផ្សព្វផ្សាយការប្រើប្រាស់គ្រឿងយន្តបន្ថែមកសិកម្ម	2,856.927	-	-	2,856.93
Subtotal (សរុបតាមផ្នែក)	5,215.49	214.88	-	5,430.37
3.1 Formulating climate friendly agribusiness policies and standards ការសិក្សា និងរៀបចំគោលនយោបាយ និងស្តង់ដារ	426.10	-	-	426.10
3.2 Promoting green finance and risk sharing mechanisms ការលើកកម្ពស់ហិរញ្ញប្បទានបៃតង និងយន្តការចែករំលែកហានិភ័យ	1,067.30	-	-	1,067.30
3.3 Supporting climate risk management through information and communication technologies (ICT) ការគាំទ្រការគ្រប់គ្រងហានិភ័យអាកាសធាតុតាមរយៈបច្ចេកវិទ្យាទំនាក់ទំនងនិងព័ត៌មាន	700.43	-	-	700.43
Subtotal (សរុបតាមផ្នែក)	2,193.83	-	-	2,193.83
total (សរុប)	19,802.69	11,063.23	9,144.99	40,010.91
Project Management				
MAFF	3,573.25	-	-	3,573.25
MOWRAM	-	276.62	-	276.62
MRD	-	-	177.66	177.66
UNASSIGNED	-	-	-	-
total (សរុបរួម)	23,375.94	11,339.85	9,322.65	44,038.44

Annual Work-Plan and Budget 2023 for MAFF			
No.	Output Activities	Total ('000 USD)	Total USD
OUTPUT 1 (លទ្ធផលទី ១) Critical agribusiness value chain infrastructure improved and made climate-resilient.		12,393.37	12,393,370.29
1	Total activity 1.1: Drip irrigation demonstration	155.00	155,000.00
2	Total of Activity 1.2: Upgrading AC value chain infrastructure	8,000.11	8,000,107.60
3	Total of Activity 1.4: Support NAL improvement	419.21	419,212.69
4	Total of activity 1.5: promoting renewable energy	3,819.05	3,819,050.00
OUTPUT 2 (លទ្ធផលទី ២) Climate-smart agriculture and agribusiness promoted		5,215.49	5,215,490.82
1	Total of Activity 2.1: Seed deployment (CS3)	699.74	699,744.00
2	Total of Activity 2.2: Strengthening capacity in climate friendly	1,658.82	1,658,820.00
3	Total of activity 2.3: Promoting farm mechanization and extension	2,856.93	2,856,926.82
OUTPUT 3: (លទ្ធផលទី៣) Enabling environment for climate smart agribusiness enhanced		2,193.83	2,193,827.10
1	Total of activity 3.1: Formulating Climate-Friendly Agri-business Policy at	426.10	426,100.00
2	Total of activity 3.2: Promoting green finance and risk sharing mechanis	1,067.30	1,067,300.00
3	Total of activity 3.3: Supporting climate risk management through information and communication technologies (ICT)-CS4	700.43	700,427.10
TOTAL for 3 Output		19,802.69	19,802,688.21

Table-3b - List of CS5/MRD and the schedule for International, National keys and National non keys experts to be deployed and mobilized.

No:	Expert Name	Position	Input after Re-Structure VO10 and VO17	2021							2022							2023							Request Additional input P.M.									
				Jul	Aug	Sep	Oct	Nov	Dec	Total P.M	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total P.M	Jan		Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total P.M
EXPERTS (International)																																		
1	Mr. Dinesh K Shrestha	Irrigation Design Engineer/TL																													1	1		
2	Mr. Tissa Ariyaratne	Social Safegurad Specialist																													1	1		
KEY EXPERTS (National)																																		
3	Mr. KHIN Toda,	Road Design Engineer/ DTL	19																												9	8		
4	Mr. SAM Sothearo,	Road Design Engineer	15																												4	2		
5	Mr. CHHUN Bunmeng	Socio Economist	4																												4	4		
6	Mr. BUN San/ New replacement	Social Safeguards Specialist	14																												9	6		
7	Mr. Yet Savuth	Social Safeguards Specialist	12																												12	10		
8	Mr. Sean Sitha	Environment Safeguards Specialist	11																												8.28	2		
NON-KEY EXPERTS (NATIONAL)																																		
9	Mr. IM Daro	Auto-CAD Specialist	13																												8	0		
10	Mr. SAMOEUN Keo	Auto-CAD Specialist	16																												12	6		
11	Mr. CHHOUN Sovannara	Auto-CAD Specialist	16																												12	3		
12	Mr. LOM Udom	Assistant Road Design Enginee	10																												6	0		
13	Mr. SEAM Hak	Social Development and Gender Specialist	5																												2.86	0		
14	Mr. SUY Poline	Procurement Specialist	6																												6	5		
15	New Proposed position	Social Safeguard Specialist and resettlement-3																														7		
			141																												41.1	95.1	58	54