



## 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

PPMS UPDATE REPORT  
No 4: July – December 2021

February 2022

Prepared by



in JV with SBK Research and Development

THIS PAGE IS LEFT INTENTIONALLY BLANK FOR BOTH SIDE PRINTING

## ACRONYMS AND ABBREVIATIONS

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

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

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

**Table of contents**

**1 GENERAL..... 6**

**2 THE CFAVC PROJECT ..... 6**

2.1 OUTCOME.....6

2.2 OUTPUTS.....6

2.3 LOCATION.....7

2.4 FUND RESOURCES.....7

**3 GENERAL DEVELOPMENTS ..... 8**

**4 DMF UPDATE. .... 8**

**5 UPDATED PHYSICAL PROGRESS ..... 8**

**6 THE PROJECT OUTPUTS PROGRESS .....10**

6.1 OUTPUT 1: CRITICAL AGRIBUSINESS VALUE CHAIN INFRASTRUCTURE IMPROVED AND MADE CLIMATE RESILIENT, ..... 10

6.1.1 *Output 1.a: Rehabilitation of Irrigation Schemes..... 10*

6.1.2 *Output 1.b.1: 800 on-farm rainwater harvesting ponds commissioned..... 10*

6.1.3 *Output 1.b.2: 15 drip irrigation demonstration..... 10*

6.1.4 *Output 1.c: At least 250 km of farm roads upgraded to climate resilient standards..... 10*

6.1.5 *Output 1.d: 80 agricultural cooperatives have integrated adaptation measures..... 12*

6.1.6 *Activity 1.e: Strengthening infrastructure for agricultural quality and safety testing at national agricultural laboratory (NAL)..... 12*

6.1.7 *Activity 1.5: Promoting Renewable Energy in target Cooperatives for Value Chain Improvement..... 13*

6.2 OUTPUT 2: CLIMATE SMART AGRICULTURE AND AGRIBUSINESS PROMOTED ..... 14

6.2.1 *Seed deployment, during the reporting period, achieved as the following:..... 14*

6.2.2 *Training of Farmers in CSA, SRP capacity to farmers and institutional..... 14*

6.2.3 *Establishment of FWUCs and Training of FwuC members..... 14*

6.2.4 *O&M of FWUCs of irrigation schemes..... 15*

6.2.5 *Construction of PADCs..... 15*

6.2.6 *Construction of Agricultural Workshops ..... 15*

6.3 OUTPUT 3: ENABLING ENVIRONMENT FOR CLIMATE FRIENDLY AGRIBUSINESS ENHANCED ..... 15

6.3.1 *Development of Policy on gender responsive Climate friendly Policy ..... 15*

6.3.2 *Development of Policy on CAMGAP for Biodigesters and Bioslurry and Organic Fertilizer .. 15*

6.3.3 *Training on Agribusiness and Green Finance Instruments ..... 15*

6.3.4 *ITC development ..... 15*

**7 SOCIAL DUE DILIGENCE .....15**

7.1 MAFF ..... 15

7.2 MOWRAM..... 16

7.3 MRD..... 16

7.3.1 *Work Progress for road subprojects planned for project support in 2020..... 16*

7.3.2 *Work Progress for road subprojects planned for project support in 2021..... 16*

**8 ENVIRONMENTAL DUE DILIGENCE .....16**

8.1 MOWRAM..... 16

8.2 MRD..... 17

**9 SOCIAL DEVELOPMENT AND GENDER (SDG) .....18**

**10 PROCUREMENT.....19**

10.1 GOODS..... 19

10.2 MAFF CIVIL WORKS..... 19

10.3 CONSULTANT SERVICE ..... 20

10.3.1 CS 01 ..... 20  
 10.3.2 CS 02 ..... 20  
 10.3.3 CS 03 ..... 20  
 10.3.4 CS04 ..... 20  
 10.3.5 CS05 ..... 21  
 10.3.6 CS07 ..... 21

**11 FINANCIAL MANAGEMENT .....21**

**12 IMPLEMENTATION ACTION PLAN ADB REVIEW MISSION NOVEMBER 2022.....21**

**13 ADHERANCE TO LOAN COVENANTS .....23**

A) COMPLIANCE WITH POLICY LOAN COVENANTS ..... 23  
 B) COMPLIANCE WITH FINANCIAL COVENANTS ..... 23  
 C) COMPLIANCE WITH SAFEGUARD COVENANTS ..... 23  
 D) COMPLIANCE WITH OTHER COVENANTS ..... 23

**14 ISSUES AND CONSTRAINTS .....23**

**ANNEXES.....25**

**List of Annexes:**

ANNEX 1. UPDATE DMF INDICATORS AS PER 31 DECEMBER 2021 ..... 26  
 ANNEX 2. PHYSICAL PROGRESS AS PER 31 DECEMBER 2021 ..... 42  
 ANNEX 3. SOCIAL SAFEGUARD SCREENING UPDATES AS PER 31 DECEMBER 2021 ..... 54  
 ANNEX 4. ENVIRONMENTAL SAFEGUARD ACHIEVEMENTS AS PER 31 DECEMBER 2021 ..... 63  
 ANNEX 5. MAFF WORK ACHIEVEMENTS AS PER 21 DECEMBER 2021 ..... 69  
 ANNEX 6. PROGRESS WITH FS & DED FOR IRRIGATION SUB-PROJECTS AS PER 31 DECEMBER 2021 ..... 73  
 ANNEX 7. PROGRESS WITH FS & DED OF FARM- ROAD SUB-PROJECTS AS PER 31 DECEMBER 2021 ..... 78  
 ANNEX 8. MOU NOVEMBER 2021 ADB REVIEW MISSION ..... 17  
 ANNEX 9. GENDER ACTION PLAN UPDATE JANUARY – DECEMBER 2021 ..... 92  
 ANNEX 10. COMPLIANCE WITH LOAN AND GRANT COVENANTS PER JANUARY – DECEMBER 2021 ..... 107  
 ANNEX 11. FINANCIAL MANAGEMENT PLAN PER JANUARY – DECEMBER 2021 ..... 120  
 ANNEX 12. SAFEGUARDS TRACKING INDICATORS JANUARY – DECEMBER 2021 ..... 122  
 ANNEX 13. DISBURSEMENT THREE IAs SEPARATELY - UTILIZATION OF FUNDS PER JANUARY – DECEMBER 2021 ..... 124

**List of Tables:**

TABLE 1. BUDGET AND FUNDING ARRANGEMENTS LOAN FUNDS (US\$) ..... 7  
 TABLE 2. PHYSICAL PROGRESS AS PER 31 DECEMBER 2021 ..... 8  
 TABLE 3. ROAD SUBPROJECTS PLANNED IN 2021 ..... 11  
 TABLE 4. AWP 2021 ACS ..... 12  
 TABLE 5: PROGRESS IMPLEMENTATION ACTION PLAN MOU DECEMBER ADB REVIEW MISSION ..... 21

## 1 General

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

## 2 The CFAVC Project

### 2.1 Outcome

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

### 2.2 Outputs

6. The CFAVC project has 3 Outputs as follows:

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

- i. Rehabilitating at least 15,000 Ha irrigation and water management infrastructure to climate-resilient condition;
- ii. Upgrading agricultural cooperatives’ value chain infrastructure (drying, processing and storage facilities of at least 80 cooperatives);



- iii. Improving the connectivity of farms to cooperatives and markets through climate-resilient farm road networks of at least 250 km length;
- iv. Strengthening the infrastructure for agricultural quality and safety testing at National Agricultural Laboratory; and
- v. Promoting renewable energy for value chain improvement.

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

Key activities under this output include

- i. Deploying climate-resilient varieties for rice and maize ;
- ii. Strengthening the capacity in climate-friendly production practices and technologies;
- iii. Forming and training Farmer Water User Committees, and
- iv. Promoting farm mechanization and extension.

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

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

**2.3 Location**

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

**2.4 Fund Resources**

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

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

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

### 3 General Developments

9. The most important developments during this 6-month reporting period were:
- Cambodia remained in the grip of Covid although towards the end of the year restrictions were eased, and as of mid-November 2021 for incoming air passengers the requirement of 2-week quarantine was lifted. Field meetings could be conducted from September 2021.
  - the ADB conducted their first review mission of the CFAVC project since the Inception Mission in January 2020 with the MOU shown in Annex 8 of this report;
  - The ADB updated the GAP as shown in Annex 9 of this report;
  - No PSC meetings were conducted in this reporting period.

### 4 Progress in Achieving DMF targets

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

### 5 Updated Physical Progress

11. In the year 2021 the accumulative physical progress of the CFAVC project nearly doubled from 12.87 % per December 31, 2020 to 24.82 % as per December 31, 2021 as shown in Table 2 with full details in Annex 2. Progress with Output 2 activities is the highest at 36.9 % and for Outputs 1 at 20.5 % and for Output 3 at 27.5 %.

Table 2. Physical Progress as per 31 December 2021

Output and Activities		Assigned weight	Progress 2021			
			March	Jun	Sept	Dec
<b>Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient</b>						
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15.00	1.31	1.41	1.72	2.12
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5.00	0.14	0.02	0.02	0.02
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15.00	1.82	2.02	2.60	3.24
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15.00	1.07	1.13	3.01	3.90
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	5.00	1.17	1.69	2.15	2.52
1.f1	12,000 Bio-digesters made operational benefiting 40,000 persons (50% are women)	5.00	0.29	0.43	0.62	0.84
1.f2	6,000 Compost-huts made operational benefiting 40,000 persons (50% are women)	5.00	0.28	0.39	0.47	0.68
<b>sub-total Output 1</b>		<b>65.00</b>	<b>6.09</b>	<b>7.08</b>	<b>10.59</b>	<b>13.30</b>
<b>Output 2 – Climate-smart Agriculture and Agribusiness Promoted</b>						
2.a	3 Additional climate-resilient varieties of rice and maize released	5.00	0.51	0.71	0.91	0.99
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5.00	0.57	0.64	0.88	0.76
2.c.1	27 FWUCS of FWUGS made full operational	3.00	0.35	0.38	0.46	0.48

Output and Activities		Assigned weight	Progress 2021			
			March	Jun	Sept	Dec
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
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	2.00	0.93	1.08	1.26	1.46
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	2.00	2.36	2.83	3.51	3.69
<b>sub-total Output 2</b>		<b>20.00</b>	<b>4.72</b>	<b>5.67</b>	<b>7.02</b>	<b>7.39</b>
<b>Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced</b>						
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	2.00	0.47	0.68	0.81	0.95
3.b	Good Agriculture Practice for tropical fruit endorsed	2.00	0.47	0.71	0.83	1.02
3.c	Good Agriculture Practice for organic fertilizer endorsed	2.00	0.44	0.54	0.61	0.65
3.d	50 Staff from financial institutions trained in CSA and green finance	2.00	0.24	0.34	0.60	0.72
3.e	30 agribusinesses trained in green finance and CSA	2.00	0.24	0.34	0.40	0.44
3.f	20,000 Households provided with information on climate risk-sharing instruments	2.00	0.20	0.28	0.32	0.35
3.g	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	3.00	0.00	0.00	0.00	0.00
<b>sub-total Output 3</b>		<b>15.00</b>	<b>2.06</b>	<b>2.88</b>	<b>3.56</b>	<b>4.13</b>
OUTPUT	Output 1	65.00	6.09	7.08	10.59	13.30
	Output 2	20.00	4.72	5.67	7.02	7.39
	Output 3	15.00	2.06	2.88	3.56	4.13
<b>TOTAL Output (1 + 2 + 3)</b>		<b>100.00</b>	<b>12.87</b>	<b>15.63</b>	<b>21.18</b>	<b>24.82</b>

## **6 The Project Outputs Progress**

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

#### **6.1.1 Output 1.a: Rehabilitation of Irrigation Schemes**

##### **6.1.1.1 Step 1: Scheme Selection and Feasibility**

- For details on scheme feasibility and DED reference is made to Annex 6, for the Social Screening to Annex 3.1 and for the Environmental Screening to Annex 4.1 .

##### **6.1.1.2 Step 2: Topo-survey**

- Toposurveys are finished in all 9 AWP 2020 schemes, covering 3.250 ha, and just contracted for all 18 AWP 2021 and AWP 2022 irrigation schemes. .

##### **6.1.1.3 Step 3: DED**

- For details on progress with Design reference is made to Annex 6.

##### **6.1.1.4 Step 4: Procurement**

- On 17 December 2021, letters confirming for the successful and unsuccessful bidders were issued to the construction companies under package MOWRAM-CFAVC-TEO-CW15.1. And on 20 December 2021 the contract agreement under the package, covering command area of 750 ha was signed.

##### **6.1.1.5 Step 5: Implementation**

- First interim payment was released for the civil works of irrigation subprojects under package MOWRAM-CFAVC-TBM-CW13.1, located in Tbong Khmum province, the financial specialist is checking this payment.
- The Pre-impact assessment and evaluation of the first completed scheme (Trapeang Run) was conducted from 27 to 31 December 2021.

##### **6.1.1.6 Step 6: O&M by FWUC**

Nothing to report as no activities yet.

#### **6.1.2 Output 1.b.1: 800 on-farm rainwater harvesting ponds commissioned**

- Awaiting RGC decision on which EA will implement these works.

#### **6.1.3 Output 1.b.2: 15 drip irrigation demonstration**

- Awaiting RGC decision on which EA will implement these works.

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

##### **6.1.4.1 Step 1: Scheme Selection and Feasibility**

- The farm-road program planned for 2020 consisting of 8 subprojects divided into 4 packages, with total length of 71.099 km, see Annex 7.
- The FS of the 20 subprojects were reviewed, finalized and submitted to MRD on the 18 Nov 21 for further action to ADB.
- The Affected Households (AHs) for the Takeo Road subprojects under packages CW17b-CFAVC-MRD-TK3-2020 (Lot 1) and CW17b-CFAVC-MRD-TK4-2020 (Lot 2) were paid by GDR/MEF from the 8-10 Dec 2021, however the contract is not yet awarded awaiting official letter from the GDR to MRD confirming that the contractor can proceed with the construction works, see table 6.1 of Annex 6.
- The overall feasibility studies have been progressed 100% completed.

- For details on Feasibility Study and DED reference is made to Annex 7, for Social Safeguard screening to Annex 3 and for Environmental Screening to Annex 4.

#### 6.1.4.2 Step 2: Toposurvey

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

#### 6.1.4.3 Step 3: DED

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

#### 6.1.4.4 Step 4: Procurement

- The procurement processes were completed for these road subprojects with total contract value of \$ 8,665,818.34, see table 6.2 of Annex6. However, the contracts for these road subprojects could not be awarded due to awaiting social safeguard clearance, see table 6.2 of Annex 6.
- Twenty road subprojects planned in 2021 have been divided into 8 packages with total road length of about 100 km, and these roads are under the design process with estimate cost of \$ 14,000,000.00. The contract package numbers for these roads are shown in below table 3.

Table 3. Road Subprojects Planned in 2021

Package names	Remarks
1-CW17a-CFAVC-MRD-KP-01-2021 (Package No. 5)	743,400
2-CW17a-CFAVC-MRD-KP-02-2021 (Package No. 9)	901,600
3-CW17a-CFAVC-MRD-KP-03-2021 (Package No. 9)	924,000
4-CW17a-CFAVC-MRD-KP-04-2021 (Package No. 5)	536,200
5-CW17b-CFAVC-MRD-TK01-2021 (Package No. 10)	756,000
6-CW17b-CFAVC-MRD-TK02-2021 (Package No. 6)	1,155,000
7-CW17b-CFAVC-MRD-TK03-2021 (Package No. 6)	686,000
8-CW17b-CFAVC-MRD-TK04-2021 (Package No. 10)	476,000
9-CW17b-CFAVC-MRD-TK05-2021 (Package No. 10)	567,000
10-CW17c-CFAVC-MRD-TBK-01-2021 (Package No. 7)	1,141,000
11-CW17c-CFAVC-MRD-TBK-02-2021 (Package No. 7)	770,000
12-CW17c-CFAVC-MRD-TBK-03-2021 (Package No. 11)	686,000
13-CW17c-CFAVC-MRD-TBK-04-2021 (Package No. 7)	396,200
14-CW17c-CFAVC-MRD-TBK-05-2021 (Package No. 11)	203,000
15-CW17c-CFAVC-MRD-TBK-06-2021 (Package No. 11)	394,800
16-CW17c-CFAVC-MRD-TBK-07-2021 (Package No. 11)	394,800
17-CW17d-CFAVC-MRD-KC-01-2021 (Package No. 12)	550,200
18-CW17d-CFAVC-MRD-KC-02-2021 (Package No. 12)	770,000
19-CW17d-CFAVC-MRD-KPC-03-2021 (Package No. 8)	683,200
20-CW17d-CFAVC-MRD-KC-04-2021 (Package No. 8)	1,087,800

#### 6.1.4.5 Step 5: Implementation

Nothing to report as no activities yet.

#### 6.1.4.6 Step 6: O&M by FWUC

Nothing to report as no activities yet.

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

- The 20 AWP 2020 AC Storages, which the contract was signed on 16<sup>th</sup> Aug 2021, is under construction process. Hence the construction work progress achieved so far is minimal ranging from about 14.59%, 0.44%, 2.6% and 4.78% for Kampot, Takeo, Kampong Cham and Tbong Khmum respectively.
- Several meetings were conducted between the project and the contractor finding out ways to speed up the construction works. The request for the extension of the construction work contracts prepared and submitted to the PMU for review and approval
- The bidding document for the 35 AWP2021 ACs is completed (see table 4) and was submitted to the ADB for further review and provide no-objection letter (NOL).

Table 4. AWP 2021 ACs

Activities	Province names	Unit	Annual Target 2021
35 ACs Planned for project support in 2022	Takeo	ACs	13
	Kampot	ACs	8
	Kampong Cham	ACs	4
	Tnong Khmum	ACs	10
			<b>35</b>

- The AWP2022 remaining 25 ACs are under the process of identification and selection, including the detailed engineering design.
- The AC storages have been designed to equip with solar energy to be installed with solar panels on roof top of the building. The Feasibility studies and assessing the potential application for the photo voltaic among the ACs were assessed to reduce energy cost among agribusinesses in the value chain. The FS was assessed by the National Photo-Voltaic Specialist during 22-29 Nov 2021.

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

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

- Lab equipment, materials, chemical & reagents were submitted and accepted by the project procurement.
- The design for Lab room renovation together with the engineering drawings and the BoQ estimations completed and submitted to procurement unit for further review and acceptance
- The design for Green-House (net/shade house) together with the engineering drawings and the BoQ estimations completed and submitted to procurement unit for further review and acceptance
- Material specification for greenhouse was prepared and was submitted to engineering team for bidding document preparation.

#### **6.1.6.2 1.e.2: Bio-fertilizer & Bio-pesticide Production and Quality Testing**

---

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

#### **6.1.6.3 1.e.3: Plant Tissue Culture Development**

---

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

#### **6.1.6.4 1.e.4: Support to achieve ISO 17025 accreditation compliance/registration**

---

- No activity has been undertaken yet awaiting expert mobilization;

#### **6.1.6.5 Sub-target 1.e.4: Improve Staff Competencies**

---

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

#### **6.1.6.6 Sub-target 1.e.5: Support in business plan to get recovery**

---

- No activity has been undertaken yet awaiting expert mobilization;

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

#### **6.1.7.1 Step 1: Socialization**

---

- In the framework of socialization of this activity has the CS02 team conducted the following activities in this reporting period:
  - (i) Conducted integration workshop on national policy for biodigester development in Cambodia. Total 56 people, 6 are women, participated from relevant stakeholders
  - (ii) Conducted coordination meeting among PPIUs and relevant stakeholders to speed up and monitoring activities implementation. Total of 22 people participated in the meeting
  - (iii) Conducted commune and provincial workshop biodigester and compost hut program information dissemination to relevant stakeholders. Total of 50 people participated in the workshop
  - (iv) Conducted field coaching for 10 group of farmers with 120 people, 33 are women
  - (v) Selected 11 model farmers, 7 are women for conducting on-far, demonstration with using bio-slurry on food crop production.

#### **6.1.7.2 Step 2: Identification of Potential Beneficiaries**

---

- Identification of new additional eligible and interested farmers for biodigester and compost hut construction through field coaching and mentoring on promotion and marketing via small group or village meeting to identify and select interested clients. A total of 819 new

eligible clients for biodigester and 410 new clients for compost hut program identify and selected across target provinces

#### 6.1.7.3 Step 3: Survey and DED

---

- In progress

#### 6.1.7.4 Step 4: Procurement

---

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

#### 6.1.7.5 Step 5: Implementation

---

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

### 6.2 Output 2: Climate Smart Agriculture and Agribusiness Promoted

#### 6.2.1 Seed deployment, during the reporting period, achieved as the following:

##### 6.2.1.1 New Rice Variety Development

---

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

##### 6.2.1.2 New Cassava Variety development

---

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

##### 6.2.1.3 Laser land leveling, during the reporting period

---

Followed up data collection for laser land levelling. Total of 418.58 ha of paddy field identified for laser land levelling

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

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

During the reporting period, achieved as the following:

- Conducted TOT training on CSA to PPIU's staff in Kampot, with total of selected 30 staff, from this 9 are women participated in the training
- Conducted training on agribusiness development skills training to AC members and farmer groups across target provinces with total of 150 people, 48 are women participation
- Conducted SRP training to farmers across target provinces with total of 1800 farmers, from this 1033 are women participated in the training
- Conducted CamGAP for mango-to-Mango training farmers across target provinces with total of 160 people, from this 55 are women participated in the training
- Conducted farm mechanization to farmer groups and AC members across target provinces with total of 125 people, from this 39 are women participated in the training
- Conducted training on drip irrigation system to farmer groups with total of 20 people, from this 13 are women.

#### 6.2.3 Establishment of FWUCs and Training of FwuC members

- FWUC establishment Disseminate the sub-degree 31 to local authorities and beneficiaries of Trapeang Beung
- A workplan and budget was made for the AWP22



#### **6.2.4 O&M of FWUCs of irrigation schemes**

- Not yet started as no schemes completed.

#### **6.2.5 Construction of PADCs**

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

#### **6.2.6 Construction of Agricultural Workshops**

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

### **6.3 Output 3: Enabling Environment for Climate Friendly Agribusiness Enhanced**

#### **6.3.1 Development of Policy on gender responsive Climate friendly Policy**

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

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

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

#### **6.3.3 Training on Agribusiness and Green Finance Instruments**

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

#### **6.3.4 ITC development**

- Due to the delay in the recruitment of the CS04 consultant no progress to report.

## **7 Social Due Diligence**

12. Work achievements for social safeguard activities during the reporting period are as following.

### **7.1 General**

- For the Semi-annual Social Safeguard monitoring reports Jan-Jun 2021 and Jul-Dec 2021, the ADB on 09 Dec 2021 has approved to consolidate the two report into one report Jan-Dec 2021. The report is now in the process of preparation is about 90% completed and it will be submitted to ADB early 2022 for reviewing and commenting.
- For full details reference is made to Annex 3.

### **7.2 MAFF**

- Preparation of the DDR for the AWP2021 35 ACs is in progress and is about 70% completed.

### **7.3 Irrigation Sub-projects**

- Resubmitted the DDR for the two irrigation sub-projects, Kraing Empil & Prey Kdouch under package name MOWRAM-CFAVC-TEO-CW15.1 to the ADB on Thursday, December 16, 2021 PM for reviewing and commenting.
- Finalized the DDR for Tboung Khmum irrigation subproject, Trapeang Tros under package MOWRAM-CFAVC-TBM-CW13.1, the DDR report was submitted to the GDR for reviewing and commenting on 20 November 2021. The GDR will do finalizing of the report and will submit to the ADB early January 2022.
- The preparation of the DDR for the O'kamprok and Pram Kumpheak irrigation subprojects located in Kampong Cham province, Stueng Trang district under package MOWRAM-CFAVC-KPC-CW14.1 has been completed about 80%. The report preparation is expected to be ready submission to ITP by 1st week of January 2022 for validation and verification.

### **7.4 Farm Roads**

- For full details reference is made to Annex 3.2.

#### **7.4.1 Work Progress for road subprojects planned for project support in 2020**

- The compensation payment for the Phlov Lek 122 (Klong Tvea Wat Totea)- Phlov Tonle Bati under package CW17b-CFAVC-MRD-TK3-2020 (Lot 1) and for the road subproject Wat Ang Andaet-Rumchek- Kraing Ampil under package CW17b-CFAVC-MRD-TK4-2020 (Lot 2), covering road lengths of 10.01 and 4.67 km, respectively were made by 2nd week of December 2021,
- RN73- Khcheay- Wat Thmey under package CW17c-CFAVC-MRD-TBK-5-2020 and Ta Pao- Sangkum Meanchey under package CW17c-CFAVC-MRD-TBK-6-2020 cover road length of 9.77 km and 12 km respectively are currently under the Independent Third Party Review process
- Sambo-Sopheas Road subproject under package CW17d-CFAVC-MRD-KC7-01-2020 (Lot 1) and Sopheas-O'Beng road subproject under package CW17d-CFAVC-MRD-KC8-02-2020 (Lot 2) covering road length 9.88km and 4.72km respectively the DRPs are in the process of reviewing by the GDR. The reports are expected to be submitted to the ADB for NOL during Dec 2021.

#### **7.4.2 Work Progress for road subprojects planned for project support in 2021**

- The Feasibility study reports for the following road packages: 1) CW17a-CFAVC-MRD-KP-01-2021, 2) CW17a-CFAVC-MRD-KP-02-2021, 3) CW17a-CFAVC-MRD-KP-03-2021, 4) CW17a-CFAVC-MRD-KP-04-2021, 5) CW17b-CFAVC-MRD-TK01-2021, 6) CW17b-CFAVC-MRD-TK02-2021, 7) CW17b-CFAVC-MRD-TK03-2021, 8) CW17b-CFAVC-MRD-TK04-2021, 9) CW17b-CFAVC-MRD-TK05-2021, 10) CW17c-CFAVC-MRD-TBK-01-2021, 11) CW17c-CFAVC-MRD-TBK-02-2021, 12) CW17c-CFAVC-MRD-TBK-03-2021, 13) CW17c-CFAVC-MRD-TBK-04-2021 were already submitted to the PMU.

## **8 Environmental Due Diligence**

13. Work achievements for Environmental safeguard activities during the reporting period are as following. For more details reference is made to Annex 4.

### **8.1 General**

- An incomplete first draft of the Third Semi-Annual Environmental Monitoring Report (July-Dec 2021) (SERM#3) was submitted to ADB for reviewing and commenting, the report is covering subproject implementations under MAFF.

### **8.2 MAFF sub-projects**

### **8.3 Irrigation Sub-projects**

- The final draft of IEE/EMP report for irrigation subprojects package under No. MOWRAM-CFAVC-KPC-WC14-1, Pram Kumpheak and O Kamprok, covering command areas of 900 ha and 350 ha, respectively including public consultation meeting was prepared and revised based on second comment of the ADB and the report was sent to the ADB for rechecking on 15 Dec 2021. The report is currently under reviewing by the ADB.
- Conducting the environmental safeguard screening and interviewing with the local communities for irrigation subprojects planned in 2021 in Tboung Khmum provinces, those subprojects are Tboung Damrey and Kampong Raing Schemes. The screening and interviews were also conducted with the project stakeholders for the irrigation schemes planned in 2022, and those schemes are Kraing Ampil, and Chaom Taheung..
- Working closely with CS5 MOWARM ENVIRONMENTAL specialist for drafting of the IEE/EMP report for irrigation subproject under package MOWRAM-CFAVC-KPC-WC12-1 (Takoch subproject), the report preparation is of about 70% completed, see Annex 2.
- The consolidated IEE/EMP report preparation for the AWP2021 irrigation subprojects, covering 5,028 ha, is about 15% completed.

### **8.4 Farm Road Sub-projects**

- The Environmental Safeguards activities progresses for the farm-road subprojects during the reporting period were the continuation for the preparation of the consolidated IEE/EMP reports for the following road sub-projects packages, CW17a-CFAVC-MRD-KP-01-2021, CW17a-CFAVC-MRD-KP-02-2021, CW17a-CFAVC-MRD-KP-03-2021, CW17a-CFAVC-MRD-KP-04-2021, CW17b-CFAVC-MRD-TK01-2021, CW17b-CFAVC-MRD-TK02-2021, CW17b-CFAVC-MRD-TK03-2021, CW17b-CFAVC-MRD-TK04-2021, CW17b-CFAVC-MRD-TK05-2021, CW17c-CFAVC-MRD-TBK-01-2021, CW17c-CFAVC-MRD-TBK-02-2021, CW17c-CFAVC-MRD-TBK-03-2021, CW17c-CFAVC-MRD-TBK-04-2021, CW17c-CFAVC-MRD-TBK-05-2021, CW17c-CFAVC-MRD-TBK-06-2021, CW17c-CFAVC-MRD-TBK-07-2021, CW17d-CFAVC-MRD-KC-01-2021, CW17d-CFAVC-MRD-KC-02-2021, CW17d-CFAVC-MRD-KPC-03-2021, CW17d-CFAVC-MRD-KC-04-2021. The draft IEE report preparations for these road sub-projects have been progressed about 70% completed, covering total road length of about 100.77km.

## 9 Social Development and Gender (SDG)

- The CFAVC Project is categorized as Effective Gender Mainstreaming and the project promotes gender equality and women's empowerment through enhancing women's capacity in CSA production and processing, management and business, agricultural machinery use and maintenance, accessing and using financing and crop insurance, and through strengthening linkages between women-led enterprises and the agribusiness industry.
- One of the main gender-related conclusions of the November 2021 ADB review mission was that while in general progress of GAP implementation is in line with the overall project progress, the GAP was in need of updating as it does not align with the project's DMF. This was also noted from feedback received from the gender focal points (GFPs) and ADB gender team, the gender team has streamlined and simplified the GAP without changes to the project.
- The new GAP is shown in Annex 9. The gender focal at ADB informally endorsed the revised GAP but the endorsement from EA is pending
- The Mission asked PMUs and gender consultants to implement the following:
  - a. conduct consultations on the revised GAP with the chair of Gender and Children Working Group, MAFF and Gender Mainstreaming Action Group of MOWRAM and MRD and submit the GAP endorsement letter to ADB by 31 December 2021;
  - b. prepare a plan to specify how the project will engage Gender and Children Working Group and Women Farmers' Network in the project activities by 28 February 2022;
  - c. submit the desk review of gender analysis of target value chains and propose the scope of the detailed study, if any, by 31 March 2022;
  - d. integrate all activities and targets of GAP into the project performance and management system (PPMS) by 30 April 2022;
  - e. improve the quality of GAP progress table and data consistency by 31 May 2022;
  - f. optimize the use of resources by joining other activities of the project or in collaboration with development partners ; and
  - g. demonstrate capacity improvement of the participants quantitatively for any related gender trainings in the GAP progress table. The GAP progress table should be included in the overall project progress report and updated accumulatively. The Mission stressed that the bidding documents and contracts should include relevant GAP provisions for contractors to comply
- During this reporting period several consultation meetings were organized with the ADB Gender focal points to discuss the modified GAP, proposed by the ADB. The ADB proposes to reduce the GAP target indicators from 20 to 11 and activities from 11 to 7 for the existing GAP to new GAP respectively. The new GAP is aligned with the DMF indicators, which were partly missing in the existing GAP and as well as in the ADB Operational Priorities<sup>1</sup> and in the internal data management. Another consultation is planned during November Q4 2021 to be hosted by the ADB with relevant EAs, IAs and the consultant teams. The new GAP will be applied for other ADB projects in the region such as in Myanmar and Laos PDR, it will be endorsed by the ADB Senior management. More details see Annex 11.
- The preparation of Training materials handouts to build the capacity of the provincial knowledge on gender mainstreaming, and capacity on work-plans improvements etc. The activity is referring to GAP target 16.

---

<sup>1</sup> All the GAP outputs and Targets for the new GAP should be directly aligned between the DMF and the GAP and as well as the ADB Operational Priorities (OPs) and internal data management.

- Meetings with the CS team was organized aiming to obtain knowledge and data from the project teams and aiming to plan for Social study/Gender analysis/Value Chain analysis. The concept note for the study was drafted and was shared to the TL and DTL on 15th September 2021 for reviewing and commenting. The ToR was advised to be submitted to the ADB Gender focal points for their reviews and advices. The activity is reflecting GAP target 15.

In implementing the recommendations of the ADB November 2021 review mission the following activities have been implemented in the month of December 2021:

- On 03<sup>rd</sup> December 2021, a zoom meeting with the Gender working group (from MAFF, MOWRAM and MRD) was organized to discuss the new GAP AWP 2022 and to prepare AWP and budget plan from 2022 -2026. 9 participants were attended into the meeting and 7 of them equivalent to 78% are female.
- Preparation of the Gender AWP and BWP for 2022 and Gender AWP and BWP for period from 2022- 2026,
- On 14<sup>th</sup> December 2021, a meeting was organized with H.E Horm Maline, Chair of the technical working group for Gender and Children, aiming to discuss and to get approval for the endorsement of the activity plans and budget for the new GAP AWP and budget for 2022 and to present and discuss the budget and AWP for period from 2022 -2026. 9 participants were attended into the meeting and 7 or 78% of them are female.
- From 08<sup>th</sup> - 09<sup>th</sup> December 2021 attending into the workshop on the preparation of the Budget Breakdown and consolidation for AWPB 2022. The workshop was organized in Seam Reap province at the regency Hotel. 40 participants were attended in the workshop and 8 of them are female.
- From 23<sup>th</sup>-24<sup>th</sup> December 2021, attended into the workshop on dissemination and integration of policy on biodigester in Cambodia, it was organized from 2021 to 2030 and preparation of documentation (The role of women in the implementation of biogas policy in Cambodia),

## **10 MAFF Procurement**

### ***10.1 Goods***

- The certified letter of acceptance for the selection of supplier for the supply and installation of Forty (40) Tyres for Ten (10) Pick-up Trucks was signed on 3<sup>rd</sup> Dec 2021. 20 of the 40 tyres will be used for the 5 MAZDA Pick-up and another 20 tyres will be used for 5 FORD RANGER pick-up.

### ***10.2 MAFF Civil works***

- Reviewing Bidding Document for the 35 AC storages planned for project support in 2022 under packages CW3b1 (Kampot and Takeo provinces) and CW3b2 (Kampong Cham and Tbong Khmum province), more details are referred to Annex 5.
- The updated bidding documents for the biodigesters and compost huts were finalized and sent to the ADB for review/endorsement.

### **10.3 Consultant service**

#### **10.3.1 CS O1**

- AESA has meanwhile proposed a proposal for additional TA resources up to the announced limit of \$ 212,000 and has submitted this to the PMU for their review. In this proposal the current team will more or less continue in the same constitution up to 31 August 2023 with more or less on full-time inputs for the 3 national DTLs and the MAF CS01 finance expert. The only change is that the National PPMS expert will have minimum inputs with his role replaced by 2 sub-professionals.
- Four National experts under CS1 proposed for replacement and rearrangement as following: replacement of the N-14 position and reallocation three experts for N-11, N-15, N-17, the request letter was submitted to ADB for NOL on December 2021.
- CS01 still has a number of outstanding VOs in process awaiting MEF approval, which is slowing down invoicing.
- Another issue of discussion concerns the basis of time-calculation for the international experts, as the PMU has been doing this per calendar-basis, which the Consultant is debating as for the national experts the time cards are based on working days.
- On 20<sup>th</sup> Dec 2021 AESA submitted replacement letter for the financial expert based in MRD. Later, on 27 Dec 2021 the invitation letter for the PRC meeting was issued and on 30<sup>th</sup> Dec 2021 the PRC meeting was held.

#### **10.3.2 CS O2**

- On 6<sup>th</sup> Dec 2021 e-Gen Consulting firm submitted letter to PMU for mobilization of the ISO 17025 Accreditation Compliance Specialist. Later, on 10<sup>th</sup> Dec 2021, the PRC meeting was held to discuss and approve for the selection of the specialist. Then on 14<sup>th</sup> Dec 2021 the PRC minute was prepared and was submitted to the ADB for NOL on 21<sup>st</sup> Dec 2021.

#### **10.3.3 CS O3**

- During the ADB review mission the Mission expressed strong concern to CARDI team regarding long delays in finalizing the terms of reference for CS3 package to assist CARDI in multiplication and deployment of climate resilient varieties of rice (CAR 16 and Phka Mealdei), one variety of maize (CM1), CMV (cassava mosaic virus) tolerant cassava and high yielding double season mango varieties amenable for floral manipulation. The Mission noted that CARDI should decide on the type and level of support needed from IRRI or other organizations, including the types of international and national experts to deliver the tasks. IRRI will then be invited to submit a technical and financial proposal to develop and deploy climate resilient varieties and assist with implementation of capacity building program on CSA. The Mission asked CARDI to submit the updated terms of reference by 31 December 2021 prior to releasing the request for proposal, latest by 1 February 2022. The Mission noted that the support from IRRI is not to conduct basic research on screening germplasm but to focus more on multiplication of advanced lines of climate resilient varieties and their deployment in four target provinces. The Mission also stressed that individual specialists may be considered to assist CARDI, if IRRI is unable to provide the support needed by CARDI.

#### **10.3.4 CSO4**

- On 3<sup>rd</sup> Dec 2021 letter for submission of the request for proposal for the Information and Communication Technology ICT-CS4 from 6 shortlist consulting firms was prepared. Those 6 shortlist consulting firms are as following: 1), Detecon Asia-Pacific Ltd 2), PMSI Private Limited 3), Research Development Consultants Ltd 4), Ern & Young LLP 5), CAB International 6), AGT S.P.A. Then on 6<sup>th</sup> Dec 2021, the request for proposal letter for the ICT was issued to the three short list consulting firms 1). AGT S.P.A, 2) CAB International

and 3) Ern & Young LLP was issued. Later, on 7<sup>th</sup> Dec 2021 the request for proposal letter for the ICT was again issued to another three firms through e-email, and those three firms are 1), Detecon Asia-Pacific Ltd 2), PMSI Private Limited 3), Research Development Consultants Ltd.

### 10.3.5 CS05

- In this reporting period the VO 10 to the CS05 contract was effectuated, with which the CS05 team is now set-up as follows:
  1. International Consultants + Secretary at MAFF
  2. Farm-road FS & DD team located at MRD
  3. Irrigation FS & DD team located at MOWRAM
- On 3<sup>rd</sup> Dec 2021 Resource Development Consultant (RDC) submitted the letter request for the Replacement of AutoCAD Specialist under MoWRAM CS5. Later, on 10<sup>th</sup> Dec 2021 PRC meeting was held to discuss and approve for the replacement of New AutoCAD Specialist. And then on 15<sup>th</sup> Dec 2021 the PRC minute was prepared and on 21<sup>st</sup> Dec 2021 the replacement letter was submitted to the ADB for NOL.
- On 3<sup>rd</sup> Dec 2021, RDC submitted letter requesting for approval using contingency budget for recruitment of two additional Social Safeguard and Resettlement experts, one under MoWRAM, and another one under MRD. Later, on 10<sup>th</sup> Dec 2021 PRC minute meeting was held to discuss and approve for the selection of the two specialists. And on 13<sup>th</sup> Dec 2021 the PRC minute meeting for evaluation and selection the two SS specialists was prepared, then on 20<sup>th</sup> Dec 2021, letter for the mobilization of the two experts was submitted to the ADB for NOL.
- On 15<sup>th</sup> Dec 2021 RDC submitted to PMU the Replacement and Appointment letter for the position of the Social Safeguard Specialist. Later, on 23<sup>rd</sup> Dec 2021 the PRC minute meeting was held to discuss and approve the request. And on 24<sup>th</sup> Dec 2021, PRC minute meeting was prepared for the replacement and appointment of the new specialist.

### 10.3.6 CS07

- The 2022 procurement Plan includes an allocation for the PMU to recruit the independent verification consultants for land conations for category C subprojects.

## 11 Financial Management

- Year to date expenditure as of 15 Dec 2021 was USD 3,116,253 and the Cumulative to date expenditure as of 15 Dec 2021 is USD 6,280,878. The project expenditure during Dec 2021 is \$265,194, which is the difference between the Year to date expenditure as of 15 Nov 2021, \$2,851,059 and the Year to date expenditure as of 15 Nov 2021, \$3,116,253. For more details reference is made to Annex 13/

## 12 Implementation Action Plan ADB Review Mission November 2021

- In the period 22 – 29 2021 November a virtual ADB review mission was conducted with the MOU shown in Annex 9. Table 5 shows the progress with the implementation of the Action Plan of this MOU.

Table 5: Progress Implementation Action Plan MoU December ADB review mission

ACTION	DUE DATE	RESPONSBLE	STATUS 31 Dec 21
Processing of the request for extension of the project completion date by 18 months to 31 March 2026	30 November 2021	PMU, MEF and ADB	<ul style="list-style-type: none"> <li>• letter sent</li> <li>• Letter sent</li> <li>• Not due yet</li> </ul>
(i) Letter from MAFF to MEF	31 December 2021		
(ii) MEF to ADB	15 January 2022		
(iii) ADB to MEF			



ACTION	DUE DATE	RESPONSIBLE	STATUS 31 Dec 21
Organization of Project Steering Committee meeting	31 January 2022	PMU	Scheduled for February 7, 2022
Approval of 2022 work plan and budget	15 February 2022	PMU, MEF	Not due yet
RGC Decision on IA for ponds and drip irrigation	31 January 2022	MEF	As PSC meeting
Analysis of needs for additional consultant inputs and associated budgets	15 January 2022	CS1, CS2 and CS5	In progress
<b>Irrigation and water management infrastructure</b> Master list of the first and second batch of irrigation subprojects with climate resilience measures and detailed schedule <ul style="list-style-type: none"> <li>Completion of topographic surveys, feasibility studies, for the second batch of 10 irrigation subprojects</li> <li>Confirmation of the final batch of irrigation subprojects</li> <li>DED (including safeguards screening) and approvals</li> <li>Contract signing for the completed schemes</li> <li>Preparation of O&amp;M plan for Trapeang Run Irrigation subproject completed</li> <li>Impact assessment for Trapeang Run Irrigation subproject completed</li> </ul>	15 January 2022  31 March 2022  31 May 2022  30 June 2022  30 September 2022 31 December 2021  28 February 2022	CS1, CS5, and MOWRAM	<ul style="list-style-type: none"> <li>In progress</li> <li>Not due yet</li> <li>Not due yet</li> <li>Not due yet</li> <li>Not due yet</li> <li>Not due yet</li> <li>Completed</li> </ul>
<b>Agricultural Cooperatives infrastructure</b> <ul style="list-style-type: none"> <li>Invitation for bids for second batch of 35 agriculture cooperatives including solar energy issued</li> <li>Master list of the first batch of agricultural cooperatives with climate actions and detailed schedule completed</li> <li>Identification of the remaining 25 ACs</li> <li>Master list of the second batch of agricultural cooperatives with climate actions and detailed schedule completed</li> <li>Invitation for bids for final batch of 25 agriculture cooperatives including solar energy issued</li> </ul>	31 January 2022  31 January 2022  15 March 2022  30 April 2022  30 September 2022	CS2, MAFF	<ul style="list-style-type: none"> <li>In progress, document submitted to ADB for NOL</li> <li>Completed and submitted to ADB for review and acceptance</li> <li>In progress, 11 potential ACS found</li> <li>Completed and submitted to ADB</li> <li>Not due yet</li> </ul>
<b>Rural connectivity infrastructure</b> <ul style="list-style-type: none"> <li>Completed compensation payment for CW17b for Takeo province</li> <li>Construction of the first batch of 8 farm road subprojects completed</li> <li>Invitation for bids for the second batch of 20 rural road subprojects issued</li> <li>Quantification of COVID-19 impact on costing of farm road subprojects</li> </ul>	31 December 2021  30 September 2023  28 February 2022  31 January 2022	CS1, CS5, GDR and MRD	<ul style="list-style-type: none"> <li>In progress</li> <li>In progress</li> <li>In progress</li> <li>In progress</li> </ul>
<b>Laboratory infrastructure</b> <ul style="list-style-type: none"> <li>Finalization of draft national standard for biofertilizer production and quality testing and manual on plant tissue culture</li> <li>Bidding documents for laboratory renovation, net house construction, and laboratory equipment submitted to ADB along with a status paper on laboratory renovation needs</li> </ul>	31 January 2022  31 December 2021  31 December 2021	CS2, GDA	<ul style="list-style-type: none"> <li>Completed first draft</li> <li>In progress</li> <li>Completed and submitted to the procurement unit for review</li> </ul>



ACTION	DUE DATE	RESPONSIBLE	STATUS 31 Dec 21
<ul style="list-style-type: none"> <li>Status Paper on laboratory renovation</li> <li>Invitation for bids for laboratory renovation, net house, and laboratory equipment issued</li> </ul>	1 February 2022		<ul style="list-style-type: none"> <li>In progress</li> </ul>
<b>Renewable energy infrastructure</b> Revised bidding document for first batch of biodigesters and compost huts submitted to ADB	31 December 2021	CS2, GDAHP	<ul style="list-style-type: none"> <li>Completed and submitted to ADB</li> </ul>
<b>Climate-resilient varieties</b> <ul style="list-style-type: none"> <li>Terms of reference for CS3 Package - Variety Development Consulting Firm improved</li> <li>Request for proposal for CS3 Package issued</li> <li>Policy brief to help CARDI's commercialization program developed</li> </ul>	31 December 2021  1 February 2022  30 April 2022	CS2 and CARDI	<ul style="list-style-type: none"> <li>Completed and submitted to the ADB</li> <li>Awaiting NOL from ADB</li> <li>Not due yet</li> </ul>
<b>Capacity Building</b> <ul style="list-style-type: none"> <li>Adoption of ASEAN CSA guidelines for target crops</li> <li>Revised masterplan on capacity building for CSA, GAP and SRP</li> <li>100 mango farmers (at least 30 women) trained on compliance with CAMGAP for tropical fruit</li> </ul>	31 May 2022  15 January 2022  30 June 2022	CS2, GDA PDAFF	<ul style="list-style-type: none"> <li>Not due yet</li> <li>In progress</li> <li>Not due yet</li> </ul>

### 13 Adherence to Loan Covenants

14. The CFAVC adheres to all loan covenants as follows:

- a) *Compliance with Policy Loan Covenants* The Project complied with all Sector / Policy Covenants as shown in Annex 10
- b) *Compliance with Other Covenants* The project has been complying with the few other covenants mentioned in the loan and grant agreements as shown in Annex 10.
- c) *Compliance with Financial Covenants* The project has been complying with the financial Covenants as shown in Annex 11
- d) *Compliance with Safeguard Covenants* The project has been complying with the Safeguards Covenants as Shown in Annex 12

### 14 Issues and Constraints

- The AWPB 2021 was in principle approved and allowed to implement, but never officially yet signed and stamped by MEF and ADB.
- There was not been a PSC meeting since February 2020.
- The Ongoing Covid 19 Crisis continues to hamper implementation of activities. The lockdown of Phnom Penh and some provinces in April – May 2021 prohibited travel of staff, and any activity that required meetings. It also made ADB's supervision mission that was scheduled for April 2021 impossible, which was finally conducted at the end of November 2021.
- Up until mid-November 2021 was the mobilization of international experts is challenging due to the need for a 2- week quarantine after arrival before allowing to enter Cambodia and in many countries also after the end of the assignment in their home country. As a result, many experts are working from their country of residence, which the PMU has permitted.

- The fact that the CS03 and CS04 consultant are still not contracted is delaying the implementation of some activities of Output 3.
- The lack of CS05 DED and CS05 and CS01 capacities in the field of social safeguards have caused delays in feasibility studies and DED implementation that holds up implementation of the 1.a (irrigation) and 1.c (rural roads) subcomponents.
- There is slow construction works progress for the PADCs, the Mechanization engineering workshops and the warehouses at the start, and the reasons are due to several consecutive days of rainfall, which interfere in foundation works excavation and the roads to the project sites could not be accessed. However, some of the sites the construction works could progress well.

## **Annexes**

Annex 1. Update DMF Indicators as per 31 December 2021

DMF Performant Milestones/Indicators	Unit	Baseline	Target	Physical Progress			
				PPMS1 (June 20}	PPM2 (Dec 20}	PPMS3 (June 21}	PPMS4 (Dec 2021}
<b>OUTCOMES (by 2026)</b>							
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	00	50	0			
Water saving (5-10% efficient)	%	0					

	Energy saving (20%)	%					
	Post harvesting losses (10%)	%					
<b>Output. 1. Critical agribusiness value chain infrastructure improved and made climate resilient</b>							
1.a	Irrigation and water management systems rehabilitated and made climate resilient (2017 baseline: 0).						
	Number of irrigation and water management systems improved	Irrigation Systems	27	0	0	1	3
	Size of land with improved irrigation	Ha	15,000	0	0	100	235
	Number of households benefitted	Household	25,000	0	0	185	780
	Number of woman benefitted	woman	50,000	0	0	555	2100
	Number of scheme O&M plans made	Plans	27	0	0	0	1
1.b	on-farm rainwater harvesting ponds commissioned (2017 baseline: 0).	Pond	800	0	0	0	0
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	0
1.c.2	Length of Km farm-roads for which an O&M plan is made	KM	250	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	0
1.d.2	Number of ACs for which an O&M plan is made	AC	80	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				

1.e.2	Crop product quality and safety testing infrastructure in National Agricultural Laboratory upgraded generate service income more than \$75,000		USD	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
	1.f.1.2	number of persons benefitted?	Person	40,000	0	0	0	0
	1.f.1.3	number of woman benefitted	woman	20,000	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
	1.f.2.2	Number of person benefitted	persons	40,000	0	0	0	0
	1.f.2.3	number of woman benefited	woman	20,000	0	0	0	0
			Person	11,468				
1.f.3.1	national standard bio-digester and bio-slurry developed		Standard	1	0	0	0	0
1.f.3.2	national policy on bio-digester and bio-slurry developed		Policy	1	0		0	0
<b>Outputs. 2. Climate Smart Agriculture and Agribusiness promoted</b>								
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	0	0	0	0
	2.a.2	Number of new maize varieties released	Variety	1	0	0	0	0
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	Person	40,000				

	2.B.1.2	Number of females trained in CSA	Woman	16,000	0			
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).							
		Number of farmers trained in agribusiness skills	Person	40,000				
		Number of females trained in agribusiness skills	Woman	16,000	100	700	1209	1250
2.C.1	Making FWUCs/FWUGs operational (2017 baseline: 0).		FWUCS	27	0	0	1	1
2.c.2	2.c.2.1	Training FWUC/FWUG members to operate and maintain their irrigation schemes (2017 baseline: 0).	Persons	500				1
	2C.2.2	Training female FWUC/FWUG members to operate and maintain their irrigation schemes (2017).	Woman	150				
2.c.3	Number of FWUC/FWUG2 able to operate and maintain their irrigation schemes (2017 baseline: 0).		FWUCS	27				
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	0	0	0	3
	2d.2	Number of engineering workshops made fully operational to provide agribusiness services and strengthen farmer value chain linkages	Workshop	4	0	0	0	3

### 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.1	Agribusiness and Gender responsive policy developed	Policy	1	0	0	0	0
	3.a.2	CSA Policy developed	Policy	1	0	0	0	0

3.a	3.a.3	Agro-Industry Policy developed	Policy	1				
	3.a.4	Contract Farming Inclusive Agribusiness Policy developed	Policy	1	0	0	0	0
	3.a.5	Proclamation/Prakas Supporting AC's Law	Policy	1	0	0	0	0
	3.a.6	PPP-Initiative Agribusiness Policy developed	Policy	1	0	0	0	0
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	0	0	0	0
	3.b.2	CAMGAP for organic fertilizers endorsed as national standard for organic fertilizers	Standard	1	0	0	0	0
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	0	0	0	0
	3.c.2	Number of female staff from financial institutions trained in CSA and green finance	Person	18	0	0	0	0
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	0	0	0	0
	3.d.2	Number of women-led and/or owned agribusinesses trained in green finance and CSA	Woman	9	0	0	0	0
Providing information on climate risk sharing instruments (2017 baseline: 0).								



3.e	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	0	0
3.g.2	Supporting Climate Risk Management through Information and Communication Technologies (ICT)		Support	1	0	0	0	0

### DMF Performance Report

**Impact:**

Agricultural competitiveness improved (Agriculture Sector Strategic Development Plan, 2014-2018)

**Outcome:** Productive and resource-efficient agribusiness value chains developed in project areas.

Performance Indicators		Unit of Measure	Baseline		Target		Achievements to date
			Year	Value	Year	Value	
a.	By 2026 At least 15% increase in yields (2017 baseline: rice 2.7 tons/ha, maize 4 tons/ha, cassava 20 tons/ha and mango 15 tons/ha).	Percent	2017	0	2026	15	
<b>Data source:</b> MAFF agricultural census							
<b>Progress/Status:</b> Consultants from project implementation consulting firm (CS1); capacity building and climate-smart agriculture firm (CS2); and feasibility studies and detailed engineering design consulting firm (CS5) were only mobilized in Sept and Nov 2019.							
Mobilization of Variety Development consulting firm is expected by Q3							
2020. Inception mission completed in Jan 2020.							
b.	GHG emissions reduced by 240,000 tons of CO2 (2017 baseline: 0 tons reduced as a result of the project).	Value	2017	0	2026	240,000	
<b>Data source:</b> UNFCCC reports							
<b>Progress/Status:</b> Consultants from project implementation consulting firm (CS1); capacity building and climate-smart agriculture firm (CS2); and feasibility studies and detailed engineering design consulting firm (CS5) were only mobilized in Sept and Nov 2019.							
Mobilization of Variety Development consulting firm is expected by Q3							
2020. Inception mission completed in Jan 2020.							
c.	At least 50 agribusinesses become more resource-efficient in terms of water savings (5%–10% efficiencies); energy savings (20%); and reduction in postharvest losses (10%) (2017 baseline: 0).	Number	2017	0	2026	50	
<b>Data source:</b> PPMS reports							
<b>Progress/Status:</b> Consultants from project implementation consulting firm (CS1); capacity building and climate-smart agriculture firm (CS2); and feasibility studies and detailed engineering design consulting firm (CS5) were only mobilized in Sept and Nov 2019.							
Mobilization of Variety Development consulting firm is expected by Q3 2020.							
Inception mission completed in Jan 2020.							

**Outputs:**

Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020	
		Year	Value	Year	Value						
1.	<b>Output Statement:</b> Critical agribusiness value chain infrastructure improved and made climate-resilient.										
1.a.	27 irrigation and water management systems rehabilitated and made climate-resilient	Value	2017	0	2024	27	15	Progress			
								Progress Rating		AP - Delayed (≥ 7 months)	PP - Delayed (on target)
	<b>Data source:</b> PPMS annual progress reports										
	<b>Indicator Details:</b>										
	<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.										
	Identification and confirmation of 10 subprojects (first batch) completed in Q1 2020. Survey for these 10 subprojects are ongoing. Design and bidding documents for the Trapaing Run prepared and submitted to both ADB and Government safeguards relevant staff for review.										
1.a.i.	Covering 15,000 ha	Number	2017	0	2024	15000		Progress			
	<b>Data source:</b> PPMS annual progress reports										
	<b>Progress/Status:</b>										
1.a.ii	For 25,000 households	Number	2017	0	2024	25000		Progress			
	<b>Data source:</b> PPMS annual progress reports										
	<b>Progress/Status:</b>										
1.a.iii	At least 50,000 women	Number	2017	0	2024	50000		Progress			
	<b>Data source:</b> PPMS annual progress reports										
	<b>Progress/Status:</b>										
1.b.	800 on-farm rainwater harvesting ponds commissioned.	Value	2017	0	2024	800	5	Progress			
								Progress Rating		AP – Delayed (≥ 7 months)	PP - Delayed (on target)
	<b>Data source:</b> PPMS annual progress reports										

Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020	
		Year	Value	Year	Value						
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020. 54 out of 200 on-farm sites planned for 2020, were nominated based on approved eligibility criteria. 2 sites identified and design in progress for drip irrigation.											
1.c.	At least 250 km of farm roads upgraded to climate resilient standards to improve connectivity of farms to cooperatives and markets.	Value	2017	0	2024	250	15	Progress			
								Progress Rating		AP - Delayed (≥ 7 months)	PP - Delayed (on target)
<b>Data source:</b> PPMS annual progress reports MRD annual report											
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020. 8 roads in four provinces (with about 72 kilometers) identified. detailed survey and design are ongoing.											
1.d.	80 agricultural cooperatives have integrated adaptation measures in post-harvest infrastructure investments.	Value	2017	5	2024	80	15	Progress			
								Progress Rating		AP - Delayed (≥ 7 months)	PP - Delayed (on target)
<b>Data source:</b> PPMS annual progress reports MAFF annual progress reports											
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020. 20 agriculture cooperatives identified and preliminary design in progress.											
1.e.	Crop product quality and safety testing infrastructure in National	Value	2017	700	2024	1500	5	Progress			
	Agricultural laboratory upgraded to test 1,500 samples							Progress Rating			PP - Delayed (on target)

Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020
		Year	Value	Year	Value					
<b>Data source:</b> PPMS annual progress reports MAFF annual progress reports <b>Indicator Details:</b> <b>Progress/Status:</b> Inception mission completed in Jan 2020. National laboratory coordinator mobilized in Feb. 2020 (CS2). Mobilization of Variety Development consulting firm is expected by Q3 2020.										
1.e.i v.	of which more than \$75,000 service income is generated	Value	2017 0	2024 \$75000			Progress			
<b>Data source:</b> PPMS annual progress reports MAFF annual progress reports <b>Progress/Status:</b>										
1.f.	Additional 12,000 biodigesters made operational benefitting 40,000 persons including at least 50% women due to better household air quality	Value	2017 0	2024 12000	5		Progress			
<b>Data source:</b> PPMS annual progress reports MAFF annual progress reports <b>Indicator Details:</b> <b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020. Started bio-digester work plan with NBPO & PDAFFs										
1.f.v.	Benefitting 40,000 persons	Value	2017 0	2024 40000			Progress			
<b>Data source:</b> PPMS annual progress reports MAFF annual progress reports <b>Progress/Status:</b>										
1.f.vii	50% at least are women	Percent	2017 0	2024 50			Progress			
<b>Data source:</b> PPMS annual progress reports										

Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020	
		Year	Value	Year	Value						
MAFF annual progress reports											
<b>Progress/Status:</b>											
1.g.	Additional 6,000 compost huts made operational benefitting 40,000 persons including at least 50% women due to better household air quality	Number	2017	0	2024	6000	5	Progress			
								Progress Rating		AP - Delayed (≥ 7 months)	PP - Delayed (on target)
<b>Data source:</b> PPMS annual progress reports											
MAFF annual progress reports											
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission ongoing in Jan 2020.											
500 compost huts subprojects has been identified. Design ongoing.											
1.g.v	Benefitting 40,000 persons	Value	2017	0	2024	40000		Progress			
<b>Data source:</b> PPMS annual progress reports											
MAFF annual progress reports											
<b>Progress/Status:</b>											
1.g.v	50% at least are women	Percent	2017	0	2024	50		Progress			
iii.											
<b>Data source:</b> PPMS annual progress reports											
MAFF annual progress reports											
<b>Progress/Status:</b>											
2.	<b>Output Statement:</b> Climate-smart agriculture and agribusiness promoted.										
2.a.	Three additional climate-resilient varieties of rice and maize released	Number	2017	0	2024	3	5	Progress			
								Progress Rating		AP - Delayed (≥ 7 months)	OT - On track (on target)
<b>Data source:</b> PPMS annual progress reports											
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Inception mission completed in Jan 2020.											

Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020	
		Year	Value	Year	Value						
Consultants for variety development (CS3) are expected to be mobilized by Q3 2020. 2 climate resilient rice varieties and one climate resilient glutinous maize variety under progress for commercialization production.											
2.b.	40,000 farmers trained in Climate-Smart Agriculture and agribusiness development skills	Number	2017	0	2024	40000	5	Progress			
								Progress Rating		AP - Delayed ( ≥ 7 months)	OT - On track (on target)
<b>Data source:</b> PPMS annual progress reports											
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Inception mission completed in Jan 2020.											
Consultants for capacity building and climate-smart agriculture only mobilized in Sept 2019.											
Rice workshop conducted on 10 March 2020.											
Training materials to supports capacity building program for agriculture cooperative focusing on accounting, agribusiness, cooperative management, operation and maintenance of storage facilities, have been reviewed.											
2.b.i.	of which 16,000 are women	Number	2017	0	2024	16000		Progress			
<b>Data source:</b> PPMS annual progress reports											
<b>Progress/Status:</b>											
2.b.ii	of which 50% are SRP compliant with direct links to millers and exporters	Percent	2017	0	2024	50		Progress			
<b>Data source:</b> PPMS annual progress reports											
<b>Progress/Status:</b>											
2.c.	27 FWUCs or FWUGs made operational.	Number	2017	0	2024	27	3	Progress			
								Progress Rating		AP - Delayed ( ≥ 7 months)	OT - On track (on target)
<b>Data source:</b> PPMS annual progress reports											
<b>Indicator Details:</b>											

Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020	
		Year	Value	Year	Value						
<p><b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission ongoing in Jan 2020.</p> <p>10 FWUC formation has been submitted to MEF for review as part of the 2020 annual work plan.                      FWUC formulation and training materials developed.</p>											
2.d.	500 FWUCs or FWUGs	Number	2017	0	2024	500	3	Progress			
	members developed capacity to operate and maintain their irrigation schemes.							Progress Rating		AP - Delayed (≥ 7 months)	OT - On track (on target)
<p><b>Data source:</b> PPMS annual progress reports</p> <p><b>Indicator Details:</b></p> <p><b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission ongoing in Jan 2020.</p> <p>FWUC formulation and training materials developed.</p>											
2.d.iii	of which 30% are women	Percent	2017	0	2024	30		Progress			
<p><b>Data source:</b> PPMS annual progress reports</p> <p><b>Progress/Status:</b></p>											
2.e.	Four provincial agricultural development centers made fully operational to provide agribusiness services and strengthen farmer value chain linkages	Number	2017	0	2024	4	2	Progress			
								Progress Rating			OT - On track (on target)
<p><b>Data source:</b> PPMS annual progress reports</p> <p><b>Indicator Details:</b></p> <p><b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.</p> <p>3 PADC identified</p>											
2.f.	Four engineering workshops made fully operational to provide agribusiness services and strengthen farmer value chain linkages	Number	2017	0	2024	4	2	Progress			
								Progress Rating			OT - On track (on target)
<p><b>Data source:</b> PPMS annual progress reports</p>											



Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020	
		Year	Value	Year	Value						
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.											
One mechanization Workshop identified											
3. <b>Output Statement:</b> Enabling environment for climate-friendly agribusiness enhanced.											
3.a.	Climate-smart and gender-responsive agribusiness	Y/N	2017	N	2024	Y	2	Progress			
	policy for target commodities, including a PPP framework focusing on agribusinesses, formulated							Progress Rating		AP - Delayed ( ≥ 7 months)	Not due to start
<b>Data source:</b> PPMS annual progress reports											
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.											
3.b.	Cambodia good agricultural practice for tropical fruit endorsed as national standard for tropical fruit	Y/N	2017	N	2024	Y	2	Progress			
								Progress Rating		AP - Delayed ( ≥ 7 months)	Not due to start
<b>Data source:</b> PPMS annual progress reports											
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.											
3.c.	Cambodia good agricultural practice for organic fertilizers endorsed as national standard for organic fertilizers	Y/N	2017	N	2024	Y	2	Progress			
								Progress Rating		AP - Delayed ( ≥ 7 months)	Not due to start
<b>Data source:</b> PPMS annual progress reports											
<b>Indicator Details:</b>											
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.											

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020
		Year	Value	Year	Value					
3.d. 50 staff from financial institutions trained in CSA and green finance	Number	2017	0	2024	50	2	Progress			
							Progress Rating			PP - Delayed (on target)
<b>Data source:</b> PPMS annual progress reports										
<b>Indicator Details:</b>										
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.										
3.d.i. of which 30% are women	Percent	2017	0	2024	30		Progress			
<b>Data source:</b> PPMS annual progress reports										
<b>Progress/Status:</b>										
3.e. 30 agribusinesses trained on green finance and CSA	Number	2017	0	2024	30	2	Progress			
							Progress Rating			PP - Delayed (on target)
<b>Data source:</b> PPMS annual progress reports										
<b>Indicator Details:</b>										
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.										
3.e.ii of which 30% are led or owned by women	Percent	2017	0	2024	30		Progress			
<b>Data source:</b> PPMS annual progress reports										
<b>Progress/Status:</b>										
3.f. 20,000 households provided with information on climate risk-sharing instruments	Number	2017	0	2024	20000	2	Progress			
							Progress Rating			PP - Delayed (on target)
<b>Data source:</b> PPMS annual progress reports										
<b>Indicator Details:</b>										
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.										

Performance Indicators	Unit of Measure	Baseline		Target		Weight	Progress & PPR rating	2018	2019	2020
		Year	Value	Year	Value					
3.f.iii. of which 20,000 are women	Number	2017	0	2024	20000		Progress			
<b>Data source:</b> PPMS annual progress reports										
<b>Progress/Status:</b>										
3.g. ICT platform for climate-friendly agribusiness established in Kampong Cham Province	Y/N	2017	N	2024	Y	3	Progress			
							Progress Rating		AP - Delayed (≥ 7 months)	PP - Delayed (on target)
<b>Data source:</b> PPMS annual progress reports										
<b>Indicator Details:</b>										
<b>Progress/Status:</b> Project implementation consultants and feasibility and detailed engineering design consultant mobilized in Sept and Nov 2019. Inception mission completed in Jan 2020.										

Annex 2. Physical Progress as per 31 December 2021

*Annex 2.1 MEF Progress*

ACTIVITY/Implementing Agency	Assigned Weight	As of 15/01/21	As of 15/02/21	As of 15/03/2021	As of 15/04/2021	As of 15/05/2021	As of 15/06/2021	As of 15/07/2021	As of 15/08/2021	As of 15/09/2021	As of 15/10/2021	As of 15/11/2021	As of 15/12/2021
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
2 Recruitment of Consultants	0,50%	0,60	0,63	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65
3 PMU Operation	4,00%	1,10	1,18	1,26	1,34	1,42	1,50	1,58	1,66	1,74	1,82	1,90	1,90
4 Social Safeguards and Resettlement	2,00%	0,10	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,18	0,19	0,20	0,20
5 Environmental Management	2,00%	0,10	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,18	0,19	0,20	0,20
6 Gender	1,00%	0,10	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,18	0,19	0,20	0,20
7 Implementation of Output 1 - MAFF	27,00%	1,79	2,15	2,84	3,18	3,46	3,77	4,08	6,57	6,88	7,19	7,39	7,62
8 Implementation of Output 1 - MOWRAM	13,50%	1,09	1,09	1,18	1,20	1,26	1,27	1,43	1,48	1,55	1,66	1,79	1,91
9 Implementation of Output 1 - MRD	13,50%	1,11	1,53	1,64	1,74	1,82	1,82	2,02	2,07	2,34	2,79	2,84	2,91
10 Implementation of Output - Unassigned	4,50%	0,13	0,13	0,13	0,13	0,13	0,01	0,01	0,01	0,01	0,01	0,01	0,01
11 Implementation of Output 2 - MAFF	12,60%	1,14	1,68	2,54	2,63	4,25	4,78	3,35	3,47	4,85	5,15	4,81	4,81
12 Implementation of Output 2 - MOWRAM	5,40%	0,23	0,31	0,32	0,33	0,34	0,35	0,36	0,41	0,42	0,43	0,44	0,44
13 Implementation of Output 3 - MAFF	13,50%	1,85	2,35	2,15	2,30	2,44	2,60	2,75	2,95	3,21	3,40	3,60	3,72
<b>TOTAL (%)</b>	<b>100,00%</b>	<b>9,84</b>	<b>11,89</b>	<b>13,57</b>	<b>14,40</b>	<b>16,70</b>	<b>17,70</b>	<b>17,20</b>	<b>20,28</b>	<b>22,69</b>	<b>24,16</b>	<b>24,52</b>	<b>25,08</b>

**Annex 2.2. IE Progress**

Output and Activities		Assigned weight	WEIGHTED PROGRESS (%)											
			Jan	Feb	March	April	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient</b>														
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15,00	1,21	1,21	1,31	1,34	1,40	1,41	1,59	1,65	1,72	1,85	1,99	2,12
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5,00	0,14	0,14	0,14	0,14	0,14	0,02	0,02	0,02	0,02	0,02	0,02	0,02
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15,00	1,24	1,70	1,82	1,93	2,02	2,02	2,24	2,30	2,60	3,10	3,16	3,24
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15,00	0,84	0,94	1,41	1,50	1,59	1,69	1,78	4,31	4,41	4,50	4,59	4,59
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laborator	5,00	0,75	0,96	1,17	1,38	1,53	1,69	1,84	2,00	2,15	2,31	2,36	2,36
1.f1	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	5,00	0,20	0,26	0,29	0,34	0,36	0,43	0,49	0,55	0,62	0,67	0,72	0,84
1.f2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5,00	0,19	0,24	0,28	0,32	0,35	0,39	0,42	0,44	0,47	0,51	0,54	0,68
<b>sub-total Output 1</b>		<b>65,00</b>	<b>4,58</b>	<b>5,44</b>	<b>6,43</b>	<b>6,95</b>	<b>7,41</b>	<b>7,64</b>	<b>8,37</b>	<b>11,26</b>	<b>11,99</b>	<b>12,94</b>	<b>13,36</b>	<b>13,84</b>
<b>Output 2 – Climate-smart Agriculture and Agribusiness Promoted</b>														
2.a	3 Additional climate-resilient varieties of rice and maize released	5,00	0,30	0,43	0,51	0,58	0,65	0,71	0,78	0,85	0,91	0,97	0,99	0,99
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development s	5,00	0,52	0,54	0,57	0,59	0,65	0,64	0,74	0,81	0,88	0,95	0,75	0,76
2.c.1	27 FWUCS of FWUGS made full operational	3,00	0,24	0,34	0,35	0,36	0,37	0,38	0,39	0,44	0,46	0,47	0,48	0,48
2.c.2	500 FWUCS of FWUGS developed capacity to operate and maintain their irrigation s	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
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness ser	2,00	0,23	0,45	0,88	0,88	0,88	1,10	1,10	1,10	1,90	1,90	1,90	1,90
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	2,00	0,23	0,45	0,88	0,88	2,55	2,85	1,10	1,10	1,70	1,90	1,70	1,70
<b>sub-total Output 2</b>		<b>20,00</b>	<b>1,51</b>	<b>2,22</b>	<b>3,18</b>	<b>3,29</b>	<b>5,11</b>	<b>5,70</b>	<b>4,13</b>	<b>4,31</b>	<b>5,85</b>	<b>6,20</b>	<b>5,83</b>	<b>5,84</b>
<b>Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced</b>														
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	2,00	0,47	0,51	0,55	0,60	0,64	0,68	0,72	0,76	0,81	0,86	0,91	0,95
3.b	Good Agriculture Practice for tropical fruit endorsed	2,00	0,47	0,52	0,57	0,62	0,66	0,71	0,75	0,79	0,83	0,87	0,93	1,02
3.c	Good Agriculture Practice for organic fertilizer endorsed	2,00	0,44	0,86	0,48	0,50	0,52	0,54	0,56	0,64	0,61	0,63	0,65	0,65
3.d	50 Staff from financial institutions trained in CSA and green finance	2,00	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,40	0,60	0,66	0,72	0,72
3.e	30 agribusinesses trained in green finance and CSA	2,00	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,40	0,42	0,44	0,44
3.f	20,000 Households provided with information on climate risk-sharing instruments	2,00	0,20	0,22	0,23	0,25	0,26	0,28	0,29	0,30	0,32	0,34	0,35	0,35
3.g	Supporting Climate Risk Management through Information and Communication Techn	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
<b>sub-total Output 3</b>		<b>15,00</b>	<b>2,06</b>	<b>2,62</b>	<b>2,39</b>	<b>2,56</b>	<b>2,71</b>	<b>2,88</b>	<b>3,05</b>	<b>3,28</b>	<b>3,56</b>	<b>3,78</b>	<b>4,00</b>	<b>4,13</b>
III	<b>MAFF</b>													
	Output 1	30,00	1,98	2,39	3,15	3,54	3,84	4,19	4,53	7,30	7,65	7,98	8,21	8,47
	Output 2	14,00	1,26	1,87	2,82	2,92	4,73	5,31	3,72	3,86	5,39	5,72	5,34	5,35
	Output 3	15,00	2,06	2,62	2,39	2,56	2,71	2,88	3,05	3,28	3,56	3,78	4,00	4,13
	subtotal	59,00	5,31	6,88	8,37	9,02	11,28	12,39	11,30	14,43	16,60	17,48	17,55	17,95
	<b>MOWRAM</b>	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	1,21	1,31	1,34	1,40	1,41	1,59	1,65	1,72	1,85	1,99	2,12
	Output 2	6,00	0,25	0,35	0,36	0,37	0,38	0,39	0,40	0,46	0,47	0,48	0,49	0,49
	subtotal	21,00	1,46	1,56	1,67	1,71	1,78	1,80	1,99	2,10	2,19	2,32	2,48	2,61
	<b>MRD</b>	15,00	1,24	1,70	1,82	1,93	2,02	2,02	2,24	2,30	2,60	3,10	3,16	3,24
Undecided	5,00	0,14	0,14	0,14	0,14	0,14	0,02	0,02	0,02	0,02	0,02	0,02	0,02	
<b>TOTAL Output (1 + 2 + 3)</b>		<b>100,00</b>	<b>8,15</b>	<b>10,28</b>	<b>12,00</b>	<b>12,80</b>	<b>15,23</b>	<b>16,22</b>	<b>15,55</b>	<b>18,84</b>	<b>21,40</b>	<b>22,92</b>	<b>23,19</b>	<b>23,81</b>

**Annex 2.3. DMF Progress**

Output and Activities		Assigned weight	WEIGHTED PROGRESS (%)											
			Jan	Feb	March	April	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient</b>														
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15,00	1,21	1,21	1,31	1,34	1,40	1,41	1,59	1,65	1,72	1,85	1,99	2,12
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5,00	0,14	0,14	0,14	0,14	0,14	0,02	0,02	0,02	0,02	0,02	0,02	0,02
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15,00	1,24	1,70	1,82	1,93	2,02	2,02	2,24	2,30	2,60	3,10	3,16	3,24
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15,00	0,84	0,94	1,41	1,50	1,59	1,69	1,78	4,31	4,41	4,50	4,59	4,59
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	5,00	0,75	0,96	1,17	1,38	1,53	1,69	1,84	2,00	2,15	2,31	2,36	2,52
1.f1	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	5,00	0,20	0,26	0,29	0,34	0,36	0,43	0,49	0,55	0,62	0,67	0,72	0,84
1.f2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5,00	0,19	0,24	0,28	0,32	0,35	0,39	0,42	0,44	0,47	0,51	0,54	0,68
<b>sub-total Output 1</b>		<b>65,00</b>	<b>4,58</b>	<b>5,44</b>	<b>6,43</b>	<b>6,95</b>	<b>7,41</b>	<b>7,64</b>	<b>8,37</b>	<b>11,26</b>	<b>11,99</b>	<b>12,94</b>	<b>13,36</b>	<b>14,00</b>
<b>Output 2 – Climate-smart Agriculture and Agribusiness Promoted</b>														
2.a	3 Additional climate-resilient varieties of rice and maize released	5,00	0,30	0,43	0,51	0,58	0,65	0,71	0,78	0,85	0,91	0,97	0,99	0,99
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5,00	0,52	0,54	0,57	0,59	0,65	0,64	0,74	0,81	0,88	0,95	0,75	0,76
2.c.1	27 FWUCS of FWUGS made full operational	3,00	0,24	0,34	0,35	0,36	0,37	0,38	0,39	0,44	0,46	0,47	0,48	0,48
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
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	2,00	0,23	0,45	0,88	0,88	0,88	1,10	1,10	1,10	1,90	1,90	1,90	1,90
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	2,00	0,23	0,45	0,88	0,88	2,55	2,85	1,10	1,10	1,70	1,90	1,70	1,70
<b>sub-total Output 2</b>		<b>20,00</b>	<b>1,51</b>	<b>2,22</b>	<b>3,18</b>	<b>3,29</b>	<b>5,11</b>	<b>5,70</b>	<b>4,13</b>	<b>4,31</b>	<b>5,85</b>	<b>6,20</b>	<b>5,83</b>	<b>5,84</b>
<b>Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced</b>														
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	2,00	0,47	0,51	0,55	0,60	0,64	0,68	0,72	0,76	0,81	0,86	0,91	0,95
3.b	Good Agriculture Practice for tropical fruit endorsed	2,00	0,47	0,52	0,57	0,62	0,66	0,71	0,75	0,79	0,83	0,87	0,93	1,02
3.c	Good Agriculture Practice for organic fertilizer endorsed	2,00	0,44	0,86	0,48	0,50	0,52	0,54	0,56	0,64	0,61	0,63	0,65	0,65
3.d	50 Staff from financial institutions trained in CSA and green finance	2,00	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,40	0,60	0,66	0,72	0,72
3.e	30 agribusinesses trained in green finance and CSA	2,00	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,40	0,42	0,44	0,44
3.f	20,000 Households provided with information on climate risk-sharing instruments	2,00	0,20	0,22	0,23	0,25	0,26	0,28	0,29	0,30	0,32	0,34	0,35	0,35
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
<b>sub-total Output 3</b>		<b>15,00</b>	<b>2,06</b>	<b>2,62</b>	<b>2,39</b>	<b>2,56</b>	<b>2,71</b>	<b>2,88</b>	<b>3,05</b>	<b>3,28</b>	<b>3,56</b>	<b>3,78</b>	<b>4,00</b>	<b>4,13</b>
OUTPUT	Output 1	65,00	4,58	5,44	6,43	6,95	7,41	7,64	8,37	11,26	11,99	12,94	13,36	14,00
	Output 2	20,00	1,51	2,22	3,18	3,29	5,11	5,70	4,13	4,31	5,85	6,20	5,83	5,84
	Output 3	15,00	2,06	2,62	2,39	2,56	2,71	2,88	3,05	3,28	3,56	3,78	4,00	4,13
<b>TOTAL Output (1 + 2 + 3)</b>		<b>100,00</b>	<b>8,15</b>	<b>10,28</b>	<b>12,00</b>	<b>12,80</b>	<b>15,23</b>	<b>16,22</b>	<b>15,55</b>	<b>18,84</b>	<b>21,40</b>	<b>22,92</b>	<b>23,19</b>	<b>23,96</b>



Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

Annex 2.4. Output 1

1	2	3	4	5	6	7	8	Progress Jan 2021			Progress Feb 2021			Progress Mar 2021			Progress in Apr. 2021				
								9	10	11	12	13	14	15	16	17	18	19	20		
ACTIVITY	SUBACTIVITY	UNIT	DMF SCORE	OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)			
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	27,0	0,75	100,00	27,0	0,75	100,00	27,0	0,75	100,00	27,0	0,75		
		Step 1B Feasibility Study	Schemes		27	10	1,5	7,41	2,0	0,11	7,41	2,0	0,11	11,11	3,0	0,17	11,11	3,0	0,17		
		Step 2 Topographic Survey	Ha		15,000	10	1,5	21,67	3,250,0	0,33	21,67	3,250,0	0,33	21,67	3,250,0	0,33	21,67	3,250,0	0,33		
		Step 3 + 4DED & Tender file	Ha		15,000	10	1,5	0,67	100,0	0,01	0,67	100,0	0,01	3,33	500,0	0,05	5,00	750,0	0,08		
		Procurement	Ha		15,000	5	0,75	0,67	100,0	0,01	0,67	100,0	0,01	0,67	100,0	0,01	0,67	100,0	0,01		
		Rehabilitated & Climate resilient	Ha		15,000	55	8,25	0,13	20,0	0,01	0,13	20,0	0,01	0,20	30,0	0,02	0,20	30,0	0,02		
		O&M	Schemes		27	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		<b>Subtotal</b>						<b>100</b>	<b>15</b>			<b>1,21</b>			<b>1,21</b>			<b>1,31</b>			<b>1,34</b>
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	Identification of ponds	no	5	800	5	0,25	6,25	50,0	0,02	6,25	50,0	0,02	6,25	50,0	0,02	6,25	50,0	0,02		
		Farm identification for drip system	no		15	5	0,25	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		DED Ponds	no		800	15	0,75	3,75	30,0	0,03	3,75	30,0	0,03	3,75	30,0	0,03	3,75	30,0	0,03		
		DED Drip system	no		15	15	0,75	13,33	2,0	0,10	13,33	2,0	0,10	13,33	2,0	0,10	13,33	2,0	0,10		
		Procurement & Implementation ponds	no		800	35	1,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Drip systems installation	no		15	25	1,25	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		<b>Subtotal</b>						<b>100</b>	<b>5</b>			<b>0,14</b>			<b>0,14</b>			<b>0,14</b>			<b>0,00</b>
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	Step 1A: Identification	km	15	250	5	0,75	51,20	128,0	0,38	75,20	188,0	0,56	85,00	250,0	0,64	100,00	250,0	0,75		
		Step 1B Feasibility Study	km		250	10	1,5	28,04	70,1	0,42	43,71	109,3	0,66	43,71	109,3	0,66	43,71	109,3	0,66		
		Step 2:Topographic Survey	km		250	10	1,5	28,80	72,0	0,43	31,71	79,3	0,48	35,20	88,0	0,53	35,20	88,0	0,53		
		Step 3+4 DED & Tender file	km		250	10	1,5	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Rehabilitated & Climate resilient	km		250	54	8,1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		O&M	km		250	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		<b>Subtotal</b>						<b>94</b>	<b>14,1</b>			<b>1,24</b>			<b>1,70</b>			<b>1,82</b>			<b>1,93</b>
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	Identification	No	15	80	5	0,75	6,25	5,0	0,05	12,50	10,0	0,09	18,75	15,0	0,14	25,00	20,0	0,19		
		Site location Survey	No		80	5	0,75	6,25	5,0	0,05	12,50	10,0	0,09	18,75	15,0	0,14	25,00	20,0	0,19		
		DED & Tender file	No		4	10	1,5	25,00	1,0	0,38	25,00	1,0	0,38	50,00	2,0	0,75	50,00	2,0	0,75		
		Procurement	No		4	10	1,5	25,00	1,0	0,38	25,00	1,0	0,38	25,00	1,0	0,38	25,00	1,0	0,38		
		Construction	No		80	65	9,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		O&M	No		80	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		<b>Subtotal</b>						<b>100</b>	<b>15</b>			<b>0,84</b>			<b>0,94</b>			<b>1,41</b>			<b>1,50</b>
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	TNA for LAB staff	No	5	1	10	0,5	100,00	1,0	0,50	100,00	1,0	0,50	100,00	1,0	0,50	100,00	1,0	0,50		
		DED & Procurement	No		1	20	1	20,00	0,2	0,20	20,00	0,2	0,20	30,00	0,3	0,30	40,00	0,4	0,40		
		Implementation	No		1	60	2,5	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00			
		Training of staff	Person		100	10	0,5	10,00	10,0	0,05	12,00	12,0	0,06	14,00	14,0	0,07	15,00	15,0	0,08		
		On-the job training	Person		50	10	0,5	0,00	0,0	0,00	40,00	20,0	0,20	60,00	30,0	0,30	80,00	40,0	0,40		
		<b>Subtotal</b>						<b>100</b>	<b>5</b>			<b>0,75</b>			<b>0,96</b>			<b>1,17</b>			<b>1,38</b>
		1.f.1	12,000 Bio-digesters made operational benefiting 80,000 persons (50% are women)		Identification of Bio-digesters	Biodigester	5	12,000	10	0,5	4,75	570,0	0,02	5,33	640,0	0,03	5,75	690,0	0,03	6,29	755,0
National Policy and Standards of Biodigester and bioslurry	policy			1	10	0,5		10,00	0,1	0,05	15,00	0,2	0,08	15,00	0,2	0,08	20,00	0,2	0,10		
DED & Tender file	document			4	10	0,5		12,50	0,5	0,06	13,75	0,6	0,07	15,00	0,6	0,08	15,00	0,6	0,08		
Procurement	document			4	10	0,5		7,50	0,3	0,04	8,75	0,4	0,04	10,00	0,4	0,05	10,00	0,4	0,05		
Construction of biodigesters	Biodigester			12,000	50	2,5		0,03	3,0	0,00	0,03	3,0	0,00	0,03	3,0	0,00	0,03	3,0	0,00		
Training of beneficiaries	Families			12,000	10	0,5		4,25	510,0	0,02	8,54	1,025,0	0,04	12,71	1,525,0	0,06	16,46	1,975,0	0,08		
<b>Subtotal</b>								<b>100</b>	<b>5</b>			<b>0,20</b>			<b>0,26</b>			<b>0,29</b>			<b>0,34</b>
1.f.2	6,000 Compost-huts made operational benefiting 20,000 persons (50% are women)	Identification of compost-huts	Compost hut	5	6,000	10	0,5	2,25	135,0	0,01	2,75	165,0	0,01	3,47	208,0	0,02	3,97	238,0	0,02		
		DED & Tender file	document		4	20	1	12,50	0,5	0,13	13,75	0,6	0,14	15,00	0,6	0,15	16,25	0,7	0,16		
		Procurement	document		4	10	0,5	7,50	0,3	0,04	8,75	0,4	0,04	10,00	0,4	0,05	11,25	0,5	0,06		
		Construction of compost huts	Compost hut		6,000	50	2,5	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Training of beneficiaries	Families		6,000	10	0,5	4,17	250,0	0,02	8,50	510,0	0,04	12,83	770,0	0,06	16,67	1,000,0	0,08		
		<b>Subtotal</b>						<b>100</b>	<b>5</b>			<b>0,19</b>			<b>0,24</b>			<b>0,28</b>			<b>0,32</b>
		<b>Total for Output 1</b>				<b>65</b>			<b>64,1</b>			<b>4,58</b>			<b>5,44</b>			<b>6,43</b>			<b>6,95</b>

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

1	2	3	4	5	6	7	8	Progress in May 2021			Progress in Jun. 2021			Progress in Jul 2021			Progress in Aug. 2021			
								Current Progress %	Accumulated Progress	Weighted Progress (%)	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	21	22	23	24	25	26	27	28	29	30	31	32	
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	27,0	0,75	100,00	27,0	0,75	100,00	27,0	0,75	100,00	27,0	0,75	
		Step 1B Feasibility Study	Schemes		27	10	1,5	14,81	4,0	0,22	14,81	4,0	0,22	18,52	5,0	0,28	18,52	5,0	0,28	
		Step 2 Topographic Survey	Ha		15.000	10	1,5	21,67	3.250,0	0,33	21,67	3.250,0	0,33	21,67	3.250,0	0,33	21,67	3.250,0	0,33	
		Step 3 + 4DED & Tender file	Ha		15.000	10	1,5	5,67	850,0	0,09	5,67	850,0	0,09	10,67	1.600,0	0,16	10,67	1.600,0	0,16	
		Procurement	Ha		15.000	5	0,75	0,67	100,0	0,01	0,67	100,0	0,01	5,33	800,0	0,04	10,33	1.550,0	0,08	
		Rehabilitated & Climate resilient	Ha		15.000	55	8,25	0,20	30,0	0,02	0,27	40,0	0,02	0,40	60,0	0,03	0,67	100,0	0,06	
		O&M	Schemes		27	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
		<b>Subtotal</b>																		
						100	15			1,40			1,41			1,59			1,65	
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	Identification of ponds	no	5	800	5	0,25	6,25	50,0	0,02	6,25	50,0	0,02	6,25	50,0	0,02	6,25	50,0	0,02	
		Farm identification for drip system	no		15	5	0,25	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		DED Ponds	no		800	15	0,75	3,75	30,0	0,03	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		DED Drip system	no		15	15	0,75	13,33	2,0	0,10	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		Procurement & Implementation ponds	no		800	35	1,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		Drip systems installation	no		15	25	1,25	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		<b>Subtotal</b>						100	5		0,00	0,14		0,00	0,02		0,00	0,02		0,00
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	100,00	250,0	0,75	100,00	250,0	0,75	100,00	250,0	0,75	100,00	250,0	0,75	
		Step 1B Feasibility Study	km		250	10	1,5	43,71	109,3	0,66	43,71	109,3	0,66	43,71	109,3	0,66	43,71	109,3	0,66	
		Step 2:Topographic Survey	km		250	10	1,5	35,20	88,0	0,53	35,20	88,0	0,53	35,20	88,0	0,53	39,20	98,0	0,59	
		Step 3+4 DED & Tender file	km		250	10	1,5	5,87	14,7	0,09	5,87	14,7	0,09	20,42	51,0	0,31	20,42	51,0	0,31	
		Rehabilitated & Climate resilient	km		250	54	8,1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		O&M	km		250	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		<b>Subtotal</b>						94	14,1			2,02			2,02			2,24		
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	Identification	No	15	80	5	0,75	31,25	25,0	0,23	37,50	30,0	0,28	43,75	35,0	0,33	50,00	40,0	0,38	
		Site location Survey	No		80	5	0,75	31,25	25,0	0,23	37,50	30,0	0,28	43,75	35,0	0,33	50,00	40,0	0,38	
		DED & Tender file	No		4	10	1,5	50,00	2,0	0,75	50,00	2,0	0,75	50,00	2,0	0,75	50,00	2,0	0,75	
		Procurement	No		4	10	1,5	25,00	1,0	0,38	25,00	1,0	0,38	25,00	1,0	0,38	25,00	1,0	0,38	
		Construction	No		80	65	9,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	25,00	20,0	2,44
		O&M	No		80	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
		<b>Subtotal</b>						100	15			1,59			1,69			1,78		
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	TNA for LAB staff	No	5	1	10	0,5	100,00	1,0	0,50	100,00	1,0	0,50	100,00	1,0	0,50	100,00	1,0	0,50	
		DED & Procurement	No		1	20	1	45,00	0,5	0,45	50,00	0,5	0,50	55,00	0,6	0,55	60,00	0,6	0,60	
		Implementation	No		1	60	2,5	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		Training of staff	Person		100	10	0,5	16,00	16,0	0,08	17,00	17,0	0,09	18,00	18,0	0,09	19,00	19,0	0,10	
		On-the job training	Person		50	10	0,5	100,00	50,0	0,50	120,00	60,0	0,60	140,00	70,0	0,70	160,00	80,0	0,80	
		<b>Subtotal</b>						100	5			1,53			1,69			1,84		
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	6,92	830,0	0,03	7,46	895,0	0,04	8,08	970,0	0,04	8,71	1.045,0	0,04	
		National Policy and Standards of Biodigester and bioslurry	policy		1	10	0,5	20,00	0,2	0,10	25,00	0,3	0,13	30,00	0,3	0,15	34,00	0,3	0,17	
		DED & Tender file	document		4	10	0,5	15,00	0,6	0,08	15,00	0,6	0,08	16,25	0,7	0,08	17,50	0,7	0,09	
		Procurement	document		4	10	0,5	10,00	0,4	0,05	15,00	0,6	0,08	16,25	0,7	0,08	17,50	0,7	0,09	
		Construction of biodigesters	Biodigester		12.000	50	2,5	0,03	3,0	0,00	0,03	3,0	0,00	0,03	3,0	0,00	0,03	3,0	0,00	
		Training of beneficiaries	Families		12.000	10	0,5	20,38	2.445,0	0,10	23,96	2.875,0	0,12	28,21	3.385,0	0,14	32,54	3.905,0	0,16	
		<b>Subtotal</b>						100	5			0,36			0,43			0,49		
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	4,63	278,0	0,02	5,22	313,0	0,03	5,78	347,0	0,03	6,37	382,0	0,03	
		DED & Tender file	document		4	20	1	16,25	0,7	0,16	16,25	0,7	0,16	16,25	0,7	0,16	16,25	0,7	0,16	
		Procurement	document		4	10	0,5	12,50	0,5	0,06	13,75	0,6	0,07	15,00	0,6	0,08	15,00	0,6	0,08	
		Construction of compost huts	Compost hut		6.000	50	2,5	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		Training of beneficiaries	Families		6.000	10	0,5	21,17	1.270,0	0,11	25,83	1.550,0	0,13	29,83	1.790,0	0,15	33,33	2.000,0	0,17	
		<b>Subtotal</b>						100	5			0,35			0,39			0,42		
<b>Total for Output 1</b>				65			64,1			7,41			7,64			8,37			11,26	



Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

1	2	3	4	5	6	7	8	Progress in Sept. 2021			Progress in Oct. 2021			Progress in Nov. 2021			Progress in Dec. 2021			
								Sub- Weight (%)	DMF weight (%)	Overall Target	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %
								33	34	35	36	37	38	39	40	41	42	43	44	
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	Step 1A Identification of ISS	Schemes	15	27	5	0,75	100,00	27,0	0,75	100,00	27,0	0,75	100,00	27,0	0,75	100,00	27,0	0,75	100,00
		Step 1B Feasibility Study	Schemes		27	10	1,5	22,22	6,0	0,33	25,93	7,0	0,39	29,63	8,0	0,44	33,33	9,0	0,50	
		Step 2 Topographic Survey	Ha		15.000	10	1,5	21,67	3.250,0	0,33	21,67	3.250,0	0,33	21,67	3.250,0	0,33	21,67	3.250,0	0,33	
		Step 3 + 4DED & Tender file	Ha		15.000	10	1,5	12,00	1.800,0	0,18	16,67	2.500,0	0,25	18,67	2.800,0	0,28	21,67	3.250,0	0,33	
		Procurement	Ha		15.000	5	0,75	10,33	1.550,0	0,08	10,33	1.550,0	0,08	10,33	1.550,0	0,08	10,33	1.550,0	0,08	
		Rehabilitated & Climate resilient	Ha		15.000	55	8,25	0,67	100,0	0,06	0,67	100,0	0,06	1,33	200,0	0,11	1,73	260,0	0,14	
		O&M	Schemes		27	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		<b>Subtotal</b>																		
								100	15		1,72		1,85		1,99				2,12	
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	Identification of ponds	no	5	800	5	0,25	6,25	50,0	0,02	6,25	50,0	0,02	6,25	50,0	0,02	6,25	50,0	0,02	
		Farm identification for drip system	no		15	5	0,25	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		DED Ponds	no		800	15	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		DED Drip system	no		15	15	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		Procurement & Implementation ponds	no		800	35	1,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		Drip systems installation	no		15	25	1,25	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		<b>Subtotal</b>									100	5		0,00	0,02		0,00	0,02		0,00
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	109,45	273,6	0,75	109,45	273,6	0,75	109,45	273,6	0,75	109,45	273,6	0,75	
		Step 1B Feasibility Study	km		250	10	1,5	47,71	119,3	0,72	68,73	171,8	1,03	68,73	171,8	1,03	68,73	171,8	1,03	
		Step 2:Topographic Survey	km		250	10	1,5	47,20	118,0	0,71	59,20	148,0	0,89	63,20	158,0	0,95	68,73	171,8	1,03	
		Step 3+4 DED & Tender file	km		250	10	1,5	28,44	71,1	0,43	28,44	71,1	0,43	28,44	71,1	0,43	28,44	71,1	0,43	
		Rehabilitated & Climate resilient	km		250	54	8,1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		O&M	km		250	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		<b>Subtotal</b>									94	14,1		2,60		3,10		3,16		3,24
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	Identification	No	15	80	5	0,75	56,25	45,0	0,42	62,50	50,0	0,47	68,75	55,0	0,52	68,75	55,0	0,52	
		Site location Survey	No		80	5	0,75	56,25	45,0	0,42	62,50	50,0	0,47	68,75	55,0	0,52	68,75	55,0	0,52	
		DED & Tender file	No		4	10	1,5	50,00	2,0	0,75	50,00	2,0	0,75	50,00	2,0	0,75	50,00	2,0	0,75	
		Procurement	No		4	10	1,5	25,00	1,0	0,38	25,00	1,0	0,38	25,00	1,0	0,38	25,00	1,0	0,38	
		Construction	No		80	65	9,75	25,00	20,0	2,44	25,00	20,0	2,44	25,00	20,0	2,44	25,00	20,0	2,44	
		O&M	No		80	5	0,75	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		<b>Subtotal</b>									100	15		4,41		4,50		4,59		4,59
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	TNA for LAB staff	No	5	1	10	0,5	100,00	1,0	0,50	100,00	1,0	0,50	100,00	1,0	0,50	100,00	1,0	0,50	
		DED & Procurement	No		1	20	1	65,00	0,7	0,65	70,00	0,7	0,70	75,00	0,8	0,75	90,00	0,9		
		Implementation	No		1	60	2,5	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Training of staff	Person		100	10	0,5	20,00	20,0	0,10	21,00	21,0	0,11	22,00	22,0	0,11	23,00	23,0	0,12	
		On-the job training	Person		50	10	0,5	180,00	90,0	0,90	200,00	100,0	1,00	200,00	100,0	1,00	200,00	100,0	1,00	
		<b>Subtotal</b>									100	5		2,15		2,31		2,36		2,52
1.f.1	12,000 Bio-digesters made operational benefiting 80,000 persons (50% are women)	Identification of Bio-digesters	Biodigester	5	12.000	10	0,5	9,25	1.110,0	0,05	9,90	1.188,0	0,05	10,48	1.258,0	0,05	11,07	1.328,0	0,06	
		National Policy and Standards of Biodigester and bioslurry	policy		1	10	0,5	40,00	0,4	0,20	45,00	0,5	0,23	50,00	0,5	0,25	60,00	0,6	0,30	
		DED & Tender file	document		4	10	0,5	20,00	0,8	0,10	20,00	0,8	0,10	20,00	0,8	0,10	25,00	1,0	0,13	
		Procurement	document		4	10	0,5	17,50	0,7	0,09	17,50	0,7	0,09	17,50	0,7	0,09	20,00	0,8	0,10	
		Construction of biodigesters	Biodigester		12.000	50	2,5	0,03	3,0	0,00	0,03	3,0	0,00	0,03	3,0	0,00	0,03	3,0	0,00	
		Training of beneficiaries	Families		12.000	10	0,5	36,92	4.430,0	0,18	41,04	4.925,0	0,21	45,33	5.439,0	0,23	51,33	6.160,0	0,26	
		<b>Subtotal</b>									100	5		0,62		0,67		0,72		0,84
1.f.2	6,000 Compost-huts made operational benefiting 20,000 persons (50% are women)	Identification of compost-huts	Compost hut	5	6.000	10	0,5	6,87	412,0	0,03	7,45	447,0	0,04	8,12	487,0	0,04	8,70	522,0	0,04	
		DED & Tender file	document		4	20	1	17,50	0,7	0,18	18,75	0,8	0,19	18,75	0,8	0,19	30,00	1,2	0,30	
		Procurement	document		4	10	0,5	15,00	0,6	0,08	15,00	0,6	0,08	15,00	0,6	0,08	15,00	0,6	0,08	
		Construction of compost huts	Compost hut		6.000	50	2,5	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Training of beneficiaries	Families		6.000	10	0,5	37,83	2.270,0	0,19	42,17	2.530,0	0,21	46,50	2.790,0	0,23	51,33	3.080,0	0,26	
		<b>Subtotal</b>									100	5		0,47		0,51		0,54		0,68
<b>Total for Output 1</b>				65					64,1		11,99		12,94		13,36		14,00			

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

**Annex 2.5. Output 2**

1	2	3	4	5	6	7	8	Progress Jan 2021			Progress Feb 2021			Progress Mar 2021			Progress in Apr. 2021						
								Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)				
								9	10	11	12	13	14	15	16	17	18	19	20				
2.a	3 Additional climate-resilient varieties of rice and maize released	Development of new rice varieties	Varieties	5	2	40	2	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,0	0,00			
		Development of new maize varieties	Variety		1	20	1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,0	0,0	0,00		
		Multiplication of existed rice varieties production of FS rice for PRD, PMD and CAR 16	Seeds		1.000	5	0,25	10,00	100,0	0,03	15,00	150,0	0,04	20,00	200,0	0,05	24,00	240,0	0,06				
		Multiplication of maize seed (CM1) varieties	Seeds		3	5	0,25	0,00	0,0	0,00	6,67	0,2	0,02	10,00	0,3	0,03	13,33	0,4	0,03				
		Distribution of rice seeds for demonstration seed production (PRD, PMD) for WS and CAR 16 for DS	Seeds		160	5	0,25	0,00	0,0	0,00	12,50	20,0	0,03	18,75	30,0	0,05	25,00	40,0	0,06				
		Distribution of maize for seed production	Seeds		3	5	0,25	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,0	0,0	0,00
		Training of farmer group on BMP (240 courses)	Persons		10.000	5	0,25	0,15	15,0	0,00	0,16	16,00	0,00	0,17	17,0	0,00	0,18	18,0	0,00				
		Training of farmer group on rice seed production (120 courses)	Persons		4.000	5	0,25	97,50	3.900,0	0,24	100,00	4.000,0	0,25	102,50	4.100,0	0,26	105,00	4.200,0	0,26				
		Field day (120 events)	People		15.000	2,5	0,125	20,00	3.000,0	0,03	20,67	3.100,0	0,03	21,33	3.200,0	0,03	22,00	3.300,0	0,03				
		Site identification for Cassava seeds demonstration	Demo		40	2,5	0,125	0,00	0,0	0,00	50,00	20,0	0,06	75,00	30,0	0,09	100,00	40,0	0,13				
Laser Land Leveling (LLL)	Demo/ha	4.000	5	0,25	0,88	35,0	0,00	1,75	70,0	0,00	2,63	105,0	0,01	3,50	140,0	0,01							
	sub total				100	5,00			0,30		0,43			0,51					0,58				
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	Training of TOT-Trainers	Persons	5	80	3	0,15	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,0	0,00			
		Drafting of training material for climate smart agriculture	set		1	2	0,1	50,00	0,5	0,05	55,00	0,6	0,06	60,00	0,6	0,06	65,00	0,7	0,07				
		Implementation of comprehensive Needs assessment	set		4	2	0,1	0,00	0,0	0,00	5,00	0,2	0,01	10,00	0,4	0,01	15,00	0,6	0,02				
		Drafting of training material for agribusiness development	set		1	3	0,15	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,0	0,00		
		Farmers trained on CAMGAP standards	Persons		500	15	0,75	3,00	15,0	0,02	3,20	16,0	0,02	3,40	17,0	0,03	3,60	18,0	0,03				
		Farmers trained on CSA	Persons		20.000	25	1,25	19,50	3.900,0	0,24	20,00	4.000,0	0,25	20,50	4.100,0	0,26	21,00	4.200,0	0,26				
		Farmers trained on SRP	Persons		20.000	20	1	15,00	3.000,0	0,15	15,50	3.100,0	0,16	16,00	3.200,0	0,16	16,50	3.300,0	0,17				
		Farm mechanization and agriculture conservation	Persons		9.500	15	0,75	5,22	496,0	0,04	5,75	546,0	0,04	6,06	576,0	0,05	6,27	596,0	0,05				
		Agriculture Cooperative (board members)	Persons		20.000	15	0,75	1,32	263,0	0,01	1,38	275,0	0,01	1,43	285,0	0,01	1,50	299,0	0,01				
			subtotal					100	5,00			0,52		0,54			0,57					0,59	
2.c.1	27 FWUCs of FWUGS made operational	Preparation of training materials	set	3	1	2,5	0,075	100,00	1,0	0,08	100,00	1,0	0,08	100,00	1,0	0,08	100,00	1,0	0,08				
		Initial meeting with local authorities	meeting		27	5	0,15	18,52	5,0	0,03	22,22	6,0	0,03	25,93	7,0	0,04	29,63	8,0	0,04				
		Village meeting	meeting		54	10	0,3	7,41	4,0	0,02	9,26	5,0	0,03	11,11	6,0	0,03	12,96	7,0	0,04				
		Screening potential candidates FWUC committee	FWUC		27	10	0,3	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00			
		Candidate selection	FWUC		27	10	0,3	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03				
		Village representation election	FWUC		27	10	0,3	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03				
		FWUC committee election	FWUC		27	15	0,45	11,11	3,0	0,05	11,11	3,0	0,05	11,11	3,0	0,05	11,11	3,0	0,05				
		FWUC formation	FWUC		27	25	0,75	0,00	0,0	0,00	11,11	3,0	0,08	11,11	3,0	0,08	11,11	3,0	0,08				
		Registration	FWUC		27	12,5	0,375	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00			
			subtotal					100	3,00			0,24		0,34			0,35				0,36		
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	3,70	1,0	0,01	3,70	1,0	0,01	3,70	1,0	0,01	3,70	1,0	0,01				
		Preparation of training material on maintenance	set		27	10	0,3	0,00	0,0	0,00	0,00	0,0	0,00	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	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
		Application of MEF budget (FWUC)	FWUC		27	10	0,3	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
	subtotal				100	3,00			0,01		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	25,00	1,0	0,05	50,00	2,0	0,10	75,00	3,0	0,15	75,00	3,0	0,15				
		DED & Tender file	No		4	35	0,7	25,00	1,0	0,18	50,00	2,0	0,35	75,00	3,0	0,53	75,00	3,0	0,53				
		Procurement	No		1	10	0,2	0,00	0,0	0,00	0,00	0,0	0,00	100,00	1,0	0,20	100,00	1,0	0,20				
		Construction	No		3	40	0,8	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00				
		Training of users (50% are women)	No		4	5	0,1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00				
			subtotal					100	2,00			0,23		0,45			0,88				0,88		
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	Identification and Initial Survey	No	2	4	10	0,2	25,00	1,0	0,05	50,00	2,0	0,10	75,00	3,0	0,15	75,00	3,0	0,15				
		DED & Tender file	No		4	35	0,7	25,00	1,0	0,18	50,00	2,0	0,35	75,00	3,0	0,53	75,00	3,0	0,53				
		Procurement	No		1	10	0,2	0,00	0,0	0,00	0,00	0,0	0,00	100,00	1,0	0,20	100,00	1,0	0,20				
		Construction	No		4	40	0,8	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00				
		Training of users (50% are women)	No		4	5	0,1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00				
			subtotal					100	2,00			0,23		0,45			0,88				0,88		
<b>Total for Output 2</b>				<b>15</b>			<b>20,00</b>			<b>1,51</b>			<b>2,22</b>			<b>3,18</b>			<b>3,29</b>				

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

1	2	3	4	5	6	7	8	Progress in May 2021			Progress in Jun. 2021			Progress in Jul 2021			Progress in Aug. 2021					
								OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)
2.a	3 Additional climate-resilient varieties of rice and maize released	Development of new rice varieties	Varieties	5	2	40	2	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Development of new maize varieties	Variety		1	20	1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	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	5	0,25	26,00	260,0	0,07	28,00	280,0	0,07	30,00	300,0	0,08	31,00	310,0	0,08			
		Multiplication of maize seed (CM1) varieties	Seeds		3	5	0,25	16,67	0,5	0,04	18,33	0,6	0,05	20,00	0,6	0,05	23,33	0,7	0,06			
		Distribution of rice seeds for demonstration seed production (PRD, PMD) for WS and CAR 16 for DS	Seeds		160	5	0,25	31,25	50,0	0,08	37,50	60,0	0,09	43,75	70,0	0,11	50,00	80,0	0,13			
		Distribution of maize for seed production	Seeds		3	5	0,25	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
		Training of farmer group on BMP (240 courses)	Persons		10.000	5	0,25	0,18	18,0	0,00	0,20	20,0	0,00	0,21	21,0	0,00	0,22	22,0	0,00			
		Training of farmer group on rice seed production (120 courses)	Persons		4.000	5	0,25	107,50	4.300,0	0,27	110,00	4.400,0	0,28	112,50	4.500,0	0,28	115,00	4.600,0	0,29			
		Field day (120 events)	People		15.000	2,5	0,125	22,67	3.400,0	0,03	23,33	3.500,0	0,03	24,00	3.600,0	0,03	24,67	3.700,0	0,03			
		Site identification for Cassava seeds demonstration	Demo		40	2,5	0,125	125,00	50,0	0,16	150,00	60,0	0,19	175,00	70,0	0,22	200,00	80,0	0,25			
		Laser Land Leveling (LLL)	Demo/ha		4.000	5	0,25	4,38	175,0	0,01	5,25	210,0	0,01	6,13	245,0	0,02	7,00	280,0	0,02			
sub total					100	5,00		0,65		0,71		0,78		0,85		0,85						
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	Training of TOT-Trainers	Persons	5	80	3	0,15	20,00	16,0	0,03	0,00	0,0	0,00	50,00	40,0	0,08	80,00	64,0	0,12			
		Drafting of training material for climate smart agriculture	set		1	2	0,1	70,00	0,7	0,07	75,00	0,8	0,08	80,00	0,8	0,08	85,00	0,9	0,09			
		Implementation of comprehensive Needs assessment	set		4	2	0,1	20,00	0,8	0,02	22,50	0,9	0,02	25,00	1,0	0,03	25,00	1,0	0,03			
		Drafting of training material for agribusiness development	set		1	3	0,15	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Farmers trained on CAMGAP standards	Persons		500	15	0,75	3,60	18,0	0,03	4,00	20,0	0,03	4,20	21,0	0,03	4,40	22,0	0,03			
		Farmers trained on CSA	Persons		20.000	25	1,25	21,50	4.300,0	0,27	22,00	4.400,0	0,28	22,50	4.500,0	0,28	23,00	4.600,0	0,29			
		Farmers trained on SRP	Persons		20.000	20	1	17,00	3.400,0	0,17	17,50	3.500,0	0,18	18,00	3.600,0	0,18	18,50	3.700,0	0,19			
		Farm mechanization and agriculture conservation	Persons		9.500	15	0,75	6,80	646,0	0,05	7,27	691,0	0,05	7,64	726,0	0,06	8,01	761,0	0,06			
		Agriculture Cooperative (board members)	Persons		20.000	15	0,75	1,57	314,0	0,01	1,66	332,0	0,01	1,74	348,0	0,01	1,80	360,0	0,01			
		subtotal						100	5,00		0,65		0,64		0,74		0,81		0,81			
2.c.1	27 FWUCs of FWUGS made operational	Preparation of training materials	set	3	1	2,5	0,075	100,00	1,0	0,08	100,00	1,0	0,08	100,00	1,0	0,08	100,00	1,0	0,08			
		Initial meeting with local authorities	meeting		27	5	0,15	33,33	9,0	0,05	37,04	10,0	0,06	40,74	11,0	0,06	44,44	12,0	0,07			
		Village meeting	meeting		54	10	0,3	14,81	8,0	0,04	16,67	9,0	0,05	18,52	10,0	0,06	20,37	11,0	0,06			
		Screening potential candidates FWUC committee	FWUC		27	10	0,3	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Candidate selection	FWUC		27	10	0,3	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03			
		Village representation election	FWUC		27	10	0,3	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03			
		FWUC committee election	FWUC		27	15	0,45	11,11	3,0	0,05	11,11	3,0	0,05	11,11	3,0	0,05	11,11	3,0	0,05			
		FWUC formation	FWUC		27	25	0,75	11,11	3,0	0,08	11,11	3,0	0,08	11,11	3,0	0,08	11,11	3,0	0,08			
		Registration	FWUC		27	12,5	0,375	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
subtotal					100	3,00		0,37		0,38		0,39		0,44		0,44						
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	3,70	1,0	0,01	3,70	1,0	0,01	3,70	1,0	0,01	3,70	1,0	0,01			
		Preparation of training material on maintenance	set		27	10	0,3	0,00	0,0	0,00	0,00	0,00	0,00	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	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00			
		Application of MEF budget (FWUC)	FWUC		27	10	0,3	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
subtotal					100	3,00		0,01		0,01		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	75,00	3,0	0,15	100,00	4,0	0,20	100,00	4,0	0,20	100,00	4,0	0,20			
		DED & Tender file	No		4	35	0,7	75,00	3,0	0,53	100,00	4,0	0,70	100,00	4,0	0,70	100,00	4,0	0,70			
		Procurement	No		1	10	0,2	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20			
		Construction	No		3	40	0,8	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Training of users (50% are women)	No		4	5	0,1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
subtotal					100	2,00		0,88		1,10		1,10		1,10		1,10						
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	Identification and Initial Survey	No	2	4	10	0,2	75,00	3,0	0,15	100,00	4,0	0,20	100,00	4,0	0,20	100,00	4,0	0,20			
		DED & Tender file	No		4	35	0,7	75,00	3,0	0,53	100,00	4,0	0,70	100,00	4,0	0,70	100,00	4,0	0,70			
		Procurement	No		1	10	0,2	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20			
		Construction	No		4	40	0,8	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Training of users (50% are women)	No		4	5	0,1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
subtotal					100	2,00		2,55		2,85		1,10		1,10		1,10						
Total for Output 2				15			20,00		5,11		5,70		4,13		4,31		4,31					



Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

1	2	3	4	5	6	7	8	Progress in Sept. 2021			Progress in Oct. 2021			Progress in Nov. 2021			Progress in Dec. 2021					
								Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)			
2.a	3 Additional climate-resilient varieties of rice and maize released	Development of new rice varieties	Varieties	5	2	40	2	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
		Development of new maize varieties	Variety		1	20	1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	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	5	0,25	32,00	320,0	0,08	32,00	320,0	0,08	33,00	330,0	0,08	33,00	330,0	0,08	33,00	330,0	0,08
		Multiplication of maize seed (CM1) varieties	Seeds		3	5	0,25	25,00	0,8	0,06	26,67	0,8	0,07	28,33	0,9	0,07	28,33	0,9	0,07	28,33	0,9	0,07
		Distribution of rice seeds for demonstration seed production (PRD, PMD) for WS and CAR 16 for DS	Seeds		160	5	0,25	56,25	90,0	0,14	62,50	100,0	0,16	62,50	100,0	0,16	62,50	100,0	0,16	62,50	100,0	0,16
		Distribution of maize for seed production	Seeds		3	5	0,25	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,0	0,00	0,0	0,00	0,00	0,0	0,00
		Training of farmer group on BMP (240 courses)	Persons		10.000	5	0,25	0,23	23,0	0,00	0,24	24,0	0,00	0,25	25,0	0,00	0,25	25,0	0,00	0,25	25,0	0,00
		Training of farmer group on rice seed production (120 courses)	Persons		4.000	5	0,25	117,50	4.700,0	0,29	120,00	4.800,0	0,30	122,50	4.900,0	0,31	122,50	4.900,0	0,31	122,50	4.900,0	0,31
		Field day (120 events)	People		15.000	2,5	0,125	25,33	3.800,0	0,03	26,00	3.900,0	0,03	26,67	4.000,0	0,03	26,67	4.000,0	0,03	26,67	4.000,0	0,03
		Site identification for Cassava seeds demonstration	Demo		40	2,5	0,125	225,00	90,0	0,28	250,00	100,0	0,31	250,00	100,0	0,31	250,00	100,0	0,31	250,00	100,0	0,31
		Laser Land Leveling (LLL)	Demo/ha		4.000	5	0,25	7,88	315,0	0,02	8,75	350,0	0,02	9,63	385,0	0,02	10,48	419,0	0,02	10,48	419,0	0,02
sub total					100	5,00		0,91		0,97		0,99			0,99				0,99			
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	Training of TOT-Trainers	Persons	5	80	3	0,15	110,00	88,0	0,17	140,00	112,0	0,21	0,00	0,0	0,00	0,00	0,00	0,0	0,00		
		Drafting of training material for climate smart agriculture	set		1	2	0,1	90,00	0,9	0,09	100,00	1,0	0,10	100,00	1,0	0,10	100,00	1,0	0,10	100,00	1,0	
		Implementation of comprehensive Needs assessment	set		4	2	0,1	25,00	1,0	0,03	25,00	1,0	0,03	25,00	1,0	0,03	25,00	1,0	0,03	25,00	1,0	
		Drafting of training material for agribusiness development	set		1	3	0,15	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		Farmers trained on CAMGAP standards	Persons		500	15	0,75	4,60	23,0	0,03	4,80	24,0	0,04	5,00	25,0	0,04	5,00	25,0	0,04	5,00	25,0	0,04
		Farmers trained on CSA	Persons		20.000	25	1,25	23,50	4.700,0	0,29	24,00	4.800,0	0,30	24,50	4.900,0	0,31	24,50	4.900,0	0,31	24,50	4.900,0	0,31
		Farmers trained on SRP	Persons		20.000	20	1	19,00	3.800,0	0,19	19,50	3.900,0	0,20	20,00	4.000,0	0,20	20,00	4.000,0	0,20	20,00	4.000,0	0,20
		Farm mechanization and agriculture conservation	Persons		9.500	15	0,75	8,54	811,0	0,06	8,91	846,0	0,07	9,43	896,0	0,07	9,96	946,0	0,07	9,96	946,0	0,07
		Agriculture Cooperative (board members)	Persons		20.000	15	0,75	1,88	376,0	0,01	1,94	388,0	0,01	2,01	401,0	0,02	2,08	416,0	0,02	2,08	416,0	0,02
		subtotal						100	5,00		0,88		0,95		0,75		0,75		0,76		0,76	
		2.c.1	27 FWUCs of FWUGS made operational		Preparation of training materials	set	3	1	2,5	0,075	100,00	1,0	0,08	100,00	1,0	0,08	100,00	1,0	0,08	100,00	1,0	0,08
Initial meeting with local authorities	meeting			27	5	0,15		48,15	13,0	0,07	51,85	14,0	0,08	55,56	15,0	0,08	55,56	15,0	0,08			
Village meeting	meeting			54	10	0,3		22,22	12,0	0,07	24,07	13,0	0,07	25,93	14,0	0,08	25,93	14,0	0,08			
Screening potential candidates FWUC committee	FWUC			27	10	0,3		0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00			
Candidate selection	FWUC			27	10	0,3		11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03			
Village representation election	FWUC			27	10	0,3		11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03	11,11	3,0	0,03			
FWUC committee election	FWUC			27	15	0,45		11,11	3,0	0,05	11,11	3,0	0,05	11,11	3,0	0,05	11,11	3,0	0,05			
FWUC formation	FWUC			27	25	0,75		11,11	3,0	0,08	11,11	3,0	0,08	11,11	3,0	0,08	11,11	3,0	0,08			
Registration	FWUC			27	12,5	0,375		11,11	3,0	0,04	11,11	3,0	0,04	11,11	3,0	0,04	11,11	3,0	0,04			
subtotal								100	3,00		0,46		0,47		0,48		0,48		0,48		0,48	
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	3,70	1,0	0,01	3,70	1,0	0,01	3,70	1,0	0,01	3,70	1,0	0,01			
		Preparation of training material on maintenance	set		27	10	0,3	0,00	0,0	0,00	0,00	0,00	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	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
		Application of MEF budget (FWUC)	FWUC		27	10	0,3	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					
subtotal					100	3,00		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	Identification and Initial Survey	No	2	4	10	0,2	100,00	4,0	0,20	100,00	4,0	0,20	100,00	4,0	0,20	100,00	4,0	0,20			
		DED & Tender file	No		4	35	0,7	100,00	4,0	0,70	100,00	4,0	0,70	100,00	4,0	0,70	100,00	4,0	0,70			
		Procurement	No		1	10	0,2	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20			
		Construction	No		3	40	0,8	100,00	3,0	0,80	100,00	3,0	0,80	100,00	3,0	0,80	100,00	3,0	0,80			
		Training of users (50% are women)	No		4	5	0,1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
subtotal					100	2,00		1,90		1,90		1,90		1,90		1,90		1,90				
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	4,0	0,20	100,00	4,0	0,20	100,00	4,0	0,20	100,00	4,0	0,20			
		DED & Tender file	No		4	35	0,7	100,00	4,0	0,70	100,00	4,0	0,70	100,00	4,0	0,70	100,00	4,0	0,70			
		Procurement	No		1	10	0,2	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20			
		Construction	No		4	40	0,8	75,00	3,0	0,60	75,00	3,0	0,60	75,00	3,0	0,60	75,00	3,0	0,60			
		Training of users (50% are women)	No		4	5	0,1	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
subtotal					100	2,00		1,70		1,70		1,70		1,70		1,70		1,70				
<b>Total for Output 2</b>				<b>15</b>			<b>20,00</b>		<b>5,85</b>		<b>6,00</b>		<b>5,83</b>		<b>5,84</b>		<b>5,84</b>					

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

**Annex 2.6. Output 3**

1	2	SUBACTIVITY	UNIT	DMF score	OVERALL TARGET	Sub-Weight (%)	DMF weight (%)	Progress Jan 2021			Progress Feb 2021			Progress Mar 2021			Progress in Apr. 2021		
								Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
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	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40
		Draft CSA policy	Policy		1	20	0,4	10,00	0,1	0,04	15,00	0,2	0,06	20,00	0,2	0,08	25,00	0,3	0,10
		Draft guidance manual for climate neutrality and adaption for agribusiness operation	Prakas		1	20	0,4	1,00	0,01	0,00	1,50	0,015	0,01	2,00	0,02	0,01	2,50	0,025	0,01
		Draft IDP strategy for climate friendly agribusiness	Framework		1	20	0,4	0,00	0,0	0,00	10,00	0,1	0,04	15,00	0,2	0,06	20,00	0,2	0,08
		Draft PPP framework formulated			1	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	1,00	0,010	0,00	1,50	0,015	0,01
		<b>Subtotal</b>				<b>100</b>	<b>2,00</b>			<b>0,44</b>			<b>0,51</b>			<b>0,55</b>			<b>0,60</b>
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	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	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	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Standards on CamGAP tropical fruit formation	Standard		1	20	0,4	10,00	0,1	0,04	15,00	0,2	0,06	20,00	0,2	0,08	25,00	0,3	0,10
		Development of standards for organic fertilizer	Standard		1	15	0,3	10,00	0,1	0,03	15,00	0,2	0,05	25,00	0,3	0,08	30,00	0,3	0,09
		Development of IDP strategies for climate friendly agribusiness	Strategy		1	5	0,1	0,00	0,0	0,00	10,00	0,1	0,01	15,00	0,2	0,02	25,00	0,3	0,03
		National standards on biogas development	Standard		1	5	0,1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Socialize GAP Standards for tropical fruit	No		2	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
<b>Subtotal</b>			<b>100</b>	<b>2,00</b>			<b>0,47</b>			<b>0,52</b>			<b>0,57</b>			<b>0,62</b>			
3.c	50 Staff from financial institutions trained in CSA and green finance	Assessment TNA on CSA and Green finance	No	2	1	20	0,4	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40
		Develop training material for staff training in CSA	No		1	20	0,4	10,00	0,1	0,04	15,00	0,2	0,06	20,00	0,2	0,08	25,00	0,3	0,10
		Develop training material for staff training in green finance	No		1	20	0,4	0,00	0,0	0,00	100,00	1,0	0,40	0,00	0,0	0,00	0,00	0,0	0,00
		Implementation of training on green finance in CSA	Staff		50	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Implementation training in green finance	Staff		50	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>				<b>100</b>	<b>2,00</b>			<b>0,44</b>			<b>0,86</b>			<b>0,48</b>			<b>0,50</b>
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	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20
		Develop training material for staff training in CSA	no		1	20	0,4	10,00	0,1	0,04	15,00	0,2	0,06	20,00	0,2	0,08	25,00	0,3	0,10
		Develop training material for staff training in green finance	no		1	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Implementation of training on green finance in CSA	Staff		30	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Implement training in green finance	Staff		30	30	0,6	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>				<b>100</b>	<b>2,00</b>			<b>0,24</b>			<b>0,26</b>			<b>0,28</b>			<b>0,30</b>
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	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20
		Develop training material for staff training in CSA	Set		1	20	0,4	10,00	0,1	0,04	15,00	0,2	0,06	20,00	0,2	0,08	25,00	0,3	0,10
		Develop climate risk sharing mechanism /instrument	Set		1	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Awareness raising on weather and climate risk information sharing to communities	Household		20,000	50	1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>				<b>100</b>	<b>2,00</b>			<b>0,24</b>			<b>0,26</b>			<b>0,28</b>			<b>0,30</b>
3.f	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	Implementation of TNA	No	2	1	10	0,2	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20
		Develop training material for staff training in green finance	No		1	15	0,3	0,00	0,0	0,00	5,00	0,1	0,02	10,00	0,1	0,03	15,00	0,2	0,05
		Implementation of training on green finance in CSA	Persons		20,000	75	1,5	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>				<b>100</b>	<b>2,00</b>			<b>0,20</b>			<b>0,22</b>			<b>0,23</b>			<b>0,25</b>
3.g	sub-total Output 3	Development of ICT	No	3	1	55	1,65	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Purchase of equipment	No		1	20	0,6	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Installation of the center	No		1	25	0,75	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>				<b>100</b>	<b>3</b>			<b>0,00</b>			<b>0,00</b>			<b>0,00</b>			<b>0,00</b>
<b>Total for Output 3</b>				<b>15</b>		<b>15,00</b>			<b>2,03</b>			<b>2,62</b>			<b>2,39</b>			<b>2,56</b>	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

1	2	SUBACTIVITY	UNIT	DMF score	OVERALL TARGET	Sub-Weight (%)	DMF weight (%)	Progress in May 2021			Progress in Jun. 2021			Progress in Jul 2021			Progress in Aug. 2021		
								Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
3.a	Good Agriculture Practice for tropical fruit endorsed	Draft of Climate Smart and Gender Responsive Agri-policy	Policy	2	1	20	0,4	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40
		Draft CSA policy	Policy		1	20	0,4	30,00	0,3	0,12	35,00	0,4	0,14	40,00	0,4	0,16	45,00	0,5	0,18
		Draft guidance manual for climate neutrality and adaption for agribusiness operation	Prakas		1	20	0,4	2,00	0,026	0,01	2,70	0,027	0,01	3,00	0,03	0,01	3,50	0,035	0,01
		Draft IDP strategy for climate friendly agribusiness			1	20	0,4	25,00	0,3	0,10	30,00	0,3	0,12	35,00	0,4	0,14	40,00	0,4	0,16
		Draft PPP framework formulated	Framework		1	20	0,4	1,80	0,018	0,01	2,00	0,02	0,01	2,50	0,025	0,01	2,70	0,027	0,01
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,64</b>			<b>0,68</b>		<b>0,72</b>		
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	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	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	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Standards on CamGAP tropical fruit formation	Standard		1	20	0,4	30,00	0,3	0,12	35,00	0,4	0,14	40,00	0,4	0,16	45,00	0,5	0,18
		Development of standards for organic fertilizer	Standard		1	15	0,3	35,00	0,4	0,11	45,00	0,5	0,14	50,00	0,5	0,15	55,00	0,6	0,17
		Development of IDP strategies for climate friendly agribusiness	Strategy		1	5	0,1	30,00	0,3	0,03	35,00	0,4	0,04	40,00	0,4	0,04	45,00	0,5	0,05
		National standards on biogas development	Standard		1	5	0,1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Socialize GAP Standards for tropical fruit	No		2	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
<b>Subtotal</b>					<b>100</b>	<b>2,00</b>			<b>0,66</b>			<b>0,71</b>		<b>0,75</b>			<b>0,79</b>		
3.c	50 Staff from financial institutions trained in CSA and green finance	Assessment TNA on CSA and Green finance	No	2	1	20	0,4	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40
		Develop training material for staff training in CSA	No		1	20	0,4	30,00	0,3	0,12	35,00	0,4	0,14	40,00	0,4	0,16	45,00	0,5	0,18
		Develop training material for staff training in green finance	No		1	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	1,00	0,01	0,00	15,00	0,15	0,06
		Implementation of training on green finance in CSA	Staff		50	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Implementation training in green finance	Staff		50	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,52</b>			<b>0,54</b>		<b>0,56</b>		
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	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20
		Develop training material for staff training in CSA	no		1	20	0,4	30,00	0,3	0,12	35,00	0,4	0,14	40,00	0,4	0,16	45,00	0,5	0,18
		Develop training material for staff training in green finance	no		1	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	1,00	0,01	0,00	5,00	0,1	0,02
		Implementation of training on green finance in CSA	Staff		30	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Implement training in green finance	Staff		30	30	0,6	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,32</b>			<b>0,34</b>		<b>0,36</b>		
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	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20
		Develop training material for staff training in CSA	Set		1	20	0,4	30,00	0,3	0,12	35,00	0,4	0,14	40,00	0,4	0,16	45,00	0,5	0,18
		Develop climate risk sharing mechanism /instrument	Set		1	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Awareness raising on weather and climate risk information sharing to communities	Household		20,000	50	1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
<b>Subtotal</b>					<b>100</b>	<b>2,00</b>			<b>0,32</b>			<b>0,34</b>		<b>0,36</b>			<b>0,38</b>		
3.f	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	Implementation of TNA	No	2	1	10	0,2	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20
		Develop training material for staff training in green finance	No		1	15	0,3	20,00	0,2	0,06	25,00	0,3	0,08	30,00	0,3	0,09	34,00	0,3	0,10
		Implementation of training on green finance in CSA	Persons		20,000	75	1,5	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,26</b>			<b>0,28</b>		<b>0,29</b>		
3.g	sub-total Output 3	Development of ICT	No	3	1	55	1,65	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Purchase of equipment	No		1	20	0,6	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		Installation of the center	No		1	25	0,75	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00
		<b>Subtotal</b>						<b>100</b>	<b>3</b>			<b>0,00</b>			<b>0,00</b>		<b>0,00</b>		
<b>Total for Output 3</b>				<b>15</b>			<b>15,00</b>		<b>2,71</b>			<b>2,88</b>		<b>3,05</b>			<b>3,28</b>		

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

1	2	SUBACTIVITY	UNIT	DMF score	OVERALL TARGET	Sub-Weight (%)	DMF weight (%)	Progress in Sept. 2021			Progress in Oct. 2021			Progress in Nov. 2021			Progress in Dec. 2021			
								Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	Current Progress %	Actual progress	Weighted Progress (%)	
								33	34	35	36	37	38	39	40	41	42	43	44	
3.a	Good Agriculture Practice for tropical fruit endorsed	Draft of Climate Smart and Gender Responsive Agri-policy	Policy	2	1	20	0,4	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	
		Draft CSA policy	Policy		1	20	0,4	50,00	0,5	0,20	55,00	0,6	0,22	60,00	0,6	0,24	60,00	0,6	0,24	
		Draft guidance manual for climate neutrality and adaption for agribusiness operation	Prakas		1	20	0,4	3,70	0,037	0,01	8,00	0,08	0,03	8,50	0,085	0,03	9,00	0,09	0,04	
		Draft IDP strategy for climate friendly agribusiness			1	20	0,4	45,00	0,5	0,18	50,00	0,5	0,20	55,00	0,6	0,22	65,00	0,65	0,26	
		Draft PPP framework formulated	Framework		1	20	0,4	3,00	0,03	0,01	3,20	0,032	0,01	3,50	0,035	0,01	4,00	0,04	0,02	
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,81</b>			<b>0,86</b>			<b>0,91</b>		
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	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	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	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
		Standards on CamGAP tropical fruit formation	Standard		1	20	0,4	50,00	0,5	0,20	55,00	0,6	0,22	60,00	0,6	0,24	70,00	0,7	0,28	
		Development of standards for organic fertilizer	Standard		1	15	0,3	60,00	0,6	0,18	65,00	0,7	0,20	75,00	0,8	0,23	80,00	0,9	0,27	
		Development of IDP strategies for climate friendly agribusiness	Strategy		1	5	0,1	50,00	0,5	0,05	55,00	0,6	0,06	65,00	0,7	0,07	65,00	0,7	0,07	
		National standards on biodigester development	Standard		1	5	0,1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00
		Socialize GAP Standards for tropical fruit	No		2	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00
<b>Subtotal</b>					<b>100</b>	<b>2,00</b>			<b>0,83</b>			<b>0,87</b>			<b>0,93</b>			<b>1,02</b>		
3.c	50 Staff from financial institutions trained in CSA and green finance	Assessment TNA on CSA and Green finance	No	2	1	20	0,4	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	100,00	1,0	0,40	
		Develop training material for staff training in CSA	No		1	20	0,4	50,00	0,5	0,20	55,00	0,6	0,22	60,00	0,6	0,24	60,00	0,6	0,24	
		Develop training material for staff training in green finance	No		1	20	0,4	2,00	0,02	0,01	2,50	0,025	0,01	3,00	0,03	0,01	3,50	0,035	0,01	
		Implementation of training on green finance in CSA	Staff		50	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	
		Implementation training in green finance	Staff		50	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,61</b>			<b>0,63</b>			<b>0,65</b>		
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	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	
		Develop training material for staff training in CSA	no		1	20	0,4	50,00	0,5	0,20	55,00	0,6	0,22	60,00	0,6	0,24	60,00	0,6	0,24	
		Develop training material for staff training in green finance	no		1	20	0,4	50,00	0,5	0,20	60,00	0,6	0,24	70,00	0,7	0,28	70,00	0,7	0,28	
		Implementation of training on green finance in CSA	Staff		30	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00		
		Implement training in green finance	Staff		30	30	0,6	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00		
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,60</b>			<b>0,66</b>			<b>0,72</b>		
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	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	
		Develop training material for staff training in CSA	Set		1	20	0,4	50,00	0,5	0,20	55,00	0,6	0,22	60,00	0,6	0,24	60,00	0,6	0,24	
		Develop climate risk sharing mechanism /instrument	Set		1	20	0,4	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00		
		Awareness raising on weather and climate risk information sharing to communities	Household		20,000	50	1	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00		
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,40</b>			<b>0,42</b>			<b>0,44</b>		
3.f	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	Implementation of TNA	No	2	1	10	0,2	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	100,00	1,0	0,20	
		Develop training material for staff training in green finance	No		1	15	0,3	40,00	0,4	0,12	45,00	0,5	0,14	50,00	0,5	0,15	50,00	0,5	0,15	
		Implementation of training on green finance in CSA	Persons		20,000	75	1,5	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00		
		<b>Subtotal</b>						<b>100</b>	<b>2,00</b>			<b>0,32</b>			<b>0,34</b>			<b>0,35</b>		
3.g	sub-total Output 3	Development of ICT	No	3	1	55	1,65	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00	0,00		
		Purchase of equipment	No		1	20	0,6	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00			
		Installation of the center	No		1	25	0,75	0,00	0,0	0,00	0,00	0,0	0,00	0,00	0,00	0,00	0,00			
		<b>Subtotal</b>						<b>100</b>	<b>3</b>			<b>0,00</b>			<b>0,00</b>			<b>0,00</b>		
<b>Total for Output 3</b>				<b>15</b>			<b>15,00</b>			<b>3,56</b>			<b>3,78</b>			<b>4,00</b>			<b>4,13</b>	



Annex 3. Social Safeguard Screening Updates as per 31 December 2021

*Annex 3.1 MAFF Subproject Social Safeguard Update*

No.	Package number	Province	Districts	Communes	Subproject Names	Number of Subprojects / Packages	Impact Assessment with GDR, Progress	IR Category	IP Category	Status of LARP/DDR Safeguards	DDR	Third party	ADB Submission Date	ADB NOL Date	Status of IPP	Current Status
	2							10	12	11					13	
1	CW7				Construction of Mechanization Workshops (not including major & minor equipment) & Supervision, Lot 1: Kampong Cham, Lot 2: Tboung Khmum, Lot 3: Kampot			C	No IP at Subproject Area	MAFF PMU will formally submit the DDR-1 (final version) to ADB in 1st week of June 2021					N/A	
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.)			C	No IP at Subproject Area	DDR-2 was already submitted by CS1/PIC to ADB on 26 May 2021 for initial review, The ADB get back review version on 30 June 2021, it is now the process of updating.					N/A	
1	CW4				Construction of Training Building for PADC (including infrastructure design and Equipment) Lot 1: Takeo Lot 2: Tboung Khmum Lot 3: Kampong Cham			C	No IP at Subproject Area	MAFF PMU will formally submit the DDR-1 (final version) to ADB in 1st week of June 2021					N/A	



Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package number	Province	Districts	Communes	Subproject Names	Number of Subprojects / Package	Impact Assessment with GDR, Progress	IR Category	IP Category	Status of LARP/ DDR Safeguards	DDR	Third party	ADB Submission Date	ADB NOL Date	Status of IPP	Current Status
	2							10	12	11					13	
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.)			C	No IP at Subproject Area	DDR-3, was requested to ADB for no further social safeguards requirement due to subproject selection criteria in PAM and LARF does not contain any action to be followed, expected to be finalized by end of June 2021					N/A	
	CW3b1 & CE3b2				Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 35 units			C	No IP at Subproject Area		75%					
	CS4				(2020): ICT (Including: Infrastructure, Software development, training, workshops and demonstrations, consultants, office operations and support costs)			C							N/A	

**Annex 3.2 Irrigation sub-projects Social Safeguard Update**

Year	Package Names	Province	Commune	District	Subproject Name	Number of Subprojects / Package	Command area, ha	Impact Assessment with GDR, Progress	IR Category	Survey (DMS/SES/ RCS)	DDR	LARP	Third Party	GDR /MEF Submission Date	ADB Submission Date	ADB NOL Date	Current Status
1	2	3	4	5	6	7	8	9	10	11	12	13	13'		14	15	
<b>1. Plan for Project Feasibility study and Detailed Engineering Design in 2020</b>																	
2020	CFAVC-KP-TP-CW2	Kampot	Tani	Angkor Chey	Trapeang Run	1	100		C		100%		Yes		NOL and in ADB website	NOL and in ADB website	monitoring report was completed
	MOWRAM-CFAVC-TBM-CW13.1	Tbong Khmum	PREASH THEAT	Ou Raing Ov	Tumnup Kbal Teuk	3	250	4th week of Nov, 2020	C		100%		Yes		NOL and in ADB website	NOL and in ADB website	Under the monitoring
			Chikor	Tbong Khmum	Tuol Pring Reservoir		100	4th week of Nov, 2020	C		100%		Yes	3rd week of Aug, 2021		under the monitoring	
			Thmor Pich	Tbong Khmum	Trapeang Tros Reservoir		350	4th week of Nov, 2020	CB	2 <sup>nd</sup> week of Feb, 2021	100%		Yes	20 Nov 2021	3rd week of Nov, 2021	3 <sup>rd</sup> week Dec 2021	Reviewed by National social safeguards specialist
	MOWRAM-CFAVC-TEO-CW15.1	Takeo	Trapaing Kra Nhoung	Tram Kak	Prey Kdouch Reservoir	2	550	3rd week of Mar, 2021	C	100%	100%		Yes		Dec 16 2021 <sup>2</sup>		Reviewed by In't social safeguards specialist
			Trapaing Kra Nhoung	Tram Kak	Kraing Empil Embankment		200	3rd week of Mar, 2021	C	100%	100%		Yes		Dec 16 2021 <sup>3</sup>		Reviewed by In't social safeguards specialist
	MOWRAM-CFAVC-KPC-CW14.1	Kampong Cham	Svay Teap	Chamkaler	Pram Kumpheak	2	900	2nd week of June, 2021	C	65%	80%		4 <sup>th</sup> Week Dec 2021		2nd week of Dec, 2021		Submission
			Preach Andong	Stoeng Trong	O Kamprok		350	2nd week of June, 2021	C	65%	80%		4 <sup>th</sup> Week Dec 2021		2nd week of Dec, 2021		Submission
MOWRAM-CFAVC-KPT-CW12.1	Kampot	Srae Khnung	Chuom Kiri	Takouch (Prey Takoch)	1	450	2nd week of Apr, 2021			50%	30%						Impact Assessment screening

<sup>2</sup> First submission date was on 19 Aug 2021, second submission date was on 28 Nov 2021 and third submission date was on 16 Dec 2021.

<sup>3</sup> First submission date was on 19 Aug 2021, second submission date was on 28 Nov 2021 and third submission date was on 16 Dec 2021

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

Year	Package Names	Province	Commune	District	Subproject Name	Number of Subprojects / Package	Command area, ha	Impact Assessment with GDR, Progress	IR Category	Survey (DMS/SES/RCS)	DDR	LARP	Third Party	GDR /MEF Submission Date	ADB Submission Date	ADB NOL Date	Current Status		
1	2	3	4	5	6	7	8	9	10	11	12	13	13'		14	15			
Plan for rehabilitation in year 2020 consisting of 5 Packages covering command area of						9	3,250												
<b>2. Plan for Project Feasibility study and Design in 2021</b>																			
2021	MOWRAM-CFAVC-TBM-CW13.2	Tboung Khmum	Chhouk	Krouch Chmar	Tboung Damrei Reservoir	2	600				10%								
			Seda	Dambae	Kampong Raing Feeding Canal		250				10%								
	MOWRAM-CFAVC-TEO-CW15.2	Takeo	Phnom Den	Kirivong	Chrouk1 + Phlov Touk	3	800	3rd week of Mar, 2021	C		Yes		Yes						
			Prey Yuthkar	Koh Andet	Kwaeng Tayee		468	3rd week of Mar, 2021	C		Yes		Yes						
			Prey Romdeng	Kirivong	Prey Romdeng Canal		510	3rd week of Mar, 2021	C		Yes		Yes						
	MOWRAM-CFAVC-KPC-CW14.2	Kampong Cham	Cheung Prey	Batheay	Pou Tatress	1	950												
MOWRAM-CFAVC-KPT-CW12.2	Kampot	Sathpong/Trameng/Baniev	Chhouk	Trapeang Boeung	2	800	2nd week of Apr, 2021												
		Kandorl	Teuk Chhouk	Kandorl		650	2nd week of Apr, 2021												
Plan for rehabilitation in year 2021 consisting of 4 Packages covering command area of						9	5028												
<b>3. Plan for Project Feasibility study and Design in 2022</b>																			
2022	MOWRAM-CFAVC-KPC-CW14.3	Kampong Cham	Krouch	Prey Chhor	Teuk Cha East	2	1400				15%								
			Beung Nay	Prey Chhor	Teuk Cha West		1400				15%								
	MOWRAM-CFAVC-TBM-CW13.3	Tboung Khmum	Teuk Chrov	Dambae	Choam Taheung	2	1500												
			Thmar Pich	Tboung Khmum	Trapaing Ampil		200												
	Takeo	Kampeng	Kirivong	Pou Tasuy Reservoir	6	440													

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

Year	Package Names	Province	Commune	District	Subproject Name	Number of Subprojects / Package	Command area, ha	Impact Assessment with GDR, Progress	IR Category	Survey (DMS/SES/RCS)	DDR	LARP	Third Party	GDR/MEF Submission Date	ADB Submission Date	ADB NOL Date	Current Status			
1	2	3	4	5	6	7	8	9	10	11	12	13	13'		14	15				
	MOWRAM-CFAVC-TEO-CW15.3		Prey Romdeng	Tram Kak	O' Rumdoul Reservoir		210													
			Samraong	Tram Kak	Sdok Sab		300													
			Kropum Chhouk	Koh Andet	Pralay 85		850													
			Rominh	Koh Andet	Pralay 42 (pumping Station)		650													
			Soam	Kirivong	Soam Canal		400													
	MOWRAM-CFAVC-KPT-CW12.3	Kampot	Trapeang Pring	Teuk Chhou	Broweak Pong	1	70													
	Plan for rehabilitation in year 2022 consisting of 4 Packages covering command area of					11	7,420													
	Total irrigation planned to be studied within 3 years period is 32 irrigation schemes and total of					28	15,698													

**Annex 3.3 Farm-Road sub-projects Social Safeguard Updates**

No.	Package Name	Subproject Names / Description	Length (KM)	Province	Commune	District	Impact Assessment with GDR, Progress	IR Category	Survey (DMS/SES/RCS)	Status of LARP/ DDR Preparation	DDR	LARP	Third Party	GDR /MEF Submission Date	Compensation payment date	ADB Submission Date	ADB NOL Date	Current status
1	2	3	4	5	6	7	8		10	11	11'	13	12'			14	15	
<b>1. Plan for Project Feasibility study and Detailed Engineering Design in 2020</b>																		
1	CW17a-CFAVC-MRD-KP-01-2020	Rovieng - Chres	11.94	Kampot	Chres	Chum Kiri	4th week of Jul, 2021	C		Impact assessment with GDR was conducted 4th week of Jul, 2021								
2	CW17a-CFAVC-MRD-KP-02-2020	Kamnab - Srae Chaeng	8.12		Srae Chaeng	Chum Kiri	4th week of Jul, 2021	C										
3	CW17b-CFAVC-MRD-TK3-2020 (Lot 1)	Phlov Lek 122 (Khleng Tvea Wat Totea)- Phlov Tonle Bati	10.01	Takeo	Lumphong	Bati	4th week of Aug, 2020	C	18 Jan, 2021	ADB provide NOL to DRP 2nd week of Sept 21.		Yes		2 <sup>nd</sup> week Dec 2021	1st week of Jul, 2021	2nd week of Sept 2021	Compensation payment has been made by 2nd week of December 2021	
4	CW17b-CFAVC-MRD-TK4-2020 (Lot 2)	Wat Ang Andaet-Rumchek- Kraing Ampil	4.67		Taing Yab	Prey Kabas	4th week of Aug, 2020	C	18 Jan, 2021			Yes			2 <sup>nd</sup> week Dec 2021	1st week of Jul, 2021	2nd week of Sept 2021	Compensation payment has been made by 2nd week of December 2021
5	CW17c-CFAVC-MRD-TBK-5-2020	RN73- Khcheay-Wat Thmey	9.77	Tboung Khmum	DamBae	DamBae	3rd week of Dec, 2020	C		The DDR is under revision by consultant based on the comments from the Third Party and it will be submitted to ADB by 4th week of Aug 2021	Yes		Under review			4 weeks of Mar, 2021	ITP process	
6	CW17c-CFAVC-MRD-TBK-6-2020	Ta Pao- Sangkum Meanchey	12		Toul Snoul	Krouch Chhmar	3rd week of Dec, 2020	C				Yes		Under review			4 weeks of Mar, 2021	ITP process
7	CW17d-CFAVC-MRD-KC7-01-2020 (Lot 1)	Sambo-Sopheas	9.88	Kampong Cham	Sopheas	Stueng Trang	3rd week of Dec, 2020	C	2nd week of Jun, 2021	DRP preparation	The Detailed Measurement Survey (DMS), SES and RCS	Under review process		4th week of Oct 2021				Under the review by the GDR/will submit to ADB early Dec-21
8	CW17d-CFAVC-MRD-KC8-02-2020 (Lot 2)	Sopheas-O'Beng	4.72		Sopheas		3rd week of Dec, 2020	C	2nd week of Jun, 2021		DRP preparation	is under the processing (SSG)		Under review process		4th week of Oct 2021		
Plan for rehabilitation in 2020 covering road length of			71.09															
<b>2. Plan for Project Feasibility study and Design in 2021</b>																		

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	Subproject Names / Description	Length (KM)	Province	Commune	District	Impact Assessment with GDR, Progress	IR Category	Survey (DMS/SES/ RCS)	Status of LARP/ DDR Preparation	DDR	LARP	Third Party	GDR /MEF Submission Date	Compensation payment date	ADB Submission Date	ADB NOL Date	Current status		
1	2	3	4	5	6	7	8		10	11	11'	13	12'			14	15			
9	CW17a-CFAVC-MRD-KP-01-2021	National road No 33-Wat Damnak Trayeung	5.31	Kampot		Banteay Meas													FSR to PMU	
10	CW17a-CFAVC-MRD-KP-02-2021	Wat Sovan Cholsar-O'Kandoal	6.44			Dang Toung														FSR to PMU
11	CW17a-CFAVC-MRD-KP-03-2021	Trapeang Chhuk-Spean Damnak Sokrom	6.9																	FSR to PMU
12	CW17a-CFAVC-MRD-KP-04-2021	NR No.41-Prey Khleay- Phum Doung	3.83				Chum Kiri													FSR to PMU
13	CW17b-CFAVC-MRD-TK01-2021	Chi Moreas-Tapao	5.4	Takeo		Kirivong													FSR to PMU	
14	CW17b-CFAVC-MRD-TK02-2021	Phlov Lek 132 - Phum Ang Trao - Phum Steung	8.25				Samrong													FSR to PMU
15	CW17b-CFAVC-MRD-TK03-2021	NR No. 3- Trao Aem- Phum Steung	4.9				Tram Kak													FSR to PMU
16	CW17b-CFAVC-MRD-TK04-2021	NR No. 3- Trapeang Chak	3.4																	FSR to PMU
17	CW17b-CFAVC-MRD-TK05-2021	Ang Thnoat Khang Lech- Trapeang Srang	4.05				Tram Kak													FSR to PMU
18	CW17c-CFAVC-MRD-TBK-01-2021	Plov Wat Chroul-Chakar Ko- Kbal Thnal	8.15	Tboung Khmum		Ou Reang Ov													FSR to PMU	
19	CW17c-CFAVC-MRD-TBK-02-2021	NR No.73- Phum Smounh	5.5				Tboung Khmum													FSR to PMU
20	CW17c-CFAVC-MRD-TBK-03-2021	Wat Ang keng-Phum Samreuy	4.9				Dombae													FSR to PMU
	CW17c-CFAVC-MRD-TBK-04-2021	NR No.73- Kok Srok	2.830																	FSR to PMU
	CW17c-CFAVC-MRD-TBK-05-2021	Phlov Phum Popel	1.450																	
	CW17c-CFAVC-MRD-TBK-06-2021	NR No.7 - Andoung Chrung	3.800																	
21	CW17d-CFAVC-MRD-KC-01-2021	Phaav- Sdok Thom	3.93	Kampong																

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	Subproject Names / Description	Length (KM)	Province	Commune	District	Impact Assessment with GDR, Progress	IR Category	Survey (DMS/SES/ RCS)	Status of LARP/ DDR Preparation	DDR	LARP	Third Party	GDR /MEF Submission Date	Compensation payment date	ADB Submission Date	ADB NOL Date	Current status		
1	2	3	4	5	6	7	8		10	11	11'	13	12'			14	15			
22	CW17d-CFAVC-MRD-KC-02-2021	Trapeang Thnoat-Sek Yum	5.5																	
23	CW17d-CFAVC-MRD-KPC-03-2021	Phum Damnak Chrey	4.880																	
24	CW17d-CFAVC-MRD-KC-04-2021	National road No.7- Prey Rumdeng-Trapeang Bei	7.77																	
Plan for rehabilitation in 2021 covering road length of			100.01																	
<b>3. Plan for Project Feasibility study and Design in 2022</b>																				
36	CW17b-CFAVC-MRD-TK1-2022	Wat Angrun-Slar Mo-Trapeang Krasaing-Phum Kodoul	7.33	Takeo																
37	CW17b-CFAVC-MRD-TK2-2022	(I) NR No 2- Chrouy Slaeng, (II) Phlov Sahakum Samaki, (III) Phumdang Het- Wat Champa	5.85																	
	CW17b-CFAVC-MRD-TK6-2022	Thira Prachum-Khlong Tvea wat Tralach	6.28																	
	CW17b-CFAVC-MRD-TK7-2022	NR No. 2- Phum Kvav	7																	
	CW17b-CFAVC-MRD-TK8-2022	Salakhum Cheung Koun-Phum Cheung Koun-Tumnup Ang Chang Er	4.4																	
	CW17b-CFAVC-MRD-TK9-2022	Khlong Tvear Wat Ang Roka-Srae Tasok	7.5																	
	CW17c-CFAVC-MRD-TBK-01-2022	Seda Meanchey-Chrey Phluk	13.1	Tbong Khmu																

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	Subproject Names / Description	Length (KM)	Province	Commune	District	Impact Assessment with GDR, Progress	IR Category	Survey (DMS/SES/RCS)	Status of LARP/ DDR Preparation	DDR	LARP	Third Party	GDR /MEF Submission Date	Compensation payment date	ADB Submission Date	ADB NOL Date	Current status	
1	2	3	4	5	6	7	8		10	11	11'	13	12'			14	15		
	CW17c-CFAVC-MRD-TBK-02-2022	Unknown, to be confirmed by PDRD	17	Kampong Cham															
	CW17c-CFAVC-MRD-TBK-03-2022	Unknown, to be confirmed by PDRD	14.84																
	CW17c-CFAVC-MRD-TBK-04-2022	NR No.73- Phum Smounh	9.65																
	CW17d-CFAVC-MRD-KC-01-2022	Sandaek- Kuma	5.8																
	CW17d-CFAVC-MRD-KC-02-2022	Rovieng-Chheuteal- Skun	3.75																
	Plan for rehabilitation in 2020 covering road length of		102.5																
	Total road planned to be studied within 3 years period is 48 lines and total of		273.63																



Annex 4. Environmental Safeguard Achievements as per 31 December 2021

*Annex 4.1 MAFF Environmental Safeguard Achievement*

Year	Package number	Province	Districts	Communes	Subproject names	Number of subproject package	Environmental Safeguards Categorization	Status of Env. Safeguards	Status of IEE	ADB Submission Date	ADB NOL Date
	<b>2</b>						<b>8</b>	<b>9</b>			
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
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
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
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
	CS4 (2020):				ICT( Including: Infrastructure, Software delopment, training, workshops and demonstrations, consultants, office operations and support costs)		B		IEE is Completed		NOL

*Annex 4.2 Irrigation sub-projects Environmental Safeguard achievements*

Year	Package Number	Province	Commune	District	Subproject Name	Number of Subprojects/Package	Command area, ha	Environmental Safeguards Categorization	Status of Env. Safeguards	Status of IEE	First Date ADB Submission	Date ADB NOL
1	2	3	4	5	6	7	8	8'	9'	9	10	11
<b>1. Plan for Project Feasibility study and Detailed Engineering Design in 2020</b>												
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	Tumnu 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	Tropaing Kra Nhoung	Tram Kak	Prey Kdouch Reservoir	2	550	B	100%		16-Mar-21	25-Jun-21
			Tropaing 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					
<b>2. Plan for Project Feasibility study and Design in 2021</b>												
2021	MOWRAM-CFAVC-TBM-CW13.2	Tboung Khmum	Chhouk	Krouch Chmar	Tboung Damrei Reservoir	2	600	B		Consolidated IEE is 15%		
			Seda	Dambae	Kampong Raing Feeding Canal		250	B		Consolidated IEE is 15%		
	MOWRAM-CFAVC-TEO-CW15.2	Takeo	Phnom Den	Kirivong	Chrouk1 + Phlov Touk	3	800	B		Consolidated IEE is 15%		
			Prey Yuthkar	Koh Andet	Kwaeng Tayee		468	B		Consolidated IEE is 15%		
			Prey Romdeng	Kirivong	Prey Romdeng Canal		510	B		Consolidated IEE is 15%		
	MOWRAM-CFAVC-KPC-CW14.2	Kampong Cham	Cheung Prey	Batheay	Pou Tatress	1	950	B		Consolidated IEE is 15%		
MOWRAM-CFAVC-KPT-CW12.2	Kampot	Sathpong/ Trameng/ Baniev	Chhouk	Trapeang Boeung	2	800	B		Consolidated IEE is 15%			
		Kandori	Teuk Chhou	Kandori		650						
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					
			Beung Nay	Prey Chhor	Teuk Cha West		1400					

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

Year	Package Number	Province	Commune	District	Subproject Name	Number of Subprojects/ Package	Command area, ha	Environmental Safeguards Categorization	Status of Env. Safeguards	Status of IEE	First Date ADB Submission	Date ADB NOL
1	2	3	4	5	6	7	8	8'	9'	9	10	11
1	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 85		850					
			Rominh	Koh Andet	Pralay 42 (pumping Station)		650					
			Soam	Kirivong	Soam Canal		400					
	MOWRAM-CFAVC-KPT-CW12.3	Kampot	Trapeang Pring	Teuk Chhou	Broweak Pong	1	70					
	Plan for rehabilitation in year 2022 consisting of 4 Packages covering command area of						11	7,420				
Total irrigation planned to be studied within 3 years period is 32 irrigation schemes and total of						28	15,698					

**Annex 4.3 Road sub-projects Environmental Safeguard achievements**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Environ-mental Safeguards Categorization	Status of Env. Safeguards	Status of IEE	First Date ADB Submission	Date ADB NOL
1	2	3	4	5	6	7	8	8'			10	11
<b>1. Plan for road sub-projects planned in 2020</b>												
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	Lumpong	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 Khmum	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	Trang		4.72				02 May 2021	18 May 2021
<b>Plan for rehabilitation in year 2020 of 4 Packages Road sub-projects with Lenght of</b>							<b>71.09</b>					
<b>2. Plan for road sub-projects planned in 2021</b>												
9	CW17a-CFAVC-MRD-KP-01-2021	Sen Han Cham Reoun Phal	Kampot	Samrong Leu	Banteay Meas	2021	5.31	B		70% drafting completed		
10	CW17a-CFAVC-MRD-KP-02-2021	Ratanak Pulrath Samaki		Damnak Sokrom	Dang Toung		6.44	B		70% drafting completed		
11	CW17a-CFAVC-MRD-KP-03-2021	Preykrang Meanrit		Mean Rith			6.9	B		70% drafting completed		
12	CW17a-CFAVC-MRD-KP-04-2021	Samaki Amatak		Srae Khnoung	Chum Kiri		3.83	B		70% drafting completed		
13	CW17b-CFAVC-MRD-TK01-2021	Kampeng Sok Sen Sambo	Takeo	Kampeng	Kirivong		5.4	B		70% drafting completed		
14	CW17b-CFAVC-MRD-TK02-2021	Samaky Trapeang Kralanh		Ou Saray	Tram Kak		8.25	B		70% drafting completed		
15	CW17b-CFAVC-MRD-TK03-2021	Bak Sey Rik Ray		Cheang Tong	Tram Kak	4.9	B		70% drafting consolidated IEE completed			

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Environ-mental Safeguards Categorization	Status of Env. Safeguards	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		70% drafting consolidated IEE completed		
17	CW17b-CFAVC-MRD-TK05-2021	Trapeang Srangae		Trapaing Srangae	Tramkak		4.05	B		70% drafting consolidated IEE completed		
18	CW17c-CFAVC-MRD-TBK-01-2021	Sammaky Meanchey	Tboung Khmum	Chak	Ou Reang Ov		8.15	B		70% drafting consolidated IEE completed		
19	CW17c-CFAVC-MRD-TBK-02-2021	Lngieng Meamchey		Lngieng	Tboung Khmum		5.5	B		70% drafting consolidated IEE completed		
20	CW17c-CFAVC-MRD-TBK-03-2021	Samaki Kak		Kak	Tboung Khmum		4.9	B		70% drafting consolidated IEE completed		
21	CW17c-CFAVC-MRD-TBK-04-2021	Baitong Korksrok		Kok Srok	Dombae		2.830	B		70% drafting consolidated IEE completed		
22	CW17c-CFAVC-MRD-TBK-05-2021	Akphirik Ponhea Kraek Dambae		Koang Kang	Ponhea Kraek		1.450	B		70% drafting consolidated IEE completed		
23	CW17c-CFAVC-MRD-TBK-06-2021	Ponhea Kraek Rongroeng		Koang Kang	Ponhea Kraek		3.8	B		70% drafting consolidated IEE completed		
24	CW17c-CFAVC-MRD-TBK-07-2021	Popel Meanchey		Popel	Ponhea Kraek	2.82	B		70% drafting consolidated IEE completed			
25	CW17d-CFAVC-MRD-KC-01-2021	Akphivath Multhan Yeung		Kampong Cham	Taing Krasang	Batheay	3.93	B		70% drafting consolidated IEE completed		
26	CW17d-CFAVC-MRD-KC-02-2021	Akpiwat Kaksekor	So Saen		Prey Chhor	5.5	B		70% drafting consolidated IEE completed			
27	CW17d-CFAVC-MRD-KPC-03-2021	Ponluk Thmey	Peam Chi Kang		Kang Meas	4.880	B		70% drafting consolidated IEE completed			
28	CW17d-CFAVC-MRD-KC-04-2021	Sammaki Baray Angdong Ang	Baray		Prey Chhor	7.77	B		70% drafting consolidated IEE completed			
<b>Plan for rehabilitation in year 2021 of 6 Packages Road sub-projects with Length of</b>							<b>101.01</b>					

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

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

Annex 5. MAFF Work Achievements as per 21 December 2021

*Annex 5.1 MAFF Work Progress*

No	Package Number	Subproject Name	# Subprojects / Package	Number of subprojects	Date of start DED	Status of DED	Tendering progress	Construction	Remark
1	2	3	4	5	6	7	8	9	10
1	CW7: Construction of Mechanization Workshops (not including major & minor equipment) & Supervision, Lot 1: Kampong Cham, Lot 2: Tboung Khmum, Lot 3: Kampot	Mechanization engineering workshop	1	3	Dec-19	Completed	Completed	In progress	
2	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.)	Agricultural Cooperative Storage Units	1	20	Dec-19	Completed	Completed	In progress	
3	CW4: Construction of Training Building for PADC (including infrastructure design and Equipment). Lot 1: Takeo, Lot 2: Tboung Khmum, Lot 3: Kampong Cham	Provincial Agricultural Development Center	1	3	Dec-19	Completed	Completed	In progress	
4	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.)	Biodigesters and compost huts	1	500 biodigesters and 250 compost huts	Mar-20	Completed	On going	Not yet start	
	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	Biodigesters and compost huts	1	750 biodigesters and 375 compost huts	Mar-2021	Completed	Not yet start	Not yet start	
5	D1a: Demonstration and Training for Laser land levelling (500ha)	Laser land levelling	1	500 ha	Oct-21	On going	Not yet start	Not yet start	
6	CW3b1 (2021): Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 21 units in 2021. Lot 1: Kampot, 8 Units Lot 2: Takeo, 13 Units	Agricultural Cooperative Storage Units	1	21	Jun-21	Completed	On going	Not yet start	
	CW3b2 (2021): Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 14 units in 2021 Lot 1: Kampong Cham, 4 Units Lot 2: Tboung Khmum, 10 Units	Agricultural Cooperative Storage Units	1	14	Jun-21	Completed	On going	Not yet start	
	G2: Rapid Test Kits = Bio / Organic Fertilizer Laboratory (materials and equipment)	National Agricultural Lab renovation and material installation	1	1	Oct-21	On going	Not yet start	Not yet start	
	CW18: Repairing Glasshouse for Germplasm Maintenance + net house	Net house	1	1	Oct-21	On going	Not yet start	Not yet start	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No	Package Number	Subproject Name	# Subprojects / Package	Number of subprojects	Date of start DED	Status of DED	Tendering progress	Construction	Remark
1	2	3	4	5	6	7	8	9	10
6	CS4 (2020): ICT (Including: Infrastructure, Software development, training, workshops and demonstrations, consultants, office operations and support costs)								



*Annex 5.2 MAFF Monitoring Progress*

No.	Package number	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid
1	2	3	6	7	8	9	10	11	12	13	14	15	15	17
1	CW7: Construction of Mechanization Workshops (not including major & minor equipment) & Supervision, Lot 1: Kampong Cham, Lot 2: Tboung Khmum, Lot 3: Kampot	180,464.88	16-Oct-20	16-Nov-20	Submission BER for Prior 18 March 2021	PMU not yet sign contract due to waiting ADB NOL to DDR	Hout Chhoeun Construction Co., Ltd	186,530.61		120 days	29 December 2021			
2	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.)	1,743,217	19-Oct-20	18-Nov-20	Submission BER for Prior 10 May 2021	Awaiting clearance of the DDR report.	Hout Chhoeun Construction Co.,Ltd	US 1,589,932.93		150 days	20 January 2022 (120day)			
3	CW4: Construction of Training Building for PADC (including infrastructure design and Equipment) Lot 1: Takeo Lot 2: Tboung Khmum Lot 3: Kampong Cham	268,091.40 (include contingency 10%)	26-Oct-20	26-Nov-20	Submission BER for Period 7 June 2021	waiting to receive ADB NOL from 25 Jun 2021	Hout Chhoeun Construction Co.,Ltd	US268,091.40		120 days	29 December 2021			
4	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.)	364,009	11 Jun 2021	12 Jul 2021						183 days				
5	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												
6	D1a: Demonstration and Training for Laser land levelling, (500ha)	300,000												

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package number	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid
1	2	3	6	7	8	9	10	11	12	13	14	15	15	17
7	CW3b1 (2021): Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 21 units in 2021. Lot 1: Kampot, 8 Units, Lot 2: Takeo, 13 Units	2,443,781.00												
8	CW3b2 (2021): Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, 14 units in 2021. Lot 1: Kampong Cham, 4 Units, Lot 2: Tboung Khmum, 10 Units	2,010,591.00												
9	G2: Rapid Test Kits = Bio / Organic Fertilizer Laboratory (materials and equipment)	1,007,722.18												
10	CW18: Repairing Glasshouse for Germplasm Maintenance + net house	769,445.00												
11	CS4 (2020): ICT (Including: Infrastructure, Software development, training, workshops and demonstrations, consultants, office operations and support costs)	1,737,401	5 Feb 2021	21 Mar 2021	The Evaluation report for EoI and shortlisted consenting firms for period 28 June 2021 was submitted	Awaiting the NOL from the ADB on 12 July 2021	The Invitation Letter to 6 Application shortlisting on 6 Dec 2021 to submit proposal							

Annex 6. Progress with FS & DED for Irrigation Sub-projects as per 31 December 2021

*Annex 6.1 Irrigation Sub projects*

Year	Package Number	Province	Commune	District	Subproject Name	Number of Subprojects/ Package	Command area, ha	Topo-survey progress	Geotechnical investigation progress	FS	Date of start DED	Status of DED	Tendering progress	Construction	Remark
1	2	3	4	5	6	7	8	9		10		11	12	13	
<b>1. Plan for Project Feasibility study and Detailed Engineering Design in 2020</b>															
2020	CFAVC-KP-TP-CW2	Kampot	Tani	Angkor Chey	Trapeang Run	1	100	100%		100%		100%	100%	100%	Pre-impact assessment done from 27-31 Dec 2021
	MOWRAM-CFAVC-TBM-CW13.1	Tbong Khmum	PREASH THEAT	Ou Raing Ov	Tumnup Kbal Teuk	3	250	100%		100%		100%	100%		
			Chikor	Tbong Khmum	Tuol Pring Reservoir		100	100%		100%	100%	100%	30% progress		
			Thmor Pich	Tbong Khmum	Trapeang Tros Reservoir		350	100%		100%	100%	100%			
	MOWRAM-CFAVC-TEO-CW15.1	Takeo	Trapaing Kra Nhoung	Tram Kak	Prey Kdouch Reservoir	2	550	100%		100%		100%	100%		
			Trapaing Kra Nhoung	Tram Kak	Kraing Empil Embankment		200	100%		100%	100%	100%			
MOWRAM-CFAVC-KPC-CW14.1	Kampong Cham	Svay Teap	Chamkaler	Pram Kumpheak	2	900	100%		100%		100%	BER			
		Preach Andong	Stoeng Trong	O Kamprok		350	100%		100%	100%	BER				
MOWRAM-CFAVC-KPT-CW12.1	Kampot	Srae Khnung	Chuom Kiri	Takouch	1	450	100%			50%		50%			
Plan for rehabilitation in year 2020 consisting of 5 Packages covering command area of						9	3,250								
<b>2. Plan for Project Feasibility study and Design in 2021</b>															
2021	MOWRAM-CFAVC-TBM-CW13.2	Tbong Khmum	Chhouk	Krouch Chmar	Tbong Damrei Reservoir	2	600	Signed contract							
			Seda	Dambae	Kampong Raing Feeding Canal		250								
	MOWRAM-CFAVC-TEO-CW15.2	Takeo	Phnom Den	Kirivong	Chrouk1 + Phlov Touk	3	800								
			Prey Yuthkar	Koh Andet	Kwaeng Tayee		468								
			Prey Romdeng	Kirivong	Prey Romdeng Canal		510								
MOWRAM-CFAVC-KPC-CW14.2	Kampong Cham	Cheung Prey	Batheay	Pou Tatress	1	950									

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

Year	Package Number	Province	Commune	District	Subproject Name	Number of Subprojects/ Package	Command area, ha	Topo-survey progress	Geotechnical investigation progress	FS	Date of start DED	Status of DED	Tendering progress	Construction	Remark			
	MOWRAM-CFAVC-KPT-CW12.2	Kampot	Sathpong/ Trameng/ Baniev	Chhouk	Trapeang Boeung	2	800											
			Kandori	Teuk Chhou	Kandori		650											
Plan for rehabilitation in year 2021 consisting of 4 Packages covering command area of						8	5028											
<b>3. Plan for Project Feasibility study and Design in 2022</b>																		
2022	MOWRAM-CFAVC-KPC-CW14.3	Kampong Cham	Krouch	Prey Chhor	Teuk Cha East	2	1400	Signed contract								Under pre-selection & screening		
			Beung Nay	Prey Chhor	Teuk Cha West		1400								Under pre-selection & screening			
	MOWRAM-CFAVC-TBM-CW13.3	Tbong Khmum	Teuk Chrov	Dambae	Choam Taheung	2	1500										Under pre-selection & screening	
			Thmar Pich	Tbong Khmum	Trapaing Ampil		200								Under pre-selection & screening			
	MOWRAM-CFAVC-TEO-CW15.3	Takeo	Kampeng	Kirivong	Pou Tasuy Reservoir	6	440											Under pre-selection & screening
			Prey Romdeng	Tram Kak	O' Rumdoul Reservoir		210										Under pre-selection & screening	
			Samraong	Tram Kak	Sdok Sab		300										Under pre-selection & screening	
			Kropum Chhouk	Koh Andet	Pralay 85		850										Under pre-selection & screening	
			Rominh	Koh Andet	Pralay 42 (pumping Station)		650										Under pre-selection & screening	
	Soam	Kirivong	Soam Canal	400												Under pre-selection & screening		
MOWRAM-CFAVC-KPT-CW12.3	Kampot	Trapeang Pring	Teuk Chhou	Broweak Pong	1	70									Under pre-selection & screening			
Plan for rehabilitation in year 2022 consisting of 4 Packages covering command area of						11	7,420											
Total irrigation planned to be studied within 3 years period is 32 irrigation schemes and total of						28	15,698											

*Annex 6.2 Irrigation sub-projects Milestones*

Year	Package Number	Province	Commune	District	Subproject Name	Number of Sub projects/ Package	Command area, ha	Estimated Amount of the Package (USD in millions)	Date of issuance of bid	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for )	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or of civil works	Actual date of completion of civil works	Remarks on measures for climate roads and Return	Economic Internal Rate of Return	Advance amount paid	
<b>1. AWP 2020 Schemes</b>																					
2020	CFAVC-KP-TP-CW2	Kampot	Tani	Angkor Chey	Trapeang Run	1	100	\$0.80	20-May-20	19-Jun-20	10-Sep-20	10-Nov-20	USS	685283.09	17-Nov-20	10 Months	100%	OK	14.10%	68528.3	
	MOWRA M-CFAVC-TBM-CW13.1	Tbong Khmum	PREASH THEAT	Ou Raing Ov	Tumnu Kbal Teuk	3	250	\$0.67	15-Mar-21	3-Apr-21	NOL from ADB 28 Jul 2021	2-Aug-21	SSN	CW13.1:USD.224.444.24	1-Sep-21				9.63%		
			Chikor	Tbong Khmum	Tuol Pring Reservoir		100	\$0.91	15-Mar-21	13-Apr-21	NOL from ADB 28 Jul 2021	2-Aug-21	SSN	CW13.1:USD.224.444.24	1-Sep-21	10			13.98%		
			Thmor Pich	Tbong Khmum	Trapeang Tros Reservoir		350	\$0.82	15-Mar-21	13-Apr-21	NOL from ADB 28 Jul 2021	2-Aug-21	SSN		1-Sep-21	10			13.57%		
	MOWRA M-CFAVC-TEO-CW15.1	Takeo	Trapaing Kra Nhoung	Tram Kak	Prey Kdouch Reservoir	2	550	\$0.91	18-Mar-21	18-Apr-21	NOL with condition 11 Aug.2021	20 Dec 2021	KBH	CW15.1: SUD.1.202.848.85		10					
			Trapaing Kra Nhoung	Tram Kak	Kraing Empil Embankment		200	\$1.24	18-Mar-21	18-Apr-21	NOL with condition 11 Aug.2021	20 Dec 2021	KBH	CW15.1: SUD.1.202.848.85					13.77%		
	MOWRA M-CFAVC-KPC-CW14.1	Kampong Cham	Svay Teap	Chamkaler	Pram Kumpheak	2	900	\$0.45	18-Mar-21	18-Apr-21				KBH						11.39%	
			Preach Andong	Stoeng Trong	O Kamprok		350	\$0.91	27-Aug-21	27-Sep-21						KBH					12.92%
	MOWRA M-CFAVC-KPT-CW12.1	Kampot	Srae Khnung	Chuom Kiri	Takouch (Prey Takoch)	1	450	\$0.92												13.77%	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

Year	Package Number	Province	Commune	District	Subproject Name	Number of Sub projects/ Package	Command area, ha	Estimated Amount of the Package (USD in millions)	Date of issuance of contract	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for contract)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or of civil works	Actual date of completion Remarks on measures for climate roads and	Economic Internal Rate of Return	Advance amount paid			
Plan for rehabilitation in year 2020 consisting of 5 Packages covering command area of						9	3,250															
<b>2. AWP 2021 Schemes</b>																						
2021	MOWRA M-CFAVC-TBM-CW13.2	Tbong Khmum	Chhouk	Krouch Chmar	Tbong Damrei Reservoir	2	600															
			Seda	Dambae	Kampong Raing Feeding Canal		250															
	MOWRA M-CFAVC-TEO-CW15.2	Takeo	Phnom Den	Kirivong	Chrouk1 + Phlov Touk	3	800															
			Prey Yuthkar	Koh Andet	Kwaeng Tayee		468															
			Prey Romden g	Kirivong	Prey Romdeng Canal		510															
	MOWRA M-CFAVC-KPC-CW14.2	Kampong Cham	Cheung Prey	Batheay	Pou Tatress	1	950															
	MOWRA M-CFAVC-KPT-CW12.2	Kampot	Sathpong/ Trameng / Baniev	Chhouk	Trapeang Boeung	2	800															
			Kandorl	Teuk Chhou	Kandorl		650															
	Plan for rehabilitation in year 2021 consisting of 4 Packages covering command area of						8	5028														
	<b>3. AWP 2022 Schemes</b>																					
2022	MOWRA M-CFAVC-KPC-CW14.3	Kampong Cham	Krouch	Prey Chhor	Teuk Cha East	2	1400															
			Beung Nay	Prey Chhor	Teuk Cha West		1400															
	MOWRA M-CFAVC-TBM-CW13.3	Tbong Khmum	Teuk Chrov	Dambae	Choam Taheung	2	1500															
			Thmar Pich	Tbong Khmum	Trapaing Ampil		200															
	MOWRA M-CFAVC-TEO-CW15.3	Takeo	Kampong	Kirivong	Pou Tasuy Reservoir	6	440															
			Prey Romden g	Tram Kak	O' Rumdoul Reservoir		210															
			Samraong	Tram Kak	Sdok Sab		300															
			Kropum Chhouk	Koh Andet	Pralay 85		850															
			Rominh	Koh Andet	Pralay 42 (pumping Station)		650															
	Soam	Kirivong	Soam Canal	400																		
	MOWRA M-CFAVC-	Kampot	Trapeang Pring	Teuk Chhou	Broweak Pong	1	70															

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

Year	Package Number	Province	Commune	District	Subproject Name	Number of Sub projects/ Package	Command area, ha	Estimated Amount of the Package (USD in millions)	Date of issuance of contract	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for contract)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or of civil works	Actual date of completion	Remarks on measures for climate roads and climate roads and Return	Economic Internal Rate of Return	Advance amount paid
	KPT- CW12.3																			
Plan for rehabilitation in year 2022 consisting of 4 Packages covering command area of						11	7,420													
Total irrigation planned to be studied within 3 years period is 32 irrigation schemes and total of						28	15,698													

Annex 7. Progress with FS & DED of Farm- Road Sub-projects as per 31 December 2021

*Annex 7.1 Farm Road Progress*

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Topo-survey	Traffic count survey	Geotechnical	FS	Date of start DED	Status of DED	Tendering progress	Construction	Remark
1	2	3	4	5	6	7	8	9			10		11	12	13	14
<b>1. AWP 2020 farm roads</b>																
1	CW17a-CFAVC-MRD-KP-01-2020 (Lot 1)	Raksmei Samaky Amatak	Kampot	Chres	Chum Kiri	2020	11.94	100%			100%		Completed 17-Mar-21	BER finalized submit to ADB 2 Nov 2021	Not yet start	Not yet start
2	CW17a-CFAVC-MRD-KP-02-2020 (Lot 2)	Kasikor Samaki Rungreung		Srae Chaeng	Chum Kiri		8.1	100%				100%		Completed 17-Mar-21	BER finalized submit to ADB 2 Nov 2021	Not yet start
3	CW17b-CFAVC-MRD-TK3-2020 (Lot 1)	Lom Pung Samaky	Takeo	Lumpong	Bati		10.01	100%			100%		Completed 28-Aug-2021	BER submitted to ADB for NOL (2nd week of Jul-2021) and ADB provided NOL on 12 Oct 21.	Not yet start, compensation was made from 8-10 Dec 2021	Not yet start
4	CW17b-CFAVC-MRD-TK4-2020 (Lot 2)	Sdok Sdam		Taing Yab	Prey Kabas		4.67	100%				100%		Completed 28-Aug-2021	BER submitted to ADB for NOL (2nd week of Jul-2021) and ADB provided NOL on 12 Oct 21.	Not yet start, compensation was made from 8-10 Dec 2021
5	CW17c-CFAVC-MRD-TBK-5-2020 (Lot 1)	Dambe Rung Roeung	Tbong Khmum	DamBae	DamBae		9.77	100%			100%		Completed 5-Oct-20	BER submitted to ADB for NOL 29-Jul-21 and ADB provided NOL on 25 Oct 21.	Not yet start	Not yet start
6	CW17c-CFAVC-MRD-TBK-6-2020 (Lot 2)	Kdei Sangkhoem Kasekar		Toul Snoul	Krouch Chhmar		12	100%				100%		Completed 5-Oct-20	BER submitted to ADB for NOL 29-Jul-21 and ADB provided NOL on 12 Oct 21.	Not yet start
7	CW17d-CFAVC-MRD-KC7-01-2020 (Lot 1)	Sombo Meanchey	Kampong Cham	Soupheas	Stueng Trang		9.88	100%			100%		Completed 6-Jan-21	BER submitted to ADB for NOL 29-Jul-21 and ADB provided NOL on 12 Oct 21.	Not yet start	Not yet start
8	CW17d-CFAVC-MRD-KC8-02-2020 (Lot 2)	Stung Trang Senchey		Soupheas			4.72	100%				100%		Completed 6-Jan-21	BER submitted to ADB for NOL 29-Jul-21 and ADB provided NOL on 12 Oct 21	Not yet start
Sub-total AWP 2020							71.09									



Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (A/B/C)	Road Length (km)	Topo-survey	Traffic count survey	Geotechnical	FS	Date of start DED	Status of DED	Tendering progress	Construction	Remark	
1	2	3	4	5	6	7	8	9			10		11	12	13	14	
<b>2. AWP 2021 Farm roads</b>																	
9	CW17a-CFAVC-MRD-KP-01-2021 (Package No.5)	Sen Han Cham Reoun Phal	Kampot	Samrong Leu	Banteay Meas	2021	5.31	95%	95%	95%	100%		73%			Not yet start	
10	CW17a-CFAVC-MRD-KP-02-2021 (Package No.9)	Ratanak Pulrath Samaki		Damnak Sokrom			6.44	95%	95%	95%	100%		73%				Not yet start
11	CW17a-CFAVC-MRD-KP-03-2021 (Package No.9)	Preykrang Meanrit		Mean Rith	Dang Toung		6.9	95%	95%	95%	100%		73%				Not yet start
12	CW17a-CFAVC-MRD-KP-04-2021 (Package No.5)	Samaki Amatak		Srae Khnoung	Chum Kiri		3.83	95%	95%	95%	100%		73%				Not yet start
13	CW17b-CFAVC-MRD-TK01-2021 (Package No.10)	Kampeng Sok Sen Sambo	Takeo	Kampeng	Kirivong		5.4	95%	95%	95%	100%		73%				Not yet start
14	CW17b-CFAVC-MRD-TK02-2021 (Package No.6)	Samaky Trapeang Kralanh		Ou Saray	Tram Kak		8.25	95%	95%	95%	100%		73%				Not yet start
15	CW17b-CFAVC-MRD-TK03-2021 (Package No.6)	Bak Sey Rik Ray		Cheang Tong	Tram Kak		4.9	95%	95%	95%	100%		73%				Not yet start
16	CW17b-CFAVC-MRD-TK04-2021 (Package No.10)	Samaki Trapeang Chak		Trapeang Chak	Tramkak		3.4	95%	95%	95%	100%		73%				Not yet start
17	CW17b-CFAVC-MRD-TK05-2021 (Package No.10)	Trapeang Srangae	Trapaing Srangae	Tramkak	4.05		95%	95%	95%	100%		73%				Not yet start	
18	CW17c-CFAVC-MRD-TBK-01-2021 (Package No.7)	Sammaky Meanchey	Tbong Khmum	Chak	Ou Reang Ov		8.15	95%	95%	95%	100%		73%				Not yet start
19	CW17c-CFAVC-MRD-TBK-02-2021 (Package No.7)	Lngieng Meamchey		Lngieng	Tbong Khmum	5.5	95%	95%	95%	100%		73%				Not yet start	
20	CW17c-CFAVC-MRD-TBK-03-2021 (Package No.11)	Samaki Kak		Kak	Tbong Khmum	4.9	95%	95%	95%	100%		73%				Not yet start	

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (A/B/C)	Road Length (km)	Topo-survey	Traffic count survey	Geotechnical	FS	Date of start DED	Status of DED	Tendering progress	Construction	Remark	
1	2	3	4	5	6	7	8	9			10		11	12	13	14	
21	CW17c-CFAVC-MRD-TBK-04-2021 (Package No.7)	Baitong Korksrok		Kok Srok	Dombae		2.83	95%	95%	95%	100%		73%			Not yet start	
22	CW17c-CFAVC-MRD-TBK-05-2021 (Package No.11)	Akphirik Ponhea Kraek Dambae		Koang Kang	Ponhea Kraek		1.45	95%	95%	95%	100%			73%			Not yet start
23	CW17c-CFAVC-MRD-TBK-06-2021 (Package No.11)	Ponhea Kraek Rongroeng		Koang Kang	Ponhea Kraek		3.8	95%	95%	95%	100%			73%			Not yet start
24	CW17c-CFAVC-MRD-TBK-07-2021 (Package No.11)	Popel Meanchey		Popel	Ponhea Kraek		2.82	95%	95%	95%	100%			73%			Not yet start
25	CW17d-CFAVC-MRD-KC-01-2021 (Package No.12)	Akphivath Multhan Yeung	Kampong Cham	Taing Krasang	Batheay		3.93	95%	95%	95%	100%			73%			Not yet start
26	CW17d-CFAVC-MRD-KC-02-2021 (Package No.12)	Akpiwat Kaksekor		So Saen	Prey Chhor		5.5	95%	95%	95%	100%			73%			Not yet start
27	CW17d-CFAVC-MRD-KPC-03-2021 (Package No.8)	Ponluk Thmey		Peam Chi Kang	Kang Meas		4.88	95%	95%	95%	100%			73%			Not yet start
28	CW17d-CFAVC-MRD-KC-04-2021 (Package No.8)	Sammaki Baray Angdong Ang		Baray	Prey Chhor		7.77	95%	95%	95%	100%			73%			Not yet start
Subtotal AWP 2021							100.01										
<b>3. AWP 20221 farm roads</b>																	
29	CW17b-CFAVC-MRD-TK1-2022	Sensok Toek Thla	Takeo	Trapaing Krasaing	Bati	2022	7.33									Not yet start	
30	CW17b-CFAVC-MRD-TK2-2022	Phum Bey Meanchey		Kiri Chong Kaoh	Kirivong		1.5										Not yet start
31	CW17b-CFAVC-MRD-TK3-2022	Phum Bey Samaky		Krapum Chhouk	Kaoh Andaet		0.55										Not yet start
32	CW17b-CFAVC-MRD-TK4-2022	Champa Prey Phdav		Champa	Prey Kabas		3.8										Not yet start
33	CW17b-CFAVC-MRD-TK6-2022	Rolous Meas		Thlea Prochum	Kaoh Andaet		6.28										Not yet start

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (A/B/C)	Road Length (km)	Topo-survey	Traffic count survey	Geotechnical	FS	Date of start DED	Status of DED	Tendering progress	Construction	Remark			
1	2	3	4	5	6	7	8	9			10		11	12	13	14			
34	CW17b-CFAVC-MRD-TK7-2022	Samaky Amatak Khvav		Khvav	Samrong		7									Not yet start			
35	CW17b-CFAVC-MRD-TK8-2022	Cheung Kuon Choukchey		Cheung Kuon	Samrong		4.4											Not yet start	
36	CW17b-CFAVC-MRD-TK9-2022	Punleu Kasikar		Boeung Tranh Khang Cheung	Samrong		7.5											Not yet start	
37	CW17c-CFAVC-MRD-TBK-01-2022	Seda Meanchey	Tbong Khmum	Dambae	DamBae		13.10											Not yet start	
38	CW17c-CFAVC-MRD-TBK-02-2022	Kaksekor Dambae		Tuek Chrov	DamBae		17												Not yet start
39	CW17c-CFAVC-MRD-TBK-03-2022	Romdoul Dountei		Doun Tei	Ponhea Kraek		14.84												Not yet start
40	CW17c-CFAVC-MRD-TBK-04-2022	Lngieng Meanchey		Lngieng	Tbong Khmum		9.65												Not yet start
41	CW17d-CFAVC-MRD-KC-01-2022	Toul Preah Vihea	Kampong Cham	Sompong Chey	Cheung Prey		5.80											Not yet start	
42	CW17d-CFAVC-MRD-KC-02-2022	Reamea Cheung Prey		Pdau Chum	Cheung Prey	3.75												Not yet start	
Sub-total AWP 2022							102.5												
Total							273.63												

Table 7.2 MRD monitoring progress

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid	
1	2	3	4	5	6	7	8	9	14	15	16	17	18	19	20	21	22	23	24	25	
<b>1. Plan for road sub-projects planned in 2020</b>																					
1	CW17a-CFAVC-MRD-KP-01-2020 (Lot 1)	Raksmei Samaky Amatak	Kampot	Chres	Chum Kiri	2020	11.94	1,488,481.62	10 <sup>th</sup> Aug 2021.	9-Sep-21	Bid Evaluation Report Being prepared	Not yet done, awaiting SS clearance	Not yet finalized	1,266,929.22							
2	CW17a-CFAVC-MRD-KP-02-2020 (Lot 2)	Kasikor Samaki Rungreung		Srae Chaeng	Chum Kiri		8.1	1,046,898.43				Not yet done, awaiting SS clearance	Not yet finalized	877,375.76							
3	CW17b-CFAVC-MRD-TK3-2020 (Lot 1)	Lom Pung Samaky	Takeo	Lumpong	Bati		10.01	1,325,562.03	19-Mar-21	12-May-21	BER submitted to ADB for NOL on 5 <sup>th</sup> July 2021 and ADB provided NOL on 12 Oct. 2021	Not yet done, awaiting SS clearance	Henan Water Construction Group Co., Ltd.	1,243,719.86							
4	CW17b-CFAVC-MRD-TK4-2020 (Lot 2)	Sdok Sdam		Taing Yab	Prey Kabas		4.67	1,110,942.22				Not yet done, awaiting SS clearance	Hout Chhoeun Construction Co., Ltd.	879,298.64							

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
5	CW17c-CFAVC-MRD-TBK-5-2020 (Lot 1)	Dambe Rung Roeung		DamBae	DamBae		9.77	1,475,481.45																
6	CW17c-CFAVC-MRD-TBK-6-2020 (Lot 2)	Kdei SangKhoem Kasekar	Tbong Khmum	Toul Snoul	Krouch Chhmar		12	1,586,237.67	2-Jun-21	2-Jul-21	BER submitted to ADB for NOL 29-Jul-21, and ADB provided NOL 25 Oct 2021	Not yet done, awaiting clearance	Heng Sambat Co., Ltd Import Export Transportation and Construction.	1,239,711.2										
7	CW17d-CFAVC-MRD-KC7-01-2020 (Lot 1)	Sombo Meanchey		Soupheas			9.88	1,280,831.31																
8	CW17d-CFAVC-MRD-KC8-02-2020 (Lot 2)	Stung Trang Senchey	Kampong Cham	Soupheas	Stueng Trang		4.72	736,328.11	2-Jun-21	2-Jul-21	BER submitted to ADB for NOL 29-Jul-21, ADB provided NOL 25 Oct 2021	Not yet done, awaiting clearance	MTA Construction Co., Ltd.	1,103,011.81										
													MTA Construction Co., Ltd.	611,183.48										

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
Plan for rehabilitation in year 2020 of 4 Packages Road sub-projects with Length of							71.09																			
<b>2. Plan for road sub-projects planned in 2021</b>																										
1	CW17a-CFAVC-MRD-KP-01-2021 (Package No.5)	Sen Han Cham Reoun Phal	Kampot	Samrong Leu	Banteay Meas	2021	5.31	743,400																		
2	CW17a-CFAVC-MRD-KP-02-2021 (Package No.9)	Ratanak Pulrath Samaki		Damnak Sokrom			6.44	901,600																		
3	CW17a-CFAVC-MRD-KP-03-2021 (Package No.9)	Preykrang Meanrit		Mean Rith	Dang Toung		6.9	924,000																		
4	CW17a-CFAVC-MRD-KP-04-2021 (Package No.5)	Samaki Amatak		Srae Khnoung	Chum Kiri		3.83	536,200																		
5	CW17b-CFAVC-MRD-TK01-2021 (Package No.10)	Kampeng Sok Sen Sambo	Takeo	Kampeng	Kirivong		5.4	756,000																		

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid		
1	2	3	4	5	6	7	8	9	14	15	16	17	18	19	20	21	22	23	24	25		
6	CW17b-CFAVC-MRD-TK02-2021 (Package No.6)	Samaky Trapeang Kralanh		Ou Saray	Tram Kak		8.25	1,155,000														
7	CW17b-CFAVC-MRD-TK03-2021 (Package No.6)	Bak Sey Rik Ray		Cheang Tong	Tram Kak		4.9	686,000														
8	CW17b-CFAVC-MRD-TK04-2021 (Package No.10)	Samaki Trapeang Chak		Trapeang Chak	Tramkak		3.4	476,000														
9	CW17b-CFAVC-MRD-TK05-2021 (Package No.10)	Trapeang Srangae		Trapaing Srangae	Tramkak		4.05	567,000														
10	CW17c-CFAVC-MRD-TBK-01-2021 (Package No.7)	Sammaky Meanchey	Tbong Khmum	Chak	Ou Reang Ov		8.15	1,141,000														
11	CW17c-CFAVC-MRD-TBK-02-2021 (Package No.7)	Lngieng Meamchey		Lngieng	Tbong Khmum		5.5	770,000														

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid		
1	2	3	4	5	6	7	8	9	14	15	16	17	18	19	20	21	22	23	24	25		
12	CW17c-CFAVC-MRD-TBK-03-2021 (Package No.11)	Samaki Kak		Kak	Tbong Khmum		4.9	686,000														
13	CW17c-CFAVC-MRD-TBK-04-2021 (Package No.7)	Baitong Korksrok		Kok Srok	Dombae		2.83	396,200														
14	CW17c-CFAVC-MRD-TBK-05-2021 (Package No.11)	Akphirik Ponhea Kraek Dambae		Koang Kang	Ponhea Kraek		1.45	203,000														
15	CW17c-CFAVC-MRD-TBK-06-2021 (Package No.11)	Ponhea Kraek Rongroeng		Koang Kang	Ponhea Kraek		3.8	394,800														
16	CW17c-CFAVC-MRD-TBK-07-2021 (Package No.11)	Popel Meanchey		Popel	Ponhea Kraek		2.82	394,800														
17	CW17d-CFAVC-MRD-KC-01-2021 (Package No.12)	Akphivath Multhan Yeung	Kampong Cham	Taing Krasang	Batheay		3.93	550,200														



Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid	
1	2	3	4	5	6	7	8	9	14	15	16	17	18	19	20	21	22	23	24	25	
18	CW17d-CFAVC-MRD-KC-02-2021 (Package No.12)	Akpiwat Kaksekor		So Saen	Prey Chhor		5.5	770,000													
19	CW17d-CFAVC-MRD-KPC-03-2021 (Package No.8)	Ponluk Thmey		Peam Chi Kang	Kang Meas		4.88	683,200													
20	CW17d-CFAVC-MRD-KC-04-2021 (Package No.8)	Sammaki Baray Angdong Ang		Baray	Prey Chhor		7.77	1,087,800													
Plan for rehabilitation in year 2021 of 8 Packages Road sub-projects with Length of							100.01	<b>14,001,400</b>													
<b>3. Plan for road sub-projects planned in 2022</b>																					
1	CW17b-CFAVC-MRD-TK1-2022	Sensok Toek Thla	Takeo	Trapaing Krasaing	Bati	2022	7.33	1,026,200													
2	CW17b-CFAVC-MRD-TK2-2022	Phum Bey Meanchey		Kiri Chong Kaoh	Kirivong		1.5	210,000													

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid		
1	2	3	4	5	6	7	8	9	14	15	16	17	18	19	20	21	22	23	24	25		
3	CW17b-CFAVC-MRD-TK3-2022	Phum Bey Samaky		Krapum Chhouk	Kaoh Andaet		0.55	77,000														
4	CW17b-CFAVC-MRD-TK4-2022	Champa Prey Phdav		Champa	Prey Kabas		3.8	532,000														
5	CW17b-CFAVC-MRD-TK6-2022	Rolous Meas		Thlea Prochum	Kaoh Andaet		6.28	879,200														
6	CW17b-CFAVC-MRD-TK7-2022	Samaky Amatak Khvav		Khvav	Samrong		7	980,000														
7	CW17b-CFAVC-MRD-TK8-2022	Cheung Kuon Choukchey		Cheung Kuon	Samrong		4.4	616,000.00														
8	CW17b-CFAVC-MRD-TK9-2022	Punleu Kasikar		Boeung Tranh Khang Cheung	Samrong		7.5	1,050,000														
9	CW17c-CFAVC-MRD-TBK-01-2022	Seda Meanchey	Tbong Khmum	Dambae	DamBae		13.10	1,834,000.														

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid		
1	2	3	4	5	6	7	8	9	14	15	16	17	18	19	20	21	22	23	24	25		
10	CW17c-CFAVC-MRD-TBK-02-2022	Kaksekor Dambae		Tuek Chrov	Dambae		17	2,380,000														
11	CW17c-CFAVC-MRD-TBK-03-2022	Romdoul Dountei		Doun Tei	Ponhea Kraek		14.84	2,077,600														
12	CW17c-CFAVC-MRD-TBK-04-2022	Lngieng Meanchey		Lngieng	Tbong Khmum		9.65	1,351,000														
13	CW17d-CFAVC-MRD-KC-01-2022	Toul Preah Vihea	Kampong Cham	Sompong Chey	Cheung Prey		5.80	812,000														
14	CW17d-CFAVC-MRD-KC-02-2022	Reamea Cheung Prey		Pdau Chum			3.75	525,000														
Plan for rehabilitation in year 2022 of 6 Packages Road sub-projects with Length of							102.50	14,350,000														

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1  
**PPMS Update Report 4 (July – December 2021)**

No.	Package Name	AC Name	Province	Commune	District	Ranking Priority (Year)	Road Length (km)	Estimated Amount of the Package (USD in millions)	Date of issuance of Invitation for Bids	Deadline for bid submission	Submission of BER (for prior) / Submission of BER and signed contract (for post)	Date of signing the contract	Name of the winning contractor	Contract Amount awarded	Date of start of civil works	Duration of the works or supply	Actual date of completion of civil works	Remarks on measures for climate mitigation and adaptation	Economic Internal Rate of Return	Advance amount paid	
1	2	3	4	5	6	7	8	5	14	15	16	17	18	19	20	21	22	23	24	25	
Total road planned to be studied within 3 years period is 42 road lines and total of							273.63	38,308,200													



**MEMORANDUM OF UNDERSTANDING BETWEEN**

**THE ASIAN DEVELOPMENT BANK AND**

**THE ROYAL GOVERNMENT OF CAMBODIA (RGC)**

**ADB Loan 3661/GCF Loan 8346 and GCF Grant 0579:**

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

**2021 Virtual Annual Review  
Mission (22–29 November 2021)**

## I. INTRODUCTION

1. The Asian Development Bank (ADB) conducted a virtual annual review mission from 22 to 29 November 2021 to discuss institutional, technical (including safeguards-related), procurement, disbursement, and capacity-related issues facing the Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC, the Project) and agree on a time-bound action plan.<sup>1</sup> Key objectives were to: (i) review overall implementation and update the project implementation schedule, in consultation with the executing agency (EA), implementing agencies (IAs) and consulting firms (CS); (ii) examine implementation issues that the project is facing, and work out measures with the EA and IAs to resolve them; (iii) review actions on procurement, financial management, environmental and social safeguards, and gender; (iv) check on the timeliness of preparation and approval of annual work plans; (v) review project expenditures, and estimate whether the project can be completed within the original cost estimates; (vi) identify savings or cost overruns that may materialize under the project and ascertain the need to reallocate loan and grant proceeds between categories; (vii) assess contract awards and disbursement, including the fund flow mechanism; (viii) review the latest project structure, including the consulting resources; (ix) review the project performance monitoring system (PPMS); (x) review the government's compliance with loan and grant covenants and, where there is any noncompliance or delay, discuss proposed remedial measures; (xi) discuss the timing of the mid-term review mission; and (xii) agree on actions to speed-up project implementation.

2. A kick-off meeting, chaired by the Project Director and Deputy Secretary General, Ministry of Agriculture, Forestry and Fisheries (MAFF), and attended by representatives of the Ministry of Economy and Finance (MEF), MAFF, Ministry of Water Resources and Meteorology (MOWRAM), Ministry of Rural Development (MRD), and staff from the Provincial Department of Agriculture, Forestry and Fisheries (PDAFF), Provincial Department of Water Resources and Meteorology (PDWRAM) and Provincial Department of Rural Development (PDRD) from the four project provinces (Kampong Cham, Tboung Khmum, Kampot, and Takeo) took place on 22 November 2021. The Mission held consultations with staff of each IA and target provinces and conducted focused discussions on crosscutting issues. A wrap up meeting, chaired by the Project Director and Deputy Secretary General, MAFF, and attended by staff from MEF, MAFF, MOWRAM, and MRD was held on 29 November 2021. The Mission schedule and the list of persons attending the virtual mission are in Attachments 1 and 2 respectively.

3. This memorandum of understanding (MOU) outlines the agreements reached between the Mission and the Government on project implementation. The agreements set out in this MOU are subject to review and approval by higher authorities of the Government and ADB.

## II. THE PROJECT

4. On 29 June 2018, ADB approved the CFAVC Project for a total of \$141.04 million [Loan numbers: 3661 (ADB) and 8346 (GCF) and Grant number: 0579(GCF)]. ADB declared its loan effective on 1 October 2018, and GCF loan and grant were declared effective on 28 March 2019. The project, to be implemented over 6 years from October 2018 to September 2024, supports fulfilling the Royal Government of Cambodia's Agriculture Sector Strategic Development Plan and

---

<sup>1</sup> The Mission comprised (i) Srinivasan Ancha, Principal Climate Change Specialist/Mission Leader; (ii) Leonard Leung, Agriculture and Natural Resources Economist; (iii) Piseth Long, Senior Project Officer, CARM; and (iv) Karen Chua, Operations Officer, SEER. Xin Ren, Senior Environment Specialist (Safeguards), Sokunthea Sok, Senior Procurement Officer, Tem Sareivouth, Social Safeguards Specialist (consultant), Sethy Sour, Environmental Safeguards Specialist (consultant) and Pisey Chea, Gender Specialist (consultant) participated in selected meetings. Support from the OIC/Country Director, CARM, and other CARM staff is gratefully acknowledged.

the Industrial Development Policy, by improving the competitiveness of agribusiness value chains in Kampong Cham and Tboung Khmum provinces along the Greater Mekong Subregion (GMS) southern economic corridor, and in Kampot and Takeo provinces along the south coastal economic corridor. The project will boost the climate resilience of critical agricultural infrastructure and help commercialize rice, maize, cassava, and mango production. It will help increase crop productivity and diversification; improve the capacity for storage, processing, and quality and safety testing; and promote the use of solar and bioenergy. It will strengthen the technical and institutional capacity for climate-smart agriculture (CSA) and create an enabling policy environment for climate-friendly agribusinesses. This will in turn promote long-term environmental sustainability and enhance the profitability for farmers and agribusinesses.

5. **Impact, outcome, and outputs:** The project is aligned with the following impact: agricultural competitiveness improved.<sup>2</sup> The project will have the following outcome: productive and resource-efficient agribusiness value chains developed in project areas. The project has three outputs: (i) critical agribusiness value chain infrastructure improved and made climate-resilient;

(ii) climate-smart agriculture and agribusiness promoted; and (iii) enabling environment for climate-friendly agribusiness enhanced.

6. **Implementation arrangements:** 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.

### III. MISSION FINDINGS

7. **Overview of contract awards and disbursements:** As of 29 November 2021, the project awarded contracts worth of \$16.47 million (11.7% of the total project cost) and disbursed \$18.96 million (13.4% of the total project cost), including advances of around \$2 million. This is against a lapse period of 36 months from the time of project effectiveness. The project experienced start-up delays of more than one year due to long negotiations with consulting firms. Mobilization of consulting firms nearly coincided with the onset of coronavirus disease (COVID-19), thereby posing many restrictions on the work of both international and national consultants for nearly 20 months between March 2020 and October 2021. The COVID-19 adversely impacted project implementation in multiple ways such as: (i) extensive delays in conducting feasibility studies and detailed engineering design (DED) for various subprojects; (ii) severe restrictions on field data collection to conduct due diligence; and (iii) inability to conduct capacity strengthening activities in a timely manner. Bidding and construction works were delayed considerably leading to severe shortfalls in contract awards and disbursements. Although some work was done virtually and a few field consultations were conducted following COVID-19 protocols, the low quality of documentation required multiple reviews by the government staff and ADB.

8. **Extension of the project implementation period:** The 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. The extension is also necessary to bring the project back on track from its current "at risk" status. The PMU sent the

letter of request for extension of the project implementation period to the Minister of MAFF with a request to forward the letter to the Deputy Prime Minister and the Minister of MEF by 30 November 2021. The Mission requested MEF to process the letter to ADB at the earliest so that ADB management could approve the proposal for extension within December 2021.

9. **Project Steering Committee:** The PSC held its first meeting on 26 November 2019 and the second meeting on 28 January 2020. The PSC did not meet since then primarily due to COVID-19 and partly due to transfer of the PSC chairperson to another ministry. The Mission requested the PMU to request the minister of MAFF to nominate the PSC chair and organize the third PSC meeting by 31 January 2022 to endorse the annual work plan and budget (AWPB) for 2022, review the project progress, and identify additional steps needed to expedite project implementation. The organization of PSC meetings at regular and frequent intervals will help resolving outstanding issues in a timely manner. The Mission requested MEF to approve AWPB by 15 February 2022.

10. **Implementation responsibility for rehabilitating on-farm water harvesting ponds and demonstrating drip irrigation:** The second PSC meeting could not agree on IA for rainwater harvesting ponds and drip irrigation demonstrations and requested MEF to decide the IA by February 2020. The Mission requested the MEF to facilitate an early resolution, latest by the next PSC meeting in January 2022, as delays in resolution of IA also delayed project implementation.

11. **Consulting firm issues:** Three consulting firms (CS1 Package led by the Agriconsulting Europe SA (Belgium) and SBK Research and Development Co. Ltd. (Cambodia); CS2 Package led by e-Gen Consultants Ltd. (Bangladesh) and SBK Research and Development Co. Ltd. (Cambodia), Okapi Environment Consulting, and International Center for Tropical Agriculture; and CS5 Package led by the Resources Development Consultants (Sri Lanka) and CAM-CSTR [Cambodia]) were mobilized in late 2019.<sup>3</sup> The mission expressed four concerns with consulting teams: (i) frequent turnover of specialists and replacements; (ii) long delays in finding suitably qualified national consultants; (iii) low performance of a few consultants especially in terms of poor-quality documentation and long delays in submission of monitoring reports; and (iv) lack of effective coordination between a few international and national consultants. The lack of adequate number of suitably qualified safeguard specialists and infrastructure engineers led to substantial delays in completing feasibility studies and DED of various irrigation and road subprojects. The lack of suitably qualified national specialists for some positions (e.g., ISO 17025 Accreditation Compliance Specialist, GMO and Phytotoxin Analysis Specialist) delayed activities focusing on food safety and quality.

12. The consulting firms expressed six key concerns: (i) inability of international consultants to visit subprojects due to COVID-19 leading to ineffective collaboration between international and national consultants; (ii) delays in approval of contract variations for replacement of consultants and invoices; (iii) low inputs for team leaders, deputy team leaders, engineers, and social safeguards specialists, especially to assist with due diligence of subprojects in MOWRAM and MRD; (iv) lack of adequate understanding of IAs regarding differences in terms of reference of various consulting firms mobilized; (v) difficulties in finding suitably qualified national consultants in highly technical areas; and (vi) lack of timely responses from the government staff to consultant queries on policy issues. The Mission stressed the need for optimization of consultant inputs and asked the firms to ensure a good balance between the claimed inputs and deliverables by each consultant. The Mission noted that both the government and ADB are seriously concerned about the overall performance and deliverables by the consulting teams. The Mission asked firms to conduct an objective analysis of needs for additional consultant inputs and associated budgets required for the entire project duration (including the proposed extension) by 15 January 2022. The Mission noted that the PMU and ADB would carefully assess the requests based on past performance of various consultants and propose reallocations during mid-term review mission planned for July 2022. The Mission also asked PMU to assess urgent consultant needs for timely completion of due diligence of priority subprojects identified so far by mobilizing additional consultants within the available



budget.

13. The Mission held meetings with MAFF, MOWRAM, MRD and provincial staff separately to assess progress of subprojects and identify steps to expedite project implementation. In addition, the Mission discussed project-wide issues (e.g., safeguards, gender, procurement, financial management, monitoring and evaluation). The key findings are listed under each output.

14. **Output 1: Critical agribusiness value chain infrastructure improved and made climate-resilient:** Key activities under this output involve (i) rehabilitating irrigation and water management infrastructure (27 off-farm irrigation systems, 800 on-farm rainwater harvesting ponds, and 10 drip irrigation demonstrations; 4,000 hectares of laser land levelling) to climate-resilient condition; (ii) upgrading agricultural cooperatives' value chain infrastructure (drying, processing, and storage facilities of at least 80 cooperatives); (iii) improving the connectivity of farms to cooperatives and markets through climate-resilient farm road networks (at least 250 km);

(iv) strengthening the infrastructure for agricultural quality and safety testing at national agricultural laboratory; and (v) promoting renewable energy (12,000 biodigesters, and 6,000 compost huts and use of solar energy in target cooperative areas).

(i) **Irrigation and water management infrastructure:** As of 22 November 2021, the MOWRAM team considered 32 irrigation subprojects meeting the project selection criteria, of which four were dropped due to safeguards concerns, urban pressures, or support by other development partners. **The first batch** included 9 subprojects (2 each in Kampong Cham, Kampot, and Takeo provinces and 3 in Tbong Khmum province) with an estimated irrigable area of 3,250 hectares (ha) with an estimated contract value of \$8.49 million. Rehabilitation of one irrigation subproject (Trapeang Run in Kampot province) was completed on 4 August 2021 and construction of three subprojects in Tbong Khmum has initiated. While the environmental safeguards screening was completed for all remaining 6 subprojects, topographic surveys, feasibility studies, DED were completed only for 5 subprojects. Feasibility studies and DED for one scheme (Prey Takoch in Kampot province) are still underway. Due diligence on social safeguards for 3 subprojects (Trapeang Tros subproject for which detailed resettlement plan (DRP) is under preparation; and Prey Kdouch and Krang Empil subprojects waiting for approval of due diligence reports (DDR) is in progress. The Mission learned that two irrigation subprojects (Prey Kdouch and Krang Empil in Takeo province) received no objection letters (NOL) for bid evaluation reports (BERs) while preparation of BERs for two subprojects (Pram Kompheak and O Kamprok) is in progress.

**The second batch** includes 10 irrigation subprojects (1 in Kampong Cham, 2 in Kampot, 5 in Takeo and 2 in Tbong Khmum) with an estimated irrigable area of 6,200 ha and an estimated contract value of \$12.22 million. As of 22 November 2021, topographic surveys and feasibility studies are in early stages for all schemes. Topographic surveys could not be completed on schedule due to flooding in Takeo province. The Mission asked the consulting team to complete topographic surveys and feasibility studies by 31 March 2022, DED and safeguards clearance by 30 June 2022 leading to completion of contract signing for all the second batch of subprojects by 30 September 2022. The Mission asked the consulting team to confirm the remaining third batch subprojects by 31 May 2022 in close discussion with social safeguards specialists at the General Department of Resettlement (GDR) of MEF and ADB Resident Mission in Phnom Penh.

MOWRAM team noted that shortage of irrigation design engineers and social safeguards specialists is the main barrier for completion of irrigation subprojects and sought additional safeguards specialists (social, environmental, and gender) for 24 person-months each. The team noted that construction work in some subprojects had to be postponed from one season to another season due to delays in addressing social safeguards. They also noted that independent third-party verification of voluntary donation is time consuming, leading

to delayed civil works. They noted that COVID-19 led to increases in construction costs mainly due to increased prices of steel and fuel for transport.

The Mission asked the team to (i) prepare a master list of all subprojects, including their geographic coordinates, climate resilience measures, cost estimates and detailed schedule from topographic surveys to completion of construction of each subproject by 15 January 2022; (ii) involve GDR specialists early in the assessment of subprojects to build consensus on social safeguards categorization of subprojects; (iii) identify climate resilience measures (e.g., raising canal embankments, bioengineering) in each subproject; (iv) develop operations and maintenance (O&M) plans for each subproject focusing on institutions, technologies, finance, and capacity building; and (v) conduct an impact assessment of the completed subprojects. The Mission noted that a subproject maintenance manual was prepared for Trapeang Run irrigation subproject and agreed to expand its scope into an O&M plan by the end of December 2021. The team also agreed to complete the first impact assessment (e.g., socio-economic impacts, social safeguards, farmers' views on construction quality, climate resilience measures) for Trapeang Run irrigation subproject by the end of February 2022.

The work on on-farm water harvesting ponds and drip irrigation schemes was suspended pending the decision on IA (para 10). The Mission requested MEF to facilitate quick resolution by December 2021 or latest by the time of PSC meeting in January 2022. If it helps, the Mission is ready to request ADB's senior management to write to the higher management of the government. If the issue is not resolved by the next PSC meeting in January 2022, the Mission could propose to inform the GCF to cancel the funds or agree to reallocate funds by the time of mid-term review mission in July 2022.

- (ii) **Agricultural cooperatives:** The MAFF team identified 55 agricultural cooperatives (ACs) meeting the project selection criteria and an additional 25 ACs are yet to be identified. **The first batch** of 20 ACs (5 ACs each in Kampong Cham, Kampot, Takeo and Tbong Khmum provinces) are under construction since October 2021 with a contract value of \$1.59 million, 4,307 direct beneficiaries and 3,446 indirect beneficiaries. **The second batch** of 35 ACs with an estimated contract value of \$4.45 million are undergoing due diligence and would be ready for bidding by 31 January 2022. The Mission asked the team to expedite identification of the remaining 25 ACs by 15 March 2022, with invitations for bids to be completed by 30 September 2022. The Mission noted nearly 30% savings in the first batch of ACs. The Mission asked the MAFF team to identify specific climate resilience and greenhouse gas mitigation measures, number of direct and indirect beneficiaries (sex disaggregated), geographic coordinates, and prepare an O&M plan for each AC. The Mission provided a template to provide additional information and asked the MAFF team with the help of the PIC to complete it by 31 January 2022 for the first batch of 20 ACs as part of the 4<sup>th</sup> quarterly report for 2021, and by 30 April 2022 for the second batch of 35 ACs as part of the 1<sup>st</sup> quarterly report for 2022.

The MAFF team informed that ACs preferred modern cylindrical dryers instead of flatbed dryers, as the latter have four demerits: (i) longer drying time, (ii) smoke and odor of milled rice, which is unattractive to customers, (iii) lower paddy output capacity – it takes six days to dry about 4 tons paddy, and (iv) need intensive labor, leaving little economic benefit for ACs. However, cylindrical dryers are more expensive than flatbed dryers. The team noted that budget allocated for dryers is inadequate to accommodate the modern cylindrical dryers in all 80 ACs. The Mission asked the team to prioritize ACs to be provided with modern cylindrical dryers, while carefully considering number of beneficiaries, efficiency, and equity principles. The team informed that ACs would be equipped with solar photovoltaic (PV) panels to meet basic energy needs of lighting and cooling. The Mission asked the team to conduct additional due diligence on contractors in procuring solar PV panels to ensure that the suppliers and manufacturers do not engage child labor. The Mission will share the standard clauses to be included in the

bidding documents as part of due diligence. The Mission asked the team to promptly inform ADB regarding progress in installation of solar PV panels.

- (iii) **Rural connectivity infrastructure:** As of 22 November 2021, the MRD team 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 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 is considered appropriate to minimize the cost. The Mission noted the choice of concrete roads for connecting ACs to markets, and DBST in place of laterite road for farms to ACs. The Mission raised a concern that 36 ACs would not benefit from such resilient farm roads mainly due to lack of funds. The MRD team noted that additional ACs would be supported if savings materialize from the contracts for 44 farm roads.

Bidding was completed for the first batch of 8 farm road subprojects with a total length of 70.9 km (benefitting 2 ACs each in Kampong Cham, Kampot, Takeo, and Tbong Khmum provinces) and a contract value of \$8.67 million with 82,765 (females: 42,447) direct beneficiaries and 859,083 (females: 440,566) indirect beneficiaries. However, construction work cannot commence in any subproject because of delays associated with social safeguards (e.g., compensation payment to affected households, responding to independent third-party queries on land donation, and awaiting GDR's response to the replacement cost). The Mission requested the GDR and MRD teams to expedite the process so that construction is completed by September 2023. The Mission and MRD team noted with satisfaction that experienced contractors with high qualifications won bids for the first batch of road subprojects.

Of the first batch of 8 farm road subprojects, ADB already issued no-objection to the BERs for package CW17b lot 1 and lot 2 in Takeo province in November 2021. Following ADB's clearance of the DRP in September 2021, MRD may proceed to sign the contracts with the respective winning bidders with a condition that no civil works can commence until compensation to the affected households as per DRP is completed, which is expected by December 2021 according to GDR. Contracts for the remaining farm road subprojects of the first batch can be signed once ADB clears the social safeguards documents ( Initial Environmental Examination [IEE] cleared already) with the same condition that no civil works should commence until compensation to affected households, if any, is completed.

The second batch of 20 road subprojects with a total length of 100.1 km (benefitting 4 ACs each in Kampot and Kampong Cham, 5 ACs in Takeo, and 7 ACs in Tbong Khmum) with an estimated contract value of \$14.00 million are undergoing due diligence and DED and would be ready for bidding by 28 February 2022. The work on the final batch of 16 farm road subprojects with a total length of 102.6 km will commence in June 2022.

The MRD team expressed strong concern on the lack of inputs for social safeguards specialists and budget for conducting socio-economic surveys and environmental surveys. The Mission confirmed the availability of \$105,000 for surveys as part of the approved contract variation no. 10 of CS5 contract and encouraged the team to utilize the budget. The Mission asked the team to expedite completion of social safeguards due diligence by involving the GDR staff early in the process of design of road subprojects. The Mission suggested that reallocation of existing resources should be considered to provide additional inputs for social safeguards specialist at least up to June 2022. Further allocation of resources would be considered during mid-term review mission in July 2022.

The MRD team noted that COVID-19 led to some increases in cost of steel, cement, and fuel with 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. The MRD team noted that flooding and high temperatures increase vulnerability of farm roads in all target provinces. The Mission asked the MRD team to pay due attention to climate resilience measures and quantify the additional costs of such measures to convince GCF and other development partners to provide grant funds for climate proofing. The Mission also asked the team to prepare O&M plan for each road subproject. The MRD team noted that a maintenance committee is formed for each road subproject by the time the construction is completed. The Mission also urged the team to conduct impact assessment of road subprojects within one year of completion by focusing on direct impacts on ID Poor 1 and ID Poor 2 beneficiaries. MRD team noted that farm roads from ACs to markets should be wide enough (5–6 m) to allow safe and smooth transport of farm products to markets.

- (iv) **Laboratory infrastructure:** The Mission reiterated the concerns from ADB and MEF on laboratory investments and urged the GDA to ensure alignment of requests for laboratory upgrades and equipment with the strategic framework for laboratory improvements at MAFF, which is under preparation with support from ADB. The Mission asked the GDA team to reassess infrastructure and equipment needs for laboratories in line with such Strategic Framework. The Mission proposed a stepwise approach with the National Agricultural Laboratory (NAL) to help achieve ISO 17025 registration for biotechnology laboratory by focusing first on laboratories supporting biofertilizer and organic fertilizer certification, and plant tissue culture. The Mission appreciated the team's efforts in 2021 in (i) conducting on-the-job training of NAL staff; (ii) drafting a national standard for biofertilizer production and quality testing; and (iii) drafting a manual on plant tissue culture. The Mission requested the team to finalize both drafts by 31 January 2022.

GDA team noted that space in the current laboratory is limited and that upgrades would be needed (estimated cost: \$100,000) to accommodate new equipment and meet ISO 17025 accreditation. The GDA team also sought support for construction of net house at an estimated cost of \$24,000. The Mission agreed that both laboratory renovation, and net house construction would be supported but the budget for such upgrades should be from the budget allocated for laboratory equipment in the approved procurement plan, and not from savings under ACs. The GDA team agreed to submit bidding documents for laboratory renovation, net house construction, and laboratory equipment for ADB review along with a status paper on laboratory renovation needs by 31 December 2021, with a view to send invitation for bids by 1 February 2022. The Mission expressed concern on unavailability of qualified laboratory consultants and asked the PMU to consider national consultants from other neighboring countries, if required.

- (v) **Renewable energy infrastructure:** The Mission noted with appreciation that the project constructed three model biodigesters and compost huts to demonstrate the benefits to potential beneficiaries and conducted three on-farm demonstrations of integrated farming using bio-slurry. The PMU and GDAHP staff expressed strong concerns on the project's ability to attain the target of 12,000 biodigesters and 6,000 compost huts due to new developments in the project area and challenges. They include: (i) lack of qualified bidders and bidding procedures; (ii) inability of beneficiaries to provide their contribution due to COVID-19 induced economic difficulties; and (iii) limited interest from smallholders to install biodigesters 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 biodigesters include: (i) free supply of 1,500 biodigesters, 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. The team asked the Mission to consider the following to

achieve the targets: (i) revisit cost estimates by including administration and overhead expenses of about 30% in the net price of biodigesters; (ii) increase subsidy to 90–100% of the cost; (iii) change procurement method from national competitive bidding (NCB) to shopping or community participation; and (iv) expand the eligibility to include small commercial farms besides households in line with the MAFF Policy on Biodigester Development, 2021–2030. The team asked the Mission to discuss with GCF on prospects for increasing subsidy to households to reduce payment burden in the context of COVID-19.

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 noted the need for increasing subsidy in view of COVID-19, but subsidies should not distort the biodigester 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 biodigesters rather than confining to farmer-friendly brick biodigesters. The Mission also suggested to involve and support the private sector in identification of potential beneficiaries of biodigesters and compost huts. The Mission asked the PMU and consulting team to prepare the revised bidding document for the first batch of biodigesters and compost huts by 31 December 2021.

The Mission stressed that the project team should strive to achieve the original project targets for biodigesters 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 July 2022.

15. **Output 2: Climate-smart agriculture and agribusiness promoted.** Key activities include (i) deploying climate-resilient varieties; (ii) strengthening the capacity for climate -friendly production practices and technologies; and (iii) promoting farm mechanization and extension. The project will support CARDI to multiply and distribute climate -resilient varieties of rice and maize and to improve weaning and acclimatization of mango and cassava. The project will train at least 40,000 farmers (of which 16,000 are women) on CSA practices. It will demonstrate laser land leveling to improve water use efficiency and enhance the capacity of FWUCs to operate and manage irrigation schemes. The project will construct and upgrade four farm mechanization workshops and four agribusiness training facilities to train FWUCs, women farmers, and members of ACs in infrastructure O&M and farm mechanization.

(i) **Climate-resilient varieties:** The Mission noted with appreciation that CARDI and CS2 teams conducted 128 on-farm demonstrations (38 plots in 2020 and 90 plots in 2021) for seed production and multiplication of 3 climate-resilient varieties of rice (Phkar Rumduol- PRD, Phkar Mealdey-PMD and CAR 16). The teams also conducted 10 on-farm demonstrations (2 plots in farmer fields and 3 plots at highland conservation seed development center in Kampong Cham and 5 plots in farmer fields in Tboung Khmum province) of 4 climate-resilient and disease-resistant cassava varieties (81, KU-50, Rayong-9 and Huy Bong-90) in 2021. No work was conducted on maize and mango.

The Mission expressed strong concern to CARDI team regarding long delays in finalizing the terms of reference for CS3 package to assist CARDI in multiplication and deployment of climate resilient varieties of rice (CAR 16 and Phka Mealdei) , one variety of maize (CM1), CMV (cassava mosaic virus) tolerant cassava and high yielding double

season mango varieties amenable for floral manipulation. The Mission noted that CARDI should decide on the type and level of support needed from IRRI or other organizations, including the types of international and national experts to deliver the tasks. IRRI will then be invited to submit a technical and financial proposal to develop and deploy climate resilient varieties and assist with implementation of capacity building program on CSA. The Mission asked CARDI to submit the updated terms of reference by 31 December 2021 prior to releasing the request for proposal, latest by 1 February 2022. The Mission noted that the support from IRRI is not to conduct basic research on screening germplasm but to focus more on multiplication of advanced lines of climate resilient varieties and their deployment in four target provinces. The Mission also stressed that individual specialists may be considered to assist CARDI, if IRRI is unable to provide the support needed by CARDI.

The Mission asked the CS2 team to assist CARDI's seed commercialization program by developing a policy brief by April 2022 with recommendations on the legal framework to develop intellectual property rights and partial cost recovery for the institution. The GDA and CS2 teams identified 500 ha for laser land levelling but no bidding was initiated for the actual work. The Mission asked the CS2 team to prepare a strategy paper on laser land levelling with annual targets to achieve the project target of 4,000 ha, including budget for civil works and budget for mapping. The Mission asked the team to collaborate with rice commercialization project, especially in terms of comparison of cost estimates and finding potential contractors for laser land levelling. The PMU requested the Mission to consider revising the procurement method from NCB to shopping, based on experiences from the rice commercialization project.

- (ii) **Capacity building:** The Mission was informed that GDA and CS2 team conducted 4 national and provincial "training of trainers" (TOT) workshops on CSA and sustainable rice platform (SRP). The TOT on SRP facilitated direct paddy marketing links with SRP-affiliated millers and traders. Against the project target of training 40,000 farmers on CSA, very few (2,046 farmers [46% women] in 2020 and 2,490 farmers [30% women] in 2021) were trained due to COVID-19 related restrictions. For example, only 38% of planned 386 training workshops for farmers could be conducted in 2021. TOT training on operation of biodigesters and compost huts were also conducted. The CS2 and GDAHP team prepared a draft manual on bio-slurry management. The Mission asked the teams to finalize the draft for publication by April 2022.

The GDA staff expressed interest to adopt ASEAN guidelines for CSA for four target crops and asked the CS2 team to prepare CSA implementation guidelines after thorough assessment of various CSA practices for adoption in Cambodia. The GDA staff also sought project support for preparing training materials on CSA and SRP in Khmer language. The Mission asked the CS2 team to adopt ASEAN guidelines and prepare CSA implementation guidelines for 4 target crops by 31 May 2022. The Mission asked the CS2 team to prepare a revised masterplan for capacity building on CSA and SRP by 15 January 2022 by considering the extended project duration. The Mission also asked the CS2 team to conduct training for at least 100 mango farmers (with at least 30 women) on compliance with CAMGAP for tropical fruit by 30 June 2022.

The Mission noted that the national FWUC training specialist conducted several meetings with water user communities and local authorities, and technical meetings with staff of PDWRAM and Department of FWUC at MOWRAM to assess training needs of FWUCs and farmer water user groups (FWUGs) in target provinces. The team prepared a draft training manual for FWUCs focusing on (i) leadership and management; (ii) bookkeeping; (iii) communication; (iv) O&M of irrigation schemes; and (v) regulations and service fee for irrigation.

As of 22 November 2021, the team assisted in establishing 3 FWUCs in Tbong Khmum province, which received official registration from MOWRAM and seals from the Ministry

of Interior. Registration of additional 13 FWUCs is in process. The Mission asked the MOWRAM team to help establish and register the remaining 11 FWUCs. The team asked the mission to allocate \$560,000 for establishing and training of 27 FWUCs. The Mission confirmed that an allocation of \$270,000 is available and asked the team to prepare a detailed training plan for FWUCs on water management in general and O&M of irrigation schemes in particular by 31 January 2022.

- (iii) **Farm mechanization and extension:** The construction of 3 training facilities at provincial agricultural development centers (PADCs) in Kampong Cham, Tbong Khmum and Takeo provinces with a contract value of \$0.29 million, and 3 farm mechanization workshops (FMWs) in Kampong Cham, Kampot and Tbong Khmum provinces with a contract value of \$0.19 million commenced in August 2021 but progress is limited so far due to rains. The national solar PV specialist assessed opportunities for using solar energy in PADCs and FMWs. The Mission asked the team to complete solar system designs for PADCs and FMWs by 30 April 2022. The MAFF team sought project support for construction of a new training facility in Kampot province and a new FMW in Takeo province. The Mission noted that such additional requests could not be accommodated at this stage due to shortage of funds. However, such requests could be considered based on savings realized from other PADC equipment contracts at a later stage. The Mission asked the CS2 team to prepare a training plan on farm mechanization in target provinces by 31 March 2022.

16. **Output 3: Enabling environment for climate-friendly agribusiness enhanced.** Key activities include (i) formulating climate-friendly agribusiness policies and standards; (ii) promoting green finance and risk-sharing mechanisms; and (iii) supporting climate risk management through information communication technology (ICT). The project will provide support for farm product certification, quality, and resilience standards, including Cambodia's good agricultural practice (CAMGAP) and organic fertilizer standards. The project will support ACs in becoming sustainable agribusiness ventures by linking up with the private sector and by establishing crop-centric public– private partnerships (PPP) forums. The project will raise financial institutions' awareness on green finance and the integration of environmental and climate risk screening criteria into credit application and reporting procedures. Using ICT, the project will provide weather, market, and agronomic information to create an environment for more effective climate risk management.

- (i) **Agribusiness policy and standards:** The Mission expressed strong concern on progress of work on output 3 and asked the CS2 team to expedite the policy work. The Mission learned that the Department of Agroindustry prepared a draft policy on agroindustry for the period 2019–2030 but it was not yet recognized as a national policy. The Department of Planning and Statistics, however, sought project support for developing a separate national policy for agribusiness. The CS2 team noted that one national policy covering both agribusiness and agroindustry would be ideal. The Mission asked the CS2 team to expedite formulation of gender-responsive agribusiness policy for target crops, in close cooperation with the Ministry of Commerce (MOC) and other related ministries.

The CS2 team noted that the team developed a draft national standard for farmer friendly biodigester, and that a draft standard on organic fertilizer is in preparation. The team confirmed that CamGAP standard for tropical mango already exists. However, it is complex and developed to meet requirements of only PRC market. The CS2 team asked the Mission if there is a need to simplify CamGAP standard for mango for other export markets or if it is better to develop such standard for another fruit. The Mission noted that it is better to focus on the former, as no other tropical fruit is covered under this project.

The CS2 team, in close cooperation with Department of Planning and Statistics, completed an initial review of existing policies and strategies on agribusiness and the progress in adoption of standards for CSA, GAP and SRP. The Mission asked CS2

team to enhance awareness of producers and consumers on ASEAN guidelines for GAP, CSA and SRP in 2022. The Mission also asked CS2 team to discuss with Cambodia Rice Federation and GDA and develop an approach to pursuing commercialization of SRP standards by 31 August 2022.

- (ii) **Green finance and Public–Private Partnerships (PPP):** The CS2 team prepared a draft PPP framework for agribusiness but it needs further discussion with MEF. The Mission requested PMU and GDA to help establish crop-centric PPP platforms and an inter-ministerial committee on PPPs by 30 June 2022. The Mission asked the CS2 team to examine specific support required to improve regulations governing contract farming and agricultural cooperatives in relation to Cambodia's national PPP framework. The international and national green finance specialists prepared a green finance needs assessment questionnaire. The Mission asked them to prepare a detailed training program on green finance and CSA to financial institutions by 31 January 2022.
- (iii) **ICT for climate risk management:** The Mission noted that recruitment of ICT firm is in progress in close cooperation with Ministry of Posts and Telecommunications, as advised by MEF during the second PSC meeting. The Mission asked PMU to send the request for proposals to six shortlisted firms by 15 December 2021.

17. **Other technical issues:** The Mission noted the need for involving other ministries such as MOC, MOE, MISTI, civil society organizations, the private sector, and relevant development partners active in project areas in project implementation. The Mission stressed that the GCF requires the project to prepare a viable and realistic O&M plan for each infrastructure subproject, focusing on institutions, capacity building, financing, and technologies. The Mission noted that cooperatives and farmers will be partially responsible for the O&M of infrastructure and the project should ensure to involve beneficiary farmers in the design and implementation of subprojects. All IAs confirmed to prepare detailed O&M plans for each subproject within six months of completion of construction of the subproject.

18. **Procurement review and issues:** PMUs, with support from CS1, CS2, and CS5, updated the procurement plan (Attachment 4) with updated estimated contract cost and timing of procurement. The updated procurement plan will be reviewed and approved by the procurement review committee (PRC) prior to submission to ADB, and the revised contract awards and disbursement projections by 3 December 2021. The Mission stressed the need for reducing the number of contracts to the extent possible.

19. **Social safeguards (Category B):** The Mission confirmed that the project will support only category B and C subprojects, and that civil works must not be initiated until all clearances from the GDR of MEF and ADB are received. As of 22 November 2021, 4 consolidated DDRs (2 for MAFF, 2 for MOWRAM), 1 DRP for MRD, and 1 subproject-specific DDR for MOWRAM were approved and posted on ADB web site. The independent third party (ITP) validated DDRs and associated compensation arrangements for five subprojects. The Mission expressed a strong concern that contracting of subprojects is getting seriously delayed due to delayed clearance of social safeguards by GDR and ADB, leading to even postponement of civil works from one season to another season. The low quality of social safeguards documentation, especially in terms of poor-quality data from the field and data inconsistencies, is a major cause of delays. Both MOWRAM and MRD confirmed that the inputs assigned for social safeguards specialists in CS5 team are limited and asked the Mission to allocate additional specialists. The Mission agreed with PMU's proposal to consider mobilizing additional specialists within the currently available budget up to the time of mid-term review mission. The Mission asked the consulting team social safeguard specialists to meet with GDR and CARM safeguards specialists on a regular basis to discuss any safeguards related concerns of subprojects and involve GDR staff very early on in the preparation stage to avoid recategorization of subprojects at a later stage, requiring multiple changes to the design. The Mission asked PMU to organize a project-specific social safeguards clinic by 28 February 2022, with support from ADB safeguards specialists. In all social safeguards related documentation, the Mission asked the consultants and IAs to use the new poverty line thresholds issued by the National Institute of



Statistics on 17 November 2021.

20. **Environmental Safeguards (category B).** The Mission confirmed that only subprojects classified as category B or C will be financed and that all subprojects must be screened for climate risks and incorporate risk reduction measures. As of 22 November 2021, 8 IEEs (1 consolidated IEE for MAFF, 3 for MOWRAM and 3 for MRD) for subprojects were prepared and disclosed on the ADB website. The PMU confirmed that the bidding and contract documents included EMP for category B subprojects and ECC for category C subprojects and corresponding budget. Contractors are required to implement the EMP/ECC under supervision of CS1 Package. The Mission recommended that IAs should strictly continue monitoring the implementation of all active contract packages to ensure compliance to EMP, national legal requirements, and ADB environment safeguards. As Trapeang Run irrigation subproject was completed in August 2021, the Mission recommended MOWRAM to ensure that contractors fully clean up the construction waste and restore the camp sites as pre-construction before demobilization and corrective actions must be documented in the semi-annual environmental monitoring report (SEMR) for July to December 2021.

- (i) **Grievance Redress Mechanism (GRM).** The CS1 team confirmed that the team established GRM and distributed project information booklets (PIBs) with GRM in all consultation meetings. While the GRM was established for all subprojects starting civil works, not all levels were engaged. The Mission recommended that the GRM committee should comprise a representative from various levels, including the PMU/IA, the PPIU, local authority, and contractors. In addition, the Mission recommended that details of the complaint handling mechanism/project hotline and the contact details of the GRM focal points need to be provided on simple signboards at the construction camp and active construction sites to ensure that the GRM is functioning well.
- (ii) **Domestic environmental compliance:** PMU and IAs confirmed that the subprojects selected for implementation in 2020 and 2021 are not covered by the national requirements based on the EIA sub-decree No. 27 (1999) and Prakas No. 21 (2020), hence no approval from the MOE is required. The Mission reiterated that PMU should consult with MOE, if any subproject falls into the requirement for approval by MOE.
- (iii) **Consolidated IEE/EMP:** To reduce the workload in conducting due diligence on the environmental safeguards, the Mission noted that a consolidated IEE/EMP is adequate to cover all subprojects proposed in the annual workplan by each ministry or province or by other ways that suit the country circumstances. It is also suggested to PMU to use national environmental consultants, given the COVID-19 and budget constraints.
- (iv) **Semi-Annual Environment Monitoring Reports (SEMR).** The SEMR covering from January–December 2020 was approved and disclosed on the ADB website in March 2021. ADB approved the SEMR covering January to June 2021 on 30 September 2021, and the SEMR was disclosed immediately on the ADB website. The Mission expressed strong concerns on delayed submission of SEMRs and reminded the PMU on the requirement to regularly prepare and submit safeguards monitoring reports as per Schedule 5 of the Loan agreement. The Mission reminded that safeguards monitoring reports covering the period January to June are due on 15 July, and reports covering the period July to December are due on 15 January of each year. The Mission stressed that SEMR covering July to December 2021 must be submitted to ADB by 15 January 2022.

21. **Gender Action Plan.** The Project is categorized as Effective Gender Mainstreaming. The project promotes gender equality and women's empowerment through enhancing women's capacity in CSA production and processing, management and business, agricultural machinery use and maintenance, accessing and using financing and crop insurance, and through strengthening linkages between women-led enterprises and the agribusiness industry. The Mission noted that the progress of GAP implementation is in line with the overall project progress. However, based on the feedback received from the gender focal points (GFPs) and ADB gender team, the gender team has streamlined and simplified the GAP without changes to the project design and monitoring framework (DMF). The gender team held consultations

with GFPs and select EA representatives on 4 November 2021. The gender focal at ADB informally endorsed the revised GAP (Attachment 4) but the endorsement from EA is pending. The Mission asked PMUs and gender consultants to implement the following: (i) conduct consultations on the revised GAP with the chair of Gender and Children Working Group, MAFF and Gender Mainstreaming Action Group of MOWRAM and MRD and submit the GAP endorsement letter to ADB by 31 December 2021; (ii) prepare a plan to specify how the project will engage Gender and Children Working Group and Women Farmers' Network in the project activities by 28 February 2022; (iii) submit the desk review of gender analysis of target value chains and propose the scope of the detailed study, if any, by 31 March 2022; (iv) integrate all activities and targets of GAP into the project performance and management system (PPMS) by 30 April 2022; (v) improve the quality of GAP progress table and data consistency by 31 May 2022; (vi) optimize the use of resources by joining other activities of the project or in collaboration with development partners ; and (vii) demonstrate capacity improvement of the participants quantitatively for any related gender trainings in the GAP progress table. The GAP progress table should be included in the overall project progress report and updated accumulatively. The Mission stressed that the bidding documents and contracts should include relevant GAP provisions for contractors to comply. The Mission also asked the team to develop the 2022 annual work plan for GAP implementation and include it in the APWB for 2022 for submission to ADB by 31 December 2021.

22. **Financial management and audit:** The Mission confirmed that all IAs submitted acceptable audited project financial statements (APFS) reports on time and noted that the APFS for 2021 must be submitted no later than 30 June 2022. The existing institutional structures for financial management and fund flow arrangements are considered adequate. Agreed actions under the financial management action plan in PAM are being complied and reported as part of the semi-annual progress report.

23. **Project Performance Monitoring System (PPMS) and reporting requirements.** The Mission appreciated the overall framework of PPMS and asked the CS1 team to recalibrate the weights assigned to sub-outputs in a way that there is a reasonably close relationship between physical and financial progress by 15 January 2022 and include it as part of the fourth quarterly progress report for 2021.

24. **Governance and integrity issues:** The Mission reminded EA and IAs on the Schedule 5 of the loan agreement regarding anticorruption and integrity and stressed the need to pay special attention to such issues. The Mission stressed that (i) all contracts financed by ADB shall include provisions specifying the right of ADB to examine the records and accounts of EA and IAs, all project contractors, suppliers, consultants, and other service providers. The project website should disclose implementation progress, safeguards documents, bid notifications and their results, provide grievance mechanism against complaints, and include links to the ADB Anticorruption and Integrity Office.

25. **Compliance with loan and grant covenants:** The Mission discussed and confirmed the status of the loan and grant covenant compliance (Attachment 5).

26. **Mid-term review mission:** The EA and IAs accepted the Mission's proposal to have the mid-term review mission in July 2022. The Mission informed that GCF representatives would participate in the review mission and visit selected subprojects in all four target provinces. The Mission requested the IAs to expedite completion of a few priority subprojects with good climate resilience and greenhouse gas mitigation measures.

#### IV. AGREED ACTION PLAN

27. Below are the agreed actions.

Actions	Due by	Responsible	Para
Processing of the request for extension of the project completion date by 18 months to 31 March 2026 (iv) Letter from MAFF to MEF (v) MEF to ADB	30 November 2021 31 December 2021 15 January 2022	PMU, MEF and ADB	8
Organization of Project Steering Committee meeting	31 January 2022	PMU	9
Approval of 2022 work plan and budget	15 February 2022	PMU, MEF	9
RGC Decision on IA for ponds and drip irrigation	31 January 2022	MEF	10
Analysis of needs for additional consultant inputs and	15 January 2022	CS1, CS2 and CS5	12
<b><i>Irrigation and water management infrastructure</i></b> <ul style="list-style-type: none"> <li>• Master list of the first and second batch of irrigation subprojects with climate resilience measures and detailed schedule</li> <li>• Completion of topographic surveys, feasibility studies, for the second batch of 10 irrigation subprojects</li> <li>• Confirmation of the final batch of irrigation subprojects</li> <li>• DED (including safeguards screening) and approvals</li> <li>• Contract signing for the completed schemes</li> <li>• Preparation of O&amp;M plan for Trapeang Run Irrigation subproject completed</li> <li>• Impact assessment for Trapeang Run Irrigation subproject completed</li> </ul>	15 January 2022  31 March 2022  31 May 2022  30 June 2022  30 September 2022 31 December 2021  28 February 2022	CS1, CS5, and MOWRAM	14(i)
<b><i>Agricultural Cooperatives infrastructure</i></b> <ul style="list-style-type: none"> <li>• Invitation for bids for second batch of 35 agriculture cooperatives including solar energy issued</li> <li>• Master list of the first batch of agricultural cooperatives with climate actions and detailed schedule completed</li> <li>• Identification of the remaining 25 ACs</li> <li>• Master list of the second batch of agricultural cooperatives with climate actions and detailed schedule completed</li> <li>• Invitation for bids for final batch of 25 agriculture cooperatives including solar energy issued</li> </ul>	31 January 2022  31 January 2022  15 March 2022  30 April 2022  30 September 2022	CS2, MAFF	14(ii)
<b><i>Rural connectivity infrastructure</i></b> <ul style="list-style-type: none"> <li>• Completed compensation payment for CW17b for Takeo province</li> <li>• Construction of the first batch of 8 farm road subprojects completed</li> <li>• Invitation for bids for the second batch of 20 rural road subprojects issued</li> <li>• Quantification of COVID-19 impact on costing of farm road subprojects</li> </ul>	31 December 2021  30 September 2023  28 February 2022  31 January 2022	CS1, CS5, GDR and MRD	14(iii)

<b>Actions</b>	<b>Due by</b>	<b>Responsible</b>	<b>Para</b>
<b>Laboratory infrastructure</b> <ul style="list-style-type: none"> <li>Finalization of draft national standard for biofertilizer production and quality testing and manual on plant tissue culture</li> <li>Bidding documents for laboratory renovation, net house construction, and laboratory equipment submitted to ADB along with a status paper on laboratory renovation needs</li> <li>Status Paper on laboratory renovation</li> <li>Invitation for bids for laboratory renovation, net house, and laboratory equipment issued</li> </ul>	31 January 2022  31 December 2021  31 December 2021 1 February 2022	CS2, GDA	14(iv)
<b>Renewable energy infrastructure</b> Revised bidding document for first batch of biodigesters and compost huts submitted to ADB	31 December 2021	CS2, GDAHP	14(iv)
<b>Climate-resilient varieties</b> <ul style="list-style-type: none"> <li>Terms of reference for CS3 Package – Variety Development Consulting Firm improved</li> <li>Request for proposal for CS3 Package issued</li> <li>Policy brief to help CARDI's commercialization program developed</li> </ul>	31 December 2021  1 February 2022 30 April 2022	CS2 and CARDI	15(i)
<b>Capacity Building</b> <ul style="list-style-type: none"> <li>Adoption of ASEAN CSA guidelines for target crops</li> <li>Revised masterplan on capacity building for CSA, GAP and SRP</li> <li>100 mango farmers (at least 30 women) trained on compliance with CAMGAP for tropical fruit</li> </ul>	31 May 2022  15 January 2022  30 June 2022	CS2, GDA PDAFF	15(ii)
<ul style="list-style-type: none"> <li>Detailed training plan for FWUCs</li> </ul>	31 January 2022	CS2, MOWRAM	
<b>Farm mechanization and extension</b> Completion of solar system designs for PADCs and FMWs Training program on farm mechanization prepared	30 April 2022  31 March 2022	CS2, GDA	15(iii)
<b>Agribusiness policy and standards</b> Approach to commercialization of SRP standards completed	31 August 2022	CS2	16(i)
<b>Climate finance and PPP</b> 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	30 June 2022  31 January 2022	CS2, PMU and GDA	16(ii)
<b>ICT for climate risk management</b> Request for proposals to ICT firms issued	15 December 2021	PMU	16(iii)
<b>Procurement</b> Updated procurement plan reviewed by the procurement review committee together with the 2022 annual work plan and budget and the revised contract awards and disbursement projections	3 December 2021	CS1 and PMU	18
<b>Safeguards</b> <ul style="list-style-type: none"> <li>Project-specific safeguards clinic organized</li> <li>Semi-annual social and environmental safeguards</li> </ul>	28 February 2022  15 January 2022	CS1, CS5, PMUs and ADB PMU, CS1, and CS5	19 20 (iv)
<b>Gender Action Plan</b> <ul style="list-style-type: none"> <li>EA endorsement of updated GAP</li> <li>Preparation of a plan to engage Gender and Children Working Group and Women Farmers' Network in the project activities</li> <li>Desk review of gender analysis of target value</li> </ul>	31 December 2021  28 February 2022	PMU and CS1 CS1	

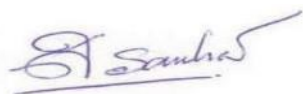
<b>Actions</b>	<b>Due by</b>	<b>Responsible</b>	<b>Para</b>
chains and proposal for the scope of the detailed study	31 March 2022	CS1	21
• Integrate GAP activities and targets into the PPMS	30 April 2022	CS1 and PMU	
• Improve the quality of GAP progress table and data consistency	31 May 2022	CS1	
• 2022 Annual work plan for GAP implementation	31 December 2021	CS1 and PMU	
Submission of APFS for 2021	30 June 2022	PMU	22
Updated PPMS	15 January 2022	CS1	23
Mid-term review mission	July 2022	ADB and PMU	26

## V. ACKNOWLEDGEMENTS

28. The Mission would like to express its sincere appreciation for RGC support during the mission. The next review mission is tentatively scheduled in July 2022.

Signed on 29 November 2021

For the Royal Government of Cambodia



**Dr. Sam Chhom Sangha** Project Director,  
CFAVC and Deputy Secretary General  
Ministry of Agriculture, Forestry and Fisheries

For the Asian Development Bank



**Dr. Srinivasan Ancha**  
Principal Climate Change Specialist and Mission  
Leader  
Environment, Natural Resources and Agriculture  
Division

Annex 9. Gender Action Plan Update January – December 2021

Gender Action Plan	Progress to date	Issues and Challenges															
<b>Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient</b>																	
<p>(i) Women are 40% of participants–involve women and Women Farmers Network (WFN) actively participate in each individual event for all consultation, planning activities related to improvement and climate resiliency of critical infrastructure supported by the project.                      Target 1:On track</p>	<p>In September 2021, CS2 component with PPIU and GFS conducted: Monthly meeting to update the progress of project implementation and next month's planning with involved ACs and WFN and extension workers with total of 18 participants (2 Females or 11%)                      Organized a coordination and monitoring meeting to extend the marketing and coordination mechanism in providing information to relevant partners in the Takeo province with total of 22 participants (5 females or 23%).                      Worked with 22 TWGs (CS2, DACP, DAI, PPIU) to assess strong ACs and private sectors linked to cassava crop production chain and cassava crop product market business, collect all information for preparing slide presentations from ACs, DAI, DACP, DIC and private sector to process of Cassava consultation forum at provincial level-arrangement in KPC and collect inputs for preparing annual budget plan and work plan for years 2022 link to PPP sector as a part of CS2 under CFAVC project. In sum total 108 participants (49 females or 45%). (Please see table below)</p> <table border="1"> <thead> <tr> <th rowspan="2">Description of activities</th> <th colspan="3"># Participants</th> </tr> <tr> <th>Total</th> <th>F</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>Worked with 7 TWGs (CS2, DACP, DAI, PPIU) to assess strong ACs and private sectors linked to cassava crop production chain and cassava crop product market business.</td> <td>61</td> <td>31</td> <td>51%</td> </tr> <tr> <td>Worked with 7 TWGs (CS2, PPIU) to collect all information for preparing slide presentations from ACs, DAI, DACP, DIC and private sector to process of Cassava consultation forum at provincial level-arrangement in KPC.</td> <td>17</td> <td>10</td> <td>59%</td> </tr> </tbody> </table>	Description of activities	# Participants			Total	F	%	Worked with 7 TWGs (CS2, DACP, DAI, PPIU) to assess strong ACs and private sectors linked to cassava crop production chain and cassava crop product market business.	61	31	51%	Worked with 7 TWGs (CS2, PPIU) to collect all information for preparing slide presentations from ACs, DAI, DACP, DIC and private sector to process of Cassava consultation forum at provincial level-arrangement in KPC.	17	10	59%	<p>It is observed the figures are more than the set target due to use the existing list.                      No budget for provided gender training and waiting for ADBs approval on the Pilot practical training.</p>
Description of activities	# Participants																
	Total	F	%														
Worked with 7 TWGs (CS2, DACP, DAI, PPIU) to assess strong ACs and private sectors linked to cassava crop production chain and cassava crop product market business.	61	31	51%														
Worked with 7 TWGs (CS2, PPIU) to collect all information for preparing slide presentations from ACs, DAI, DACP, DIC and private sector to process of Cassava consultation forum at provincial level-arrangement in KPC.	17	10	59%														

Gender Action Plan	Progress to date				Issues and Challenges																			
	Worked with 8 TWGs (CS2, PPIU) to collect inputs for preparing annual budget plan and work plan for year's 2022 link to PPP sector as a part of CS2 under CFAVC project.	30	8	27%																				
	In sum total	108	49	45%																				
	<p>In September 2021, GFPs representing each provincial department (PDOAFF, PDOWRAM, PDORD) and ACs/WFNs were involved in meetings with the team at national level, incl. to update the progress activities of ACs, challenges, and prepare the planning link for the agribusiness value chain implemented by PPIU/PDAFF (GFP) with a total of 30 participants (21 females/63%).</p> <table border="1"> <thead> <tr> <th>Province</th> <th>Numbers of participants</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>Kampot</td> <td>8 (female 6 / 75%)</td> <td>Participate in the meeting to review the progress of ACs/WFNs, challenges and further directions.</td> </tr> <tr> <td>Takeo</td> <td></td> <td>No activities</td> </tr> <tr> <td>Tbong Khmum</td> <td>22(F 15 /68 %)</td> <td>Awareness dissemination to promote and encourage women ACs to participate in events for consultation, planning and raising the needs and challenges of women in ACs at Trea commune, Krouch Chhmar district,</td> </tr> <tr> <td>Kampong Charm</td> <td></td> <td>No activities</td> </tr> </tbody> </table>				Province	Numbers of participants	Activity	Kampot	8 (female 6 / 75%)	Participate in the meeting to review the progress of ACs/WFNs, challenges and further directions.	Takeo		No activities	Tbong Khmum	22(F 15 /68 %)	Awareness dissemination to promote and encourage women ACs to participate in events for consultation, planning and raising the needs and challenges of women in ACs at Trea commune, Krouch Chhmar district,	Kampong Charm		No activities					
Province	Numbers of participants	Activity																						
Kampot	8 (female 6 / 75%)	Participate in the meeting to review the progress of ACs/WFNs, challenges and further directions.																						
Takeo		No activities																						
Tbong Khmum	22(F 15 /68 %)	Awareness dissemination to promote and encourage women ACs to participate in events for consultation, planning and raising the needs and challenges of women in ACs at Trea commune, Krouch Chhmar district,																						
Kampong Charm		No activities																						
(ii) At least 50,000 females benefiting from rehabilitated climate resilient irrigation and water management systems	<p>The storages of selected AC for 2020 across started with construction work from 15 - 30 August 2021 in difference place to be completed by 30 December 2021. In September, a total of 45 workers (12 unskilled workers) with 12 females (4 from the company and 8 from villages) were hired, equal to 27%.</p> <table border="1"> <thead> <tr> <th>Province</th> <th>Total</th> <th>females</th> <th>% Unskilled</th> <th>worker from</th> <th>Females'</th> <th>workers</th> <th>Females'</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Province	Total	females	% Unskilled	worker from	Females'	workers	Females'									No data on irrigation yet			
Province	Total	females	% Unskilled	worker from	Females'	workers	Females'																	

Gender Action Plan	Progress to date								Issues and Challenges
		worker	unskilled workers	d females' workers	company (days)	worker from company (days)	from village	workers from village	
TK	11	3	27%	11	3	0	0		
KP	13	3	23%	1	0	12	3		
KC	11	3	27%	3	0	8	3		
TB	10	3	30%	4	1	6	2		
In sum total	45	12	27%	19	4	26	8		
<p>1.2.1 At least 25% of workdays created will be filled by women disaggregated by skilled/unskilled and type of work related to infrastructure construction/rehabilitation as well as operation and maintenance.</p>	<p>The construct storages of selected AC for 2020 across started construction by Huot Chhoeun Co.,Ltd.,the action plan(s) were designated as being accountable for specific objectives and activities for Gender and women participation. The contractor is responsible for ensuring that women participation is monitored to meet the contract requiring at least 25% of all workdays to be filled by women.</p> <p>All of GFP in the target province follow up the contractor and encourage women in villages commune to work with the construction of the 4 warehouses at ACs warehouse and training building construction with total of 1241 workdays were offered in September. Of these, skilled workers did 615 working days, 619 were done by unskilled workers, and females equated for 330 working days, which equals 27%, the worker from company were done 683 day and workers from villages 775 days. Thus, the target for unskilled female workers more than to the Project target of 25%.</p>								<p>The New construction was started in 01. August 2021 by contractor HOUT CHHOUENG CONSTRUCTION Co., Ltd. in Snor Village, Sangkat Rokar khnung, Daun keo city, Takeo Province.</p>
Province	workdays	skilled workers (days)	unskilled workers (days)	females unskilled workers (days)	% Unskilled females' workers	worker from company (days)	workers from village		



Gender Action Plan	Progress to date								Issues and Challenges
	TK	187	119	68	51	27%	187	0	
	KP	403	310	93	93	23%	62	341	
	KC	341	93	248	93	27%	93	248	
	TB	310	93	210	93	30%	124	186	
	In sum total	1241	615	619	330	27%	466	775	
	Tasks and activities performed by women and men: Men: Operating machines, general measurements, making of formwork, casting of concrete, steel bending, wiring, transporting of heavy work (incl. with use of machines). Women: Small and light work such as wiring, curing water, mixing cement, cleaning of sites and cooking. No "child labor" is hired by the contractor since the project start. 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.								
1.2.2 Provide skills enhancement for women in infrastructure related construction/rehabilitation (e.g., masonry skills for bio-digesters construction), and operation and maintenance (e.g., small-scale irrigation schemes)	CS2 component courses of TOT training on quality control construction techniques and extension methods of bio digester and bio-slurry for PDAFF & extension workers in Kampot with total 38 participants (10 females or 26%).								Bio digester program no started yet
1.2.2 At least 30% women FWUC members developed capacity to operate and maintain irrigation schemes. Target 4: On track	CS2 with GFPs establish 26 FWUCs and made full operation; and strengthening capacity building to FWUCs representatives in Trapaing Run and Prey Kduoch irrigation system in Kampot was completed in 8 steps or 80% completion in Tbong Khmum (Tuol Pring, Trapaing Tros, and Ta Kem) fully completed FUWUCs establishment in cooperation with the DFWUC, organized an event and handing over the stamps officially usage with total 41 participants (11 females or 27%).								The participants of FWUCs used the existing list so the target under 3 % of the target project set and female in the FWUC have many core work activities. FWUC establishment stow in progress due to slow in irrigation system rehabilitation

Gender Action Plan	Progress to date	Issues and Challenges						
<p>1.3.1 As part of the promotion campaigns about bio digesters 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: On track</p>	<p>In September 2021, CS2 component conducted:                      90 Keys farmers were follow-up on Rice seed demonstration (types: CAR16, Phka Mealdey, Phka and Romduol) with total 38 farmers (19 Female or 50 %) in 4 target provinces.                      10 keys farmers on cassava seed plots are processing in step planting were demonstration and follow-up with total 8 farmers (4 female or 40 %) in 2 target provinces (KCM&amp;TBK)                      In sum total, 90 keys farmers' Rice seed demonstrations and 10 cassava plots with a total of 46 farmers (23 female or 45%%).                      Organized 1 model farmers training and exchange visit in Kep province, focused on technical aspect of bio-slurry use and management and compost making and sharing the success experiences of growing vegetable on shelter in adaptation of climate change, compost making for model farmers in target provinces with total of 41 participants (8 females or 20%).                      CS2 and PPIUs conducted 6 times coaching with 90 groups of field coaching and mention on promotion and marketing in Tbong Khmum, Takeo, and Kampong Cham with total 951 farmers (369 female or 39%) on promoting bio digester and compost hut program.                      Gender Focal Points (GFPs) , CS2 and PPIU conducted training and study tour for exchange field visited on Bio-digester and Compose Huts and use of bio digester and compose Huts to ACs and WFN , meet every month (also for September 2021), for attending project meetings and follow up with ACs/WFNs and construction sites to oversee the project implementation and raising the demonstration experiments of model farmers, demonstrate a diversified farming system using short-term compost on vegetable crops, Bio-digester and compost Huts and monitor women's participation and record/report on gender issues with a total of 450 participants (184 females/41%).</p> <table border="1"> <thead> <tr> <th>Province</th> <th>Numbers of participants</th> <th>of Activity</th> </tr> </thead> <tbody> <tr> <td>Kampot</td> <td>38(F 9 / 24 %)</td> <td>On 24-27 August 2021, CS2 specialist cooperated PPIUs Project staff and GFP conducted 2 training on Bio-digester and Compose Huts to ACs and WFN at PDAFF with total 38 participants (9 females or 24%).</td> </tr> </tbody> </table>	Province	Numbers of participants	of Activity	Kampot	38(F 9 / 24 %)	On 24-27 August 2021, CS2 specialist cooperated PPIUs Project staff and GFP conducted 2 training on Bio-digester and Compose Huts to ACs and WFN at PDAFF with total 38 participants (9 females or 24%).	<p>The number of field work increased slightly but is still affected due to COVID-19.                      Training on plant issue culture development, bio fertilizer and bio pesticide production and quality testing delay (still in process of contacting with local resource provider).                      Construction of the Bio-digester is slow, the buyers are not confident.</p>
Province	Numbers of participants	of Activity						
Kampot	38(F 9 / 24 %)	On 24-27 August 2021, CS2 specialist cooperated PPIUs Project staff and GFP conducted 2 training on Bio-digester and Compose Huts to ACs and WFN at PDAFF with total 38 participants (9 females or 24%).						

Gender Action Plan	Progress to date	Issues and Challenges
	<p>15 (F 5 / 33 %) On 09-10 September 2021, GFPs conducted 2 selecting and checked farmers' locations for demonstration of mixed agriculture, Bio-digester and composting of environmental production of the project in Banteay Meas and Chumkiry district Kampot province.</p> <p>40(F9 / 23 %) On 10 September 2021 participate in the training of model farmers and study tour for exchange field visited on the use of bio digester and compose Huts, vegetable growing techniques, growing vegetables on the shelter and compost production method at Sangkum Mith Hotel, Kep Province</p> <p>40(F9 / 23 %) On 14-17 September 2021, participate in outreach workshop and reflect on the benefits of construction Bio digester and compost Huts at the Sangkum Mith Hotel, Kep province.</p> <p>In sum total 133 (F32/ 24%)</p> <p>Takeo 11 (F6 / 55 %) 2 times conducted introduction of vegetable growing techniques, demonstrated the effectiveness of compost and vegetables on the shelf and following up the growth of vegetables in mixed agriculture.</p> <p>8 (F5/ 63%) 2 times follow up the planting of vegetables on the shelter, 8 participants, 5 females.</p> <p>141 (F49/ 35%) Conducted 15 disseminations of Bio-digesters and compost Huts in the field and at the home of the farmers.</p>	

Gender Action Plan	Progress to date	Issues and Challenges
	<p>28 (F16/ 57%) 16 interested buyers, 12 interested in building Bio-digester and compose Huts.</p> <p>In sum total 188(F 76 /40%)</p> <p>Tbong 62 (F37/ 60 %)</p> <p>Khnum</p> <p>On September 2, 2021, conducted raise awareness and promoted the Bio-digester compose and Huts and gender mainstreaming integration in the agricultural sector with distributed a copy of the Bio-digester leaflet handed over to each village chief for further dissemination to the beneficiary in Damnak Beng , Po , Meas and Tuol Tonsong village, Ampil Tapok commune, Oreang district.</p> <p>Kampong 67 (F 39 / 58%)</p> <p>Charm</p> <p>Participated in training of farmers' schools on sustainable rice in Sambo Meanchey ACs /Chealair Akphivat ACs and Baray Andong Ang ACs, and follow up Cassava Seed Demonstration in Sambo Meanchey and Stung Trang Sen Chey Communities.</p>	
<p>1.3.1 At least 40,000 women (or 50% of total beneficiaries) are beneficiaries of bio digesters and compost huts installed (baseline: 5,721 women).</p>	<p>In September 2021, no bio digester and compost hut construction and installation activities started yet. In this case the total of 160 new clients across target provinces was identified for bio digester and 124 new eligible clients across target provinces identified compost hut construction and installation.</p> <p>CS2 component courses of TOT training on quality control construction techniques and extension methods of bio digester and bio-slurry for PDAFF &amp; extension workers in Kampot with total 38 participants (10 females or 26%).</p> <p>In September 2021, the GFPs in Takeo province conducted Training awareness on the benefits of Bio-digester and compost Huts to model farmers and agency with total 14 participants (4 female or 29%).</p>	<p>Followed up the bid reviewing and evaluation report submitted to ADB.</p> <p>The progress of bio digester and compost hut program tender and procurement process still pending and need time to review bidding evaluation report before submitting to ADB for NOL</p> <p>COVID-19 spread out in the target commune. 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.</p> <p>Vegetable growing techniques on the shelves limited with a low market price.</p> <p>Slow construction, customers are not confident.</p>

Gender Action Plan	Progress to date	Issues and Challenges						
<p>1.3.2 Number and percentage of women active agents in the promotion of campaigns on the use of renewable energy solutions.                      Target 6: Target not met yet</p>	<p>CS2 and PPIU with GFPs conducted:                      Dissemination/reflection workshops on benefits bio digester, bio-slurry and identifying new potentials farmers who are eligible for bio digester and compost hut program and marketing of the bio-digester and bio-slurry activities organized in Svay Rieng province with total 39 participations (6 female or 15%)                      10 courses of training to extension officers/workers for bio digester and bio-slurry in Tbong Khmun are 3 courses, Takeo are 4 courses and Kampot are 3 courses on extension methodology with total 114 participants (33 female or 30%).                      7 courses of small group or village meeting to identifying interest clients in Kampong Cham, Tbong Khmum and Kampot with 149 participants (73 females or 49%). In sum total 302 participants (112 female or 37 %).</p>	<p>CS03 contract not yet signed</p>						
<p><b>Output 2: Climate smart agriculture and agribusiness promoted</b></p>								
<p>2.1.1 Number and % of women farmers involved in selection and multiplication of climate resilient crops varieties and building on their local knowledge in this area.                      Target 7: Target not met yet</p>	<p>119 females or 65% out of 184 participants were introduced to the crop care techniques. Model farming and mixed farming systems demonstrated the effectiveness of vegetable composting and selection of multiplication crops with adaptation to the climate, roofing of vegetables, covering crops and continuing growing and expanding vegetables planting for implementation in the community.</p> <table border="0"> <tr> <td style="padding-right: 20px;">Province</td> <td style="padding-right: 20px;">Numbers of participants</td> <td>Activity</td> </tr> <tr> <td>Kampot</td> <td></td> <td>No activities implemented</td> </tr> </table>	Province	Numbers of participants	Activity	Kampot		No activities implemented	<p>Women stated they were busy with their house work and kids.                      Vegetable growing techniques on the shelf are still limited and offers low market prices.                      COVID-19 spread out in the target commune.</p>
Province	Numbers of participants	Activity						
Kampot		No activities implemented						

Gender Action Plan	Progress to date	Issues and Challenges
	<p>Takeo 22 (F18/82 %) 1 model farmer demonstrate mixed farming systems and demonstrates the effect of vegetable compost Huts on the shelf with selected climate resistant vegetable varieties, vegetable roofing and Climate Resistant Crop Coverings, harvested and income and Continuing Planting</p> <p>86 (F 64/74 %) 16 selected fields show the production of 16 Romduol varieties for demonstration to the participants</p> <p>26 (F 20 /77 %) Tagged the field show, In sum total introduced the techniques of purification, cutting, mixing, 134 (F 102 or weeding to the farmers. 76 %)</p> <p>Tbong Khmum 2 Training on SRP farmers' demonstration school on sustainable rice production SRP in</p> <p>30(F 5 /17 %) Kork Srok village, Kork Srok commune, Tambor district.</p> <p>20 (F 12/ 60 %) Trapeang Sra Nge village, Kork Srok commune, Tambor district. In sum total</p> <p>50(F 17or 34%)</p> <p>Kampong Charm No activities</p>	
<p>For 2.1.2 (1): Women are 40% of total participants (aggregate basis) or at least 16,000 women farmers are trained in CSA and agribusiness development skills and agricultural extension and technical capacity-building activities including those related to climate change adaptation and mitigation</p>		

Gender Action Plan	Progress to date	Issues and Challenges
<p>Target 8:                      For 2.1.2 (3): Women are 40% of total participants (aggregate basis) or at least 16,000 women farmers are trained on management (including leadership, negotiation) and business skills trainings.</p>		
<p>Target 9:                      For 2.1.2 (2): (i) Number and percentage of women farmers trained in each event (trainings on how to operate and maintain a range of agricultural machinery.</p>	<p>On 06 to 10 September 2021, CS2 component conducted TOT on O&amp;M Agricultural Machinery with total 9 (1 female or 11 %), and TOT on ACs Marketing Principles with total 10 (4 female or 4 %). In sum total 31 participants (6 female or 19 %) is in the 3 TOTs of the 4 target provinces at the provincial level.</p>	<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>
<p>Target 10: On track</p> <p>For 2.1.2 (2): (ii) women represent 40% of increased labor pool of individuals who can operate agricultural machinery over the baseline (baseline: 0).</p>		
<p>Target 11:                      2.1.3 (i) Number and type of activities conducted to strengthen linkages between women-led and/or owned farms/enterprises* and agribusiness industry                      *For support provided to cooperatives: preferential support will be given to agricultural cooperatives with a majority of female members.</p>		
<p>Target 12: On track</p> <p>2.1.3 (ii) at least 8,000 women farmers (or 50% of total women farmers trained) are SRP compliant with direct links to millers and exporters</p>	<p>Target 13: On track</p> <p>In September 2021, CS2 component and PPIU conducted Training on SRP to farmers as following:                      120 farmers trained on SRP compliant in Takeo province with total 79 females or 66%                      120 farmers trained on SRP compliant in Kampot province (74 females or 62%). In sum total 240 farmers (153 females or 64%)                      In September 2021, GFP in:</p>	<p>The TOT training has been delayed due to COVID-19 in the communities and Less than 10 persons allowed to join in the meeting, training and others activities.</p>

Gender Action Plan	Progress to date	Issues and Challenges
	<p>Tbong Khmum conducted 2 training to famers at field school demonstration on SRP sustainable rice production to the green ACs at Kork Srok village, Kork Srok commune, Tambor district with total 30 participants (5 females or 17%) and training on SRP rice production in Trapeang Sra Nge village, Kork Srok commune, Tambor district with total 20 farmers (12 females or 60%). In total 50 participants (17 female or 34%)</p> <p>Takeo province conducted 6 training on SRP to farmers with total 180 farmers (118 female or 66%).</p> <p>In sum total 230 farmers (135 Females or 59%).</p>	
<p>2.1.4 Practical solutions identified and integrated in the project to address burden of household and care work for women farmers, especially female headed households, which prevents them to increasingly participate and move up along the value chains.</p> <p>Action 3:</p>		<p>2.1.4 Is gaining increasing momentum from high-ranking officials at both capital as well as provincial levels, pushing the agenda forward.</p> <p>The progress of policies study and formulation is pending due to slow progress in TOR reviewing and comments back from the ADB.</p>
<p>2.2.1. 25% at national level and 20% at local levels women participants (aggregate basis) in capacity building with regard to climate-friendly agribusiness value chains – women staff should be prioritized for training</p> <p>Target 14: Ongoing</p>	<p>In July 2021, CS2 components conducted TOT training to PPIU staff with different topics as the following:</p> <p>8 TOT training on SRP to 16 PPIU staff of target province.</p> <p>4 TOT training on Farm Machinery to 28 PPIU staff of target province</p> <p>6 TOT training on CamGAP to 12 PPIU staff of target province</p> <p>4 TOT training on Business Skills Development to 40 PPIU staff.</p> <p>In sum total 96 staff's participants (24 female or 25%) is in the 4 TOTs of the 4 target provinces at the provincial level.</p> <p>CS2 component conducted TOT on ACs Leadership and Management with total 12 (1 female or 8 %) at the provincial level.</p>	<p>Female participants in the TOT less than target set due to using the existing list.</p>
<p><b>Output 3: Enabling environment for climate friendly agribusiness enhanced</b></p>		
<p>3.1.1 Report prepared with clear recommendations based on detailed gender analysis of the 4 value chains.</p> <p>Target 15: Ongoing</p>	<p>In progress, established by:</p> <p>Monthly GAP monitoring reports from the field (starting March 2021, every month).</p> <p>Bi-annual, quarter, Gender specific report, based on meetings and consultations with GFPs, IGS/NGS, specialists, other Ministerial anchors and beneficiaries, in particular ACs and WFNs.</p> <p>In September 16-17, 2021, NGS joint mission for public consultation meeting with safe guard , Environment and social development and gender and commune council, villagers and PIU for Taock irrigation</p>	<p>To be implemented throughout 2021 onwards</p>



Gender Action Plan	Progress to date	Issues and Challenges
	<p>subproject at Srae Knong commune, Kampot with total 24 participants ( 9 female or 37.50% ) from 4 villages Prey Khmaom , Prey Yay, Doung, and Tdolk Youl villages ,Srey Knong commune Chum Kiry district, Kampot province.</p> <p>On 20 September 2021, NGS, CS1 team (safe guard , Environment and social development and gender) joint contractor kick-off meeting for storages support selected AC for 2020 with total 9 participants ( 2 female or 22% ).</p>	
<p>3.1.2 Key recommendations from gender analysis of 4 targeted value chains integrated in the Agribusiness Policy                      Action 4: Ongoing</p>	<p>Strategic Development plan, MAFF, 2019-2023 and the Gender Mainstreaming Policy and Strategic Framework in Agriculture, 2016-2020 MAFF and Review of the Agriculture, Forestry and Fisheries Report 2020 and implementation direction for 2021, are to be updated to reflect latest knowledge, activities and output of the Gender related work in the CFAVC, including relevant best practices and recommendations.</p> <p>New GAP recommendation has further been discussed with ADB Manila and ADB Cambodia, as well as DTL and translation in Khmer language.</p>	<p>The work has started in February 2021, with the kind assistance and decision-making from Her Excellency Mrs. Hor Malin (MAFF) and Her Excellency Mrs. Chan Phaloeun (MAFF), tentatively to finish in August 2021, pending COVID-19 issues. The work is planned to be followed up in September 2021.</p> <p>Waiting for ADB reply comment and approval for GAP implementation at all relevant.</p>
<p>3.1.3. Number of sessions provided on gender equality in climate-friendly agribusiness value chains; target groups; number of people trained disaggregated by sex.                      - Integrate a session on gender equality in climate-friendly agribusiness value chains (based on gender analysis report mentioned above) into the training and awareness raising activities for relevant project stakeholders (i.e., relevant departments in MAFF, agricultural extension agents, local leaders and government officials, GCPSU and Gender Focal Points, and WFN). Target 16: Ongoing</p>	<p>The IGS/ NGS with the PIC/PMU prepares:                      The proposal for the Gender pilot trainings due to the Covid-19 disruption, using remote and online tools, for Gender Mainstreaming and Child Protection and development in agriculture at local level with:</p> <ol style="list-style-type: none"> <li>1. List of ACs to be pilot tested.</li> <li>2. Tentative schedule for a 1-day training.</li> <li>3. Materials needed for the pilot tests and</li> <li>4. Budget and cost estimate for tests.</li> </ol> <p>Gender questionnaire Training Needs Assessments (TNA) checklist for GFPs and PPIU staff, ACs /WFN beneficiaries and construction follow up with translation from English to Khmer.                      Draft guidelines for the Gender Action Plan (GAP) Implementation (A Gender Responsive Approach to Climate- Smart Agriculture).                      Draft Gender Training Handout                      Draft Gender Training Manual</p>	<p>The proposed workplan and budget have been sent to the TL for submission to ADB for review and approval. Waiting for budgets implementations at community level.</p>
<p>3.1.4 MAFF GCPSU, the sub-national Gender Focal Points (Province, District, Commune), the AC and the WFN are well aware of the GAP activities by actively involve them as key partners in</p>	<p>GFPs/ ACs/ WFNs in the 4 target provinces are well aware about Gender related to GAP and the actively involved in trainings for Gender Mainstreaming, Child Protection and development of the Gender Responsive Approach to Climate- Smart Agriculture. Further</p>	<p>GFPs from all provinces are complaining about increased workloads, lack of skills, knowledge and abilities for implementing the work and raise issues with time constraints.</p>

Gender Action Plan	Progress to date	Issues and Challenges
project implementation and monitoring, especially for the GAP activities. Action 5: Ongoing	to this, the GFPs must have increased skill knowledge and attitude on the common GAP communications strategy. On September 3, 2021, PPIU staff and GFP conducted raising awareness disseminated on gender mainstreaming and child protection to farmers in Trea commune, Krouch Chhmar district with a total 22 participants (15 females or 68%).	Many also state that locations to visit are too far away from Provincial centers, and lack adequate transportation.
3.2.1. (i) Number and type of activities conducted on raising 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 Target 17: Not yet implemented, only just launched	CS 2 (NK-5 – Green Financing Specialist) appointed, and is awaiting approval from the PRC (MAFF) on 20th February 2021	
3.2.1 (ii) types of communication channels and materials used to raise awareness about existing credit facilities, green financing including crop insurance and required formalities to access to these Action 6: Not yet implemented		Nothing to report
3.2.1 (iii) 15 female staff in financial institutions trained in CSA lending and green finance (or 30% of total staff trained are women) Target 18: Not yet implemented		Nothing to report
3.2.1 (iv) 10 or 30% of total privately-owned enterprises trained) women-led and/or owned enterprises trained on green finance and CSA Target 19: Not yet implemented		Nothing to report
3.2.1 (iii) 20,000 women provided with information on climate risk sharing instruments Target 20: Not yet implemented		Nothing to report
Project management gender related activities		

Gender Action Plan	Progress to date	Issues and Challenges
PMU to appoint safeguards officer to be also responsible and accountable for gender, who will closely liaise with representatives from the MAFF GCPSU at national level and from WFN, Agricultural Cooperatives and gender focal points at provincial levels. Action 7: Ongoing	A PMU Safeguard officer responsible for Gender is appointed who liaise with GFPs and other relevant staff in the provinces	
Prepare annual work plans to implement the activities of the GAP. Action 8: Ongoing	NGS/IGS have made workplan for 2021 GAP and this plan is listed in the Annual Report 2020, as table 1.	
Gender consultants (national and international) to be recruited and build capacity of the GCPSU and gender focal points and PMU staff in gender analysis and mainstreaming, and support GAP implementation, monitoring and reporting. Action 9: Ongoing	Ongoing, the NGS and IGS are mobilized, both present in Cambodia. Several activities to be implemented in 2021 onwards; Monthly, Bi-annual and annual reports, Support to newly established M/E unit (from March 2021), Gender and Value Chain analysis study/survey. Concept note final by the gender team and discussed with PIC/PMU. Concept note will form basis for ToR. Consultations, trainings, stakeholder meetings etc., Comprehensive Communications strategy to be built, and implemented in all four targets provinces, Ensuring Gender Mainstreaming policy frameworks reflect work from the project including consultations with key Governmental anchors, decision-makers etc. Prepare annually work plans and budget plan to implement the GAP activities, Build capacity of the gender focal points, the PMU and provincial implementing unit staff as well as the MAFF GCPSU, in gender analysis and mainstreaming, and support GAP implementation, monitoring and reporting Invite and encourage GFPs at province-level from MAFF, MOWRAM, MRD to attend training /workshops for capacity building and training of trainers;	Due to COVID pandemic meeting / training will work online or zoom to make sure that all GFP be able and confident with their work and GAP set.
Collect and analyze data disaggregated by sex where relevant and integrate gender sensitive indicators (from DMF and GAP) in the PPMS. Action 10: Ongoing	DMF and PPMS to be improved with new M/E system, data collection, including forms used. A separate meeting with the new M&E team in CFAVCS took place in May in order to start to establish M&E modalities with specific focus on Gender. Follow-up meetings with M&E took place in June and July. This is work in progress and will continue in the coming months until a satisfactory level at central level	

Gender Action Plan	Progress to date	Issues and Challenges
	is met, after which further trainings/upgrades can take place at provincial level with GFPs.	
Ensure regular monitoring and reporting (at least semi-annually to ADB) on the progress of GAP implementation.  Action 11:	Establish monthly GAP reports Collect data and summary the target and activities that GFPs implement, from all 4-target province. Follow and support GFPs to implement the modalities of the GAP	

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. Drought makes it difficult to implement rice shows (Tram Kak and Bati districts Takeo province)

Annex 10. Compliance with Loan and Grant Covenants per January – December 2021

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
<b>Sector</b>							
		Loan 3661	Schedule 4	4	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	
<b>Financial</b>							
		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	The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being Complied with	Inception mission verified office equipment and goods delivered to EA/IAs

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
3		Loan 8346	Schedule 4	4	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	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	Second Financial Audit for the year 2020 was conducted in March 2021. Report has been submitted to ADB in June 2021.
		Loan 8346	Schedule 4	4	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	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	The Borrower shall cause the Project Executing Agency to (i) maintain separate accounts and records for the Project; (ii) prepare annual financial statements for the Project in accordance with financial reporting standards acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with auditing standards acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report, which includes the auditors' opinion(s) on the financial statements and the use of the Loan proceeds and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 6 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such other information concerning these documents and the audit thereof as ADB shall from time to time reasonably request.	Being Complied with	Being complied. Separate accounts established. 1st annual audited project financial statement reports for FY 2018 submitted in June 2020.

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
7		Loan 8346	Schedule 4	5	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	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	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	
10		Loan 8346	Schedule 4	5	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.	Comply	Being complied.

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
11		Loan 8346	Schedule 4	5	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.	Comply	Agreed
12		Loan 8346	Schedule 4	5	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	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.	Comply	Agreed.
14		Loan 8346	Schedule 4	5	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.	Comply	Being complied.
15		Loan 8346	Schedule 4	5	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.	Comply	Agreed.
16		Loan 8346	Schedule 4	5	The Borrower shall promptly inform ADB of any condition which interferes with, or threatens to interfere with, the progress of the Project, the performance of their respective obligations under the Loan Agreement, the accomplishment of the purposes of the Loan, or the maintenance of the service thereof; and the Borrower shall promptly inform ADB in advance of any proposed changes in the ownership or	Being Complied	Issues on ponds were raised and discussed in the PSC conducted on 28 Jan2020. Minutes of meeting



No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					control of the Borrower or its assets, or any transaction or arrangement which will have or is likely to have such effect.		will be forwarded to the Minister of MAFF for further actions. Still no decision.
17		Loan 8346	Schedule 4	5	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	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	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 2021 (draft) submitted to the ADB for their re-review.
20		Loan 8346	Schedule 4	5	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.

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
21		Loan 8346	Schedule 4	5	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	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	1st annual audited project financial statement reports for FY 2018 issued in June 2020
23		Loan 8346	Schedule 4	5	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. The Recipient shall bear the reasonable cost of such audit, if the audit finds that the Grant proceeds have not been used according to this Grant Agreement.	Being Complied	Agreed.

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
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	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	1st annual audited project financial statement reports for FY 2018 deferred for submission in June 2020.
29		Grant 0579	Schedule 4	2	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. 1st annual audited project financial statements report for FY 2018 submitted in June 2020.
30		Grant 0579	Schedule 4	2	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	Being Complied	1st annual audited project financial statements report for 1 Oct 2018 to 31 Dec 2019 submitted in Jun 2020.

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					conducted only in the presence of an authorized officer of the Recipient, unless the Recipient shall otherwise agree.		
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.
<b>Safeguards</b>							
33	Safeguards	Loan A661	Schedule 5	2	Environment. The Borrower shall ensure that the preparation, design, construction, implementation, operation and decommissioning of the Project, each Subproject and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; (c) the EARF; and (d) all measures and requirements set forth in the respective IEE, EMP, and any corrective or preventative actions set forth in a Safeguard Monitoring Report. The Borrower shall ensure that no Subproject categorized as Category A under the SPS is financed under the Project.	being complied	
34		Loan 3661	Schedule 5	3	Land Acquisition and Involuntary Resettlement. The Borrower shall ensure that all land and all 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	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

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					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.		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 requirements set forth in the respective IPP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report. The Borrower shall ensure that no Subproject categorized as Category A under the SPS is financed Project.	Being complied with	There are no category A subprojects included in the project.

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
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 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	To be complied with	Was issued in September 2020

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					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 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	First gender orientation meeting was conducted in July 2020
Governance and anti-corruption							

No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
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	
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.	



No	Covenant	Loan Agreement Reference				Compliance Status (As per 30.06.2020)	Remarks/Issues
		Product	Schedule	Para No.	Description		
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	
	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 11. Financial Management Plan per January – December 2021

<b>Weakness</b>	<b>Mitigation Action</b>	<b>Responsibility</b>	<b>Timeframe</b>	<b>Status per Jan. – Dec. 2021</b>
Coordination among PMU of MAFF as EA and IAs: PDAFF, PDWRAM, PDRD, and others	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
Limited capacity of the project staff at the PMU/PPIU on budget execution, accounting, reporting and auditing.	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.	Done  Ongoing twice per year, refresher training  Ongoing twice per year, refresher training.
Safeguard of vehicles, motorcycles, equipment for workshops, laboratory, and solar power	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.	Done Done
Most proposed IAs/PPIUs do not have accounting system to record financial transactions and prepare the required financial reports.	The accounting system shall be set up and training will be provided for the project accountants at PPIUs/IAs	PMU/PIC	3 months from the mobilization of the PIC.	Done

Weakness	Mitigation Action	Responsibility	Timeframe	Status per Jan. – Dec. 2021
Limited capacity in internal audit. Quality of both internal and external audit reports remains a concern.	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.	MEF recruits external auditor on annual basis MEF conducts Audit training to the project staffs on Annual basis
Delays and incomplete submission of the unaudited annual project financial statements	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 intuition to further improve quality.	MEF/ADB	By the 9th month from the project effectiveness.	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 12. Safeguards Tracking Indicators January – December 2021

Indicator	Assessment question	Response	Rating
<b>A. Contract Awards</b>			
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>B. Project Execution: Instruments</b>			
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 before all compensations are fully paid as confirmed by corresponding reporting. *	For any project outputs/components, are there any civil works sites with involuntary resettlement impacts where access is granted to contractor(s) and economic and/or physical displacement occurs before compensations	1. No, all compensations/entitlements have been fully paid prior to displacement 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.	On track

Indicator	Assessment question	Response	Rating
*report definition as per OD	are fully paid to affected persons and other applicable assistance delivered in line with approved RP(s)?		
<b>C. Project Execution: Project Grievances</b>			
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
<b>D. Project Execution: Project Safeguards Non-Compliance</b>			
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
<b>E. Project Execution: Monitoring</b>			
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 13. Disbursement three IAs separately - Utilization of Funds per January – December 2021

*Annex 13.1 PMU: MAFF*

Expenditure	Disbursement during the Reporting Period (\$)						Cumulative Disbursement (\$)						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	46,896		-			46,896	46,896		2,985	-		49,881	0.2%
Goods (Equipment & Supplies)	-		-			-	831,282		-	-		831,282	37.0%
Capacity Development (Training, Workshops, Seminars)	-		161,131			161,131	-		477,798	-		477,798	2.0%
Consulting Services	297,828		-			297,828	2,857,268		-	-		2,857,268	33.9%
Incremental Operating Costs (Project Management)	70,146		-	25,913		96,059	533,912		-	246,054		779,966	110.1%
<b>Subtotal</b>	<b>414,870</b>	<b>-</b>	<b>161,131</b>	<b>25,913</b>		<b>601,914</b>	<b>4,269,358</b>	<b>-</b>	<b>480,783</b>	<b>246,054</b>		<b>4,996,196</b>	<b>8.9%</b>
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR						-						-	
<b>GRAND TOTAL</b>	<b>414,870</b>	<b>-</b>	<b>161,131</b>	<b>25,913</b>		<b>601,914</b>	<b>4,269,358</b>	<b>-</b>	<b>480,783</b>	<b>246,054</b>		<b>4,996,196</b>	<b>8.9%</b>

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

*Annex 13.1 MOWRAM*

Expenditure	Disbursement during the Reporting Period (\$)						Cumulative Disbursement (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
<b>Category</b>													
Civil Works	383,321	78,328	64,759			<b>526,409</b>	435,951	87,031	71,955	-		<b>594,937</b>	1.4%
Goods (Equipment & Supplies)						-						-	
Capacity Development (Training, Workshops, Seminars)			1,336			<b>1,336</b>			41,061			<b>41,061</b>	13.4%
Consulting Services						-						-	
Incremental Operating Costs (Project Management)	8,586					<b>8,586</b>	39,824			109,890		<b>149,714</b>	29.8%
<b>Subtotal</b>	<b>391,907</b>	<b>78,328</b>	<b>66,095</b>	<b>-</b>		<b>536,331</b>	<b>475,775</b>	<b>87,031</b>	<b>113,016</b>	<b>109,890</b>		<b>785,712</b>	<b>1.8%</b>
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR						-						-	
						-						-	
<b>GRAND TOTAL</b>	<b>391,907</b>	<b>78,328</b>	<b>66,095</b>	<b>-</b>		<b>536,331</b>	<b>475,775</b>	<b>87,031</b>	<b>113,016</b>	<b>109,890</b>		<b>785,712</b>	

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

*Annex 13.1 MRD*

Expenditure	Disbursement during October-December 2021 (\$)						Cumulative Disbursement per 31 December 2021 (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
<b>Category</b>													
Civil Works						-						-	
Goods (Equipment & Supplies)						-						-	
Capacity Development (Training, Workshops, Seminars)						-						-	
Consulting Services						-						-	
Incremental Operating Costs (Project Management)	9,616			5,960		<b>15,576</b>	74,258			45,210		<b>119,468</b>	0.3%
<b>Subtotal</b>	<b>9,616</b>	<b>-</b>	<b>-</b>	<b>5,960</b>		<b>15,576</b>	<b>74,258</b>	<b>-</b>	<b>-</b>	<b>45,210</b>		<b>119,468</b>	<b>0.3%</b>
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR						-						-	
						-						-	
<b>GRAND TOTAL</b>	<b>9,616</b>	<b>-</b>	<b>-</b>	<b>5,960</b>		<b>15,576</b>	<b>74,258</b>	<b>-</b>	<b>-</b>	<b>45,210</b>		<b>119,468</b>	<b>0.3%</b>

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