

GREEN  
CLIMATE  
FUND

MAFF

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## 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 Implementation Consultants**

**FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH**

**Prepared by  
Project Management Unit (PMU) of MAFF**

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## ACRONYMS AND ABBREVIATIONS

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

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



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

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Reporting Period	January – March 2023	Date of Submission: _____ May 2023
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## EXECUTIVE SUMMARY

- This is the first Quarterly report of the year 2023 of the Climate Friendly Agribusiness Value Chain Sector (CFAVC) Project, covering the period from January – March 2023. The most important developments during this reporting are:
  - After on 14 October 2022 H.E. Dith Tina was installed as the new Minister of MAFF, the MAFF secretary of State H.E. Chheng Kim Sun was appointed to oversee all loan-funded projects in MAFF.
  - On 06 February 2023 the CFAVC Project Manager Mr. Ngin Kosal passed away. On 10 February 2023 Mr Oum Savy was installed as replacement.
  - The AWP2023 is still under review by the Department of MAFF.
  - During this reporting report the contract for the CS04 consultancy was approved and the team is expected to mobilize soon.
  - On February 6 2023 the ADB approved the replacements of a total of 8 CS01 experts together with a minor budget-neutral reallocation to extend some crucial positions for which PM had run out. With these approvals the 3 DTLs positions of CS01 team, which had been vacant since mid/late 2022, could all be filled up again.
  - Due to the delays in the TP recruitment for independent third party verifications of land donations for category C projects of Output 1 by MOWRAM has the ADB extended the contract with the expert they recruited for this task up to August 2023.
  - In this reporting period the Annual Audit over the 2022 expenditures was implemented with the results expected to be disclosed on 30 June 2023.
  - In this reporting period the draft 2022 GCF Annual report was drafted by the PMU as show in Annex 16.
  - In this reporting period there were no PSC meetings or ADB review missions conducted.

## I. INTRODUCTION AND BASIC DATA

### *I.1. Basic Project Information*

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

Table I.1: Project Information

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

	General Directorate of Agriculture (GDA) General Department Directorate of Technical Affairs of MOWRAM General Directorate of Technical Affairs of MRD
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3. The CFAVC project is funded by the Asian Development Bank under loan No. 3661-CAM (COL) and the Green Climate Fund (GCF) under loan 8346-CAM (EF) and grant number No. 0579-CAM (EF) while the Royal Government of Cambodia (RGC) and the beneficiaries also contribute.

***1.2. Estimated Project Cost and Financing Plan***

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

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

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

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

***1.3. Project Approval, Effective and Closing Dates***

6. The project approval date, LOA sign date, project effective date and closing date are presented

in table I.3.

7. Late 2021 the ADB and MEF agreed to extend the CFAVC project implementation period by at least 18 months to overcome the delays in implementation caused primarily by COVID-19.

Table I.3: Project implementation arrangement

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

#### ***I.4. ADB review missions.***

8. The Inception mission of the CFAVC project was conducted late January 2020 including a 2-day workshop for all project parties.
9. In November 2021 a first (virtual) ADB review mission was conducted after the outbreak of the Covid-19 pandemic. Paragraph IV.4 provides more details about the progress with the implementation of the Agreed Action Plan of this mission.

## **II. UTILISATION OF FUNDS DURING QUARTER 1 2023 (JANAURY – MARCH)**

### ***II.1. Total Contracting***

10. Total ADB contracting as per 31 March 2022 was US\$ 40,720,193 which is 31.32 % of the total loan and grant project allocation. For more details, reference is made to Table II.1.

Table II.1: Total Contracting CFAVC

Category		Fund Source	Total Allocation (US)	Contracted (US\$)	% Contracted
01		GCF-L	9,963,900	2,478,726	
01A	Works Irrigation and Roads	ADB	60,5537,190	14,987,465	24.88
0301		GCF-G	8,295,660	2,049,341	
01B	Works Warehouses and Laboratory	ADB	5,762,800	6,190,923	107.4
01C		ADB	1,330,600	0	0
0302	Works Other Infrastructure	GCF-G	114,050	24,687	21.6
0303	Works Bio-digesters & Compost Hits	CCG-G	2,854,150	0	0
02A	Equipment, Materials, Goods & Project Implementation Services.	ADB	16,757,700	10,954.639	65.3
1501		GCF-G	10,785,430	1,684,111	15.6
2401	Training, Workshop & Demonstration	GCF-G	7,458,780	1,266,632	17.0
02B	Service Charge	GCF-L	36,100	0	0
03		ADB	4,187,100	1,071,665	25.5
2701	Incremental Operating Costs	GCG-G	493,930	0	0
04	Interest Charge	ADB	1,424,610	0	0
99	Advance Account MEF	ADB	1,548,000	0	0
TOTAL			130,000,000	40,720,193	31.32



## II.2. AWP 2023

11. The draft 2023 AWPB for the CFACF amounts to US\$ 42,732.079 with details shown in Table II.2, while Table II.3 shows the distribution of the funds over the various loans/grants. The vast majority of these allocations are not new but carry-over from previous years. The MAFF Department is still reviewing this AWP.

Table II.2: AWP 2023 per EA

Executing Agency	Cost ('000USD)				
	Q1	Q2	Q3	Q4	Total
MAFF	3,740.31	7,570.00	6,741.14	5,642.97	23,694.42
MOWRAM	126.54	978.43	2,739.44	5,870.59	9,715.00
MRD	1,776.88	2,094.61	2,461.29	2,989.87	9,322.65
<b>TOTAL</b>	<b>5,643.72</b>	<b>10,643.05</b>	<b>11,941.87</b>	<b>14,503.43</b>	<b>42,732.07</b>

Table II.3: AWP 2023 per Loan/grant

Source of Funds	Q1	Q2	Q3	Q4	Total
ADB	3,425.21	6,377.90	7,648.32	9,868.11	27,319.54
GCF Loan	227.70	362.46	549.90	1,023.56	2,163.61
GCF Grant	1,795.96	3,540.29	3,414.71	3,333.67	12,084.63
RGC	116.63	204.11	187.98	160.09	668.81
Beneficiaries	78.22	158.30	140.97	118.00	495.49
<b>TOTAL</b>	<b>5,643.72</b>	<b>10,643.05</b>	<b>11,941.87</b>	<b>14,503.43</b>	<b>42,732.07</b>

12. The total allocation of AWP 2023 for Output 1 is US\$ 30,786,920, for Output 2 US\$ 5,581,980 and for output 3 US\$ 2,282,400 as shown in table II.3

Table II.4: AWP 2023 per Output

Out-Put	MAFF	MOWRAM	MRD	TOTAL
<b>Output 1</b>				
1.1 Rehabilitating water management infrastructure to climate resilient condition	<b>169.00</b>	<b>9,450.33</b>	-	<b>9,619,330</b>
1.2 Upgrading agricultural cooperative value chain infrastructure	<b>7,735.14</b>	-	-	<b>7,735,140</b>
1.3 Improving connectivity to cooperatives and markets with climate resilient roads	-	-	<b>9,144.99</b>	<b>9,144,990</b>
1.4 Strengthening infrastructure for agricultural quality and safety testing	<b>441.41</b>	-	-	<b>441,410</b>
1.5 Promoting renewable energy for value chain improvement	<b>3,846.05</b>	-	-	<b>3,846,050</b>
<b>Subtotal Output 1</b>	<b>12,191.60</b>	<b>9,450.33</b>	<b>9,144.99</b>	<b>30,786,920</b>
<b>Output 2</b>				
2.1 Deploying climate resilient varieties	<b>934.659</b>	-	-	<b>934,659</b>
2.2 Strengthening capacity in climate friendly production practices technologies	<b>1,686.42</b>	<b>95.77</b>	-	<b>1,782,190</b>
2.3 Promoting farm mechanization and extension	<b>2,865.127</b>	-	-	<b>2,865,130</b>
<b>Subtotal Output 2</b>	<b>5,486.21</b>	<b>95.77</b>	-	<b>5,581,980</b>
<b>Output 3</b>				
3.1 Formulating climate friendly agribusiness policies and standards	<b>431.10</b>	-	-	<b>431,100</b>

3.2 Promoting green finance and risk sharing mechanisms	1,085.30	-	-	1,085,300
3.3 Supporting climate risk management through information and communication technologies (ICT)	766.00	-	-	766,000
<b>Subtotal Output 3</b>	<b>2,282.40</b>	-	-	<b>2,282,400</b>
<b>Total</b>	<b>19,960.21</b>	<b>9,546.10</b>	<b>9,144.99</b>	<b>38,651,300</b>
Project Management				
MAFF	3,734.22	-	-	3,734,220
MOWRAM	-	168.90	-	168,900
MRD	-	-	177.66	177,660
<b>GAND Total</b>	<b>23,694.42</b>	<b>9,715.00</b>	<b>9,322.65</b>	<b>42,732,070</b>

### II.3. Updated Disbursement Status

13. Tables II.5 and II.6 show the updated Disbursement status as per 31 March 2023 while Annex 12 shows the disbursement for the 3 involved IAs individually. The total amount disbursed has reached 11.9 % of the total project amount of \$ 130,000,000.

Table II.5: Disbursement per Fund Source at 31 March 2023

SOURCE	Budget (Allocation)	2023 Annual Budget	Year to date Expenditures 31/Mar/23	Cumulative to date Expenditures 31/Mar/23	Overall Expenditures Rate %	
					2022	Overall
ADB loan	90,000,000	27,994,150	2,400,631	13,677,142	8.6%	15.2%
GCF loan	10,000,000	2,163,610	208,894	494,057	9.7%	4.9%
GCF Grant	30,000,000	12,132,630	207,668	1,989,756	1.7%	6.6%
RGC	7,376,000	668,810	50,010	664,179	7.5%	9.0%
Beneficiaries	3,664,000	495,490	-	-	0.0%	0.0%
<b>TOTAL</b>	<b>141,040,000</b>	<b>43,454,690</b>	<b>2,867,202</b>	<b>16,825,134</b>	<b>6.6%</b>	<b>11.9%</b>

Table II.6: Details Disbursement per Department

EAs/ IAs	Budget (Allocation)	2023 Annual Budget	Year to date Expenditures 31/Mar/2023	Cumulative to date Expenditures 31/Mar/2023	Overall Expenditures Rate %	
					2023	Overall
PMU-MAFF	57,149,457	24,417,040	1,112,484	12,199,402	4.6%	21.3%
MOWRAM	44,235,807	9,715,000	61,539	2,732,740	0.6%	6.2%
MRD	37,349,607	9,322,650	1,693,179	1,892,991	18.2%	5.1%
Unassigned (Interest Charges)	2,305,129	-	-	-	0.0%	0.0%
<b>TOTAL</b>	<b>141,040,000</b>	<b>43,454,690</b>	<b>2,867,202</b>	<b>16,825,134</b>	<b>6.6%</b>	<b>11.9%</b>

### II.4. Total Contracted and Expenditures

Tables II.7 shows the details of the total contracted and expenditures amounts.

Table II.7: Details Contracted and Expenditures at 31 March 2023

Category		Fund Source	Contracted (US\$)	Total Expenditures (US\$)	% Disbursed from Contracted
01		GCF-L	2,478,726	508,822	
01A	Works Irrigation and Roads	ADB	14,987,465	3,413,291	20.5
0301		GCF-G	2,049,341	437,747	
01B	Works Warehouses and Laboratory	ADB	6,190,923	4,025,755	65.0
01C	Works Other Infrastructure	ADB	0	0	0
0302		GCF-G	24,687	0	0
0303	Works Bio-digesters & Compost Hits	CCG-G	0	0	0
02A	Equipment, Materials, Goods & Project	ADB	10,954,639	6,601,403	60.2
1501	Implementation Services.	GCF-G	1,684,111	0	0
2401	Training, Workshop & Demonstration	GCF-G	1,266,632	1,266,632	100
02B	Service Charge	GCF-L	36,100	1,864	5.1
03	Incremental Operating Costs	ADB	1,071,665	1,071,665	100
2701		GCG-G	1	366,000	
04	Interest Charge	ADB	1,424,610	192,074	13.5
99	Advance Account MEF	ADB	0	1,548,000	
TOTAL			40,720,193	20,151,705	49.5 %

### **II.5. Proposed Revision of Cost Estimate**

14. During the November 2021 ADB review mission it was noted that COVID-19 has led to increases in cost of steel, cement, and fuel, with all have potential impacts on overall cost. The Mission requested the team to quantify such costs by comparing with pre-COVID-19 prices by 31 January 2022. This activity was however never finalized.
15. The Ukraine war, which started late February 2022, has caused a worldwide inflation and increase in energy prices which has also led into a further increase in construction costs for the CFACF project. The impact of these increases are as follows: a) for all tenders which took place before the start of the war with implementation to take place after the start of the war, the contractors will have difficulties to implement the works with the increased construction costs as these contracts do not have an escalation clause and b) for all contracts to be tendered after late February 2022 the construction costs will be more than foreseen in the CFACF costtab.
16. A third matter of concern is that with the 18-month extension of the project the operational costs for the PMU, PPIUs and the CS01 packages will increase. At this moment it is not known where these costs will come from.

## **III. PROJECT PURPOSES**

### **III.1. Status of Project Scope/Implementation Arrangements**

17. The project scope and implementation arrangements as spelled out in the RRP with 3 exceptions:
- are still valid with the exception of the economic prospects for investments in the mango value chain as the mango market in Cambodia has collapsed in recent years.
  - The market for renewable energy (bio-digesters and compost huts) in rural Cambodia have decreased significantly due to rapid rural electrification.

- c. The time to process adherence to the social safeguard screening including payment of by GDR for the compensation for category B sub-projects and the recruitment and fielding of the ITP for the category C subprojects was underestimated at appraisal.

### **III.2. Likelihood of Achievement of the Project Outcome(s) and Remedial Measures**

#### **III.2.1. COVID-19 Impact**

18. Mid-March 2020 the COVID-19 epidemic outbreak in Cambodia and it is still prolonged till late September- 2021 till reporting period, which created a serious negative impact on the implementation of the CFAVC. Table III.1 shows the mayor impacts are: a) the Government barred large events, b) Almost a period of second quarter fourth is field work restricted, and c) All international air-travel also restricted.

Table III.1: Covid related Delays in Project Implementation.

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

#### **III.2.2. Social Safeguard Screening**

19. The process of social safeguard screening of the Output 1 sub-projects has in terms of a) time-estimates, b) complexity of the system and c) costs underestimated in the RRP/PPTA which has caused an enormous delay in the implementation of the Output 1 program. Table III.2 provides information on the situation.

Table III.2: Issues with Social Safeguard Screening of the CFAVC project.

<b>Social Safeguard Categories</b>	<b>Involved party</b>	<b>Funding</b>	<b>Issues</b>
Category A	Not eligible for CFAVC funding		

Category B	GDR from Cambodian government	Cambodian Government	In the PAM it is assumed that GDR would already want to get involved during Feasibility study phase but in practise they only want to get involved when DED is completed which on some cases has resulted in the need to redesign.
Category C	Independent Third party	CFAVC Project funds	Costs for these ITP recruitment were not foreseen in the costtab and not listed in the procurement plan. So far ADB has recruited from own resources bit MOWRAM is now underway to recruit a ITP for future independent screening.

20. Late 2021 the CFAVC project was extended with another 1.5 years as it was not possible to complete the project in the original time-period of 5 years for reasons as shown in Table III.3.

Table III.3: Reasons for the 18 months extension of the CFAVC project.

Output/Sub OutPut		Issue	Solution
1	1.a Irrigation and 1.c Farm-roads	<ul style="list-style-type: none"> <li>In-sufficient TA allocations for FS, in particular social screening and DED</li> <li>Delays due to covid travel restrictions</li> </ul>	<ul style="list-style-type: none"> <li>Additional TA resources and contract extensions for CS05 and CS01</li> </ul>
	1.f renewable energy	Expected farmers contribution too high	Review of farmers contributions
2	2.a Additional climate-resilient varieties of rice and maize released	Not enough time anymore on the project as already 3 years lost with procurement	Project Extension

### **III.3. Other Project Developments**

#### **III.3.1. Renewable Energy targets**

21. During the November 2021 virtual ADB review mission the PMU and GDAHP staff expressed strong concerns on the project's ability to attain the target of 12,000 bio-digesters and 6,000 compost huts due to new developments in the project area, such as (i) the inability of beneficiaries to provide their contribution due to COVID-19 induced economic difficulties; and (ii) limited interest from smallholders to install bio-digesters and compost huts, which in turn is due to decreasing household dependence on bioenergy for cooking and lighting due to rapid expansion of grid electricity into rural areas over the past 3 years and preference of households to use electricity and liquid nitrogen gas cylinders instead of biogas. Other reasons contributing to low demand for bio-digesters include: (i) free supply of 1,500 bio-digesters, including 200 in Kampong Cham and 300 in Tboung Khmum provinces, with grant from the People's Republic of China; and (ii) declining number of livestock held by smallholder farmers due to farm mechanization and income diversification activities. During the ADB review mission the project team was instructed to strive to achieve the original project targets for bio-digesters and compost huts. If it is not feasible, the project should report the achievable target to GCF and its implications for achieving GHG targets for appropriate decision during the mid-term review mission planned for November 2022. But so far has this second review mission not taken place yet.

## **IV. PROJECT PROGRESS DURING QUARTER 1 (JANAURY – MARCH) 2023**

### **IV.1. Implementation Arrangements**

22. MAFF is the executing agency (EA), and MOWRAM and MRD and from MAFF 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 all implementing agencies (IAs). The Project Steering Committee (PSC), chaired by a MAFF Secretary of State 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), provides 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.

23. In 2023 no PSC meetings have been conducted so far. In 2022 there were 2 PSC meetings in February and March.

## **IV.2. Recruitment and Performance of Consultants**

### **IV.2.1. General**

24. For the project support there are a total of 5 TA packages with different tasks as shown in Table IV.1. While all 5 TA packages are contracted by MAFF, in a recent VO to the CS05 contract 2 national sub-teams have been created, one under MOWRAM for the 1.a irrigation and pond activities and one under MRD for the 1. farm road program, with control over these 2 sub-teams by the involved department.

Table IV.1: Consultants Service Arrangements

<b>Consulting Services Packages</b>		<b>Funded</b>	<b>Tasks</b>	<b>Mobilized</b>	<b>Company</b>
CS1	Project Implementation Consultants	ADB loan	General Support to Project Implementation, including Review of FS and DED, Safeguard adherence (Gender, Environment, Social) Procurement and Financial Management	October 2019	Agriconsulting Europe SA (Belgium) and SBK Research and Development Co. Ltd. (Cambodia).
CS2	Capacity Building and Climate Smart Agribusiness,	ADB loan	Prepare/Implement all capacity building/training, climate smart and agribusiness activities	September 2019	e-Gen Consultants Ltd. (Bangladesh) and SBK Research and Development Co. Ltd. (Cambodia), Okapi Environment Consulting, and International Center for Tropical Agriculture;
CS3	Variety Development	GCF grant	Support in development and distribution of new rice and maize varieties	Being procured	
CS4	Information Communication Technology Platform	GCF grant	ITC support for development of forecasts for weather and agricultural commodities	QR 1/2023	Resources Development Consultants (Sri Lanka) in joint venture with Genesis Software (PvT) Ltd and in association with CAM-CSTR (Cambodia).



Consulting Services Packages		Funded	Tasks	Mobilized	Company
CS5	Feasibility Study and Detailed Design	ADB loan	Feasibility Studies, including all social safeguards screening reporting, DED and tender documents for the Irrigation and Road projects.	November 2019	Resources Development Consultants (Sri Lanka) and CAM-CSTR (Cambodia)

#### **IV.2.2. CS01**

25. In this reporting period the ADB agreed to the proposed VO14 and 8 replacements of national experts. This VO14 concerns a minor increase in budget to use tender savings and a reallocation to extend some crucial national positions but does not cover for additional inputs in the 18- month project extension.
26. The PMU MRD finally made an office available for the CS01 MRD sub-team.
27. In the previous reporting period the PPIU MRD introduced a new requirement that all farm road contract correspondence, including endorsement of invoices, as to be channelled via the CS01 PIC consulting services. With the recent mobilisation of the new DTL MRD are these delays in the processing of this administration are slowly overcome.
28. The CS01 team has suffered a set-back as the national social and environment safeguard experts both resigned during this reporting period due to personal reasons.

#### **IV.2.3. CS02**

29. This contract, which does not have an international Team-leader, since May 2022 runs without also without an Deputy Team leader, which makes coordination with PMU and CS01 troublesome. The (second) Deputy Team Leader resigned on 01 May 2022 and the position has since not yet been refilled by another expert. For the time being the national bio-digest expert has been acting as Deputy Team Leader.
30. Mid 2022 have the PMU and the consultant agreed on a minor VO to use tender savings. The VO was in the previous reporting period after approval by MEF sent to ADB for their approval but the ADB has still not approved/processed it.

#### **IV.2.4. CS03**

31. No known developments during this reporting period.

#### **IV.2.5. CS04**

32. As is shown in Annex 1 has the ADB approved the contract and mobilisation is expected soon.

#### **IV.2.6. CS05**

33. The CS05 team has 2 sub-teams with different progress:
  - a. the MRD sub-team has nearly finished the final-draft DEDs but due to the delays in the review of the social safeguard impacts by GDR can these DEDs not be finalised yet. However this sub-team has depleted nearly all its resources with currently only the DTL still mobilised.
  - b. the MORWAM sub-team has finished around 2/3 of the final-draft DEDs but due to the delays in the review of the social safeguard impacts by GDR (1 scheme) and the ITP can these DEDs not be finalised yet. However this sub-team has depleted nearly all its resources with currently only the DTL still mobilised.



### IV.3. General Review Physical Progress

#### IV.3.1. General

34. Towards the end of the first quarter of 2023 the CFAVC project achieved 43.67 % progress which is 6.94 % higher than the progress of 36.73 % physical progress at the end of the previous reporting period. In the MEF format the progress is a little higher at 44.36 %. This progress figure is relative progress compared to the DMF weight and as such should not be misinterpreted as % progress per activity. Table IV.2 compares financial with physical progress.
35. The highest progress is achieved with the implementation of Outputs 3 at 54.9 %, for output 1 44.58 % and for Output 2 at 54.9 %.
36. The highest progress has been achieved by MAFF with 47.36 %, followed by MRD at 42.8 % and trailed by MOWRAM at 34.35%. The slowest progress of MOWRAM is caused by the slow processing of the social safeguard program of the predominantly category C irrigation due to the absence of an ITP consultant, and the 2-year delay in the start of the 800 pond program.

Table IV.2: Comparison Physical and Financial Progress per Agency per 31 March 2023

EAs/ IAs	Budget (Allocation)	Total Disbursement	Progress Rate %	
			Physical	Financial
PMU-MAFF	57,149,457	12,199,402	47.3 %	21.3 %
MOWRAM	44,235,807	2,732,740	34.35%	6.2 %
MRD	37,349,607	1,892,991	42.8 %	5.1 %
<b>TOTAL</b>	<b>138,734,871</b>	<b>16,825,134</b>	<b>43.67 %</b>	<b>11.9 %</b>

#### IV.3.2. MAFF: Main Implementing Agency of Outputs 1,2 and 3

##### Activities More or Less on Schedule

37. Activities implemented by MAFF which are more or less on track are the improvement of the 80 ACs, 4 PADCS and 4 Agricultural workshops, with the AWP2020 and AWP2021 programs already implemented and the AWP 2022 program (for Acs) currently being procured. Also the other part of Output 1 (laboratory) and the training Outputs 2 and most of the Output 3 activities are more or less on schedule.

##### Activities not on Schedule

38. Activities implemented by MAFF which are not on track are the installation of 12,000 biogas digesters (of which currently 53 installed) and 6,000 compost huts (0 installed) while the development of 2 new drought resistant rice and 1 maize varieties by CARDI has not started yet as the CS04 contract has still not been signed. Also the delay in the recruitment of the CS04 consultants has resulted in delays in the implementation of the ICT contract.

#### IV.3.3. MOWRAM – Irrigation and FUWC (part of outputs 1 and 2)

##### Activities More or Less on Schedule

39. Activities implemented by MOWRAM which are more or less on track are the preparation of the Feasibility Studies and DED for the rehabilitation program in the 27 irrigation schemes and the development of FWUCs in these 27 schemes.

#### Activities not on Schedule.

40. Activities implemented by MOWRAM which are not on schedule are the implementation of the irrigation rehabilitation works due to the enormous delays in the implementation of the social safeguard screening. Currently only the AWP 2020 program is being implemented (6 out of the 27 irrigation schemes with the AWP 2021 program still not implementable awaiting social safeguard screening.

#### IV.3.4. MRD - Farm Roads (part of Output 1)

#### Activities More or less on Schedule

41. Activities implemented by MRD which are more or less on schedule are the preparation of the Feasibility Studies and DED for the rehabilitation program of the 250 km farm – road program.

#### Activities not on Schedule

42. Activities implemented by MRD which are not on schedule are the implementation of the farm road rehabilitation works due to the enormous delays in the implementation of the social safeguard screening. Currently only the AWP 2020 program is being implemented (71 out of the 250 km farm roads) with the AWP 2021 program still not implementable awaiting social safeguard screening.

#### IV.4. Last ADB Review Mission (November 2021)

43. In the period 22 – 29 November 2021 a virtual ADB review mission was conducted. Table IV.3 shows the progress with the implementation of the Action Plan of this MOU.

Table IV.3: Progress Implementation Action Plan MoU December ADB review mission

ACTION	DUE DATE	RESPONSIBLE	STATUS 31 March 23
Processing of the request for extension of the project completion date by 18 months to 31 March 2026 (i) Letter from MAFF to MEF (ii) MEF to ADB (iii) ADB to MEF	30 November 2021 31 December 2021 15 January 2022	PMU, MEF and ADB	<ul style="list-style-type: none"> <li>letter sent</li> <li>Letter sent</li> <li>ADB NOL to Loan closing date extension till 31<sup>st</sup> March 2026</li> </ul>
Conducting of a Project Steering Committee meeting	31 January 2022	PMU	Steering committee meetings conducted on February 10, 2022 and on March 03 2022 (virtual)
Approval of 2022 work plan and budget	15 February 2022	PMU, MEF	MEF approval 13 April 2022
RGC Decision on IA for ponds and drip irrigation	31 January 2022	MEF	MEF decision on 13 April 2022
Analysis of needs for additional consultant inputs and associated budgets	15 January 2022	CS1, CS2 and CS5	Done for CS01 and CS02 but requests for additional PM allocations still being processed at PMU
<b>Irrigation and Water</b> management Infrastructure			
<ul style="list-style-type: none"> <li>Master list of the first and second batch of irrigation subprojects with climate resilience</li> </ul>	15 January 2022		- Done in QR2-22

ACTION	DUE DATE	RESPONSIBLE	STATUS 31 March 23
<ul style="list-style-type: none"> <li>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>	<ul style="list-style-type: none"> <li>31 March 2022</li> <li>31 May 2022</li> <li>30 June 2022</li> <li>30 September 2022</li> <li>30 December 2021</li> <li>28 February 2022</li> </ul>	<ul style="list-style-type: none"> <li>CS1, CS5, and MOWRAM</li> </ul>	<ul style="list-style-type: none"> <li>- Achieved</li> <li>- Achieved</li> <li>- Achieved</li> <li>- In progress</li> <li>- First draft submitted late 2021</li> <li>- Completed late December 2021</li> </ul>
<p><b>Agricultural Cooperatives infrastructure</b></p> <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>• Invitation for bids for final batch of 25 agriculture cooperatives including solar energy issued</li> </ul>	<ul style="list-style-type: none"> <li>31 January 2022</li> <li>31 January 2022</li> </ul>	<ul style="list-style-type: none"> <li>CS2, MAFF</li> </ul>	<ul style="list-style-type: none"> <li>- Bid opening for the 35 ACs was done on the 1 April 2022 first package with 21 ACs, and on the 27 June 2022 for the second package with 14 ACs</li> <li>- Achieved</li> <li>- Divided into 2 packages of procurement</li> <li>- 1st package with 12 ACs bidding docs is ready.</li> <li>- 2nd package with 13 ACs is being progressed.</li> </ul>
<p><b>Rural connectivity infrastructure</b></p> <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</li> </ul>	<ul style="list-style-type: none"> <li>31 December 2021</li> <li>30 September 2022</li> <li>28 February 2022</li> </ul>	<ul style="list-style-type: none"> <li>CS1, CS5, GDR and MRD</li> </ul>	<ul style="list-style-type: none"> <li>- Achieved (Compensation was done on the 8-10 Dec 2021)</li> <li>- In progress</li> <li>- MRD subproject In Takeo with 26.737 Km was advertised 27<sup>th</sup> Sept 22</li> <li>- First draft submitted late 2021</li> </ul>

ACTION	DUE DATE	RESPONSIBLE	STATUS 31 March 23
costing of farm road subprojects	31 January 2022		
<b>Laboratory infrastructure</b> <ul style="list-style-type: none"> <li>• Finalization of draft national standard for bio-fertilizer 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>	<p>31 January 2022</p> <p>31 December 2021</p> <p>31 December 2021</p> <p>1 February 2022</p>	CS2, GDA	<ul style="list-style-type: none"> <li>- Done (Completed of consultation workshop and more input collected for participants. 32% completed)</li> <li>- Done (The design for Lab room renovation together with the engineering drawings and the BoQ estimations completed and renovating process by Taing Cheng Oing company contracted. 97% completed)</li> <li>- Done (Lab equipment are bid opening on 9 May 2022, and BER is being progressed).</li> <li>- Done Net-house contract awarded 16<sup>th</sup> June 22; construction being progressed by KASEGRO company, 95% completed.</li> </ul>
<i>Renewable Energy Infrastructure</i>			
Revised bidding document for first batch of bio-digesters and compost huts submitted to ADB	31 December 2021	CS2, GDAHP	<ul style="list-style-type: none"> <li>- ADB provided NOL to rebid on the 22 April 22</li> <li>- Bid opening for the second time was done on the 28 Jul 2022.</li> <li>- The second of bidding also failed to select the biodigester company to build the biodigester and compost hut.</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>	<p>31 December 2021</p> <p>1 February 2022</p> <p>30 April 2022</p>	CS2 and CARDI	<ul style="list-style-type: none"> <li>- Achieved</li> <li>- Delayed for unknown reasons</li> <li>- Delayed due to lack of related CS02 experts</li> </ul>

ACTION	DUE DATE	RESPONSIBLE	STATUS 31 March 23
<b>Capacity Building</b> <ul style="list-style-type: none"> <li>Adoption of ASEAN CSA guidelines for target crops</li> <li>Revised master plan 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	- Ongoing - Achieved - Ongoing
<ul style="list-style-type: none"> <li>Detailed training plan for FWUCs</li> </ul>	31 January 2022	CS2, MOWRAM	- Completed (2 training courses in May-22 and other 2 courses in Jul 2022)
<b>Farm mechanization and extension</b> <ul style="list-style-type: none"> <li>Completion of solar system designs for PADCs</li> <li>FMWs Training program on farm mechanization prepared</li> </ul>	April 2022  March 2022	CS2, GDA	- Achieved  - Achieved
<b>Agribusiness policy and standards</b> Approach to commercialization of SRP standards completed	31 August 2022	CS2	In progress
Climate finance and PPP <ul style="list-style-type: none"> <li>Crop-centric PPP platforms and Inter-ministerial committee on PPP on target crops established</li> <li>Training program on green finance and CSA to financial institutions prepared</li> </ul>	June 2022  January 2022	CS2, PMU and GDA	- The original expert resigned, the new replacement just mobilized early July 22  - Achieved
<b>ICT for climate risk management</b> Request for proposals to ICT firms issued	15 December 2021	PMU	Financial proposal opening on the 12 <sup>th</sup> Sept 2022 being evaluated. The CS4 is already sign the contract and started on 09 January 2023.
<b>Procurement</b> Updated procurement plan reviewed by the procurement review committed together with the 2022 annual work plan and budget and the revised contract awards and disbursement projections	3 December 2021	CS1 and PMU	ADB provide NOL to last update on the 5 <sup>th</sup> Aug 2022
<b>Safeguards</b> <ul style="list-style-type: none"> <li>Project-specific</li> </ul>	28 February 2022	CS1, CS5, PMUs and ADB	- Done on the 1-3 <sup>rd</sup> Mar 2022

<b>ACTION</b>	<b>DUE DATE</b>	<b>RESPONSIBLE</b>	<b>STATUS 31 March 23</b>
safeguards clinic organized • Semi-annual social and environmental safeguards monitoring report for July to December 2021	15 January 2022	PMU, CS1, and CS5	- Uploaded to ADB website Dec 2021 (Jan-June and Jul to Dec 2021 for both social and environmental safeguards - Jan to June 2022 submitted to ADB on 15 <sup>th</sup> Jul 2022 for initial review.
<b>Action</b>	<b>Due by</b>	<b>Responsible</b>	<b>Para</b>
<b>Gender Action Plan</b> • EA endorsement of updated GAP • Preparation of a plan to engage Gender and Children Working Group and Women Farmers' Network in the project activities	31 December 2021  28 February 2022	PMU and CS1	Completed 13 Dec 2021  Trainings implemented October and November 2022
Desk review of gender analysis of target value chains and proposal for the scope of the detailed study	31 March 2022	CS1	Being implemented
• Integrate GAP activities and targets into the PPMS	30 April 2022	CS1 and PMU	Achieved
• Improve the quality of GAP progress table and data consistency	31 May 2022	CS1	In progress
• 2022 Annual work plan for GAP implementation	31 December 2021	CS1 and PMU	Being progressed pending fund transfer
Submission of APFS for 2021	30 June 2022	PMU	
Updated PPMS	15 January 2022	CS1	Achieved in Jan 2022
Mid-term review mission	July 2022	ADB and PMU	Still not conducted

#### **IV.5. Output 1: Critical Agribusiness Value Chain Infrastructure Improved and Made Climate Resilient**

##### **Activity 1.a: Rehabilitation of Irrigation Schemes**

##### **Step1a: Reconnaissance and Feasibility Study**

44. All 27 irrigation schemes covering 15,000 ha were identified in 2020 with two back-up schemes selected early 2022 as potential replacement of additional schemes. The program is divided in 3 batches, AWP 2020/batch 1 9 schemes covering 3,250 ha, AWP2021/batch II 8 schemes covering 5,028 ha and AWP 2022/Batch III covering 8 schemes with 7,420 ha. In this reporting period the originally identified O'Romdoul Reservoir Scheme of the AWP 2022 program was canceled due to significant impact on resettlement and replaced by the Ta Oum Reservoir Scheme. For more information on the 27 selected schemes reference is made to Annex 6.

45. In this reporting period the following progress was made with feasibility study (FS) reports:



- Completed feasibility study and design drawing and Bill of Quantity 100% of Teuk Char East Reservoir Scheme at the end of December 2022. FSDD Team will double check before send to CS1 for review in 1st week of January 2023.
  - The Feasibility Study Report of Package No. CFAVC-MOWRAM-KPC-CW14.2 for two subprojects of Teuk Char West and Po Ta Tress Reservoir Scheme, the result of this Package is 80% and Package No. CFAVC-MOWRAM-TKO-CW15.2 for three subprojects of Chrouk 1 + Phlov Touk, Prey Romdeng and Kwaeng Tayee of Takeo province, the result of this Package is 80%.
46. Progress with the adherence to the safeguards for the irrigation program is discussed in paragraph V.3.

### **Step 2: Topo Survey**

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

### **Step 3: DED**

48. During this reporting period DED work focused on the Trapeang Ampil and Choam Taheung Reservoir Schemes which are part of the AWP2022 program. The progress works of these 2 subprojects completed 60%. In addition, works have started to design concept of layouts, typical cross section, long profiles, structures location of Pou Tasuy Reservoir Scheme. The overall progress of this scheme is completed 10%. The FSDD Team will visit the irrigation scheme in January 2023. CS05 also completed the Crop Water Requirement of 3 subprojects in Kampong Cham province such as Teuk Char East Reservoir Scheme, Teuk Char East Reservoir Scheme and Po Ta Tress Reservoir Scheme. Delineated catchment area and longest flow map of Ta Oum, Sdok Sab and Pou Tasuy Reservoir Scheme subproject.
49. At the end of this reporting period, the detailed engineering design is completed for 20 subprojects, while the DED in the remaining 7 subprojects is ongoing.

### **Step 4: Procurement**

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

### **Step 5: Implementation**

51. Progress with the Implementation of the Irrigation program is shown in Annex 6.

### **Step 6: O&M**

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

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

53. On April 13 2022 MEF send out a letter to ADB that the construction of the rainwater harvest ponds is assigned to MOWAM.
54. A first group of 260 ponds spread out over the 4 provinces have been screened and selected, comprising of 80 in Kampong Cham province and 60 each in the other 3 provinces of Takeo, Kampong Cham and Tbong Knum. For all demarcation, topographical survey, IR, IP, public consultation meetings and DED are underway.

#### **Activity 1.b2: 15 Drip Irrigation Demonstrations**

55. On April 13 2020 MEF send out a letter to ADB that the construction of the drip irrigation is



assigned to MAFF. y

56. The total budget allocated for these 15 drip irrigation systems is \$800,000 and the demonstrations are mainly in mango-growing provinces – Kampot and Takeo provinces. No drip irrigation demonstrations are planned in Kampong Cham and Tbong Khmum provinces, as they do not grow mango. During the project design, MAFF requested for one demonstration in neighboring Kampong Speu province, as mango is grown extensively in that province.
57. For this activity the AWPB2023 has budgetted for a totla of 15 drip irrigation system in areas which are used as demonstration site with mango farm in target province of the project. The tender documents are still being compiled.

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

##### **Step 1: Reconnaissance and Feasibility**

58. Progress with the reconnaissance and preparation of the feasibility study of the 250 km farm roads is as follows:
- The Project has already identified 44 farm roads of 273.6 km (as against the project target of 250 km) for rehabilitation and improvement of climate resilience benefitting 44 out of the total of 80 ACs in terms of all-year all-weather connectivity with markets. A combination of double bituminous surface treatment (DBST) in road lengths exceeding flood levels and concrete for road lengths below the flood level has been selected as appropriate to minimize the cost.
  - The AWP2020 program consists of 8 subprojects is divided into 4 packages, with a total length of 71.099 km, benefitting 2 ACs each in Kampong Cham, Kampot, Takeo, and Tbong Khmum provinces with 82,765 (females: 42,447) direct beneficiaries and 859,083 (females: 440,566) indirect beneficiaries.
  - The AWP2021 program consists of 20 subprojects facilitating 20 ACs with a total length of 100.65 Km. December 2022y reports were approved in 2021.
  - The FS of AWP2022 batch III, comprising of 16 subprojects with an estimated length of 100 Km are 100% completed and submitted to CS1 for review on 16 August 2022.
59. Progress with the adherence to the safeguards for the farm road program is discussed in paragraph V.3.

##### **Step 2: Surveys**

60. The surveys (topo-survey, traffic counts and geo-technical surveys) were all completed in 2022.

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

61. Progress with the implementation of the DED for the 250 km farm roads is as follows:
- The detailed engineering designs (DED) for the road subprojects planned in the AWP 2020 and AWP 2021 program are 100% completed,
  - 16 road subprojects with total length of 100 km are planned for project support in 2022 (covered 16 AC), and the estimated cost for these road subprojects is of about \$ 14,350,000.00, the DED preparation for these road subprojects have been progressed 95 % completed as per 31 March 2022.

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

62. Progress with the tendering of the rehabilitation and making climate resilient and obtaining approval of the contract by the ADB is as the DED for the 250 km farm roads is as follows:
- The procurement processes for the AWP2020 Batch I were completed for these road subprojects with 71.09 km and the total contract value of \$ 8,665,818.34. All contracts

have been signed, same as for social safeguards works clearance has been completed. Handing over certificate for Kampong Cham package was issued by GDR in 1st week of September 2022 and Compensation and Allowance payment to Vulnerable Affected Households in Kampot also completed in 2nd week of September 2022.

- The MRD Batch II - 20 road subprojects with a total length of 100.65 km (benefitting 4 ACs each in Kampot and Kampong Cham, 5 ACs in Takeo, and 7 ACs in Tboung Khmum), table II-2 with an estimated contract value of \$14.00 million are undergoing preparation of Detailed Resettlement Plan and the first package in Takeo has been announced invitation for bid by 4th week of September 2022 with bid opening planned for 27 October 2022, with a total of 8 participating contractors, 7 Cambodian and 1 Chinese firms.. The contracts will be awarded if the social safeguards are cleared.

### Step 5: Implementation of farm Road Contracts

63. Progress with the implementation of the rehabilitation and making climate resilient for the 250 km farm roads at the end of this reporting period is estimated at 38.23 km with details as shown in Annex 7.

64. Due to various reasons, but mainly erroneous estimates of the amount of unsuitable subsoils, for many contracts VO (Variation Orders) are currently being prepared.

### 6: O&M by Village Communities

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

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

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

66. Table II.4 shows the planning of the improvement of the buildings of the 80 Agricultural cooperatives. The installation of the equipment, including the solar panels will follow one year later for all. There are 3 type of grain storages depending on the crops to be processed/stored of each ACs.

Table IV.4: The Summary list of the 80 ACS 2020-2023

Province		Type	2020		2021		2022		TOTAL	
1	Takeo	Rice Seed 50 tons	2	5	5	13	2	12	9	30
		Grain storage 100 tons	3		8		10		21	
		Cassava 200 tons	0		0		0		0	
2	Kampot	Rice Seed 50 tons	1	5	3	8	0	4	4	17
		Grain storage 100 tons	4		5		4		13	
		Cassava 200 tons	0		0		0		0	
3	Kampung Cham	Rice Seed 50 tons	1	5	1	4	0	4	2	13
		Grain storage 100 tons	3		3		1		7	
		Cassava 200 tons	1		0		3		4	
4	Tebung Khnum	Rice Seed 50 tons	1	5	1	10	0	5	2	20
		Grain storage 100 tons	2		4		4		10	
		Cassava 200 tons	2		5		1		8	
		Rice Seed 50 tons	5		10		2		17	
		Grain storage 100 tons	12		20		19		51	

Cassava 200 tons	3		5		4		12	
Total		20		35		25		80

67. The construction of the 20 ACs of AWPB 2020 were completed in 2022, while the construction of the 35 ACs of AWP 2021 are corrected in progress as is shown in Annex 4.

68. In this reporting period us for the AWPB 2022, with a target of 25 ACs (First package selection with 12 ACs in Takeo and Kampot provinces) the DED has been completed. During the reporting period, there were 19 ACs were identified and selected 13 ACs for the 2nd package selection for Kampong Cham and Tboung Khmum provinces, the DED is in underway preparation and will be completed in the next quarter.

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

69. As reported above the 80 ACs are not all similar as they are tailor made for the crops processed/stored in that AC in question, and as a result the list of necessary equipment is also different. F.i. for some crops different equipment is installed to reduce postharvest losses and moisture content management in particular raining season. In addition, solar power will be introduced within the stores for ventilation and drying, lighting, and powering management system.

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

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

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

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

- Green-House construction with a size of (3 x 23 m) is ongoing progress until now still not completed some parts include state water and waste water, spray water to control temperature, the roof of the net house and electricity inside.
- The design for Lab room renovation has been signed the construction by company with NAL and prepared first and second signing agreement construct on 13 February 2023 and third signing agreement on 24 Feb 2023 by NAL's director, Taing Cheng Oing construction company, procurement form PMU, NAL's coordinator and related person.
- Biotechnology (NAL) Laboratory (including tissue culture house equipment) bid was opening on the 9th May 2022, BER is being prepared and bid evaluation committee progressing and continue follow up by procurement of PMU.

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

72. In the AWPB 2022 planned activities are to support specific and technical training (training on plant tissue culture, biofertilizer production and quality testing, biopesticide production and quality testing) and on-the job training on relevant topics on lab-equipment use and management to NAL's staff and other relevant capacity development. Progress made is as follows:

- Specific technical training for NAL staff has moved to AWPB2023 for oversea training and has been reviewed by MEF.

- Prepared and revised of concept noted of Technical training on Bio-fertilizer/Bio-Pesticide Quality Testing for NAL's staff at NAL for second quarter of AWPB2023.
- Prepared and revised of concept noted of Training on plant tissue culture and Biofertilizer/Pesticide sample collection for PDAFF to Takeo and Kompot provinces.
- Prepared and revised of concept noted of Training on plant tissue culture and Biofertilizer/pesticide sample collection for PDAFF to Kompong Cham and Tbong Khmum provinces.
- Prepared and revised of Concept noted of Technical training on GMO and Phytotoxin Analysis for NAL's staff at NAL for second quarter of AWPB2023.
- Prepared and revised of concept noted field Sampling for GMO and Phytotoxin Analysis to Takeo and Kampot Provinces for second quarter of AWPB2023.

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

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

- Prepared and revised of concept noted of Technical training on Bio-fertilizer/Bio-Pesticide Quality Testing for NAL's staff at NAL for second quarter of AWPB2023.
- Prepared and revised of concept noted of Training on plant tissue culture and Biofertilizer/Pesticide sample collection for PDAFF to Takeo and Kompot provinces.
- Prepared and revised of concept noted of Training on plant tissue culture and Biofertilizer/pesticide sample collection for PDAFF to Kompong Cham and Tbong Khmum provinces.

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

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

- Prepared and revised of concept noted of Field Sampling for Plant Tissue Culture (Cassava, Banana and ornamental plant) to Takeo and Kampot Provinces.
- Prepared and revised of concept noted of Training on plant tissue culture and Biofertilizer/Pesticide sample collection for PDAFF to Takeo and Kompot provinces.
- Prepared and revised of concept noted of Training on plant tissue culture and Biofertilizer/pesticide sample collection for PDAFF to Kompong Cham and Tbong Khmum provinces.

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

75. Main activity of this sub-target focuses on building design and reorientation required to satisfy future International Standard Organization (ISO) 17025 accreditation for the range of tests

supported by the project. The other target is to generate revenue at least US\$ 75,000 per annum by year 6 and license tissue culture technologies. The main activities focus on related specific (exam- plant tissue development, bio-fertilizer, bio-pesticide development and testing) and other relevant capacity development (Lab-equipment use and management) support to NAL staff.

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

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

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

77. Under this activity, there are five sub-targets: sub-targets 1.f.1 and 1.f.2: identification and installing 12,000 bio-digesters, sub-targets 1.f.3 and 1.f.4: identification and installation of 6,000 compost huts including training and capacity building on bio-digester and bio-slurry use and management, and sub-target 1.f.5: capacity building of beneficiaries at least 80,000 persons, including at least 50% women.

#### Sub-target 1.5.1+2: Identification of Potential Beneficiaries and Installation of bio digester program

78. In the AWPB 2023 it was planned to identify and select additional 750 new potential farmers/farm owners purchasing the biodigester. During the reporting period, the main result of achievement as the following:

- Additional promotion as shown in table IV.5
- Conducted field monitoring on the identification of new additional eligible and interested farmers for biodigester construction through activities such as field demonstrations and meetings at the grass root level.
- agreeing with confirmed potential beneficiaries as shown in Table IV.6/

Table IV.5: Overview Bio-digester Promotion Activities 2020 – present (March 2023)

N	Activities	Unit	Annual Target 2023	Actual Progress in Jan-Mar 2023	Cumulative Progress from 2020- March 2023
1	Training and capacity building	Person	1,200	498	3,278
2	Promotion and marketing	Person	7,500	0	26,438
3	Monitoring and evaluation	Person	800	0	1,299
4	Innovation & VC Improvement	Person	500	154	1,204
<b>Total</b>			<b>10,000</b>	<b>652</b>	<b>32,219</b>

Table IV.6: Summary of Identified Potential Beneficiaries for Bio-digesters by Jan-Mar 2023

No	Activities	Province	Unit	Annual Target 2023	Actual Progress in Jan-Mar 2023	Cumulative Progress Year 2023
1	Beneficiaries identified on purchasing	TAK	Biodigester	188	0	0
2		KPT	Biodigester	188	0	0



3	biodigester	KPC	Biodigester	187	0	0
4		TBK	Biodigester	187	0	0
<b>Total</b>				<b>750</b>	<b>0</b>	<b>0</b>

3. From the total accumulated amount of 2,150 biopdigesters such as the AWPB 2020 had a total of 500 biodigesters and the AWPB 2021 an additional 750, AWPB 2022 has an additional target of 150 biodigesters and AWPB 2023 an addition 750 biodigesters. The total of 3,193 potential beneficiaries have been identified as shown in table IV.6.

79. To date still 0 biodigesters were constuctud by a potential winner of the tender as both tenders which have so far been floated both failed. A third tenderis currently in peparation/

80. The second tender was implemented in 2022 with the following results

- Prepared second round of tender document and submitted to ADB for review and NOL
- Get NOL from ADB on 22 April for the second bidding document for the procurement of works for the construction of 500 units of biodigesters in the four targeted provinces and finalize the document and proceed to invite bids and the bidding document.
- The second of National Competitive Bidding Procedures is failed due to the submission of the companies for biodigester construction are not meet the requirement of selection while the deadline of submission the bidding on 26 July 2022 and the result is failed.

81. After in 2020 a first group of 3 demonstration bio-digesters were constructed, in 2022. for purposes of research, development and pilot purposes an additional 52 bio-digesters were constructed by the PMU and in 2023 1 additional one in Tebung Khnum province.

Table IV.7: Summary number of bio-digesters Installed up to March 2023

No	Activities	Province	Target	Number of Eligible and Interested Families 2020 to Mar 2023	Constructed up to March 2023
1	Beneficiaries identified on purchasing bio-digesters	TAK		1,020	18
2		KPT		683	18
3		KPC		758	12
4		TBK		732	6
<b>Total</b>			<b>12,000</b>	<b>3,193</b>	<b>56</b>

#### Sub-target 1.5.3+4: Identification of potential beneficiaries and Installation of Compost Hut program

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

- Identification of new additional eligible and interested farmers for compost hut construction through activities such as field coaching and mention of promotion and marketing with a small group or village meeting.
- Other activities in the sector are contributing disseminate and awareness-raising information about the benefits of the compost hut program.
- The second of National Competitive Bidding Procedures is failed due to the submission of the companies for compost hut construction are not meet the requirement of selection while the deadline of submission the bidding on 26 July 2022 and the second result of bidding is failed.

83. In 2022 for purposes of research, development, pilot purposes a total of 18 compost huts were constructed by the PMU.

84. So far from project start a total of 2,276 potential beneficiaries have been identified the clients for validating and selection as shown in table below:

Table IV.8: Update Potential beneficiaries identified for compost huts per March 2023

N	Activities	Province Names	Target	Number of Eligible and Interested Families 2020 to Mar 2023	Constructed up to March 2023
1	# of new clients identified for the Compost hut program	TAK		773	1
2		KPT		568	1
3		KPC		391	12
4		TBK		544	8
<b>Total</b>			<b>6,000</b>	<b>2,276</b>	<b>22</b>

85. In the AWPB 2022 the project planned to identify and construction an additional 226 compost huts, on top of the 375 compost huts carried from 2021, and 250 compost huts carried from 2020. During the reporting period, the main result of achievement as the following:

- No compost hut construction activities started yet for the National Competitive Bidding (NCB), due to failed of bidding procurement.
- First and second biddings have failed, so the construction of 250 compost hut delayed.
- For both tenders the registered companies did not meet the requirement of selection. The MAFF-PMU and IA-GDAHP will suggest to ADB in the planned mid-term review mission to change the procurement procedure because of a large number of farmers have changed their minds because they have been waiting a too long time for the construction of biodigester and compost hut, most of them used the contributed budget for other purposes.

#### Sub-target 1.5.5: Capacity Building of Beneficiaries

86. The project aims to reach about 40,000 people including 50 % woman, by strengthening the capacity of the biodigester and compost hut program related to promotion & marketing, monitoring & evaluation; and innovation & Value chain improvement. AWPB 2022, anticipated that plan to for 4,000 persons strengthen their capacities as mentioned above topics.

87. During the quarterly reporting period, a total of 712 persons of which 280 persons are females received a series of training and other capacity strengthening as the following:

- 56 biodigesters were made operational and functioning under the activity for research, development, pilot and use of the biodigester construction. The total of beneficiaries is 280 of which 154 are women that get benefits from the use of biodigester.
- 22 compost huts were made operational and functioning under the activity for research, development, pilot and use of the compost hut construction. The total of beneficiaries is 110 of which 60 are women that get benefits from the use of compost hut in producing the bio-slurry compost.
- Training on data entry and management of data system on Biodigester and compost hut at Kep Province, participant: 29 persons of which 4 are females for Kampong Cham and Tboung Khmum Provinces.
- Training on data entry and management of data system on Biodigester and compost hut at Kep Province, participant: 30 persons of which 6 are females for Takeo and Kampot.
- The meeting with key farmers who are implementing the research, development, pilot



and use of the biodigester and compost hut construction in Takeo province. The total of participants is 17 persons of which 7 persons are women.

- The meeting with key farmers who are implementing the research, development, pilot and use of the biodigester and compost hut construction in Kampot province. The total of participants is 16 persons of which 3 persons are women.
- Introduction meeting was conducted to orient the key farmers who play an important role to collect the data and prepare the integrated demonstration in Tboung Khmum. The total of participants is 16 persons of which 5 persons are women.
- Conducted regular field monitoring on the 38 integrated farming demonstrations at 4 targeted provinces. The total of beneficiaries is 154 of which 83 are women that is functioned the implements of demonstration for adaptation techniques.
- During the reporting period, integrated farming demonstrations was also visited by the farmers from Siem Reap, Pursat, Kampong Thom and Kampot provinces to learn the experiences of adaptation techniques for applying the bio-slurry on vegetable production in Odom Soriya Agriculture Cooperative that lead the exchange visit by Action Aid Cambodia. The total of participants was 60 persons of which 41 are females.

#### **IV.6. Output 2: Climate Smart Agriculture and Agribusiness Promoted**

##### **Activity 2.a: Deployment of climate-resilient varieties**

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

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

- The CS03 contract between the PMU and IRRI/CARDI was still not procured due to the TOR not yet accepted.
- Awaiting the development of the own new rice-varieties other rice varieties (04) were monitored in selection for next advance generation in Dry and wet season 2023. CARDI was also finished the harvesting and manage to thresh and store the selected genotypes.
- Conducted field trial and demonstration monitoring at target 4 provinces such as Kampong Cham, Tboung Khmum, Takeo and Kampot provinces with IA-CARDI and PPIUs for follow up the progress of cassava and maize demonstration.
- Farmer field day, at field experiment: The field day events were conducted under the sub-target 2.a.2: Conducting on-field rice seed production demonstration. The field day in Kampong Cham province was held on December 2022 with a total participant is 35 of which 16 are female and another field day was conducted on January 2023 with total participants of 35 of which 22 were female.

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

89. In the AWPB 2023 CARDI and PPIUs are scheduled to train key farmers for seed production demonstration (climate-resilient variety) across the 4 target provinces. During the reporting, all key farmers for seed demonstration in target provinces were followed up under coaching by IA-CARDI, CS2 specialist and PPIUs on the field in growing states of rice plant such as, reproductive period(panicle initiation, booting stage and flowering stage) and Ripening period(milk stage, dough stage and mature stage) across target provinces. During the

reporting period the main result of achievement of key farmer selection for rice seed production demonstration for wet season as the following:

- Conducted field monitoring on rice seed demonstration at target 4 provinces such as Kampong Cham, Tboung Khmum, Takeo and Kampot provinces with IA-CARDI and PPIUs for follow up the progress of rice seed demonstration.
- Seed distributions=31,770kg (TAK=11,000kg, KPT=6100kg, KCM=14,670kg and TBK not get report yet) (field monitor progress in month)

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

90. Three cassava planting materials used for this demonstration (i) Rayon-9, (ii) 81, (iii) Haiy Bong. During the reporting, the demonstration plots was achieved as bellow:

- During the reporting period, regular field monitoring was conducted with IA-CARDI and PPIUs to follow up the progress of cassava demonstration.
- 18 demonstration of cassava was harvested (11 in KCM, average yield = 16T/ha and other 7 in TBK, average yield=29T/ha)
- Other harvesting of 12 demonstration will occur in April 2023.

4. The AWPB 2023 includes the activity to identify the maize demonstration plots across target provinces to conduct seed on farm maize seed production demonstration. During the reporting period, main achievement as the following:

- During the reporting period, regular field monitoring was conducted with IA-CARDI and PPIUs to follow up the progress of maize demonstration.
- 25 demonstrations harvested, that 10 demo in KCM, 12 demo in TBK and 3 demos in Takeo with average yield 4757kg/ha
- 20 demonstrations just planting with variety CHM-01(that 6 demo in TBK and 5 demos in KPC) and seed CM1(that 2demo in TAK and 7 demo in KPT)
- Other more harvesting 4 demonstrations are CM1 (3 in KPT and 1 in TAK, average yield=3,082T/ha).
- Other harvesting of field demonstrations will happen in April, 2023.

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

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

92. The AWPB 2023 includes the activity to conduct laser land levelling in a total of 500 hectares of paddy field across target provinces. The paddy fields will be selected from irrigation schemes were supported by the project and where FWUCs has been established.

Table IV.9: Update Progress of paddy selection for land levelling in Period January – March 2023

N	Activities	Province names	Unit	Annual Target	Actual progress this reporting period	Cumulative progress by 2020- 2022	Total households	Total women
1	Identification land for laser levelling	TAK	ha	125	0	125.89	935	397
2		KPT	ha	125	0	67.99	467	260

3		KCM	ha	125	0	166.40	730	258
4		TBK	ha	125	0	58.30	646	302
<b>Total</b>			<b>ha</b>	<b>500</b>	<b>0</b>	<b>418.58</b>	<b>2,778</b>	<b>1,227</b>

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

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

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

94. The AWPB 2023 has the plan to conduct the ToT Training, refresher ToT trainings and field monitoring for technical support or backstopping of GDA on training of farmers on SRP and CSA. During the reporting period, the National Training and Capacity Building Specialist has not mobilized yet since the submission to request NOL from ADB on 21<sup>st</sup> October 2022.

#### **Training to farmers**

95. The AWPB 2023 has the plan to conduct training on climate smart agriculture (CSA). The trainings required to be conducted at the community level. The training course will be mainly centered on CSA with certified seed of the rice, maize and cassava. During the reporting period, the National Training and Capacity Building Specialist has not mobilized yet since the submission to request NOL from ADB on 21<sup>st</sup> October 2022.

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

96. In AWPB 2023 the project plans to organize the training courses for Training of ACs boards on ACs business development in target provinces. During the reporting period, the National Training and Capacity Building Specialist has not mobilized yet since the submission to request NOL from ADB on 21<sup>st</sup> October 2022.

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

97. In AWPB 2022 the project plans to organize the training courses for farmers on Sustainable Rice Platform (SRP). The courses focus on the rice cultivation in complying with affordable SRP performance indicator. During the reporting period, the National Training and Capacity Building Specialist has not mobilized yet since the submission to request NOL from ADB on 21<sup>st</sup> October 2022.

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

98. In AWPB 2023 the project plans to organize the training courses to the target PPIUs. The training course was done for transferring CamGAP technical to any farmer growing mango under target of Agriculture Cooperatives (ACs) or community of CFAVC project. During the reporting period, the National Training and Capacity Building Specialist has not mobilized yet since the submission to request NOL from ADB on 21<sup>st</sup> October 2022.

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

99. In AWPB 2023 the project plans to conduct the training courses to target AC and farmer group on use of agriculture machinery including O&M. During the reporting period, the National

Training and Capacity Building Specialist has not mobilized yet since the submission to request NOL from ADB on 21<sup>st</sup> October 2022.

#### Sub-target 2.b.6: Training and workshop with linked departments

100. During the reporting period, the project conducted 4 forums on the multilateral matching platform on various conditions of contract farming such as the forum conducted in Kep for rice production with a total of 57 participants of which 7 persons are women and 28 participants of which of 2 persons are women on mango. On the other hand, another forum on cassava was conducted in Svay Rieng with a total of 27 participants of which 3 are females.

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

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

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

102. The budget as planned in the coststab for the 27 sub-projects has turned out to be insufficient and only sufficient for 17 sub-projects.

103. During the reporting period the following activities were implemented:

- *Elected FWUC for Tbong Damrei irrigation scheme consisted of 61 participants of whom 12 were women;*
- *Official announcement to carry out the FWUC statute for Pou Tatress irrigation scheme consisted of 427 participants of whom 128 were women;*
- *Discussed with PDOWRAM Director on FWUC's office building location;*
- *Discussed commune councils on FWUC's office building;*

Table IV.10: Update Progress FWUC Development in Period January – March 2023

N	Activities	Province names	AWP	Cumulative Progress By Mar 2023	Participants		Explanation If any
					Total	Fem.	
1	FWUC establishment- Trapeang Run	KPT	2020	100%	487	222	Completing all 8 steps
2	FWUC establishment- Takoch	KPT		100%	456	171	Completing all 8 steps
3	FWUC establishment- Toul Pring	TBK		100%	585	242	Completing all 8 steps
4	FWUC establishment- Ta Kem	TBK		100%	747	302	Completing all 8 steps
5	FWUC establishment- Trapeang Tros	TBK		100%	580	277	Completing all 8 steps
6	FWUC establishment- Tbong Damrei	TBK	2022	63%	271	78	Completed step 6.1
7	FWUC establishment- Kampong Raing	TBK		50%	196	65	Completed step 4.2
8	FWUC establishment- Trapeang Beung	KPT		88%	1386	433	Starting in step 7
9	FWUC establishment- Kandorl	KPT		88%	597	231	Completed step 7
10	FWUC establishment- 5Kompheak	KCM		100%	746	221	Completed all steps
11	FWUC establishment- O'Kamprok	KCM		100%	455	166	Completed all steps
12	FWUC establishment- Pou Tatress	KCM		100%	603	153	Completed all steps
13	FWUC establishment- Prey Kdouch	TAK		100%	788	341	Completed all steps
14	FWUC establishment- Kraing Ampil	TAK		100%	424	178	Completed all steps
15	FWUC establishment- Plov Touk	TAK		100%	608	208	Completed all steps
16	FWUC establishment- Kwaeng Tayee	TAK		100%	586	213	Completed all steps
17	FWUC establishment- Prey Rumdeng	TAK		80%	346	116	Completed step 5
18	FWUC establishment-Bravoek Pong	KPT	2023	0%	0	0	Not started yet, waiting

19	FWUC establishment-Choam Taheung	TBK		0%	0	0	for additional budget .
20	FWUC establishment-Trapeang Ampil	TBK		0%	0	0	
21	FWUC establishment-Teuk Chhar West	KCM		0%	0	0	
22	FWUC establishment-Teuk Chhar East	KCM		0%	0	0	
23	FWUC establishment-Sdok Sab	TAK		0%	0	0	
24	FWUC establishment-Ta Oum	TAK		0%	0	0	
25	FWUC establishment-Prolay No. 42	TAK		0%	0	0	
26	FWUC establishment-Prolay No. 94	TAK		0%	0	0	
27	FWUC establishment-Pou Tasuy	TAK		0%	0	0	
	<b>Total</b>		<b>27</b>		<b>9,475</b>	<b>3,504</b>	<b>37% of women</b>

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

- During the reporting period the following activities were implemented:
- *Producing sample of operation and maintenance manuals;*
- *Reviewed subgroups, groups and FWUC of each irrigation scheme;*
- *The planning courses trained to O’Kamprok FWUC consisted of 23 trainees of whom 10 were women;*
- *The planning courses trained to Pou Tatress FWUC consisted of 52 trainees of whom 13 were women;*
- *Producing sample of operation and maintenance manuals;*
- *The minute taking record and report writing skill courses trained to Pou Tatress FWUC consisted of 54 trainees of whom 13 were women;*
- *The planning courses trained to 5 Kompeak FWUC consisted of 47 trainees of whom 15 were women;*
- *The minute taking record and report writing skill courses trained to 5 Kompheak FWUC consisted of 46 trainees of whom 15 were women;*
- *The minute taking record and report writing skill courses trained to O’Kamprok FWUC consisted of 24 trainees of whom 7 were women;*
- *The Role and responsibility, important operation Objectives and Overview of irrigation System courses trained to Trapeang Run FWUC consisted of 27 trainees of whom 10 were women;*
- *The Role and responsibility, important operation Objectives and Overview of irrigation System courses trained to Takoch FWUC consisted of 27 trainees of whom 7 were women;*
- *The Role and responsibility, important operation Objectives and Overview of irrigation System courses trained to Trapeang Beung FWUC consisted of 72 trainees of whom 18 were women;*
- *The Role and responsibility, important operation Objectives and Overview of irrigation System courses trained to Kandoal FWUC consisted of 29 trainees of whom 7 were women;*
- *The Scheme operational implementation and Cropping calendar courses trained to Trapeang Run FWUC consisted of 23 trainees of whom 6 women;*
- *The Scheme operational implementation and Cropping calendar courses trained to Takoch FWUC consisted of 27 trainees of whom 7 women;*
- *The minute taking record and report writing skill courses trained to Chrouk 1 + Plovtouk FWUC consisted of 53 trainees of whom 8 were women;*
- *The minute taking record and report writing skill courses trained to Kwaeng Tayee FWUC consisted of 43 trainees of whom 17 were women;*
- *The minute taking record and report writing skill courses trained to Prey Kdouch FWUC consisted of 46 trainees of whom 15 were women;*
- *The conflict resolution and leadership courses trained to Kraing Ampil FWUC consisted of 23 trainees of whom 8 were women;*

Table IV.11: Update Progress Training of 500 FWUC representatives in O&M of their system

N	Activities	Province names	Unit	Annual Target 2023	Actual progress Jan-Mar 2023	Cumulative progress by March 2023			Explanation if any
						# cou	Total	Fem.	
1	Administrative	TAK	Course	5	1	5	204	43	



2	Tasks	KPT		4	0	4	151	40	
3		KCM		3	0	3	110	30	
4		TBK		2	0	0	0	0	
	<b>Total</b>			<b>14</b>	<b>1</b>	<b>12</b>	<b>465</b>	<b>113</b>	
5	Communication skills	TAK	Course	5	1	5	204	43	
6		KPT		4	0	4	149	39	
7		KCM		3	3	3	110	30	
8		TBK		2	0	0	0	0	Not started yet
	<b>Total</b>			<b>14</b>	<b>4</b>	<b>12</b>	<b>463</b>	<b>113</b>	
9	Financial management/book keeping	TAK	Course	5	5	5	204	35	
10		KPT		4	4	4	149	39	
11		KCM		3	3	3	89	22	
12		TBK		2	0	0	0	0	
	<b>Total</b>			<b>14</b>	<b>12</b>	<b>12</b>	<b>442</b>	<b>109</b>	
13	Irrigation Service fee calculation	TAK	Course	5	3	3	103	32	
14		KPT		0					
15		KCM		3	3	3	127	41	
16		TBK		0					
	<b>Total</b>			<b>8</b>	<b>6</b>	<b>6</b>	<b>230</b>	<b>73</b>	
17	Planning	TAK	Course	5	5	5	201	49	
18		KPT		4	4	4	151	42	
19		KCM		3	3	3	122	38	
20		TBK		2		0	0	0	
	<b>Total</b>			<b>14</b>	<b>12</b>	<b>12</b>	<b>474</b>	<b>129</b>	
21	Minute taking and report writing	TAK	Course	5	5	3	138	40	
22		KPT		4	4	4	127	38	
23		KCM		3	3	3	124	35	
24		TBK		2		0	0	0	
	<b>Total</b>			<b>14</b>	<b>12</b>	<b>10</b>	<b>389</b>	<b>113</b>	
25	Conflict resolution	TAK	Course	5	1	1	23	8	
26		KPT		4	4	4	151	40	
27		KCM		3	3	0	0		
28		TBK		2	0				
	<b>Total</b>			<b>14</b>	<b>8</b>	<b>5</b>	<b>173</b>	<b>48</b>	
29	The Role and responsibility, important operation Objectives and Overview of irrigation System	TAK	Course	5		0	0	0	
30		KPT		4	4	4	155	42	
31		KCM		3	0	0	0	0	
32		TBK		2	0	0	0	0	
	<b>Total</b>			<b>14</b>	<b>4</b>	<b>4</b>	<b>155</b>	<b>42</b>	
33	Scheme operational implementation and Cropping calendar	TAK	Course	5	0	0			
34		KPT		4	4	2	50	13	
35		KCM		3	0	0			
36		TBK		2	0	0			
	<b>Total</b>			<b>14</b>	<b>4</b>	<b>2</b>	<b>50</b>	<b>13</b>	
	<b>Grand Total</b>			<b>120</b>	<b>63</b>	<b>75</b>	<b>2,841</b>	<b>752</b>	

#### Activity 2.d: Rehabilitation of 4 PADCs

104. For the 3 PADCs of AWP 2022 the 3 contract PADC training building with contract value of \$282,431.93 with physical construction progress 100% completed.

105. For the last PADC in Kampot province, the bid preparation not yet done due to the subproject not in the approved procurement plan. The PMU needs to updated procurement plan and request ADB NOL prior to bidding process).

#### Activity 2.e: Rehabilitation of 4 Agricultural Workshops

106. For the 3 Mechanization Workshops of AWP 2020 the physical works with a contract value



of \$186,530.61 the physical construction progress is 100% completed

107. For the fourth subproject for MEW Takeo, the bid preparation not yet done due to the subproject not in the approved procurement plan.

#### **IV.7. Output 3: Enabling Environment for Climate Smart Agri-business enhanced**

108. Under this output, the project will invest in the creation of an enabling policy and regulatory environment for agribusiness; the identification of opportunities for private sector engagement in climate change mitigation and adaptation and the provision of an improved climate information service to allow farmers to plan their cropping season. This output is supported by three main activities (i) formulating climate friendly agribusiness policy and standards (ii) promoting green finance and risk sharing mechanisms; and (iii) supporting climate risk management through information and communication technologies (ICT) that is not under CS2 contract. This will direct report by CS4 package which were mobilised early 2023.

##### **Activity 3.1: Formulating climate friendly agribusiness policy and standards**

109. The DMF targets for this activity are “3a. Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework focusing on agribusinesses formulated”, “3b. CAMGAP for tropical fruit and organic fertilizers endorsed as national standard for tropical fruit and organic fertilizers”; “3c. 50 staff, including 30% women, from financial institutions trained in CSA and green finance”; “3d. 30 agribusiness, including 30% women-led and or owned, trained on green finance and CSA”; “3e. 20,000 households, including 20,000 women, provided with information on climate risk sharing instrument”; 3f. ICT platform for climate friendly agribusiness established in Kampong Cham province”.

110. During the reporting period, the team worked with Department of Planning and Statistic (DoPS) and the Department of Agro-Industry (DoAI) to review existing relevant policy documents; and reviewed the proposed TOR for a policy study as follows;

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

111. CS2 has been liaising with the linked departments of MAFF and IAs to develop the Climate Smart Gender Responsive Agribusiness Guideline development for AWPB 2023. The problem is that the CS02 team have already used all PM but there is not much result.

Table IV.12: Update Progress of GR Agribusiness Policy formulation by 31 March 2023

N	Activities	Institutions	Unit	Annual Target 2022	Actual Progress in Oct-Dec 2022	Cumulative Progress By Dec 2022
	TOR draft	DPS	TOR	1	0	0.25

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

101. In AWPB 2023, the project will support the dialogues between public and private sectors through the crop centric PPP forum and feasibility studies within the project implementation. During the reporting period, there was no activities of this sector due to the Public Private Partnership Specialist has not input yet since November 2022. The submission to request NOL from ADB is on 21<sup>st</sup> October 2022.

Table IV.13: Update Progress of PPP Development by 31 March 2023

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

#### Additional, crop centric forum between producer groups and private partnership

102. Private sector participation in the agribusiness value chain need linkages between producers and processors or traders. The cumulative progress of this part, the PPP sector has developed the group establishment guideline to make sure the lines are as mentioned above. During the reporting period, the Public Private Partnership Specialist has not input yet since November 2022. The submission to request NOL from ADB is on 21<sup>st</sup> October 2022.

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

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

#### Sub-target: 3.b.1: Drafted Climate Smart Agriculture and Sustainable ice Platform Manually

113. Under this activity the CFAVC project will support MAFF to develop a Climate Smart Agriculture Policy based on experience of promoting CSA and SRP during Project implementation. This will necessarily be completed in the final years of the Project. Again, care needs to be taken to find out if any work on this has already been done by other donors (USAID, World Bank, FAO, IFAD, France and others) so as not to re-invent the wheel. During the reporting there were no activities as the DTL of CS02 resigned in April 2022 and has not been replaced yet.

Table IV.14: Update progress CSA and SRP Guideline Development by March 2023.

N	Activities	Institutions	Unit	Annual Target 2023	Actual Progress in Jan-Mar 2023	Cumulative Progress By Mar 2023
1	CSA Manual	MAFF/GDA	Manual	1	0	0
2	SRP Manual	MAFF/GDA	Manual	1	0	0

#### Sub-target 3.b.2: Crop Insurance guideline for enabling the environment of a climate-risk sharing mechanism.

114. Under this activity the CFAVC project will support MAFF to develop crop insurance guidance for enabling the environment of a climate-risk sharing mechanism based on experience of promoting green climate fund. The Deputy Team Leader responsible for the policy development resigned late April 2022 and has not been replaced yet

Table IV.15: Summary Progress Crop Insurance by March 2023.

N	Activities	Institutions	Unit	Annual Target 2023	Actual Progress in Jan-Mar 2023	Cumulative Progress By Mar 2023
1	Guidance Manuals	MAFF/GDA	Manual	1	0	0

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

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

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

Table IV.16: Update Progress of Development of CamGAP for Tropical Fruit by March 2023

N	Activities	Institutions	Unit	Annual Target 2022	Actual Progress in Jan – march 2023	Cumulative Progress by March 2023
	CamGAP for tropical fruit	GDA	Standard	1	0	0.5

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

105. To ensure the high quality of commercial products for biofertilizer and organic fertilizer on the market appropriately tested through the quality criteria provided while ensuring that farmers obtain only certified products and as well as aid the industry in the manufacture of quality of biofertilizer and organic fertilizer. These standards will also promote the safe use of biofertilizer and organic fertilizer through production chains and promote fair trade. During the reporting period, main result of achievement as the following:

- Develop the third draft of national biofertilizer after the first consultation workshop.
- Develop the Third draft of technical guideline and procedure for Lab ISO17025 after the first consultation.
- Continue to develop the draft SOP for quality testing of organic fertilizer and biofertilizer in Cambodia.

Table IV.17: Update Development standard of Biofertilizer development by March 2023

N	Activities	Institution	Annual Target 2022	Progress in Jan – March 2023	Cumulative Progress by March 2023
1	National standards of biofertilizer	GDA	1	0	0.75
2	Development of Standard Operation Procedure (SOP) for quality testing of biofertilizer.	GDA	1	0.	0.75
3	National Standard of Organic fertilizer	GDA	1	0	0.25
4	Development of Standard Operation Procedure (SOP) for quality testing of organic fertilizer	GDA	1	0	0.25

#### Sub-target 3.b.5: Development of IDP Strategies for climate friendly agribusiness

106. Driven by its long-term vision toward 2030, as expressed in the “**Rectangular Strategy – Phase III**”, the Royal Government of Cambodia (RGC) has prepared and adopted this “**Industrial Development Policy**” as a guide to promote the country's industrial development that will help maintain sustainable and inclusive high economic growth through economic diversification, strengthening competitiveness and promoting productivity.

107. CFAVC was followed up the integrated activities with Agro-Industry Development Plan in Cambodia 2019-2030 connected to IDP based on Project implementation Plan. During the reporting period, the Deputy Team Leader responsible for the policy development has not mobilized yet while the submission of application to ADB since 21<sup>st</sup> October 2022

#### Sub-target 3.b.6: National Policy and Standards on Biodigester Development

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

Table IV.18: Update Development National policy and standards by March 23

N	Activities	Institutions	Unit	Annual Target 2022	Actual Progress in Jan – March 2023	Cumulative Progress By March 23
	National standard of biodigester development	GDAH	Standard	1	0	0.30
	National Policy on biodigester development	GDHAP	Policy	1	0	1

#### Activity 3.2: Promoting green finance and risk sharing mechanism

109. The DMF targets for this activity are “3c. 50 staff, including 30% women, from financial institutions trained in CSA and green finance”, “3d. 30 agribusinesses, including 30% women-led and/or owned, trained on green finance and CSA,” and “3e. 20,000 households, including 20,000 women, provided with information on climate risk sharing instruments.” Furthermore, targets are defined in the PAM or have been requested by MAFF. In particular the requirement

to undertake feasibility studies for eight PPP projects as a mechanism to reduce producer risk.

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

110. During the reporting period, main achievement as the following:

- The project has been working with Association Bank of Cambodia (ABC) and Association of Micro Finance Institute (MFI) to identify and select 50 staff, including 30% women from 30 banks and 20 FMIs for training based on the training need assessment (TNA) on the green financing.
- Based on the survey results of the training need assessment in the report, 32% of total 24 respondents have green finance policy in place, 8% are in process of development whilst 60% doesn't have green finance policy yet. About 70.8% of the respondents have a limited understanding to develop green finance products and 29.20% have good understanding and applying the green finance principles within their institutions.
- The training topics deemed as important to strengthen the capacity of the ABC members. Apart from formal face to face and virtual training, other approach prosed in the report are study tour, sharing experiences and learning events through peer to peer learning platform.
- National Green Financing Specialist has started to collect data from Key stakeholder including Association Bank of Cambodia (ABC) such as Amrith, ACLEDA, FTB, ABA and Micro Finance Institute, Ministry of Environment, Mekong Strategy Partner and PPIU at two provinces Kampong Cham and Tbong Khmum province. Furthermore, the exposal visit of the PMU, Bank and MFI will fulfil gap in the report to national consultation which will take place in Q2 2023.
- The Project team met with team from the Mekong Strategy Partner, Department of Climate Change and Secretariat of National Council for Sustainable Development (NCSDD), ACLEDA Bank and Agriculture and Rural Development Bank(ARDB) to find out the role and responsible and how to cooperation to promote the Green Climate Fund in Cambodia.
- Organized and facilitated Training on Data entry and management of data system on Biodigester and compost hut at Kep Province. There are 29 persons of which 4 are females from PPIUs in four provinces was attended the training. It was focusing on the baseline of the project relate to carbon offset and climate change impacts and MAFF's targeting to reduce the GHG's emission in 2030.
- Eight meeting was conducted with PPIU at four provinces to discuss on the green financing, how to assess the green finance with the local bank identify the list of the potential bank at 4 provinces. There are 56 participants including 26 are women from PPIUs.
- The concept notes and drafted agenda for training to Banks and MFIs has been developed and conceded by PMU and waiting for budget available to deliver.
- Discuss on the mainstreaming Gender into the green project activities and reviews on the Gender Action Plan
- The Banks, and Micro Finance has been selected and conduct the Training Need Assessment (TNA) on the Green Finance, Institution strengthening to access, support the green project in Cambodia and list down all the green investment project relate to agriculture.

Table IV.19: Update Number of staff trained in CSA and GF by March 2023

N	Activities	Province	Unit	Annual Target 2023	Actual Progress in Jan – March 2023	Cumulative Progress per March 2023
	Staff trained in CSA and Green Finance	TAK	People	13	15	29
		KPT	People	13	12	26
		KPC	People	12	12	25
		TBK	people	12	17	30



<b>Total</b>	<b>50</b>	56	110
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#### Target 3.d: 30 agribusiness trained in CSA and Green finance

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

- The List of selected 30 Agriculture cooperative has been reviewed to matching with PPP target ACs to ensure that they are able to implement the green business project and access to green
- Training Need Assessment in the Green Finance Landscape report indicated that most of AC representatives have limited understanding on the root causes, effects and impact of the climate change and variability in the agriculture value chain.
- 12 training workshops on the green financing was provided to Agriculture Cooperatives (ACs) at target provinces Takoe, Kampot, Tbong Khmum and Kampong Cham province. There are 167 participants including 102 are women was attended the training.

Table IV.20: Update progress Number of agribusiness trained in CSA and GF by March 2023

N	Activities	Province	Unit	Annual Target	Actual Progress in Jan-Mar 2023	Cumulative Progress by 2022- Mar 2023
1	Agribusiness training in CSA and Green Finance	TAK	People	8	45	88
2		KPT	People	8	34	91
3		KPC	People	7	48	100
4		TBK	People	7	40	68
<b>Total</b>				<b>30</b>	<b>167</b>	<b>347</b>

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

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

- Identify the crop insurance company such as FORTE Insurance Company to understand on the requirement and climate risks to access the crop insurance.
- Meeting with crop insurance to organize a dissemination on the weather forecasting and crop insurance at target provinces.
- Conduct a meeting with PPIUs and AC to introduce the crop insurance concept and green project.

Table IV.21: Update Number of households received information on climate risk sharing implements

	Province	Annual Target 2022	Actual Progress in Jan-March 2023	Cumulative Progress By March 2023
1	Takeo	2,500	0	0
2	Kampot	2,500	0	0

3	Kampung Cham	2,500	0	0
4	Tebung Khnum	2,500	0	0
		10,000	0	0

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

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

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

**IV.8. Procurement Plan**

115. In the previous reporting period the procurement plan has not been updated.

**IV.9. Issues with Procurement of Good and Works and Performance of Suppliers, Manufacturers, and Contractors**

116. So far both tenders for the compost hut and bio-digester have failed for the following reasons:

- The very complex procurement requirements with a lack of qualified bidders, as a result of which the PMU suggested to the mission to simplify the procurement procedures. However, the Mission and MEF stressed that changing procurement method from NCB to shopping or community participation is not likely to help as management of multiple contracts with shopping and community participation is much more cumbersome than NCB given the high targets. The Mission and MEF suggested the team to revise the bidding document by revisiting qualification criteria and ensuring a wider publicity to attract more bidders. The Mission agreed with the proposal to revisit the cost estimates to include reasonable administration and overhead costs, and to expand the eligibility to include small commercial farms (with less than 100 animals per farm) in the next round of bidding.
- The last ADB review mission of November 2021 also noted the need for increasing subsidy in view of COVID-19, but subsidies should not distort the bio-digester market development in the country. The Mission suggested that the issue on subsidy may be further discussed at the PSC meeting in January 2022 and with GCF in July 2022 during mid-term review mission. However, these topics were not discussed during the PSC meetings and the Mid-term review mission has still not taken place

**V. COMPLIANCE WITH COVENANTS**

**V.1. Policy Loan Covenants**

The Project complied with all Sector / Policy Covenants

**V.2. Financial Covenants**

117. There have been no changes in circumstances that require a change in the risk assessment and action plans. The Covid -19 pandemic continues to hamper project implementation.

118. The project has been complying with the financial Covenants Financial Management Action Plan as shown in Annex 15.

119. In March 2023 the CFAVC project finances over the year 2022 were reviewed and the results will be made available end of June 2023.



### V.3. Safeguard Covenants

#### V.3.1. General

120. Progress with the screening of the social safeguard is very much behind schedule as shown in detail in Annex 8 for the following 3 reasons:

- Manpower shortages in the 2 CS packages CS 05 and CS01
- Manpower shortages at GDR for category B subprojects
- For category C irrigation projects the urgent need to immediately recruit an Independent Third Party Verification expert for Land donation (ITP). This activity was originally not foreseen in the PAM and budgeted in the cost-tab and also not in the AWP 2022.

#### V.3.2. Social Safeguards Adherence

##### V.3.2.1. MAFF Program

###### a. Safeguard Screening Documentation

121. The safeguard screening requirements for MAFF concern the ACS, the bio-digesters and the PADC and workshops with details shown in Table V.1

##### AWP 2020 program

- The DDR for the 3 Mechanization Engineering Workshop (KPT, KPC and TBK) and the 3 Provincial Agricultural Development Center (PADC) were covered in one DDR which was approved by the ADB on 30 July 2021. There were no issues related to social safeguards during the construction.
- The DDR for the 20 units of AC Storages/ Warehouses of AWP 200 in 4 provinces (5 in each province) was approved by ADB on 25 June 2021 and during the construction there were no any issue related to the social safeguards.
- The DDR for the AWP2021 program of 35 units of AC Storages / warehouses (8 in KPT, 13 in Takeo, 10 in TBK and 4 in KPC) is currently in process.
- The DDR for the first 500 Bio-digesters and 250 Compost Huts in 4 provinces was firstly submitted to the early May 2022 and after receipt of some ADB comments resubmitted to ADB in the 2<sup>nd</sup> week of December. Currently the document is still being reviewed by ADB social safeguards team.

##### AWP 2021 program

- For the AWP2022 program of 35 units of AC storages/warehouses and currently it is under the review by ADB, and another separated DDR covers of 12 units was submitted to ADB by 2<sup>nd</sup> week of December 2022, it is being reviewed by ADB.
- The DDR-2 for a total of 20 agricultural cooperatives (AC) with 20 units of storages/warehouses is already approved by ADB and uploaded in ADB website in August 2021 (<https://www.adb.org/projects/documents/cam-48409-002-sddr-1>), this DDR covering of Warehouse/Storage (5 subprojects/province) KPT, TK, KPC & TBK.

Table V.1: Social Safeguard Documentation Sub-projects MAFF

No	Subprojects and Social Safeguards Report	Status up to End of March 2023
1	Construction of Training Building for Provincial Agriculture Development Center (PADC) and Equipment in Takeo province, Tbong Khmum province, Kampong Cham province	DDR approved by ADB on 30 Jul 2021.
2	Construction of Mechanization Engineering Workshops in Kampot Tbong, Kampong & Kampong Cham provinces	

3	Construction of AWP 2020 program of 20 Agricultural Cooperative Storage/Warehouse in Kampot, Takeo, Kampong Cham & Tbong Khmum (5 units each province)	DDR approved by ADB on 25 Jun 2021
4	Construction of 35 AWP2021 Agricultural Cooperative Storage/warehouse 35 Units in Kampot, Takeo, Kampong Cham and Tbong Khmum	In progress
5	Installation and Commissioning of 500 Biodigesters and 250 Compost Huts in Kampot, Takeo, Kampong Cham & Tbong Khmum	Submitted to ADB in 4 <sup>th</sup> week of Jul 2022 (25 <sup>th</sup> ) and resubmitted to ADB in 2 <sup>nd</sup> week of December 2022, currently it is reviewed by ADB social safeguards team
6	Construction of Agricultural Cooperative Storage/warehouse 12 Units in Kampot, Takeo, Kampong Cham and Tbong Khmum	Submitted to ADB in 2 <sup>nd</sup> week of December 2022, currently it is reviewed by ADB

### **b. Actual Implementation**

122. Annex 9 shows the adherence of the MAFF program to the 3 safeguard requirements.

### **V.3.2.2. Irrigation and Ponds Program**

#### **a. Safeguard Screening Documentation**

123. The current status of safeguard documents preparations for all irrigation subprojects are as following:

- a) Of the 9 irrigation sub-project of AWP 2020 8 irrigation subprojects are classified as category C for IR while another subproject namely (Trapeang Tros) was classified as Cat B. For the 8 class C subprojects a total of 3 DDRs were prepared while for the category B subproject a DRP was prepared. The first DDR, covering only the Trapeang Run, was approved by ADB and uploaded in the ADB website "<https://www.adb.org/projects/documents/cam-48409-002-sddr-2>". The second DDR, covering 2 irrigation subprojects (Toul Pring and Kbal Tuek) was also already approved by ADB and uploaded in their website "<https://www.adb.org/projects/documents/cam-48409-002-sddr>". For the 3<sup>rd</sup> DDR covering the Prey Kdouch and Kraing Empil subprojects the DDR has already approved by ADB and uploaded in the ADB website <https://www.adb.org/projects/documents/cam-48409-002-sddr-3>. The DRP report for the category B sub-project Trapeang Tros irrigation subproject in TBK is currently being reviewed by ADB, submitted from GDR in 2<sup>nd</sup> week of Jun 2022, other two DDRs (1 DDR covers Takoch scheme in Kampot and another 1 DDR covers Pram Kumpheak and O'kamprok which are currently under the review by ADB social safeguards team.
- b) DDR reports for the Prey Kdouch and Kraing Empil are being prepared by the CS01
- c) The DDR reports of 2 subprojects in Kampong Cham, namely O'kamprok and Pram Kumpheak (CW14-B and CW14-A), are currently being reviewed by ADB in late December 2022.

124. Irrigation sub-projects 2022

- a) CFAVC-MOWRAM-KPT-CW12.2 covers 3 subprojects namely 1) Kandoal Feeding Canal, 2) Bravoek Pong Reservoir Scheme and 3) Trapeang Boeung Reservoir Scheme located in Kampot.
- b) CFAVC-MOWRAM-TBM-CW13.2 covers 2 subprojects namely 1) Tboung Damrei Reservoir Scheme and 2) Kampong Raing Feeding Canal located in Tboung Khmum.

Table V.2: Social Safeguard progress Status Irrigation Sub-projects

No.	Subproject Name	Province	Status FS and DED	Current Implementation Status
AWP 2020 program				
1	Trapeang Run Reservoir Scheme	Kampot	Completed	Completed civil work
2	Kbal Teuk Reservoir Scheme	Tboung Khmum		Ongoing civil works
3	Tuol Pring Reservoir Scheme			Ongoing civil works
4	Trapeang Tros Reservoir Scheme			Ongoing civil works
5	Pram Kompheak Reservoir Scheme	Kampong Cham		DDR approved by ADB Dec 2022
6	O'kamprok Feeding Canal			Completion report is being prepared by CS01
7	Prey Kdoch Reservoir Scheme	Takeo		Completion report is being prepared by CS01
8	Kraing Empil Reservoir Scheme			DDR approved by ADB 1 <sup>st</sup> week of Dec 2022
9	Takoch Reservoir Scheme	Kampot		DDR approved by ADB 1 <sup>st</sup> week of Dec 2022
AWP 2021 program				
10	Kandoal Feeding Canal	Kampot	Apr 22 & Prepared Biding Doc	Screening process by CS5
11	Bravoek Pong Reservoir Scheme			
12	Trapeang Boeung Reservoir Scheme			
13	Tboung Damrei Reservoir Scheme	Tboung Khmum	Feb 22 Under Bidding Process	Screening process by CS5
14	Kampong Raing Feeding Canal			
15	Teuk Char West Reservoir Scheme	Kampong Cham	Sept-Dec 22	Handed over to ITP for Validation 30 Jan. 23
16	Po Tatress Reservoir Scheme			
17	Chrouk1 + Phlov Touk Feeding Canal	Takeo	May-Jun 22	Handed over to ITP for Validation 30 Sept 22
18	Prey Romdeng Feeding Canal			
19	Kwaeng Tayee Feeding Canal			
AWP 2022 program				
20	Trapeang Ampil Reservoir Scheme	Tboung Khmum	Feb-Mar 23	Plan to be completion and submitted to ITP by 30 May 2023
21	Choam Taheung Reservoir Scheme			

No.	Subproject Name	Province	Status FS and DED	Current Implementation Status
22	Teuk Char East Reservoir Scheme	Kampong Cham	Jan-Feb 23	Handed over DDR to ITP by 30 March 23
23	Pralay 95 Feeding Canal	Takeo	Jul-Aug 22	Handed over the DDR to ITP by 30 November 22
24	Pralay 42 Feeding & pumping Station			
25	O' Rumdoul Reservoir Scheme	Takeo	Apr-May 23	Handed over the DDR to ITP by 30 July 23
26	Sdok Sab Reservoir Scheme			
27	Pou Tasuy Reservoir Scheme			

### **b. Actual Implementation**

125. Annex 8 shows the adherence of the irrigation program to the 3 safeguard requirements.

### **V.3.2.3. Farm Road Program**

#### **a. Safeguard Screening Documentation**

126. The current status of safeguard documents preparations for all road subprojects are as following:

Table V.3: Social Safeguards Preparation status farm Road program AWP 2020

No	Province	Subproject name	Subproject No.	KM	IR/IP Categorization	Status 31 March 2023
1	Kampot	Chhouk-Chum kiri-Chres- NR No. 3	CW17a-CFAVC-MRD-KP-1-2020	11.90	Cat C, and the DDR is being process to get approval from ADB	<ul style="list-style-type: none"> <li>Got NOL from ADB and uploaded in ADB WWW on Aug 22 2022 (see bellow link)</li> <li><a href="https://www.adb.org/projects/documents/cam-48409-002-sddr-5">https://www.adb.org/projects/documents/cam-48409-002-sddr-5</a></li> </ul>
2		Wat Toul Phcheuk- NR No. 41	CW17a-CFAVC-MRD-KP-2-2020	6.39		
3	Tboung Khnum	RN73- Khcheay-Wat Thmey	CW17c-CFAVC-MRD-TBK-5-2020	9.74	C	<ul style="list-style-type: none"> <li>This DDR was already uploaded in the ADB website in March 2022. The contractor has started the civil work. The Next SMR will describe in more details.</li> </ul>
4		Ta Pao-Sangkum Meanchey	CW17c-CFAVC-MRD-TBK-6-2020	12.00		
5	Kampong Cham	Toul Prak-Sambo-Sopheas	CW17d-CFAVC-MRD-KPC-7-2020	9.98	B	<ul style="list-style-type: none"> <li>NOL from ADB on 12<sup>th</sup> Apr 2022 (signed contract on 09 May 2022)</li> <li>NOL on Green zone by 22<sup>nd</sup> August 2022</li> <li>DRP was already uploaded in the ADB website in March 2022</li> <li>Compensation payment was already made</li> <li><a href="https://www.adb.org/projects/documents/cam-48409-002-">https://www.adb.org/projects/documents/cam-48409-002-</a></li> </ul>
6		Sopheas-Anglol-O'Beng	CW17c-CFAVC-MRD-KPC-8-2020	4.32		

						sddr-4
7	Takeo	Phlov Lek 122 (Khlung Tvea Wat Totea)- Phlov Tonle Bati	CW17b-CFAVC-MRD-TK3-2020	10.00	B	<ul style="list-style-type: none"> <li>The civil works are ongoing</li> </ul>
8		Wat Ang Andaet-Rumchek-Kraing Ampil	CW17b-CFAVC-MRD-TK4-2020	4.67		

Table V.4: Social Safeguards Preparation status farm Road program AWP 2021

No	Province	Sub Project Name	Sub Project Number	Package No.	Scope of Works	Length	AC name	Status
1	Sub-Total Kampot	National road No 33-Wat Damnak Trayeung	CW17a-CFAVC-MRD-KP-01-2021 (10)	1	Rural Road improvement (DBST)	5.310	Sen Han Chamroeun phal	DRPs are being prepared by GDR with support from CS5 social safeguards specialists
2		Wat Sovan Cholsar-O'Kandoal	CW17a-CFAVC-MRD-KP-02-2021 (18)	2	Rural Road improvement (DBST)	6.440	Ratanak Polroth Samaki	
3		Prey Kraing Khang Cheung-Trapeang Chhuk-Spean Damnak Sokrom	CW17a-CFAVC-MRD-KP-03-2021(19)	3	Rural Road improvement (DBST)	6.600	Prey kraing Meanrith	
4		NR No.41-Snay Anhchet-Thlok Yul	CW17a-CFAVC-MRD-KP-04-2021 (KP9)	4	Rural Road improvement (DBST)	3.830	Samaky Amatak	
<b>Sub-Total Kampot</b>						<b>22.180</b>	<b>4.00</b>	
5	Takeo	Chi Moreas-Tapao	CW17b-CFAVC-MRD-TK01-2021 (22)	10	Rural Road improvement (DBST)	5.400	Kampeng Soksen Sambo	DRPs are being prepared by GDR with support from CS5 social safeguards specialists
6		Phlov Lek 132 – Phum Ang Trao – Phum Steung	CW17b-CFAVC-MRD-TK02-2021 (11)	6	Rural Road improvement (DBST)	8.250	Samaky Trapaing Kralanh	

7		NR No. 3- Trao Aem- Phum Steung	CW17b- CFAVC- MRD- TK03- 2021 (12)	6	Rural Road improvement (DBST)	5.800	Baksey Rikreay	
8		NR No. 3- Yeay La- Trapeang Chak	CW17b- CFAVC- MRD- TK04- 2021 (21)	10	Rural Road improvement (DBST)	3.400	Samaki Trapeang Chak	
9		Trapeang Srangae- Ang Thnoat Khang Lech	CW17b- CFAVC- MRD- TK05- 2021 (20)	10	Rural Road improvement (DBST)	4.050	Trapeang Srange	
<b>Sub-Total Takeo</b>						<b>26.900</b>	<b>5.00</b>	
10	Tboung Khmum	Plov Wat Chroul- Chamkar Ko- Kbal Thnal	CW17c- CFAVC- MRD- TBK-01- 2021 (13)	7	Rural Road improvement (DBST)	8.150	Samaki Meanchey	DRPs are being prepared by GDR with support from CS5 social safeguards specialists
11		NR No.73- Sralab- Phum Smounh	CW17c- CFAVC- MRD- TBK-02- 2021 (14)	7	Rural Road improvement (DBST)	5.500	Lngieng Meanchey	
12		Wat Ang keng- Phum Samreuy	CW17c- CFAVC- MRD- TBK-03- 2021 (23)	11	Rural Road improvement (DBST)	4.900	Samaki Kak	
13		NR No.73- Kok Srok	CW17c- CFAVC- MRD- TBK-04- 2021 (15)	7	Rural Road improvement (DBST)	2.830	Baitong Kok Srok	
14		Phlov Phum Popel	CW17c- CFAVC- MRD- TBK-05- 2021 (25)	11	Rural Road improvement (DBST)	1.450	Akphirik Ponhea Kraek Dambae	
15		NR No.7 – Andoung Chrung	CW17c- CFAVC- MRD- TBK-06- 2021 (26)	11	Rural Road improvement (DBST)	3.800	Ponhea Kraek Rongroeng	
16		Toul Chan- Khong Pralay	CW17c- CFAVC- MRD- TBK-07- 2021 (24)	11	Rural Road improvement (DBST)	2.820	Popel Meanchey	

		<b>Sub-Total Tbong Khmum</b>			<b>29.450</b>	<b>7.00</b>		
17	Kampong Cham	Andoung Snay-Sdok Thom	CW17d-CFAVC-MRD-KC-01-2021 (27)	12	Rural Road improvement (DBST)	3.930	Akphivath Multhan Yeung	DRPs are being prepared by GDR with support from CS5 social safeguards specialists
18		Trapeang Kor (NR6)- Trapeang Thmar	CW17d-CFAVC-MRD-KC-02-2021 (28)	12	Rural Road improvement (DBST)	5.500	Akphikwat Kaksikor	
19		Pou Sala Ti Mouy (NR70)- Sach Sour	CW17d-CFAVC-MRD-KPC-03-2021 (17)	8	Rural Road improvement (DBST)	5.040	Punlork Thmey	
20		Ampil Thum (No.7)- Sangkae	CW17d-CFAVC-MRD-KC-04-2021 (16)	8	Rural Road improvement (DBST)	7.770	Samaki Baray Andong Aang	
		<b>Sub-Total Kampong Cham</b>			<b>22.240</b>	<b>4.00</b>		
		<b>Grand total Batch II</b>			<b>100.770</b>	<b>20.00</b>		

Table V.5: Social Safeguards Preparation status farm Road program AWP 2022

No	Province	Sub Project Name	Scope of Works	Length	AC name	Status
1	Kampot	Prey Chheu Nieng - Ponhea Angkor	Rural Road improvement (DBST)	12.379	Pohna Angkor Chamreaun Chey	Category B GDR conducting DMS
<b>Sub-Total Kampot</b>				<b>12.379</b>		
2	Takeo	Trapeang Pring - Cheav Bdei Khang Kaeut	Rural Road improvement (DBST)	5.550	Kiri Udom Ta Ou	Category B GDR conducting DMS
3		Trapeang Trakiet - Svay Prey	Rural Road improvement (DBST)	9.012	Udom Sorya	
4		Prey Kduoch - Phlov Louk	Rural Road improvement (DBST)	6.501	Samaky Meanchey	
5		Khnach Khang Tboung - Bei Pey	Rural Road improvement (DBST)	6.630	Ponleu Kasekor	
6		Daeum Thlok - Prey Nhuek	Rural Road improvement (DBST)	5.215	Phum Boeng Amatak	
7		Ta Mau - Trapeang Vihear	Rural Road improvement (DBST)	6.052	Choeung Kuon Chok Chey	
<b>Sub-Total</b>				<b>38,915</b>		



8	Tboung Khmum	Chey Nikom - Char Stueng Ta Thok	Rural Road improvement (DBST)	5.621	Chey Nikum Meanchey	Category B  DRPs are being prepared by GDR with support from CS5 social safeguards specialists
9		Seda Sen Chey - Rum Peak 2	Rural Road improvement (DBST)	7.615	Seda Meanchey	
10		Sen Prapey - Kampey	Rural Road improvement (DBST)	2.000	Romchek Meanchey	
11		Dar Phsar - Spean	Rural Road improvement (DBST)	6.570	Dar-Memot Pepper	
<b>Sub-Total</b>				<b>21,806</b>		
12	Kampong Cham	Tumpor - S'ang	Rural Road improvement (DBST)	3.714	Akpiwat Srok Yoeung	Category B  DRPs are being prepared by GDR with support from CS5 social safeguards specialists
13		Kandal Khnhoung - Angkor Chey Leu	Rural Road improvement (DBST)	4.506	Sammky Mohakhnhoung	
<b>Sub-Total</b>				<b>8,220</b>		
				<b>81,320</b>		

### ***b. Actual Implementation***

127. Annex 8 shows the adherence of the farm road program to the 3 safeguard requirements.

#### ***V.3.3. Environmental safeguard IEE Preparation and submission status***

##### ***V.3.3.1. Preparation of IEE documents***

128. This reporting period no developments to report.

##### ***V.3.3.2. Adherence to application EMP***

Reference is made to Annex 9.

#### ***V.3.4. Gender Action Plan Implementation***

##### ***V.3.4.1. General***

129. Annex 10 on GAP implementation shows more details.

##### ***V.3.4.2. Gender Value Chain Study***

130. No progress to report.

#### ***V.4. Other Covenants***

131. The project has been complying with all other covenants as mentioned in the loan and grant agreements such as the production of O&M plans for all output 1 activities.

## **VI. MAJOR PROJECT ISSUES AND PROBLEMS**

132. The remaining low speed of the social safeguard screening of all civil works programs (farm-road, irrigation and the MAFF Civil work program) remains to slow down the implementation

speed of the CFAVC project enormously, with as result that the irrigation and road programs are still working on the AWP 2020 and AWP 2021 subprojects. The main causes for this are: 1) insufficient TA resources 2) insufficient resources for social safeguard primary data and 3) long time of processing and payment of land compensation by GDR and 4) slow recruitment of the ITP TA package, which was not foreseen in the original procurement plan and cost - estimate.

133. The Ukraine war, which started late February 2022, has caused a worldwide inflation and increase in energy prices which has also led into an increase in construction costs for the CFACF project. The impact of these increases are as follows: a) for all tenders which took place before the start of the war with implementation to take place after the start of the war, the contractors will have difficulties to implement the works with the increased construction costs as these contracts do not have an escalation clause and b) for all contracts to be tendered after late February the construction costs will be more than foreseen in the CFAVC costtab.
134. The AWP 2023 has still not been approved by the MAFF Department.
135. The program for renewable energy needs to be reformulated both in terms of target and implementation method.
136. Due to the 18-month extension of the CFAVC project additional funds are required for the extension of the PMU and PPIU operation and of the CS01 PIC consultants.
137. An update of the MAFF and MOWRAM sections of the procurement plan are very urgent now for the following reasons:
  - for MAFF to include the additional PADC and Agricultural workshop and increased unit-rates for many activities including land levelling
  - for MOWRAM to include the activity to recruit ITP services for the category C irrigation projects of AWP 2021 and AWP 2022;
138. The extremely lengthy process of procurement process of the CS03 consultant is still ongoing and is seriously delaying the implementation of some activities of Output 2.
139. The low TA PM allocations for packages CS01, CS02 and CS05, which have resulted in nearly all positions being intermittent are another reason for the slow implementation of the CFAVC project, also because of the relatively high staff-turnover
140. The long period it has taken to process the contract variations for the additional services for CS01 and CS02 has had a negative impact on project implementation.



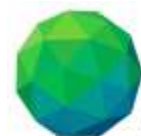
MAFF



MOWRAM



MRD



GREEN  
CLIMATE  
FUND

## ANNEX 1: Important Correspondence January – March 2023

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH

*Prepared by*

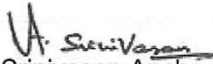



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To:	Dr. Sam Chhom Sangha Project Director and Deputy Secretary General Ministry of Agriculture, Forestry and Fisheries Phnom Penh, Cambodia	Date:	16 January 2023
Originator:	 Srinivasan Ancha Principal Climate Change Specialist, SEER	Endorsed by:	For:  Aliya Mukhamedyarova Unit Head, Project Administration, SEER

**Subject: Grant 0579 CAM: Climate-Friendly Agribusiness Value Chains Sector Project**  
**– Signed Contract with the Consulting Firm to develop the ICT Platform for Climate Risk Management in Agribusiness Value Chains in Kampong Cham Province (Package No.: CS4)**

Dear Dr. Sangha:

This refers to the contract signed with the **Resources Development Consultants (Pvt) Ltd. in joint venture with Genesis Software (Pvt) Ltd., and in association with CAM-CSTR Co., Ltd** to provide consulting services for the Information and Communication Technology (ICT) Platform for Climate Risk Management in Agribusiness Value Chains in Kampong Cham Province.

We have reviewed the signed contract and confirm that the signed contract largely followed the draft contract attached to the issued request for proposal but clauses 43.1 and 43.2 of the special conditions of the contract (SCC) were deleted. We noted that the clauses were deleted because the ones included in the draft contract are applicable only when a consultant is not tax-exempt, and the executing agency (the “client”) shall reimburse taxes to the consultant.

Since SCC 41.2 stated that the consultant shall be exempt from local taxes, please update the second paragraph SCC 41.2 to read as follows: *“Government warrants that under this contract, the Consultant shall be exempt from any local taxes, under the applicable law, on the Consultant. Should this not be the case, the Government shall pay on behalf of the Consultant such as taxes and duties in accordance with GCC 43.2.”*

Please re-insert the SCC 43.1 and 43.2 with the following clauses on taxes and duties:

**Taxes and Duties**

*The Client warrants that the Consultant, the Sub-Consultants, and the Experts shall be exempt from any local indirect taxes and other local taxes in accordance with GCC 43.2, duties, fees, levies, and other impositions imposed, under the applicable law in the Client’s country, on the Consultant, the Sub-Consultants and the Experts in respect of:*

- (a) any payments whatsoever made to the Consultant, Sub-Consultants and the Experts (other than nationals or permanent residents of the Client’s country), in connection with the carrying out of the Services;*

- (b) *any equipment, materials, and supplies brought into the Client's country by the Consultant or Sub-Consultants for the purpose of carrying out the Services and which, after having been brought into such territories, will be subsequently withdrawn by them;*
- (c) *any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the Client and which is treated as property of the Client; and*
- (d) *any property brought into the Client's country by the Consultant, any Sub-Consultants or the Experts (other than nationals or permanent residents of the Client's country), or the eligible dependents of such experts for their personal use and which will subsequently be withdrawn by them upon their respective departure from the Client's country, provided that:*
  - (i) *the Consultant, Sub-Consultants, and Experts shall follow the usual customs procedures of the Client's country in importing property into the Client's country; and*
  - (ii) *if the Consultant, Sub-Consultants or Experts do not withdraw but dispose of any property in the Client's country upon which customs duties and taxes have been exempted, the Consultant, Sub-Consultants or Experts, as the case may be, (a) shall bear such customs duties and taxes in conformity with the regulations of the Client's country, or (b) shall reimburse them to the Client if they were paid by the Client at the time the property in question was brought into the Client's country.*

The above updates are to provide clarification on how tax exemption will be applied and are considered minor. Following this, we have issued the EA-administered contract number 0016 for **\$1,694,111, exclusive of local taxes.**

We look forward to receiving the updated SCC for our project files. Your continuous support is greatly appreciated.



Sincerely,

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





ASIAN DEVELOPMENT BANK  
6 ADB Avenue, Mandaluyong City  
1550 Metro Manila, Philippines  
Tel +63 2 632 4444  
www.adb.org

To:	H.E. Chann Sinath Secretary of State Ministry of Water Resources and Meteorology (MOWRAM) and Project Director, CFAVC Phnom Penh, Cambodia	Date:	18 January 2023
Originator:	 Srinivasan Ancha Principal Climate Change Specialist, SEER	Endorsed by:	 For Aliya Mukhamedyarova Unit Head, Project Administration, SEER

**Subject: Loan 3661/8346 and G0579 CAM: Climate-Friendly Agribusiness Value Chains Sector Project**  
– **No-Objection Letter to the (a) Social Due Diligence Report for the Rehabilitation of O'Kamprok and Pram Kompheak Irrigation Subproject in Kampong Cham Province (Package No.: CFAVC-MOWRAM-KPC-CW14.1) and (b) Initial Environment Examination Report for the Rehabilitation of the Takoch Irrigation Subproject in Kampot Province (Package No. CFAVC-MOWRAM-KPT-CW12.1)**

Dear H.E. Chann Sinath:

This refers to the revised due diligence report (DDR) for rehabilitation of the O'Kamprok and Pram Kompheak Irrigation subproject in Kampong Cham Province. We thank you for incorporating the comments and suggestions made on the final version sent to us on 14 December 2022.

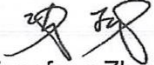
Prior to the start of the construction, please ensure that:

- All 19 vulnerable affected households / 111 affected persons are paid compensation at full replacement cost following the land acquisition and resettlement framework and cost calculation provided in this DDR.
- The project implementation unit, with support from safeguards consultants, would properly instruct the contractor not to conduct any civil works for the section PK 0+150 to 0+200 (R), where the land is being used by Mr. Chhoun Chhoam. This is to avoid the land use claim from that user under the agreement in this DDR and to update its status in the semi-annual social safeguards monitoring report.
- Additional consultation meeting(s) is/are conducted to inform local authorities and local communities, especially in ensuring that the affected households and asset donors understand the construction schedule to allow them to harvest their crops properly.



We also provide our no-objection to the initial environmental examination report for the rehabilitation of the Takoch Irrigation subproject in Kampot Province (Package No. CFAVC-MOWRAM-KPT-CW12.1). Both reports are disclosed on ADB's website.

Sincerely,



Jiangfeng Zhang

Director

Environment, Natural Resources and Agriculture Division

Southeast Asia Department

cc:

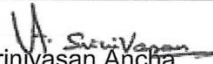
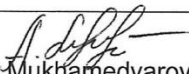
H.E. Vongsey Vissoth, Minister attached to the Prime Minister and Permanent Secretary of State,  
Ministry of Economy and Finance (MEF)  
H.E. Hem Vandy, Secretary of State, Ministry of Economy and Finance (MEF)  
H.E. Pen Thirong, Under Secretary of State, MEF  
H.E. Chhuon Samrith, Director General,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

Ref: Doc log no. 48409-002\_113  
SA/kc

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
First Quarterly Progress Report 2023: January - March



Page 1 of 2

To:	Dr. Sam Chhom Sangha Project Director, CFAVC Deputy Secretary General Ministry of Agriculture, Forestry and Fisheries Phnom Penh, Cambodia	Date:	3 February 2023
Originator:	 Srinivasan Ancha Principal Climate Change Specialist, SEER	Endorsed by:	 Aliya Mukhamedyarova Unit Head, Project Administration, SEER

**Subject: Loans 3661/8346 and G0579 CAM: Climate-Friendly Agribusiness Value Chains Sector Project – Contract Variation no. 14: Increase in Contract Amount and Replacements of Various Experts under the Agriconsulting Europe SA in Joint Venture with SBK Research and Development Consulting Firm (Package CS1)**

Dear Dr. Sangha:

We have reviewed the proposed contract variation no. 14 with Agriconsulting Europe SA in Joint Venture with SBK Research and Development Consulting Firm (Package CS1) to

- adjust experts' inputs with a net increase of 107.4 person months (p-m) from 774.0 (p-m) to 881.4 (p-m);
- replace the following national consultants, due to resignations or other commitments, effective upon signing of the variation:

Positions	Old Expert	New Expert
Project Management & Rural Infrastructure Specialist/DTL MRD	Mr. Phai Sokheng	Mr. Keo Chandara
Procurement Specialist – MAFF	Mr. Chan Sinet	Mr. Bun Sangvar
Water Management & Irrigation Engineer – Kampong Cham province	Mr. Vong Dara	Mr. Smann Vannimith
Water Management & Irrigation Engineer – Tboung Khmum province	Mr. Din Sovanthara	Mr. Hem Samott
Water Management & Irrigation Engineer – Takeo province	Mr. Heng Sok Kong	Mr. Kong Sothak
Cooperative Storage & Roads Engineer – Kampot province	Mr. Vong Sophea	Mr. Vuth Sivorn
Cooperative Storage & Roads Engineer – Takeo province	Mr. Khiev Sopha	Mr. Heng Sok Kong
National Monitoring and Evaluation Specialist	Mr. Prum Vothna	Mr. Chhim Chhun

SA/kc

- c. include a database manager under the out-of-pocket expense as part of office operations, to help with the data keeping for the project;
- d. adjust the out-of-pocket expenses as reflected in the revised cost estimate in Attachment 1; and
- e. replace the current cost estimate with the cost estimate attached to this letter (Attachment 1)

Above changes will increase the total contract amount by \$221,729 from **\$4,158,200 to \$4,379,929**. The increase represents 5% of the original contract amount and is a result of additional inputs required to undertake extensive review of subproject documents, and safeguards. There is no change in the unit of remuneration nor in the unit cost of the out-of-pocket expenses. Other provisions of the contract shall remain the same including the contract closing date on 30 September 2024.

Overall, we have no objection to the proposed variation and cost adjustments provided that the provisions for air travel be retained as payable "at cost". We confirmed that the proposed replacements have equal qualifications as previous experts. We remind the consulting firm to avoid frequent replacements of experts to ensure that project implementation is not delayed, and institutional knowledge is preserved.

We look forward to receiving the signed contract variation 14. Your continuous support is greatly appreciated.

Sincerely,

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

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

Ref: Doc log no. 48409-002\_117



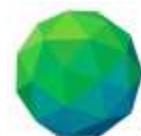
MAFF



MOWRAM



MRD



GREEN  
CLIMATE  
FUND

## ANNEX 2: Physical Progress January – March 2023

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH

*Prepared by*



AGRICONSULTING EUROPE SA

*in JV with SBK Research and Development*



	A	B	C	D	E	F	G	H	AP	AQ	AR	AS	AT	AU	AV	AW	AX
4																	
5	ACTIVITY	SUBACTIVITY	UNIT	DMF SCORE	OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Progress in Sept 2022			Progress Dec 2022			Progress March 2023			
6								Current Progress %	Accumulated Prograss	Weighted Progress (%)	Current Progress %	Accumulated Prograss	Weighted Progress (%)	Current Progress %	Accumulated Prograss	Weighted Progress (%)	
7								8	(A)	(B)	(C)	(D)	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F
9	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	27.00	0.75	100.00	27.00	0.75	100.00	27.00	0.75
10			Step 1B Feasibility Study incl safeguards	Schemes		27	10	1.5	44.44	12.00	0.67	48.15	13.00	0.72	70.37	19.00	1.06
11			Step 2 Topographic Survey	Ha		15,000	10	1.5	83.33	12,500.00	1.25	86.67	13,000.00	1.30	90.00	13,500.00	1.35
12			Step 3 + 4DED & Tender file	Ha		15,000	10	1.5	60.00	9,000.00	0.90	66.67	10,000.00	1.00	83.33	12,500.00	1.25
13			Procurement	Ha		15,000	5	0.75	18.33	2,750.00	0.14	21.67	3,250.00	0.16	21.67	3,250.00	0.16
14			Rehabilitated & Climate resilient	Ha		15,000	55	8.25	6.67	1,000.00	0.55	8.00	1,200.00	0.66	12.33	1,850.00	1.02
15			O&M	Schemes		27	5	0.75	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
16			<b>Sub-total</b>						100	15			4.25			4.59	
17	1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	Identification of ponds	no	5	800	7.5	0.375	32.50	260.00	0.12	32.50	260.00	0.12	34.88	279.00	0.13
18			Farm identification for drip system	no		15	2.5	0.125	13.33	2.00	0.02	13.33	2.00	0.02	100.00	15.00	0.13
19			DED Ponds	no		800	20	1	31.25	250.00	0.31	35.00	280.00	0.35	34.88	279.00	0.35
20			DED Drip system	no		15	5	0.25	13.33	2.00	0.03	13.33	2.00	0.03	13.33	2.00	0.03
21			Procurement & Implementation ponds	no		800	50	2.5	0.00	-	0.00	0.00	-	0.00	6.25	50.00	0.16
22			Drip systems installation	no		15	15	0.75	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
23			<b>Sub-total</b>						100	5			0.48			0.52	
24	1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	Step 1A: Identification	km	15	250	5	0.75	108.80	272.00	0.82	108.80	272.00	0.82	108.80	272.00	0.82
25			Step 1B Feasibility Study incl Safeguards	km		250	10	1.5	28.40	71.00	0.43	28.40	71.00	0.43	108.80	272.00	1.63
26			Step 2:Topographic Survey	km		250	10	1.5	107.17	267.92	1.61	107.17	267.92	1.61	108.80	272.00	1.63
27			Step 3+4 DED & Tender file	km		250	10	1.5	70.32	175.79	1.05	78.95	197.38	1.18	86.04	215.10	1.29
28			Rehabilitated & Climate resilient	km		250	60	9	12.00	30.00	1.08	12.00	30.00	1.08	15.29	38.23	1.38
29			O&M	km		250	5	0.75	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
30			<b>Sub-total</b>						100	15			4.98			5.11	

	A	B	C	D	E	F	G	H	AP	AQ	AR	AS	AT	AU	AV	AW	AX
5	ACTIVITY	SUBACTIVITY	UNIT	DMF SCORE	OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Progress in Sept 2022			Progress Dec 2022			Progress March 2023			
6								Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	Current Progress %	Accumulated Progress	Weighted Progress (%)	
7								8	(A)	(B)	(C)	(D)	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F
31	1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	Identification	No	15	80	5	0.75	100.00	80.00	0.75	100.00	80.00	0.75	100.00	80.00	0.75
32			Site location Survey	no		80	5	0.75	100.00	80.00	0.75	100.00	80.00	0.75	100.00	80.00	0.75
33			DED & Tender file	no		3	10	1.5	66.67	2.00	1.00	83.33	2.50	1.25	100.00	3.00	1.50
34			Procurement	no		3	10	1.5	66.67	2.00	1.00	66.67	2.00	1.00	66.67	2.00	1.00
35			Construction	No		80	65	9.75	25.00	20.00	2.44	43.75	35.00	4.27	56.25	45.00	5.48
36			O&M	no		80	0	0.75	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
37			<b>Sub-total</b>				<b>95</b>	<b>15</b>			<b>5.94</b>			<b>8.02</b>			<b>9.48</b>
38	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	1.00	0.50	100.00	1.00	0.50	100.00	1.00	0.50
39			DED & Procurement	No		1	20	1	100.00	1.00	1.00	100.00	1.00	1.00	100.00	1.00	1.00
40			Implementation	No		1	60	2.5	90.00	0.90	2.25	100.00	1.00	2.50	100.00	1.00	2.50
41			Training of staff	Person		100	10	0.5	26.00	26.00	0.13	26.00	26.00	0.13	26.00	26.00	0.13
42			On-the job training	Person		500	10	0.5	23.60	118.00	0.12	25.00	125.00	0.13	45.60	228.00	0.23
43			<b>Sub-total</b>				<b>100</b>	<b>5</b>			<b>4.00</b>			<b>4.26</b>			<b>4.36</b>
44		Identification of Bio-digesters	Biodigester		12,000	10.00	0.50	21.60	2,592.00	0.11	26.61	3,193.00	0.13	42.93	5,152.00	0.21	
45		DED & Tender file	document		3	10.00	0.50	45.00	1.35	0.23	51.67	1.55	0.26	53.33	1.60	0.27	



	A	B	C	D	E	F	G	H	AP	AQ	AR	AS	AT	AU	AV	AW	AX
5	ACTIVITY		SUBACTIVITY	UNIT	DMF SCORE	OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Progress in Sept 2022			Progress Dec 2022			Progress March 2023		
6									7	8	9	10	11	12	13	14	15
8	(A)	(B)	(C)	(D)	(A)	(B)	(C)	(D)	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F	G=(E*D)/100
46	1.f.1	12,000 Bi-digesters made operational benefitting 80,000 persons (50% are women)	Procurement	document	5	3	10.00	0.50	16.67	0.50	0.08	16.67	0.50	0.08	16.67	0.50	0.08
47			Construction of bi-digesters	Bio-digester		12,000	60.00	3.00	0.03	3.00	0.00	0.46	55.00	0.01	0.55	66.00	0.02
48			Training of beneficiaries	Persons		48,000	10.00	0.50	21.60	10,368.00	0.11	26.61	12,772.00	0.13	42.93	20,608.00	0.21
49			<b>Sub-total</b>					<b>100.00</b>	<b>5.00</b>				<b>0.53</b>			<b>0.62</b>	
50	1.f.2	6,000 Compost-huts made operational benefitting 20,000 persons (50% are women)	Identification of compost-huts	Compost hut	5	6,000	10.00	0.50	31.72	1,903.00	0.16	37.93	2,276.00	0.19	57.28	3,437.00	0.29
51			DED & Tender file	document		3	20.00	1.00	50.00	1.50	0.50	50.00	1.50	0.50	53.33	1.60	0.53
52			Procurement	document		3	10.00	0.50	16.67	0.50	0.08	16.67	0.50	0.08	16.67	0.50	0.08
53			Construction of compost huts	Compost hut		6,000	50.00	2.50	1.00	60.00	0.03	1.00	60.00	0.03	1.10	66.00	0.03
54			Training of beneficiaries	Persons		24,000	10.00	0.50	31.72	7,612.00	0.16	37.93	9,104.00	0.19	57.28	13,748.00	0.29
55			<b>Sub-total</b>					<b>100.00</b>	<b>5.00</b>				<b>0.93</b>			<b>0.99</b>	
56	<b>Total for Output 1</b>				<b>65</b>			<b>65.00</b>			<b>21.11</b>			<b>24.11</b>			<b>28.98</b>

	A	B	C	D	E	F	G	H	AP	AQ	AR	AS	AT	AU	AV	AW	AX
4																	
5								Progress Sept 22			Progress in Dec 2022			Progress in March 2022			
6	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 (%)	
7																	
8				(A)	(B)	(C)	(D)	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F	G=(E*D)/100	
9	2.a	3 Additional climate-resilient varieties of rice and maize released	Development of new rice varieties	Varieties	5	2	50	2.5	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
10			Development of new maize varieties	Variety		1	20	1	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
11			Multiplication of existed rice varieties production of FS rice for PRD, PMD and CAR 16	Seeds		1,000	3	0.15	40.00	400.00	0.06	45.00	450.00	0.07	45.00	450.00	0.07
12			Multiplication of maize seed (CM1) varieties	Seeds		3	3	0.15	33.33	1.00	0.05	33.33	1.00	0.05	33.33	1.00	0.05
13			Distribution of rice seeds for demonstration seed production (PRD, PMD) for WS and CAR 16 for DS	Seeds		160	3	0.15	93.75	150.00	0.14	93.75	150.00	0.14	93.75	150.00	0.14
14			Distribution of maize for seed production	Seeds		3	4	0.2	33.33	1.00	0.07	33.33	1.00	0.07	33.33	1.00	0.07
15			Training of farmer group on BMP (240 courses)	Persons		10,000	4	0.2	2.41	241.00	0.00	2.50	250.00	0.01	2.50	250.00	0.01
16			Training of farmer group on rice seed production (120 courses)	Persons		4,000	4	0.2	75.00	3,000.00	0.15	87.50	3,500.00	0.18	87.50	3,500.00	0.18
17			Field day (120 events)	People		15,000	2.5	0.125	28.03	4,205.00	0.04	30.00	4,500.00	0.04	30.00	4,500.00	0.04
18			Site identification for Cassava seeds demonstration	Demo		40	2.5	0.125	45.00	18.00	0.06	50.00	20.00	0.06	50.00	20.00	0.06
19	Laser Land Leveling (LLL)	Demo/ha	4,000	4	0.2	10.75	430.00	0.02	11.75	470.00	0.02	11.75	470.00	0.02			
20	<b>Sub-total</b>					<b>100</b>	<b>5.00</b>			<b>0.58</b>			<b>0.63</b>			<b>0.63</b>	
21	40,000 Farmers trained in Climate-	Training of TOT-Trainers	Persons		80	3	0.15	75.00	60.00	0.11	75.00	60.00	0.11	75.00	60.00	0.11	
22		Drafting of training material for climate smart agriculture	set		1	2	0.1	100.00	1.00	0.10	100.00	1.00	0.10	100.00	1.00	0.10	
23		Implementation of comprehensive Needs assessment	set		4	2	0.1	62.50	2.50	0.06	62.50	2.50	0.06	350.00	14.00	0.35	
24		Drafting of training material for agribusiness development	set		1	3	0.15	85.00	0.85	0.13	90.00	0.90	0.14	90.00	0.90	0.14	

	A	B	C	D	E	F	G	H	AP	AQ	AR	AS	AT	AU	AV	AW	AX
25	2.b	smart Agriculture and agribusiness development skills	Farmers trained on CAMGAP standards	Persons	5	500	15	0.75	38.00	190.00	0.29	44.00	220.00	0.33	44.00	220.00	0.33
26			Farmers trained on CSA	Persons		20,000	25	1.25	39.78	7,956.00	0.50	73.94	14,787.00	0.92	73.94	14,787.00	0.92
27			Farmers trained on SRP	Persons		20,000	20	1	46.66	9,331.00	0.47	73.31	14,662.00	0.73	73.31	14,662.00	0.73
28			Farm mechanization and agriculture conservation	Persons		9,500	15	0.75	25.87	2,458.00	0.19	25.87	2,458.00	0.19	25.87	2,458.00	0.19
29			Agriculture Cooperative (board members)	Persons		20,000	15	0.75	0.00	-	0.00	0.00	0.00	0.00	-	-	0.00
30			<b>Sub-total</b>							<b>100</b>	<b>5.00</b>			<b>1.85</b>			<b>2.59</b>
31	2.c.1	27 FWUCS of FWUGS made operational	Preparation of training materials	set	3	1	2.5	0.075	100.00	1.00	0.08	100.00	1.00	0.08	100.00	1.00	0.08
32			Step 1: Dissemination the Informatio	meeting		27	5	0.15	62.96	17.00	0.09	62.96	17.00	0.09	62.96	17.00	0.09
33			Step 2: Demarcate the command areas and data collection	meeting		54	10	0.3	29.63	16.00	0.09	29.63	16.00	0.09	31.48	17.00	0.09
34			Step 3: Create the Statute Committe	FWUC		27	10	0.3	22.22	6.00	0.07	44.44	12.00	0.13	62.96	17.00	0.19
35			Step 4: Form Farmer Water User Community	FWUC		27	10	0.3	18.52	5.00	0.06	29.63	8.00	0.09	62.96	17.00	0.19
36			Step 5: Develop the FWUC statute	FWUC		27	10	0.3	14.81	4.00	0.04	25.93	7.00	0.08	62.96	17.00	0.19
37			Step 6: FWUC Committee Election	FWUC		27	15	0.45	22.22	6.00	0.10	22.22	6.00	0.10	62.96	17.00	0.28
38			Step 7: Finalization of FWUC Statut	FWUC		27	25	0.75	22.22	6.00	0.17	22.22	6.00	0.17	44.44	12.00	0.33
39			Step 8: FWUC Approval and Registration	FWUC		27	12.5	0.375	22.22	6.00	0.08	22.22	6.00	0.08	44.44	12.00	0.17
40			<b>Sub-total</b>							<b>100</b>	<b>3.00</b>			<b>0.78</b>			<b>0.91</b>
41	2.c.2	500 FWUCS of FWUGS, developed capacity to operate and maintain their irrigation schemes	Preparation of training material on o	set	3	27	10	0.3	29.63	8.00	0.09	44.44	12.00	0.13	44.44	12.00	0.13
42			Preparation of training material on maintenance	set		27	10	0.3	22.22	6.00	0.07	37.04	10.00	0.11	44.44	12.00	0.13
43			Trained FWUCs of FWUGs on schemes management	Persons		500	70	2.1	12.00	60.00	0.25	16.00	80.00	0.34	24.00	120.00	0.50
44			Application of MEF budget (FWUC)	FWUC		27	10	0.3	0.00	-	0.00	0.00	-	0.00	-	-	0.00
45			<b>Sub-total</b>							<b>100</b>	<b>3.00</b>			<b>0.41</b>			<b>0.58</b>
46	2.d.1	4 Agricultural development centers made fully operational to provide	Identification and Initial Survey	No	2	4	10	0.2	100.00	4.00	0.20	100.00	4.00	0.20	100.00	4.00	0.20
47			DED & Tender file	No		4	35	0.7	75.00	3.00	0.53	75.00	3.00	0.53	100.00	4.00	0.70
48			Procurement	No		4	10	0.2	75.00	3.00	0.15	75.00	3.00	0.15	75.00	3.00	0.15
49			Construction	No		4	40	0.8	75.00	3.00	0.60	75.00	3.00	0.60	75.00	3.00	0.60

	A	B	C	D	E	F	G	H	AP	AQ	AR	AS	AT	AU	AV	AW	AX
50		agribusiness services	Training of users (50% are women)	No		4	5	0.1	0.00	-	0.00	0.00	-	0.00	-	-	0.00
51			<b>Sub-total</b>				<b>100</b>	<b>2.00</b>			<b>1.48</b>			<b>1.48</b>			<b>1.65</b>
52		2.d.2 4 Engineering workshops made fully operational to provide agribusiness services	Identification and Initial Survey	No	2	4	10	0.2	100.00	4.00	0.20	100.00	4.00	0.20	100.00	4.00	0.20
53			DED & Tender file	No		4	35	0.7	75.00	3.00	0.53	75.00	3.00	0.53	100.00	4.00	0.70
54			Procurement	No		4	10	0.2	75.00	3.00	0.15	75.00	3.00	0.15	75.00	3.00	0.15
55			Construction	No		4	40	0.8	75.00	3.00	0.60	75.00	3.00	0.60	75.00	3.00	0.60
56			Training of users (50% are women)	No		4	5	0.1	0.00	-	0.00	0.00	-	0.00	-	-	0.00
57				<b>Sub-total</b>					<b>100</b>	<b>2.00</b>			<b>1.48</b>			<b>1.48</b>	
58	<b>Total for Output 2</b>				<b>15</b>			<b>20.00</b>			<b>6.56</b>			<b>7.66</b>			<b>9.19</b>
59																	
63																	

	B	C	D	E	F	G	H	I	AQ	AR	AS	AT	AU	AV	AW	AX	AY
4																	
5									Progress Sept 22			Progress in Dec 2022			Progress in March 2023		
6									Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)
7																	
8					(A)	(B)	(C)	(D)	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F	G=(E*D)/100
9		3.a	Draft of Climate Smart and Gender Responsive Agrib-policy	Policy	2	1	20.00	0.40	20.00	0.20	0.08	25.00	0.25	0.10	25.00	0.25	0.10
10	Draft CSA policy		Policy	1		20.00	0.40	30.00	0.30	0.12	35.00	0.35	0.14	40.00	0.40	0.16	
11	Draft guidance manual for climate neutrality and adaption for agribusiness operation		Prakas	1		20.00	0.40	9.00	0.09	0.04	9.00	0.09	0.04	30.00	0.30	0.12	
12	Draft IDP strategy for climate friendly agribusiness			1		20.00	0.40	65.00	0.65	0.26	65.00	0.65	0.26	65.00	0.65	0.26	
13	Draft PPP framework formulated		Framework	1		20.00	0.40	4.00	0.04	0.02	5.00	0.05	0.02	30.00	0.30	0.12	
14			<b>Sub-total</b>						<b>100.00</b>	<b>2.00</b>			<b>0.51</b>			<b>0.56</b>	
15		3.b	Guidance manual for climate neutrality and adaptation standards for agribusiness operation	Strategy	2	1	20.00	0.40	100.00	1.00	0.40	100.00	1.00	0.40	100.00	1.00	0.40
16	Climate-friendly become more widely utilized with eight of largest Cambodia millers/exporters being part of alliance		Rice miller	8		15.00	0.30	12.50	1.00	0.04	12.50	1.00	0.04	12.50	1.00	0.04	
17	Standards on CamGAP tropical fruit formation		Standard	1		20.00	0.40	50.00	0.50	0.20	50.00	0.50	0.20	50.00	0.50	0.20	
18	Development of standards for organic fertilizer		Standard	1		15.00	0.30	90.00	0.90	0.27	90.00	0.90	0.27	90.00	0.90	0.27	
19	Development of IDP strategies for climate friendly agribusiness		Strategy	1		5.00	0.10	70.00	0.70	0.07	75.00	0.75	0.08	75.00	0.75	0.08	
20	National standards on biodigester development		Standard	1		5.00	0.10	100.00	1.00	0.10	100.00	1.00	0.10	100.00	1.00	0.10	
21	Socialize GAP Standards for tropical fruit		No	2		20.00	0.40	0.00	-	0.00	0.00	-	0.00	10.00	0.20	0.04	
22		<b>Sub-total</b>					<b>100.00</b>	<b>2.00</b>			<b>1.08</b>			<b>1.08</b>			<b>1.12</b>
23			Assessment TNA on CSA and Green finance	No		1	10.00	0.20	100.00	1.00	0.20	100.00	1.00	0.20	100.00	1.00	0.20

	B	C	D	E	F	G	H	I	AQ	AR	AS	AT	AU	AV	AW	AX	AY
5	ACTIVITY		SUBACTIVITY	UNIT	DMF score	OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Progress Sept 22			Progress in Dec 2022			Progress in March 2023		
6									Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)
7									8	(A)	(B)	(C)	(D)	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100
24	3.c	Good Agriculture Practice for organic fertilizer endorsed	Develop training material for staff training in CSA	No	2	1	15.00	0.30	100.00	1.00	0.30	100.00	1.00	0.30	100.00	1.00	0.30
25			National Policy and Standards of Biodigester and bioslurry	policy		1	10.00	0.20	85.00	0.85	0.17	85.00	0.85	0.17	100.00	1.00	0.20
26			Develop training material for staff training in green finance	No		1	15.00	0.30	80.00	0.80	0.24	80.00	0.80	0.24	80.00	0.80	0.24
27			Implementation of training on green finance in CSA	Staff		50	25.00	0.50	1.40	0.70	0.01	1.40	0.70	0.01	0.00	-	0.00
28			Implementation training in green finance	Staff		50	25.00	0.50	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
29			<b>Sub-total</b>						<b>100.00</b>	<b>2.00</b>			<b>0.92</b>		<b>0.92</b>		
30	3.d	30 agribusinesses trained in green finance and CSA	Assessment TNA on CSA and Green finance	TNA	2	1	10.00	0.20	100.00	1.00	0.20	100.00	1.00	0.20	100.00	1.00	0.20
31			Develop training material for staff training in CSA	no		1	15.00	0.30	70.00	0.70	0.21	85.00	0.85	0.26	85.00	0.85	0.26
32			Develop training material for staff training in green finance	no		1	15.00	0.30	70.00	0.70	0.21	70.00	0.70	0.21	70.00	0.70	0.21
33			Implementation of training on green finance in CSA	Staff		30	30.00	0.60	0.00	-	0.00	6.67	2.00	0.04	26.67	8.00	0.16
34			Implement training in green finance	Staff		30	30.00	0.60	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00
35			<b>Sub-total</b>						<b>100.00</b>	<b>2.00</b>			<b>0.62</b>		<b>0.71</b>		
36	3.e	50 Staff from financial institutions trained in CSA and green finance	Assessment of TNA on CSA and Green finance	TNA	2	1	10.00	0.20	80.00	0.80	0.16	85.00	0.85	0.17	85.00	0.85	0.17
37			Develop training material for staff training in CSA	Set		1	10.00	0.20	50.00	0.50	0.10	70.00	0.70	0.14	70.00	0.70	0.14
38			Develop climate risk sharing mechanism /instrument	Set		1	20.00	0.40	0.00	-	0.00	15.00	0.15	0.06	15.00	0.15	0.06



	B	C	D	E	F	G	H	I	AQ	AR	AS	AT	AU	AV	AW	AX	AY	
5	ACTIVITY		SUBACTIVITY	UNIT	DMF score	OVERALL TARGET	Sub- Weight (%)	DMF weight (%)	Progress Sept 22			Progress in Dec 2022			Progress in March 2023			
6									Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)	Current Progress %	Accumulated progress	Weighted Progress (%)	
7					(A)	(B)	(C)	(D)	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F	G=(E*D)/100	E=(F/B)*100	F	G=(E*D)/100	
39		and green market	Awareness raising on weather and climate risk information sharing to communities	staff		50	60.00	1.20	48.00	24.00	0.58	48.00	24.00	0.58	48.00	24.00	0.58	
40			<b>Sub-total</b>				<b>100.00</b>	<b>2.00</b>			<b>0.84</b>			<b>0.95</b>			<b>0.95</b>	
41		20,000 Households provided with information on climate risk-sharing instruments	Implementation of TNA	No	2	1	10.00	0.50	100.00	1.00	0.50	100.00	1.00	0.50	100.00	1.00	0.50	
42			Develop training material for staff training in green finance	No		1	15.00	0.50	50.00	0.50	0.25	50.00	0.50	0.25	50.00	0.50	0.25	
43			Implementation of training on green finance in CSA	Persons	20,000	75.00	1.00	0.00	-	0.00	0.00	-	0.00	0.00	-	0.00		
44			<b>Sub-total</b>			<b>100.00</b>	<b>2.00</b>			<b>-</b>	<b>0.75</b>			<b>0.75</b>			<b>0.75</b>	
45	3.9	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	Development of ICT	No	3	1	55.00	1.65	0.00	-	0.00	0.00	-	0.00	5.00	0.05	0.08	
46				Purchase of equipment		No	1	20.00	0.60	0.00	-	0.00	0.00	-	0.00	5.00	0.05	0.03
47				Installation of the center		No	1	25.00	0.75	0.00	-	0.00	0.00	-	0.00	5.00	0.05	0.04
48				<b>Sub-total</b>				<b>100.00</b>	<b>3.00</b>				<b>0.00</b>			<b>0.00</b>		
49		<b>Total for Output 3</b>			<b>15</b>			<b>15.00</b>			<b>4.71</b>			<b>4.96</b>			<b>5.49</b>	
50																		
55																		
56																		

	B	C	D	N	O	P	Q	R	
1	<b>CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS</b>								
2	<b>DMF PROGRESS</b>								
3									
4									
5	<b>Output and Activities</b>			<b>Assigned weight</b>	<b>PHYSICALL WEIGHTED PROGRESS (%)</b>				
6					<b>31/03/2022</b>	<b>30/06/2022</b>	<b>30/9/2022</b>	<b>31/12/2022</b>	<b>31/03/2023</b>
7									
8	<b>Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient</b>								
9	1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	15.00	3.36	3.76	4.25	4.59	5.59	
10	1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5.00	0.46	0.46	0.48	0.52	0.79	
11	1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15.00	4.14	4.83	4.98	5.11	6.75	
12	1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15.00	4.44	4.44	5.94	8.02	9.48	
13	1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	5.00	3.36	3.70	4.00	4.26	4.36	
14	1.f1	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	5.00	0.38	0.48	0.53	0.62	0.80	
15	1.f2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5.00	0.57	0.68	0.93	0.99	1.22	
16		<b>sub-total Output 1</b>	<b>65.00</b>	<b>16.72</b>	<b>18.34</b>	<b>21.11</b>	<b>24.11</b>	<b>28.98</b>	
17	<b>Output 2 – Climate-smart Agriculture and Agribusiness Promoted</b>								
18	2.a	3 Additional climate-resilient varieties of rice and maize released	5.00	0.72	0.72	0.58	0.63	0.63	
19	2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5.00	0.81	0.99	1.85	2.59	2.88	
20	2.c.1	27 FWUCS of FWUGS made full operational	3.00	0.54	0.58	0.78	0.91	1.61	
21	2.c.2	500 FWUCS of FWUGS developed capacity to operate and maintain their irrigation schemes	3.00	0.04	0.23	0.41	0.58	0.77	

	B	C	D	N	O	P	Q	R
5	<b>Output and Activities</b>		<b>Assigned weight</b>	<b>PHYSICALL WEIGHTED PROGRESS (%)</b>				
6				<b>31/03/2022</b>	<b>30/06/2022</b>	<b>30/9/2022</b>	<b>31/12/2022</b>	<b>31/03/2023</b>
7								
22	2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	2.00	1.08	1.48	1.48	1.48	1.65
23	2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	2.00	1.08	1.48	1.48	1.48	1.65
24		sub-total Output 2	<b>20.00</b>	<b>4.26</b>	<b>5.47</b>	<b>6.56</b>	<b>7.66</b>	<b>9.19</b>
25	<b>Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced</b>							
26	3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	2.00	0.41	0.46	0.51	0.56	0.76
27	3.b	Good Agriculture Practice for tropical fruit endorsed	2.00	0.93	0.98	1.08	1.08	1.12
28	3.c	Good Agriculture Practice for organic fertilizer endorsed	2.00	0.83	0.87	0.92	0.92	0.94
29	3.d	50 Staff from financial institutions trained in CSA and green finance	2.00	0.53	0.57	0.62	0.71	0.83
30	3.e	30 agribusinesses trained in green finance and CSA	2.00	0.24	0.74	0.84	0.95	0.95
31	3.f	20,000 Households provided with information on climate risk-sharing instruments	2.00	0.43	0.60	0.75	0.75	0.75
32	3.g	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	3.00	0.00	0.00	0.00	0.00	0.15
33		<b>sub-total Output 3</b>	<b>15.00</b>	<b>3.37</b>	<b>4.23</b>	<b>4.71</b>	<b>4.96</b>	<b>5.49</b>
34	<b>OUTPUT</b>	Output 1	65.00	16.72	18.34	21.11	24.11	28.98
35		Output 2	20.00	4.26	5.47	6.56	7.66	9.19
36		Output 3	15.00	3.37	4.23	4.71	4.96	5.49
37	<b>TOTAL Output (1 + 2 + 3)</b>		<b>100.00</b>	<b>24.35</b>	<b>28.03</b>	<b>32.38</b>	<b>36.73</b>	<b>43.67</b>
38								

**CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS**  
**IE PROGRESS**

Output and Activities		Assigned weight	WEIGHTED PROGRESS (%)				
			31/03/2022	30/6/2022	30/9/2022	31/12/2022	31/03/2023
<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	3.36	3.76	4.25	4.59	5.59
1.b	800 On-farm rainwater harvesting ponds commissioned (incl. 15 drip irrigation)	5.00	0.46	0.46	0.48	0.52	0.79
1.c	At least 250 Km Farm roads upgraded to climate resilient standards to improve Connectivity to Cooperatives and Markets	15.00	4.14	4.83	4.98	5.11	6.75
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	15.00	4.44	4.44	5.94	8.02	9.48
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	5.00	3.36	3.70	4.00	4.26	4.36
1.f1	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	5.00	0.38	0.48	0.53	0.62	0.80
1.f2	6,000 Compost-huts made operational benefitting 40,000 persons (50% are women)	5.00	0.57	0.68	0.93	0.99	1.22
<b>Sub-total Output 1</b>		<b>65.00</b>	<b>16.72</b>	<b>18.34</b>	<b>21.11</b>	<b>24.11</b>	<b>28.98</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	0.72	0.72	0.58	0.63	0.63
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	5.00	0.81	0.99	1.85	2.59	2.88
2.c.1	27 FWUCS of FWUGS made full operational	3.00	0.54	0.58	0.78	0.91	1.61
2.c.2	500 FWUCS of FWUGS developed capacity to operate and maintain their irrigation schemes	3.00	0.04	0.23	0.41	0.58	0.77
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	2.00	1.08	1.48	1.48	1.48	1.65

2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	2.00	1.08	1.48	1.48	1.48	1.65
	<b>Sub-total Output 2</b>	<b>20.00</b>	<b>4.26</b>	<b>5.47</b>	<b>6.56</b>	<b>7.66</b>	<b>9.19</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	0.41	0.46	0.51	0.56	0.76
3.b	Good Agriculture Practice for tropical fruit endorsed	2.00	0.93	0.98	1.08	1.08	1.12
3.c	Good Agriculture Practice for organic fertilizer endorsed	2.00	0.83	0.87	0.92	0.92	0.94
3.d	50 Staff from financial institutions trained in CSA and green finance	2.00	0.53	0.57	0.62	0.71	0.83
3.e	30 agribusinesses trained in green finance and CSA	2.00	0.24	0.74	0.84	0.95	0.95
3.f	20,000 Households provided with information on climate risk-sharing instruments	2.00	0.43	0.60	0.75	0.75	0.75
3.g	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	3.00	0.00	0.00	0.00	0.00	0.15
	<b>Sub-total Output 3</b>	<b>15.00</b>	<b>3.37</b>	<b>4.23</b>	<b>4.71</b>	<b>4.96</b>	<b>5.49</b>
II	<b>MAFF</b>						
	Output 1	30.50	8.75	9.29	11.39	13.88	15.86
	Output 2	14.00	3.68	4.67	5.38	6.17	6.81
	Output 3	15.00	3.37	4.23	4.71	4.96	5.49
	<b>Sub-total</b>	<b>59.50</b>	<b>15.80</b>	<b>18.18</b>	<b>21.48</b>	<b>25.01</b>	<b>28.16</b>
	<b>MOWRAM</b>						
	Output 1	19.50	3.82	4.22	4.74	5.12	6.38
	Output 2	6.00	0.58	0.80	1.18	1.49	2.38
	<b>Sub-total</b>	<b>25.50</b>	<b>4.40</b>	<b>5.02</b>	<b>5.92</b>	<b>6.61</b>	<b>8.76</b>
	<b>MRD (Output 1)</b>	15.00	4.14	4.83	4.98	5.11	6.75
<b>TOTAL Outputs (1 + 2 + 3)</b>		<b>100.00</b>	<b>24.35</b>	<b>28.03</b>	<b>32.38</b>	<b>36.73</b>	<b>43.67</b>

	B	C	D	K	L	M	N	O	P	Q	R
1	<b>CFAVC OVERAL PROJECT IMPLEMENTATION PROGRESS</b>										
2	<b>MEF FORMAT</b>										
3											
4											
5	<b>ACTIVITY/Implementing Agency</b>		<b>Assigned Weight</b>	<b>WEIGHT PROGRESS (%)</b>							
6				<b>30/06/2021</b>	<b>30/09/2021</b>	<b>31/12/2021</b>	<b>31/03/2022</b>	<b>30/06/2022</b>	<b>30/9/2022</b>	<b>31/12/2022</b>	<b>31/03/2023</b>
7	1	Establish project PMU & PRC	0.50%	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
8	2	Recruitment of Consultants	0.50%	0.60	0.65	0.65	0.70	0.70	0.70	0.75	0.80
9	3	PMU Operation	4.00%	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.85
10	4	Social Safeguards and Resettlement	2.00%	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.36
11	5	Environmental Management	2.00%	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.36
12	6	Gender	1.00%	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.19
13	7	Implementation of Output 1 - MAFF	27.50%	4.11	4.77	5.50	7.88	8.36	10.25	12.49	14.27
14	8	Implementation of Output 1 - MOWRAM	17.50%	2.31	2.84	2.81	3.44	3.80	4.26	4.60	5.74
15	9	Implementation of Output 1 - MRD	13.50%	2.95	3.22	3.40	3.73	4.35	4.49	4.60	6.07
16	11	Implementation of Output 2 - MAFF	12.60%	2.31	2.79	2.83	3.31	4.20	4.84	5.55	6.13
17	12	Implementation of Output 2 - MOWRAM	5.40%	0.43	0.43	0.46	0.53	0.72	1.06	1.34	2.15
18	13	Implementation of Output 3 - MAFF	13.50%	2.08	2.32	2.69	3.03	3.80	4.24	4.46	4.94
19	<b>TOTAL (%)</b>		<b>100.00%</b>	<b>17.94</b>	<b>20.32</b>	<b>21.79</b>	<b>26.21</b>	<b>29.68</b>	<b>33.75</b>	<b>37.85</b>	<b>44.36</b>





## **ANNEX 3: Updated Implementation Progress DMF Status January – March 2023**

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

**CS1 - 001 SER: Project Implementation Consultants**

**FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH**

*Prepared by*

 **AGRICONSULTING EUROPE SA**  
*in JV with SBK Research and Development*

Performance Against DMF

Results Chain	Performance Indicators	Items	Unit	Baselines (2017)	Targets (2026)	Progress as of March 2023	Remarks	
<b>Outcome:</b>	<b>By 2026</b>							
<b>Productive and resource efficient agribusiness value chains developed in project areas</b>	<b>a.</b> At least 15% increase in yields (2017 baseline: rice 2.7 tons, maize 4 tons, cassava 20 tons and mango 15 tons/ha).	Rice yield	tons/ha	2.70	3.11	0	not yet due	
		Maize yield	tons/ha	4.00	4.60	0	not yet due	
		Cassava yield	tons/ha	20.00	23.00	0	not yet due	
		Mango yield	tons/ha	15.00	17.25	0	not yet due	
	<b>b.</b> GHG emissions reduced (CO2)	CO2	tons	-	240,000	0	not yet due	
	<b>c.</b> At least 50 agribusinesses become more resource efficient in terms of water savings (5-10% efficiencies); energy savings (20%); and	water savings (5-10% efficiencies)			-		0	not yet due
		energy savings (20%)			-		0	not yet due
reduction in post-harvest losses (10%)				-		0	not yet due	
<b>Outputs:</b>	<b>By 2024</b>							
<b>1. Critical agribusiness value chain infrastructure improved and made climate resilient</b>	<b>1a.</b> 27 irrigation and water management systems targeting 15,000 ha and 25,000 households (with at least 50,000 women) rehabilitated and made climate resilient (2017)	Schemes	#	0	27	9		
		Command areas	ha	0	15,000	2,268	Based on DED	
		Household	#	0	25,000	0	not yet due	
		Women	#	0	50,000	0	not yet due	
	<b>1b.</b> 800 on-farm rainwater harvesting ponds commissioned (2017 baseline: 0).	Ponds	#	0	800	0	279 completed DED and already bid	
	<b>1c.</b> At least 250 km of farm road networks upgraded to climate standards to improve connectivity of farms to cooperatives and markets (2017 baseline: 0).						38.23	272 km completed DED, 38.23 km completed construction
		Farm road networks	Km	0	250			
	<b>1d.</b> 80 agricultural cooperatives* integrated adaptation measures in post-harvest infrastructure investments (2017 baseline: 5).						20	Completed construction of 20 Acs, 35ACs completed 60% (ongoing construction), 25 ACs completed BER and submit to MEF on 13 April 2023.
		agricultural cooperatives	#	5	80			
	<b>1e.</b> Crop product quality and safety testing infrastructure in National Agricultural Laboratory upgraded to test 1500 samples (2017 baseline: 700) and generate service income more than \$75,000 (2017 baseline:	Test sample	#	700	1500		0	0
		Generate service income	\$	0	\$ 75,000		0	Lab renovation: construction completed, Net-house: construction is completed 100%
	<b>1f.</b> 12,000 additional biodigesters and 6,000 compost huts made operational benefitting at least 80,000 persons, including at least 50% women beneficiaries, due to improved household air quality (2017 baseline: 11,468 persons, including 5,721 women).	biodigesters	#	-	12,000		56	5,152 identified; 56 completed construction; 10 ongoing construction
compost huts		#	-	6,000		22	3437 identified; 22 completed construction; 44 ongoing construction	
operational benefitting		Person	11,468	80,000		21,065		
Women		Person	5,721	40,000		10,869		
<b>2. Climate smart agriculture and agribusiness promoted</b>	<b>2a.</b> Three additional climate resilient varieties of rice and maize released (2017 baseline: 0)	Rice	varieties	0	2	0		
		maize	varieties	0	1	0		
	<b>2b.</b> 40,000 farmers (of whom 16,000 are women) trained in CSA and agribusiness development skills, of which 50% are SRP compliant with direct links to millers and	farmers trained in CSA and agribusiness development skills	farmers			40,000	21,065	
		farmers trained in CSA and agribusiness development skills	women			16,000	10,869	

Results Chain	Performance Indicators	Items	Unit	Baselines (2017)	Targets (2026)	Progress as of March 2023	Remarks
	exporters (2017 baseline for SRP compliance: 0).	50% are SRP compliant with direct links to millers and exporters	farmers	-	20,000	0	
	2c. 27 FWUCs/FWUGs made operational and 500 FWUC/FWUG members (of which 30% women) developed capacity to operate and maintain their irrigation schemes (2017 baseline: 0).	FWUCs/FWUGs made operational	FWUCs/FWUGs	0	27	12	12 completed, 5 ongoing, 10 not yet started
FWUC/FWUG members (representatives) developed capacity to operate and maintain their irrigation schemes		persons	0	500		3,149	
30% women FWUC/FWUG members (representatives) developed capacity to operate and maintain their irrigation schemes		Women	0	150		837	
2d. 4 provincial agricultural development centers and 4 engineering workshops made fully operational to provide agribusiness	provincial agricultural development centers	#	0	4		4	4 completed construction
	engineering workshops	#	0	4		4	4 completed construction
3. Enabling environment for climate friendly agribusiness enhanced	3a. Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework focusing on agribusinesses formulated (2017 baseline: 0)	Draft of Climate Smart and Gender Responsive Agrib-policy	Policy	0	1		0.25
		Draft CSA policy	Policy	0	1		0.5
		Draft guidance manual for climate neutrality and adaption for agribusiness operation	Prakas	0	1		0.3
		Draft IDP strategy for climate friendly agribusiness		0	1		0.65
		Draft PPP framework formulated	Framework	0	1		0.3
		3b. CAMGAP for tropical fruit and organic fertilizers endorsed as national standard for tropical fruit and organic fertilizers (2017 baseline: 0).	Guidance manual for climate neutrality and adaptation standards for agribusiness operation	Strategy	0	1	
	Climate-friendly become more widely utilized with eight of largest Cambodia millers/exporters being part of alliance		Rice miller	0	8		1
	Standards on CamGAP tropical fruit formation		Standard	0	1		0.5
	Development of standards for organic fertilizer		Standard	0	1		0.9
	Development of IDP strategies for climate friendly agribusiness		Strategy	0	1		0.75
	National standards on biodigester development		Standard	0	1		1
	Socialize GAP Standards for tropical fruit		No	0	2		0.2
	3c. 50 staff, including 30% women, from financial institutions trained in CSA and green finance (2017 baseline: 0).	Implementation of training on green finance in CSA	Staff	0	50		0
Women			0	15		0	
Implementation training in green finance		Staff	0	50		0	
		Women	0	15		0	
3d. 30 agribusinesses, including 30% women-led and/or owned,*** trained on green finance	Implementation of training on green finance in CSA	Staff	0	30		0	- Identified: 30 ACs/Agribusiness
		Women	0	9		0	

Results Chain	Performance Indicators	Items	Unit	Baselines (2017)	Targets (2026)	Progress as of March 2023	Remarks	
	and CSA (2017 baseline: 0).	Implementation training in green finance	Staff	0	30	0	- Delivery training: 17 completed (Total	
			Women	0	9	0		
	3e. 20,000 households, including 20,000 women, provided with information on climate risk sharing instruments (2017 baseline: 0).	Implementation of training on green finance in CSA	HHs	0	20,000	0	Inception phase	
			Women	0	20,000	0	Inception phase	
	3f. ICT platform for climate friendly agribusiness established in Kampong Cham province (2017 baseline: 0).	Development of ICT	No	0	1	0	Inception phase	
			Purchase of equipment	No	0	1	0	Inception phase
			Installation of the center	No	0	1	0	Inception phase



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## ANNEX 4: Detail Implementation MAFF Output 1 January – March 2023

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH

*Prepared by*



AGRICONSULTING EUROPE SA

*in JV with SBK Research and Development*

**Kingdom of Cambodia**  
Ministry of Agriculture, Forestry and Fisheries (MAFF)

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

**Summary Progress Work  
of MAFF Subprojects**

**As of 30 April 2023**

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC): QR1 Jan - Mar 2023

**Content**

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- 1. Financial Status**
- 2. 1.d 80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments**
- 3. 1.e Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded**
- 4. 1.f 12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)**
- 5. 2.d1 4 Agricultural development centers made fully operational to provide agribusiness services**
- 6. 2.d2 4 Engineering workshops made fully operational to provide agribusiness services**

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC): QR1 Jan - Mar 2023



## Financial status

4. Table: SUMMARY OF EXPENDITURES BY PMUs Vs BUDGET

For the period ending: 31/Mar/2023

EAs/ IAs	Budget (Allocation)	2023 Annual Budget	Year to date Expenditures	Cumulative to date Expenditures	Overall Expenditures Rate %	
			31/Mar/2023	31/Mar/2023	2023	Overall
PMU-MAFF	57,149,457	24,417,040	1,112,484	12,199,402	4.6%	21.3%
MOWRAM	44,235,807	9,715,000	61,539	2,732,740	0.6%	6.2%
MRD	37,349,607	9,322,650	1,693,179	1,892,991	18.2%	5.1%
Unassigned (Interest Charges)	2,305,129	-	-	-	0.0%	0.0%
<b>TOTAL</b>	<b>141,040,000</b>	<b>43,454,690</b>	<b>2,867,202</b>	<b>16,825,134</b>	<b>6.6%</b>	<b>11.9%</b>

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

## Financial status

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

SOURCE	Budget (Allocation)	2023 Annual Budget	Year to date Expenditures	Cumulative to date Expenditures	Overall Expenditures Rate %	
			31/Mar/23	31/Mar/23	2022	Overall
ADB loan	90,000,000	27,994,150	2,400,631	13,677,142	8.6%	15.2%
GCF loan	10,000,000	2,163,610	208,894	494,057	9.7%	4.9%
GCF Grant	30,000,000	12,132,630	207,668	1,989,756	1.7%	6.6%
RGC	7,376,000	668,810	50,010	664,179	7.5%	9.0%
Beneficiaries	3,664,000	495,490	-	-	0.0%	0.0%
<b>TOTAL</b>	<b>141,040,000</b>	<b>43,454,690</b>	<b>2,867,202</b>	<b>16,825,134</b>	<b>6.6%</b>	<b>11.9%</b>

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

## Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

1.d 80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments

Batch	Year	No. of AC	KM of road Connected to AC	Status of AC construction
Batch 1	2020	20	105.34 Km	Completed
Batch 2	2021	35	119.77Km	60% Completed
Batch 3	2022	25	46.56Km	BER submitted to MEF 13 April 2023
<b>Total</b>		<b>80</b>	<b>272.15</b>	

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

## Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

### AC capacity

AC type	KP	TK	TBK	KC	Total
50t	4	9	2	2	17
100t	13	21	10	7	51
200t	0	0	8	4	12
<b>Total</b>	<b>17</b>	<b>30</b>	<b>20</b>	<b>13</b>	<b>80</b>

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

## Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

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### AC With road connected

AC	KP	TK	TBK	KC	Total
AC with road	10	13	13	8	44
AC no road	7	17	7	5	36
Total	17	30	20	13	80

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

## Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

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All 80 ACs has no issues of DED with CS5, all MAFF subprojects DED done by PMU engineers

AC	KP	TK	TBK	KC	Total
Total	17	30	20	13	80

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

### Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

---

All 80 ACs has no issues of EMP implementation

AC	KP	TK	TBK	KC	Total
Total	17	30	20	13	80

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

### Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

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All 80 ACs has no issues of Social Safeguard implementation

AC	KP	TK	TBK	KC	Total
Total	17	30	20	13	80

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

## Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

All 80 ACs has fully implementation of GAP

AC	KP	TK	TBK	KC	Total
Total	17	30	20	13	80

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

## Activity 1.2 Upgrading agricultural cooperative value chain infrastructure

1.e Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded

	Start date	Completion date	Status
Lab renovation: construction completed	23 Aug 2022	30 Nov 2022	Completed
Net-house: construction completed	16 June 2022	25 Sept 2022	Completed



Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

### Activity 1.5 Promoting renewable energy (biodigesters and use of solar energy in target cooperative areas) for value chain improvement

1.f 12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)

Batch I	Start date	Completion date	Status
500 bio-digesters	First bid 11 June 2021, Second bid 24 June 2022		
250 Compost-hut	ADB NOL to rebid 22 April 2022		

Research and Development Demonstration (pilot)	Start date	Completion date	Status
66 bio-digesters	30 Sept 2022	ongoing	56 completed 22
66 Compost-huts	30 Sept 2022	ongoing	completed

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

### Activity 1.5 Promoting renewable energy (biodigesters and use of solar energy in target cooperative areas) for value chain improvement

1.f 12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)



Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023



## Activity 2.3 Promoting farm mechanization and extension

2.d1 4 Agricultural development centers made fully operational to provide agribusiness services

Batch I	Start date	Completion date	Status
Lot1: CW4/CFAVC/ MAFF/2021/08 The Construction of Training Building-PADC & Equipment-TAK	9-Sep-21	8-Dec-21	
Lot2: CW4/CFAVC/ MAFF/2021/09 The Construction of Training Building-PADC & Equipment-TBK	9-Sep-21	8-Dec-21	
Lot3: CW4/CFAVC/ MAFF/2021/10 The Construction of Training Building-PADC & Equipment-KCM	9-Sep-21	8-Dec-21	

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023

## Activity 2.3 Promoting farm mechanization and extension

2.d2 4 Engineering workshops made fully operational to provide agribusiness services

Batch I	Start date	Completion date	Status
Lot1: CW7/CFAVC/ MAFF/ 2021/01 Construction of Mechanization Engineering Workshop-PDAFF-KPT	30-Aug-21	11 Apr 22	
Lot2: CW7/CFAVC/ MAFF/ 2021/02 The Construction of Mechanization Engineering Workshop-PDAFF-TBK	30-Aug-21	11 Apr 22	
Lot3: CW7/CFAVC/ MAFF/2021/03 The Construction of Mechanization Engineering Workshop-PDAFF-KCM	30-Aug-21	11 Apr 22	

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC): QR1 Jan - Mar 2023



**Thanks you!!**

Climate-Friendly Agribusiness Value Chains Sector Project (FVC): QR1 Jan - Mar 2023



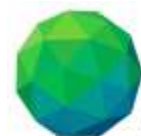
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## ANNEX 5: Detail Implementation MAFF Output 2 January – March 2023

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
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### Activity 3.2: Promoting green finance and risk sharing mechanism

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

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

10. Based on the literature reviews and consultation with key member of the Association Bank of Cambodia (ABC) and Association of Micro Finance Institute (MFI), the green finance specialists have developed a draft financial landscape report with key stakeholder and training needs analysis to assess the current status of green finance provision and needs in Cambodia and consultation with stakeholders to inform a training program for financial institution staff. The draft report has been shared with the Team Leader (Pollard Blakeley), GDA and PMU for comment in Oct 2022. So far, GDA and PMU have not submitted their comments on the report. During this reporting, result of achievement are:
  - The project has been working with Association Bank of Cambodia (ABC) and Association of Micro Finance Institute (MFI) to identify and select 50 staff, including 30% women from 30 banks and 20 FMIs for training based on the training need assessment (TNA) on the green financing.
  - Based on the survey results of the training need assessment in the report, 32% of total 24 respondents have green finance policy in place, 8% are in process of development whilst 60% doesn't have green finance policy yet. About 70.8% of the respondents have a limited understanding to develop green finance products and 29.20% have good understanding and applying the green finance principles within their institutions.
  - The training topics deemed as important to strengthen the capacity of the ABC members. Apart from formal face to face and virtual training, other approach prosed in the report are study tour, sharing experiences and learning events through peer to peer learning platform.
  - National Green Financing Specialist has started to collect data from Key stakeholder including Association Bank of Cambodia (ABC) such as Amrith, ACLEDA, FTB, ABA and Micro Finance Institute, Ministry of Environment, Mekong Strategy Partner and PPIU at two provinces Kampong Cham and Tbong Khmum province. Furthermore, the exposal visit of the PMU, Bank and MFI will fulfil gap in the report to national consultation which will take place in Q2 2023.
  - The Project team met with team from the Mekong Strategy Partner, Department of Climate Change and Secretariat of National Council for Sustainable Development (NCS), ACLEDA Bank and Agriculture and Rural Development Bank(ARDB) to find out the role and responsible and how to cooperation to promote the Green Climate Fund in Cambodia.
  - Organized and facilitated Training on Data entry and management of data system on Biodigester and compost hut at Kep Province. There are 29 persons of which 4 are females from PPIUs in four provinces was attended the training. It was focusing on the baseline of the project relate to carbon offset and climate change impacts and MAFF's targeting to reduce the GHG's emission in 2030.

- Eight meeting was conducted with PPIU at four provinces to discuss on the green financing, how to assess the green finance with the local bank identify the list of the potential bank at 4 provinces. There are 56 participants including 26 are women from PPIUs.
- The concept notes and drafted agenda for training to Banks and MFIs has been developed and conceded by PMU and waiting for budget available to deliver.
- Discuss on the mainstreaming Gender into the green project activities and reviews on the Gender Action Plan
- The Banks, and Micro Finance has been selected and conduct the Training Need Assessment (TNA) on the Green Finance, Institution strengthening to access, support the green project in Cambodia and list down all the green investment project relate to agriculture.

Table II.19: Summary progress of staff trained in CSA and GF by Jan - Mar 2023

N	Activities	Province	Unit	Annual Target 2023	Actual Progress in Jan-Mar 2023	Cumulative Progres By 2022-Mar 2023
	Staff trained in CSA and Green Finance	TAK	People	13	15	29
		KPT	People	13	12	26
		KPC	People	13	12	25
		TBK	people	12	17	30
<b>Total</b>				50	56	110

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

11. The green finance specialists will undertake a landscape and key stakeholder analysis to determine the current status of green finance provision in Cambodia and then in consultation with stakeholders (including relevant agribusinesses) develop a training program for agribusiness staff focusing on the benefits of green finance to agribusiness companies. During the reporting, result of achievement as the following:
- The List of selected 30 Agriculture cooperative has been reviewed to matching with PPP target ACs to ensure that they are able to implement the green business project and access to green financing as well.
  - Training Need Assessment in the Green Finance Landscape report indicated that most of AC representatives have limited understanding on the root causes, effects and impact of the climate change and variability in the agriculture value chain.
  - 12 training workshops on the green financing was provided to Agriculture Cooperatives (ACs) at target provinces Takoe, Kampot, Tbong Khmum and Kampong Cham province. There are 167 participants including 102 are women was attended the training.

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

N	Activities	Province	Unit	Annual Target 2023	Actual Progress in Jan-Mar 2023	Cumulative Progress by 2022- Mar 2023
1	Agribusiness training in CSA and Green Finance	TAK	People	8	45	88
2		KPT	People	8	34	91
3		KPC	People	7	48	100
4		TBK	People	7	40	68
<b>Total</b>				<b>30</b>	<b>167</b>	<b>347</b>

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

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

- Identify the crop insurance company such as FORTE Insurance Company to understand on the requirement and climate risks to access the crop insurance.
- Meeting with crop insurance to organize a dissemination on the weather forecasting and crop insurance at target provinces.
- Conduct a meeting with PPIUs and AC to introduce the crop insurance concept and green project.

Table II.21: Summary of households received information on climate risk sharing implements

N	Activities	Province	Unit	Annual Target 2022	Actual Progress in Jan-Mar 2023	Cumulative Progress By March 2023
1		TAK		2,500	0	0
2		KPT		2,500	0	0
3		KPC		2,500	0	0
4		TBK		2,500	0	0
<b>Total</b>				<b>10,000</b>	<b>0</b>	<b>0</b>

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

13. General scope of work support climate risk management through information and communication technologies (ICT) is not the responsibility of CS2 to recruit and manage the CS4 package. Once recruited, CS4 will be responsible for reporting directly on their activities.
14. During the reporting, CS4 package is still recruitment processing by PMU and ADB.





## **ANNEX 6: Detail Implementation Irrigation & Water Management Program January – March 2023**

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

**CS1 - 001 SER: Project Implementation Consultants**

**FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH**

*Prepared by*

### Annex 6: Progress Implementation Irrigation Program

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	
1. Plan for Project Feasibility study and Detailed Engineering Design in 2020															
2020	CFAVC-KP-TP-CW2	Kampot	Tani	Angkor Chey	Trapeang Run	1	100	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%	30% progress	
			Chikor	Tbong Khmum	Tuol Pring Reservoir		100	100%		100%	100%	60% progress			
			Thmor Pich	Tbong Khmum	Trapeang Tros Reservoir		350	100%		100%	100%	0%	DRP, Reviewed comment of ADB		
	MOWRAM-CFAVC-TEO-CW15.1	Takeo	Trapaing Kra Nhoung	Tram Kak	Prey Kdouch Reservoir	2	550	100%		100%		100%	100%	6% progress	Grubbing and Cleaning
			Trapaing Kra Nhoung	Tram Kak	Kraing Empil Embankment		200	100%		100%	100%	100%	6% progress		
	MOWRAM-CFAVC-KPC-CW14.1	Kampong Cham	Svay Teap	Chamkaler	Pram Kumpheak	2	900	100%		100%		100%	BER		Extension till 25 Mach 22
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%		100%		100%	Invitation for Bid			
Plan for rehabilitation in year 2020 consisting of 5 Packages covering command area of						9	3,250								
2. Plan for Project Feasibility study and Design in 2021															
2021	MOWRAM-CFAVC-TBM-CW13.2	Tbong Khmum	Chhouk	Krouch Chmar	Tbong Damrei Reservoir	2	600	100%		50%		80%			Received Topo Report
			Seda	Dambae	Kampong Raing Feeding Canal		250	100%		50%	80%		Received Topo Report		
	MOWRAM-CFAVC-TEO-CW15.2	Takeo	Phnom Den	Kirivong	Chrouk1 + Phlov Touk	3	800	60%							
			Prey Yuthkar	Koh Andet	Kwaeng Tayee		468	60%							
			Prey Romdeng	Kirivong	Prey Romdeng Canal		510	60%							
	MOWRAM-CFAVC-KPC-CW14.2	Kampong Cham	Cheung Prey	Batheay	Pou Tatress	1	950	100%							
MOWRAM-CFAVC-KPT-CW12.2	Kampot	Sathpong/ Trameng/ Baniev	Chhouk	Trapeang Boeung	2	800	100%								
		Kandorl	Teuk	Kandorl		650									

Climat-Friendly Agribusiness Value Chains Sector Project (FAVC)  
 First Quarterly Progress Report 2023: January - March

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
				Chhou											
Plan for rehabilitation in year 2021 consisting of 4 Packages covering command area of						8	5028								
3. Plan for Project Feasibility study and Design in 2022															
2022	MOWRAM-CFAVC-KPC-CW14.3	Kampong Cham	Krouch	Prey Chhor	Teuk Cha East	2	1400	100%							Under pre-selection & screening
			Beung Nay	Prey Chhor	Teuk Cha West		1400	100%					Under pre-selection & screening		
	MOWRAM-CFAVC-TBM-CW13.3	Tbong Khmum	Teuk Chrov	Dambae	Choam Taheung	2	1500	60%							Received Topo Report
			Thmar Pich	Tbong Khmum	Trapaing Ampil		200	60%					Received Topo Report		
	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	60%					Under pre-selection & screening		
			Samraong	Tram Kak	Sdok Sab		300	60%					Under pre-selection & screening		
			Kropum Chhouk	Koh Andet	Pralay 85		850	60%					Under pre-selection & screening		
			Rominh	Koh Andet	Pralay 42 (pumping Station)		650	60%					Under pre-selection & screening		
	Soam	Kirivong	Soam Canal	400	60%					Received Topo Report					
MOWRAM-CFAVC-KPT-CW12.3	Kampot	Trapeang Pring	Teuk Chhou	Broweak Pong	1	70	100%						Received Topo Report		
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								

Table A1.1. MoWRAM Monitoring progress

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 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 roads 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
1. Plan for Project Feasibility study and Detailed Engineering Design in 2020																								
2020	CFAVC-KP-TP-CW2	Kampot	Tani	Angkor Chey	Trapeang Run	1	100	\$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				
	MOWRAM-CFAVC-TBM-CW13.1	Tbong Khmum	PREASH THEAT	Ou Raing Ov	Tumrup 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.2,234,441.34.	1-Sep-21		40%		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.2,234,441.34.	1-Sep-21	10	60%		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	0		13.57%					
MOWRAM-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	3 Jan 2022	KBH	CW15.1: SUD.1,392,848.85		10	5%								

Climat-Friendly Agribusiness Value Chains Sector Project (FAVC)  
 First Quarterly Progress Report 2023: January - March

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 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 roads 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	
	MOWRAM-CFAVC-KPC-CW14.1	Kampong Cham	Trapaing Kra Nhoung	Tram Kak	Kraing Empil Embankment	2	200	\$1.24	18-Mar-21	18-Apr-21	NOL with condition 11 Aug 2021	3 Jan 2022	KBH	CW15.1: SUD. 1,392,848.85	15 Jan 22	10 Months	5%		13.77%						
			Svay Teap	Chamkaler	Pram Kumpheak		900	\$0.45	18-Mar-21	18-Apr-21											11.39%				
			Preach Andong	Stoeng Trong	O Kamprok		350	\$0.91	27-Aug-21	27-Sep-21												12.92%			
	MOWRAM-CFAVC-KPT-CW12.1	Kampot	Srae Khnung	Chuom Kiri	Takouch (Prey Takoch)	1	450	\$0.92	24 Jan-22	24 Feb 22												12.44%			
Plan for rehabilitation in year 2020 consisting of 5 Packages covering command area of						9	3,250																		
2. Plan for Project Feasibility study and Design in 2021																									
2021	MOWRAM-CFAVC-TBM-CW13.2	Tbong Khmum	Chhouk	Krouch Chmar	Tbong Damrei Reservoir	2	600																		
			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																		
MOWRAM-	Kampot	Sathpong/	Chhouk	Trapeang	2	800																			

Climat-Friendly Agribusiness Value Chains Sector Project (FAVC)  
 First Quarterly Progress Report 2023: January - March

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 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 roads 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			
	CFAVC-KPT- CW12.2		Trameng/ Baniev		Boeung		650																
			Kandorl	Teuk Chhou	Kandorl																		
Plan for rehabilitation in year 2021 consisting of 4 Packages covering command area of						8	5028																
3. Plan for Project Feasibility study and Design in 2022																							
2022	MOWRAM- CFAVC-KPC- CW14.3	Kampong Cham	Krouch	Prey Chhor	Teuk Cha East	2	1400																
			Beung Nay	Prey Chhor	Teuk Cha West		1400																
	MOWRAM- CFAVC-TBM- CW13.3	Tbong 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 7: Detail Implementation Farm Road Program January – March 2023**

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

**CS1 - 001 SER: Project Implementation Consultants**

**FIRST QUARTERLY PROGRESS REPORT 2023  
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## Annex 7. Details Implementation Farm Road Program January – December 2023

### Annex 7.1 Progress farm Roads

#### 1. Introduction

##### Contract Under Progress Works on Site:

- CW17a-CFAVC-MRD-KP1/KP2-2020\_Kampot Province – RMCD Contractor
- CW17b-CFAVC-MRD-TK3-2020\_Takeo Province – HENAN Contractor
- CW17b-CFAVC-MRD-TK4-2020\_Takeo Province – HCHH Contractor
- CW17c-CFAVC-MRD-TBK5/TBK6-2020\_Tboung Khmum Province – HSB Contractor
- CW17d-CFAVC-MRD-KC7/KC8-2020\_Kampong Cham Province – MTA Contractor

##### Contract - DRP disclosed in Website ADB / Completed the Free Zone Area for request the Construction prior compensation / Already signed with MRD & Contractor:

- CW17b-CFAVC-MRD-TK-1A-Batch 2-Lot 1\_Takeo Province – 6 Stars Contractor
- CW17b-CFAVC-MRD-TK-2A-Batch 2-Lot 2\_Takeo Province – C-No Contractor

##### Contract Under Preparation of DRP / Pending Contract with MRD & Contractor:

- CW17a-CFAVC-MRD-KP-1A-Batch 2-Lot 1\_Kampot Province – Pending
- CW17a-CFAVC-MRD-KP-2A-Batch 2-Lot 2\_Kampot Province – Pending
- CW17d-CFAVC-MRD-KC-1A-Batch 2-Lot 1\_Kampong Cham Province – Pending
- CW17d-CFAVC-MRD-KC-2A-Batch 2-Lot 2\_Kampong Cham Province – Pending






##### Contract Under Preparation of DRP / Will Announced in Early of May 2023:

- CW17c-CFAVC-MRD-TBK-1A-Batch 2-Lot 1\_Tboung Khmum Province – Pending
- CW17c-CFAVC-MRD-TBK-2A-Batch 2-Lot 2\_Tboung Khmum Province – Pending








Batch-3 – Process the review of DED Drawings, BOQs / Under Preparation of DRP

#### 2. General Information of Current Contract Under Progress Work on Site








##### CW17a\_Kampot

 <b>Contract No</b>	:	<b>CW17a-CFAVC-MRD-KP1&amp;KP2-2020</b> Rehabilitation Rural Road 2 sub-projects with 3 road Alignment road (Total length 20.052Km longs) in <u>Kampot</u>
 <b>Contractor Name</b>	≡	<b>Royal Mekong Construction &amp; Development Pte., Ltd</b>
 <b>Contract Price</b>	≡	<b>CW17a-MRD-CFVAC-KP1-LOT-1: 1,266,929.22 USD</b> <b>CW17a-MRD-CFVAC-KP2-LOT-2: 877,375.76 USD</b>
 <b>Construction period</b>	≡	18 months (03 October 2022 – 03 April 2024)
 <b>Defect liability</b>	≡	12 months after finish construction








### CW17b\_Takeo Province

 <b>Contract No</b>	:	<b>CW17b-CFAVC-MRD-TK3/TK4-2020</b> Rehabilitation Rural Road 2 sub-projects with 5 road alignment road (Total length 14.67Km longs) in Takeo
 <b>Contractor Name</b>	oio	<b>Henan Water Construction Group Co., Ltd.</b>
 <b>Contract Price</b>	oio	<b>CW17b-CFAVC-MRD-TK3-2020</b> <b>Lot1: 1,243,719.86 USD</b> (2 roads with length is 10Km longs)
 <b>Contractor Name</b>	oio	<b>Hout Chhoeun Construction Co., Ltd.</b>
 <b>Contract Price</b>	oio	<b>CW17b-CFAVC-MRD-TK4-2020</b> <b>Lot2: 879,298.64 USD</b> (3 roads with length is 4.67Km longs)
 <b>Construction period</b>	oio	18 months (05 January 2022 – 05 August 2023)
 <b>Defect liability</b>	oio	12 months after finish construction

### CW17c\_Tboung Khmum Province

 <b>Contract No</b>	:	<b>CW17c-CFAVC-MRD-TBK5/TBK6-2020</b> Rehabilitation Rural Road 2 sub-projects with 2 road Alignment road (Total length 21.774Km longs) in <u>Tboung Khmum</u>
 <b>Contractor Name</b>	oio	<b>Heng Sambat Co., Ltd. import export Transportation and Construction</b>
 <b>Contract Price</b>	oio	<b>CW17c-CFAVC-MRD-TBK5-2020</b> <b>Lot1: 1,239,711.20 USD</b> (1 roads with length is 9.774Km longs)
 <b>Contractor Name</b>	oio	<b>Heng Sambat Co., Ltd. import export Transportation and Construction</b>
 <b>Contract Price</b>	oio	<b>CW17c-CFAVC-MRD-TBK6-2020</b> <b>Lot2: 1,444,588.37 USD</b> (3 roads with length is 12.00 Km longs)
 <b>Construction period</b>	oio	18 months (26 June 2023 – 16 November 2023)
 <b>Defect liability</b>	oio	12 months after finish construction

### CW17d\_Kampong Cham Province

 <b>Contract No</b>	:	<b>CW17d-CFAVC-MRD-KC7/KC8-2020</b> Rehabilitation Rural Road 2 sub-projects with 4 road Alignment road (Total length 14.603Km longs) in Kampong Cham
 <b>Contractor Name</b>	oio	<b>M.T.A Construction Co., Ltd.</b>
 <b>Contract Price</b>	oio	<b>CW17d-CFAVC-MRD-KC7-2020</b> <b>Lot1: 1,103,011.81 USD</b> (1 roads with length is 9.882Km longs)
 <b>Contractor Name</b>	oio	<b>M.T.A Construction Co., Ltd.</b>
 <b>Contract Price</b>	oio	<b>CW17d-CFAVC-MRD-KC8-2020</b> <b>Lot2: 611,183.48 USD</b> (3 roads with length is 4.721 Km longs)
 <b>Construction period</b>	oio	18 months (15 August 2022 – 14 February 2024)
 <b>Defect liability</b>	oio	12 months after finish construction

**3. Summary of Physical Progress Status:**

**Summary Table\_CW17a-CFAVC-MRD-KP1/KP2-2020\_Kampot Province**

Contract Number	Plan	Actual Work Completion	Slippage (%), (+/-)
CW17a-CFAVC-MRD-KP1-2020 LOT-1	39.21%	32.91%	-6.30%
CW17a-CFAVC-MRD-KP2-2020 LOT 2	64.78%	54.82%	-9.95%

As of 28 April, 2023

**Summary Table\_CW17b-CFAVC-MRD-TK3/TK4-2020\_Takeo Province**

Contract Number	Plan	Actual Work Completion	Slippage (%), (+/-)
CW17b-CFAVC-MRD-TK3-2020 LOT-1	87.46%	90.50%	+3.04%
CW17b-CFAVC-MRD-TK4-2020 LOT 2	84.95%	90.52%	+5.57%

As of 28 April, 2023

**Summary Table\_CW17c-CFAVC-MRD-TBK5/TBK6-2020\_Tboung Khmum Province**

Contract Number	Plan	Actual Work Completion	Slippage (%), (+/-)
CW17c-CFAVC-MRD-TBK5-2020 LOT-1	58.09%	58.10%	+0.01%
CW17c-CFAVC-MRD-TBK6-2020 LOT 2	60.05%	60.08%	+0.03%

As of 28 April, 2023

**Summary Table\_CW17d-CFAVC-MRD-KC7/KC8-2020\_Kampong Cham Province**

Contract Number	Plan	Actual Work Completion	Slippage (%), (+/-)
CW17d-CFAVC-MRD-KC7-2020 LOT-1	11.84%	26.20%	+14.36%
CW17d-CFAVC-MRD-KC8-2020 LOT 2	18.74%	23.35%	+4.61%

As of 28 April, 2023

**4. IPC Status**

**CONTRACT No.: CW17a-CFAVC-MRD-KP1&KP2-2020, Lot 1 & 2 (11.94 Km & 8.10 Km)**

**Royal Mekong Construction \$& Development Pte., Ltd**

No	Contract Name	Contract Amount	Province	IPC No	Payment	Accumulated IPC Payment	Credit Advised Date	Other
1	CW17a-CFAVC-MRD-KP1-2020, Lot 1	\$ 1,266,929.22	Kampot	IPC No. 1	\$ 274,273.52	\$ 274,273.52	on processing	Pending
					\$ 274,273.52			
	<b>Total Lot 1</b>	<b>\$ 1,266,929.22</b>			<b>\$ 274,273.52</b>	<b>\$ 992,655.70</b>		

1	CW17a-CFAVC-MRD-KP2-2020, Lot 2	\$ 877,375.76	Kampot	IPC No. 1	\$ 326,211.38	\$ 326,211.38	on processing	Pending
2					\$ 326,211.38			
	<b>Total Lot 2</b>	<b>\$ 877,375.76</b>			<b>\$ 326,211.38</b>	<b>\$ 551,164.38</b>		
	<b>Grand Total (Lot 1 + Lot 2)</b>	<b>\$ 2,144,304.98</b>			<b>\$ 600,484.90</b>	<b>\$ 1,543,820.08</b>		

**CONTRACT No.: CW17b-CFAVC-MRD-TK4-2020, Lot 2 (4.67Km)**

**Hout Chhoeun Construction Co., Ltd**

No	Contract Name	Contract Amount	Province	IPC No	Payment	Accumulated IPC Payment	Credit Advised Date	Other
1	CW17b-CFAVC-MRD-TK4-2020	\$ 879,298.64	Takeo	Advance	\$ 87,929.86	\$ 87,929.86		done
2				IPC No. 1	\$ 292,684.80	\$ 380,614.66	August 8, 2022	done
3				IPC No. 2	\$ 218,018.77	\$ 598,633.43	November 24, 2022	done
4				IPC No. 3	\$ 94,887.94	\$ 693,521.37	on processing	Pending
	<b>Total</b>	<b>\$ 879,298.64</b>			<b>\$ 693,521.37</b>	<b>\$ 185,777.27</b>	IPC (1+2)	

**CONTRACT No.: CW17b-CFAVC-MRD-TK3-2020, Lot 1 (10.00 Km)**

**Henan Water Construction Group Co., Ltd**

No	Contract Name	Contract Amount	Province	IPC No	Payment	Accumulated IPC Payment	Credit Advised Date	Other
1	CW17b-CFAVC-MRD-TK3-2020, Lot 1	\$ 1,243,719.86	Takeo	IPC No. 1	\$ 115,589.03	\$ 115,589.03		done
2				IPC No. 2	\$ 206,964.09	\$ 322,553.12		done
3				IPC No. 3	\$ 283,788.34	\$ 606,341.46	December 14, 2022	done
4				IPC No. 4	\$ 232,666.47	\$ 839,007.93	December 13, 2022	done
5				IPC No. 5	\$ 214,112.90	\$ 1,053,120.83	on processing	pending
<b>Total</b>		<b>\$ 1,243,719.86</b>			<b>\$ 1,053,120.83</b>	<b>\$ 190,599.03</b>	IPC (1+2+3+4)	

**CONTRACT No.: CW17c-CFAVC-MRD-TBK5&TBK6-2020 (9.774 Km & 12.00 Km)**

**Heng Sambat Co., Ltd Import Export Transportation and Construction**

No	Contract Name	Contract Amount	Province	IPC No	Payment	Accumulated IPC Payment	Credit Advised Date	Other
1	CW17c-CFAVC-MRD-TBK5-2020, Lot 1	\$ 1,239,711.20	Tboung Khmum	Advance	\$ 123,972.00	\$ 123,972.00		done
2				IPC No. 1	\$ 313,229.28	\$ 437,201.28	on processing	Pending
<b>Total Lot 1</b>		<b>\$ 1,239,711.20</b>			<b>\$ 437,201.28</b>	<b>\$ 802,509.92</b>		

1	CW17c-CFAVC-MRD-TBK6-2020, Lot 2	\$ 1,444,588.37	Tboung Khmum	Advance	\$ 144,459.00	\$ 144,459.00		done
2				IPC No. 1	\$ 336,195.48	\$ 480,654.48		done
3				IPC No. 2	\$ 80,305.59	\$ 560,960.07	on processing	Pending
<b>Total Lot 2</b>		<b>\$ 1,444,588.37</b>			<b>\$ 560,960.07</b>	<b>\$ 883,628.30</b>		
<b>Grand Total (Lot 1 + Lot 2)</b>		<b>\$ 2,684,299.57</b>			<b>\$ 998,161.35</b>	<b>\$ 1,686,138.22</b>		

**CONTRACT No.: CW17d-CFAVC-MRD-KC7&KC8-2020, Lot 1 & 2 (9.882 Km & 4.721 Km)**

**M.T.A Construction Co., Ltd**

No	Contract Name	Contract Amount	Province	IPC No	Payment	Accumulated IPC Payment	Credit Advised Date	Other
1	CW17d-CFAVC-MRD-KC7-2020, Lot 1	\$ 1,103,011.81	Kampong Cham	Advance	\$ 110,301.18	\$ 110,301.18		done
				IPC No. 1	\$ 176,527.08	\$ 286,828.26	on processing	Pending
	<b>Total Lot 1</b>	<b>\$ 1,103,011.81</b>			<b>\$ 286,828.26</b>	<b>\$ 816,183.55</b>		

1	CW17d-CFAVC-MRD-KC8-2020, Lot 2	\$ 611,183.48	Kampong Cham	Advance	\$ 61,118.35	\$ 61,118.35		done
2				IPC No. 1	\$ 94,477.30	\$ 155,595.65	on processing	Pending
	<b>Total Lot 2</b>	<b>\$ 611,183.48</b>			<b>\$ 155,595.65</b>	<b>\$ 455,587.83</b>		
	<b>Grand Total (Lot 1 + Lot 2)</b>	<b>\$ 1,714,195.29</b>			<b>\$ 442,423.91</b>	<b>\$ 1,271,771.38</b>		



**Progress with Implementation AWPB 2020 Farm Road program**

SUMMARY OF FINANCIAL STATUS						
Province	Contract	Target (Km)	Contract Amount (US\$)	Implementation progress		
				Physical Status up to 28 Apr 23 (%)	Financial (US\$)	
					Disbursement up to 31 Mar 23	Commitment up to 28 Apr 23
<b>Takeo</b> -TK3: Henan Water Construction Group Co., Ltd -TK4: Hout Chhoeun Construction Co., Ltd)	CW17b-CFAVC-MRD-TK3-2020	10.00 Km	US\$ 1,243,719.86	90.50%	US\$ 839,007.93	US\$ 214,112.90
	CW17b-CFAVC-MRD-TK4-2020	4.67Km	US\$ 879,298.64	90.52%	US\$ 598,633.43	N/A
<b>Kampot</b> Royal Mekong Construction & Development Pte., Ltd	CW17a-CFAVC-MRD-KP1-2020	11.94 Km	US\$ 1,266,929.22	32.91 %	US\$ 344,748.35	US\$ 274,273.52
	CW17a-CFAVC-MRD-KP2-2020	8.10 Km	US\$ 877,375.76	54.82%	US\$ 362,457.09	US\$ 326,211.38
<b>Kampong Cham</b> M.T.A Construction Co., Ltd	CW17d-CFAVC-MRD-KC7-2020	9.882 Km	US\$ 1,103,011.81	26.20%	US\$ 110,301.18	US\$ 176,527.08
	CW17d-CFAVC-MRD-KC8-2020	4.721 Km	US\$ 611,183.48	23.35%	US\$ 61,118.35	US\$ 94,477.30
<b>Tboung Khnum</b> Heng Sambat Co., Ltd	CW17c-CFAVC-MRD-TBK5-2020	9.774 Km	US\$ 1,239,711.20	58.10%	US\$ 123,972.00	US\$ 313,229.28
	CW17c-CFAVC-MRD-TBK6-2020	12.00 Km	US\$ 1,444,588.37	60.08%	US\$ 480,654.48	US\$ 80,305.59
<b>Total</b>		<b>71.087 KM</b>	<b>US\$ 8,665,818.34</b>	<b>436.48%</b>	<b>US\$ 2,920,892.81</b>	<b>US\$ 1,479,137.05</b>

**5. Variation Order and Additional Works**

• **Henan:**

- Unsuitable Materials
- Channel Excavation
- Gabion Boxes if any
- New location of new insert Pipe Culvert if any

**VO. and Additional works will be submitted soon**

• **HCHH:**

- N/A

• **HSB:**

- Unsuitable Materials
- Revise Design Subbase
- New Concrete Road
- Channel Excavation
- Rip-Rap V-Drain and Rip-Rap Protection
- New location of new pipe culvert (requested by commune)

**SUMMARY AMOUNT VO AND ADDITIONAL WORK (TBK5)**

Item No	Description	Contract Amount (USD)	Actual Amount (USD)	Difference Amount (USD)	Remark
1	Reinforced Concrete Pipe, 1@1000mm , 2@1000mm	39,040.00	40,560.00	1,520.00	VO
2	Roadway Excavation, Unsuitable	5,375.70	25,886.25	20,510.55	VO
3	Rip Rap Slop Protection	-	3600	3,600.00	Additional
<b>Total</b>				<b>25,630.55</b>	

**SUMMARY AMOUNT VO AND ADDITIONAL WORK (TBK6)**

Item No	Description	Contract Amount (USD)	Actual Amount (USD)	Difference Amount (USD)	Remark
1	Reinforced Concrete Pipe, 1@1000mm, 2@1000mm	36,480.00	44,800.00	8,320.00	VO
2	Roadway Excavation, Unsuitable	5,802.50	68,708.75	62,906.25	VO
3	RIP RAP V-DRAIN, L=4055m	-	175216.55	175,216.55	Additional
4	Revise Design Sub Base, L= 360m	-	7,452.00	7,452.00	VO
5	Concrete Pavement, L=700m	-	1084766.667	108,476.67	Additional
<b>Total</b>				<b>362,371.47</b>	

- **MTA:**
  - Resurveying Works
  - Unsuitable Materials
  - New location of new insert Pipe Culvert (requested by commune)
  - Concrete Lined side V-ditch (Class D)
  - Precast U drain and cover slab, (Concrete Class B1)
  - Concrete Class E, Blinding Concrete
  - Manholes

**Summary VO for KC7**

Item	Description	Original Contract	Variation Order	VO. Difference
		Amount (USD)	Amount (USD)	Amount (USD)
BILL NO. 2 - Earthwork and Allied Activities		107,069.82	176,021.96	68,952.14
BILL NO. 6 - Drainage & Protection work		48,900.00	61,480.00	12,580.00
Total Amount:		155,969.82	237,501.96	81,532.14

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**Summary VO for Re survey work of KC7**

Item	Description	Unit	Unit Rate (USD)	Original Contract		Re surveying of Q'ty		Difference		
				Q'ty	Amount (USD)	Q'ty	Amount (USD)	Q'ty	Amount (USD)	
BILL NO. 2 - Earthwork and Allied Activities										
2.2(1)	Roadway Excavation, Common	Cu. m	6.00	1,559.30	9,355.80	1,465.52	8,793.12	(93.78)	(562.68)	
2.6(1)	Embankment	Cu. m	3.00	8,347.28	25,041.84	10,254.18	30,762.54	1,906.90	5,720.70	
2.6(3)	Select Subgrade Material	Cu. m	4.00	16,809.27	67,237.08	20,232.25	80,929.00	3,422.98	13,691.92	
Total For Bill No.2 (Carried forward to Summary)						101,634.72		120,484.66		18,849.94

**Summary VO for Roadway Excavation, Unsuitable of KC7**

Item	Description	Unit	Unit Rate (USD)	Original Contract		Roadway Excavation, Unsuitable		Difference		
				Q'ty	Amount (USD)	Q'ty	Amount (USD)	Q'ty	Amount (USD)	
BILL NO. 2 - Earthwork and Allied Activities										
2.2(2)	Roadway Excavation, Unsuitable	Cu. m	10.00	543.51	5,435.10	427.1	42,721.00	3,728.59	37,285.90	
2.6(1)	Embankment	Cu. m	3.00		-	427.1	12,816.30	4,272.10	12,816.30	
Total For Bill No.2 (Carried forward to Summary)						5,435.10		55,537.30		50,102.20

**Summary VO for Change Q'ty of Pipe Culvert and Side drain of KC7  
 (Requested by Commune)**

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Item	Description	Unit	Unit Rate (USD)	Original Contract		Q'ty of VO		Difference	
				Q'ty	Amount (USD)	Q'ty	Amount (USD)	Q'ty	Amount (USD)
BILL NO. 6 - Drainage & Protection work									
6.1(1)	Reinforced Concrete Pipe, 1000mm (Including supporting concrete)	Metre	100.00	168.00	16,800.00	188	18,800.00	20.00	2,000.00
6.1(2)	Reinforced Concrete Pipe, 2@1000mm (Including supporting concrete)	Metre	200.00	24.00	4,800.00	26	5,200.00	2.00	400.00
6.1(7)	Wing Wall of Pipe Culvert, 1000mm	Number	650.00	42.00	27,300.00	44	28,600.00	2.00	1,300.00
	Concrete Lined Side V-ditch (Class D)	Metre	40.00		-	222	8,880.00	222.00	8,880.00
Total For Bill No.6 (Carried forward to Summary)					48,900.00		61,480.00		12,580.00

Summary VO for KC8

Item	Description	Original Contract	Change	Difference
		Amount (USD)	Amount (USD)	Amount (USD)
BILL NO. 2 - Earthwork and Allied Activities		7,107.88	88,808.40	73,833.89
BILL NO. 5 - Structure		72,379.20	88,808.40	16,429.20
BILL NO. 6 - Drainage & Protection work		47,372.00	55,580.00	12,208.00
Total Amount:		126,859.08	233,196.80	102,471.09

Summary VO for Roadway Excavation, Unsuitable of KC8

Item	Description	Unit	Unit Rate	Original Contract	Roadway Excavation,	Difference
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Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
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			(USD)			Unsuitable			
				Q'ty	Amount (USD)	Q'ty	Amount (USD)	Q'ty	Amount (USD)
BILL NO. 2 - Earthwork and Allied Activities									
2.2(2)	Roadway Excavation, Unsuitable	Cu. m	10.00	546.76	5,467.60	6226.29	62,262.90	5,679.53	56,795.30
2.6(1)	Embankment	Cu. m	3.00	546.76	1,640.28	6226.29	18,678.87	5,679.53	17,038.59
Total For Bill No.2 (Carried forward to Summary)						7,107.88		80,941.77	73,833.89

Summary VO for Propose Box Culvert of KC8-1  
 (Requested by Commune)

Item	Description	Unit	Unit Rate (USD)	Original Contract		Q'ty of VO		Difference	
				Q'ty	Amount (USD)	Q'ty	Amount (USD)	Q'ty	Amount (USD)
BILL NO. 5 - Structure									
5.1(3a)	Concrete Class B1 (32Mpa-19mm) For concrete Pavement	Cu.m	140.00	391.68	54,835.20	471.26	65,976.40	79.58	11,141.20
5.1(8)	Concrete Class E (17MPa-50mm), blinding Concrete (50mm)	Cu.m	100.00		-	4.64	464.00	4.64	464.00
5.2(2)	Grade 400 Deformed Reinforcing Bar	Tonne	800.00	21.93	17,544.00	27.31	21,848.00	5.38	4,304.00
5.6(1)	Railing (Concrete Railing)	L.metre	100.00		-	5.2	520.00	5.20	520.00
Total For Bill No.5 (Carried forward to Summary)						72,379.20		88,808.40	16,429.20

Summary VO for Change Q'ty of Pipe Culvert and Side drain of KC8  
 (Requested by Commune)

Item	Description	Unit	Unit Rate (USD)	Original Contract		Q'ty of VO		Difference	
				Q'ty	Amount (USD)	Q'ty	Amount (USD)	Q'ty	Amount (USD)
BILL NO. 6 - Drainage & Protection work									
	Reinforced Concrete Pipe, 600mm (Including supporting concrete)	Metre	80.00		-	7.00	560.00	7.00	560.00

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6.1(2)	Reinforced Concrete Pipe, 2@1000mm (Including supporting concrete)	Metre	200.00	16.00	3,200.00		-	(8.00)	(1,600.00)
6.1(8)	Wing Wall of Pipe Culvert, 2@1000mm	Number	1,200.00	4.00	4,800.00		-	(2.00)	(2,400.00)
6.1(13)	Concrete Class E, blinding concrete (50mm)	Cu.m	100.00	27.42	2,742.00	33.50	3,350.00	6.08	608.00
6.4(1)	Precast U drain and cover slab, (Concrete Class B1)	Metre	55.00	666.00	36,630.00	818.00	44,990.00	152.00	8,360.00
	Manhole	Number	500.00		-	2.00	1,000.00	2.00	1,000.00
	Concrete Lined Side V-ditch (Class D)	Metre	40.00		-	142.00	5,680.00	142.00	5,680.00
Total For Bill No.6 (Carried forward to Summary)						47,372.00		55,580.00	12,208.00

- **RMCD:**

- Resurveying Works
- Unsuitable Materials
- Concrete Class E, Blinding Concrete
- Dynamic Load Test on RC Pile
- Guide Post

#### 6. Issued for Batch-2 & Batch-3 Solution

- Cooperate CS-1 & CS-5 need to review the DED drawings for the remaining Batch-2 and Batch-3
- Review the Quantities of the BOQs for remaining Batch-2 and Batch-3 by fixed the BOQs of each item from Bill No. 1 to Bill No.10 consistent to the DED Drawings
- Review the Item for the Provisional Sum to prevent and VO. occur on the actual site progress such as increasement of Unsuitable Materials, Dayworks Cost...etc.
- Adjust the Contingency percentage (%)

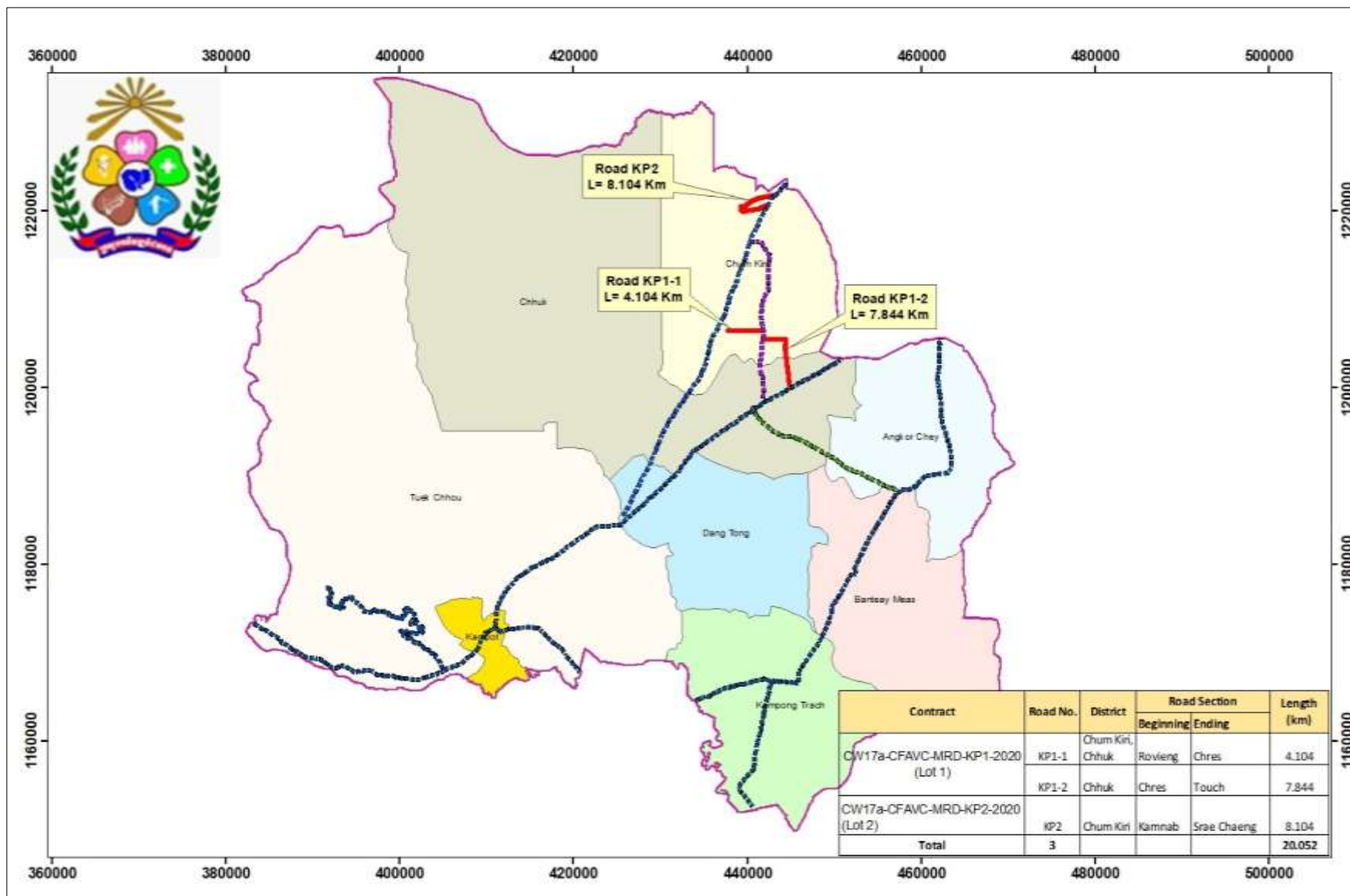
#### 7. Input of Expertise

- Will be discussed with CS-1 Team Leader and MRD, MAFF, MOWRAM at the MTR / ADB Mission date from 29<sup>th</sup> to 09<sup>th</sup> June 2023 (Mid-Term-Review)

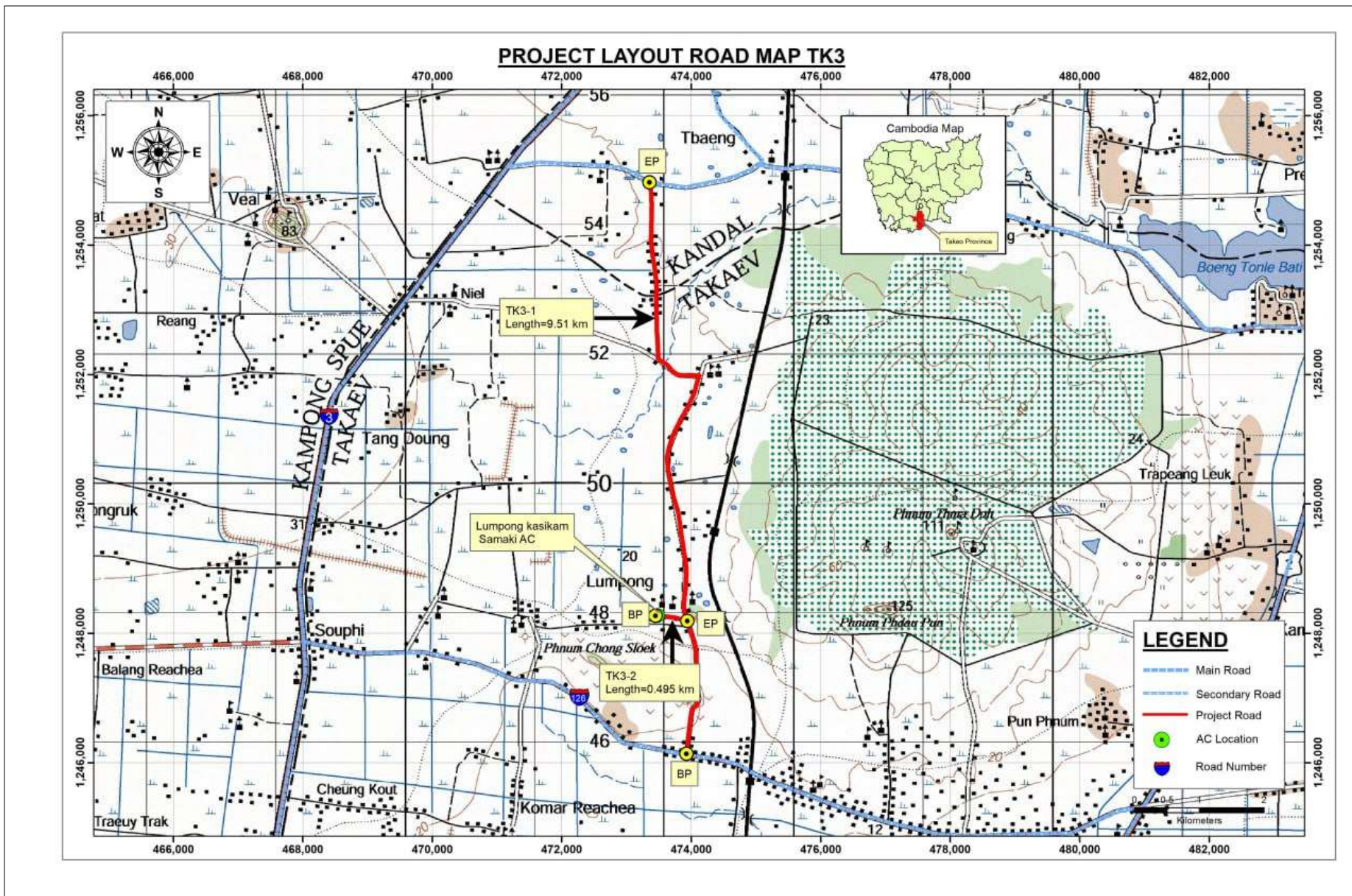
#### 8. Annex – Location Map



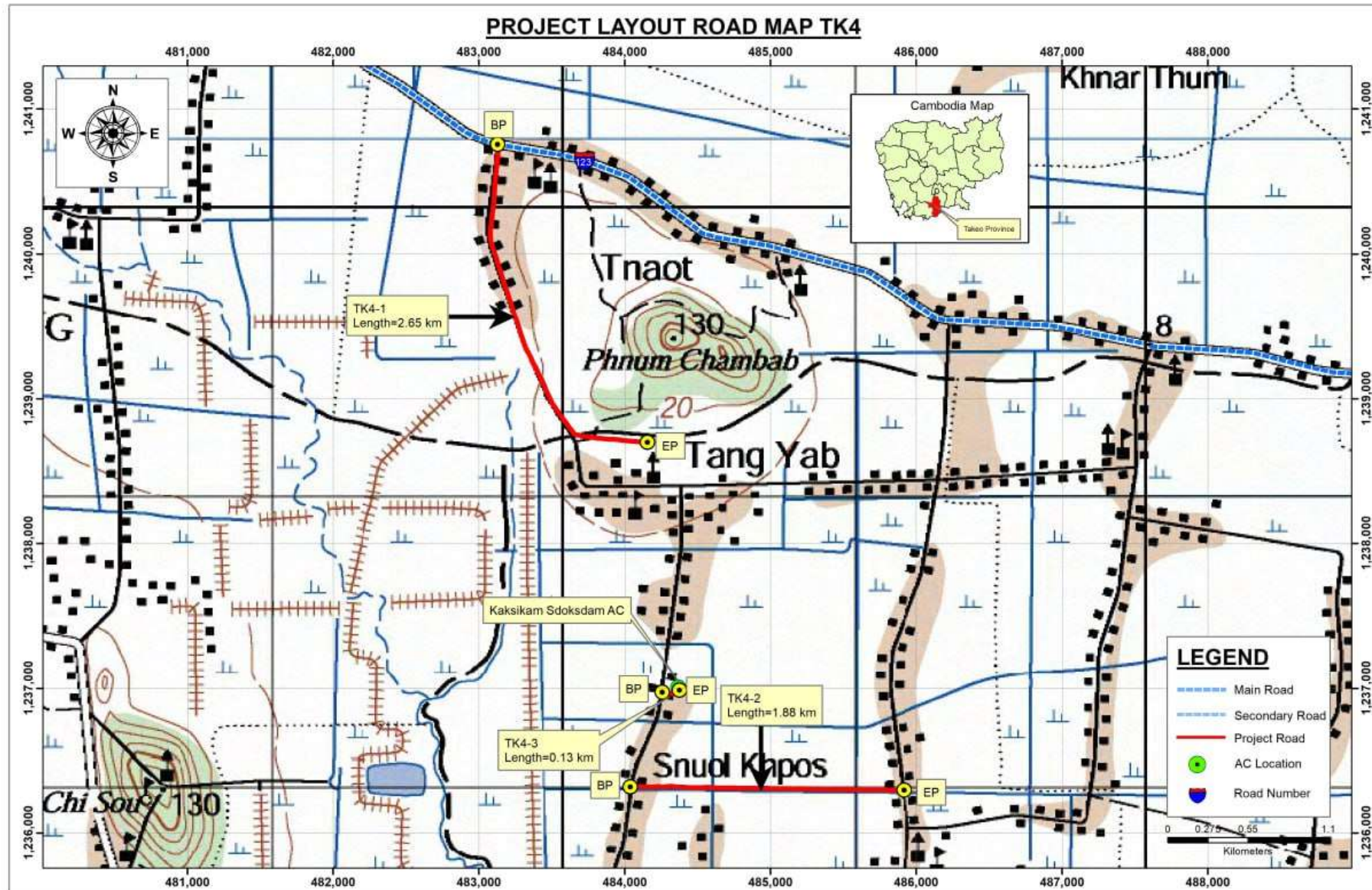
**CW17a-CFAVC-MRD-KP1&KP2-2020\_Kampot Province**



CW17b-CFAVC-MRD-TK3&TK4-2020\_Takeo Province

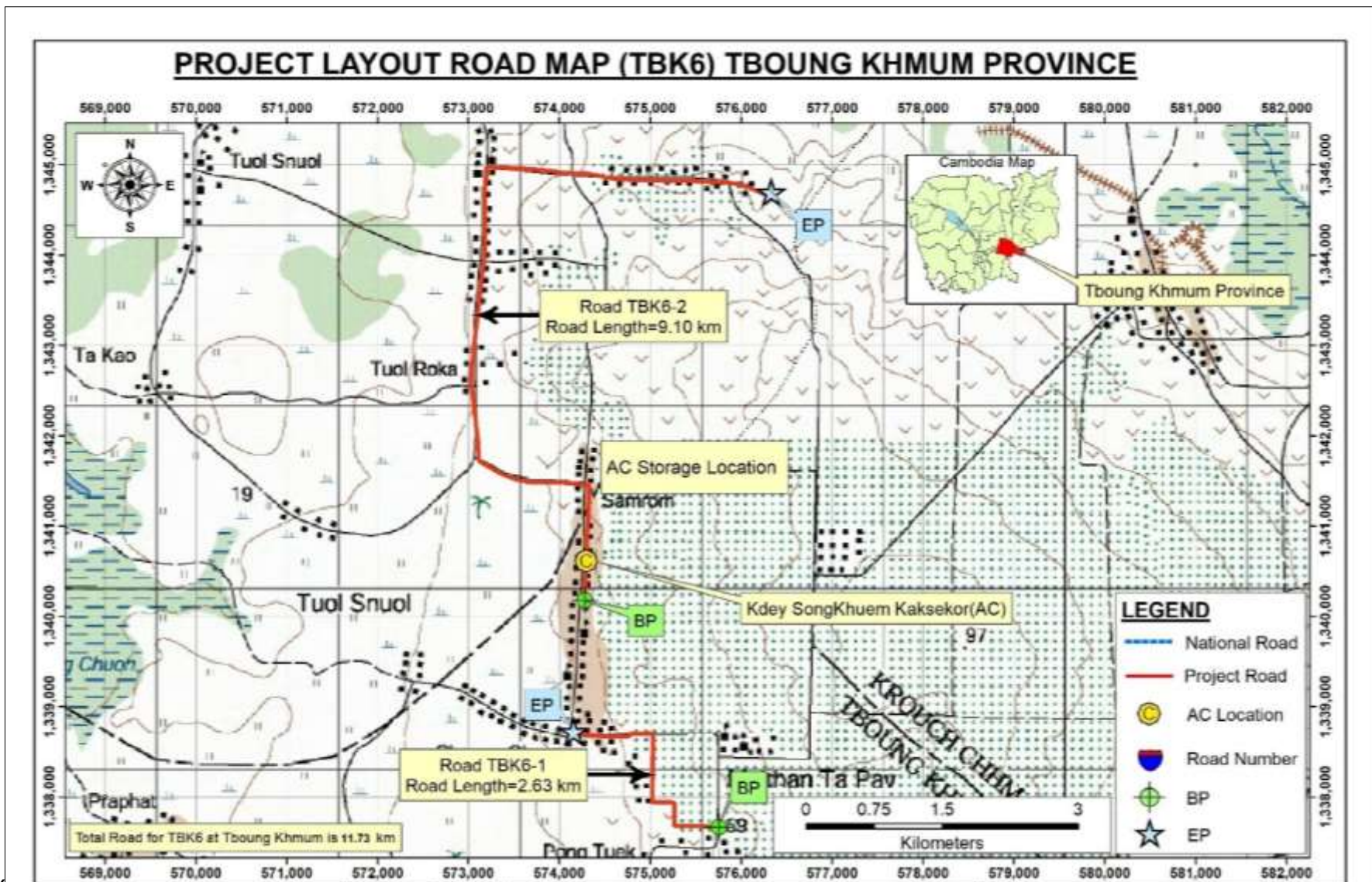






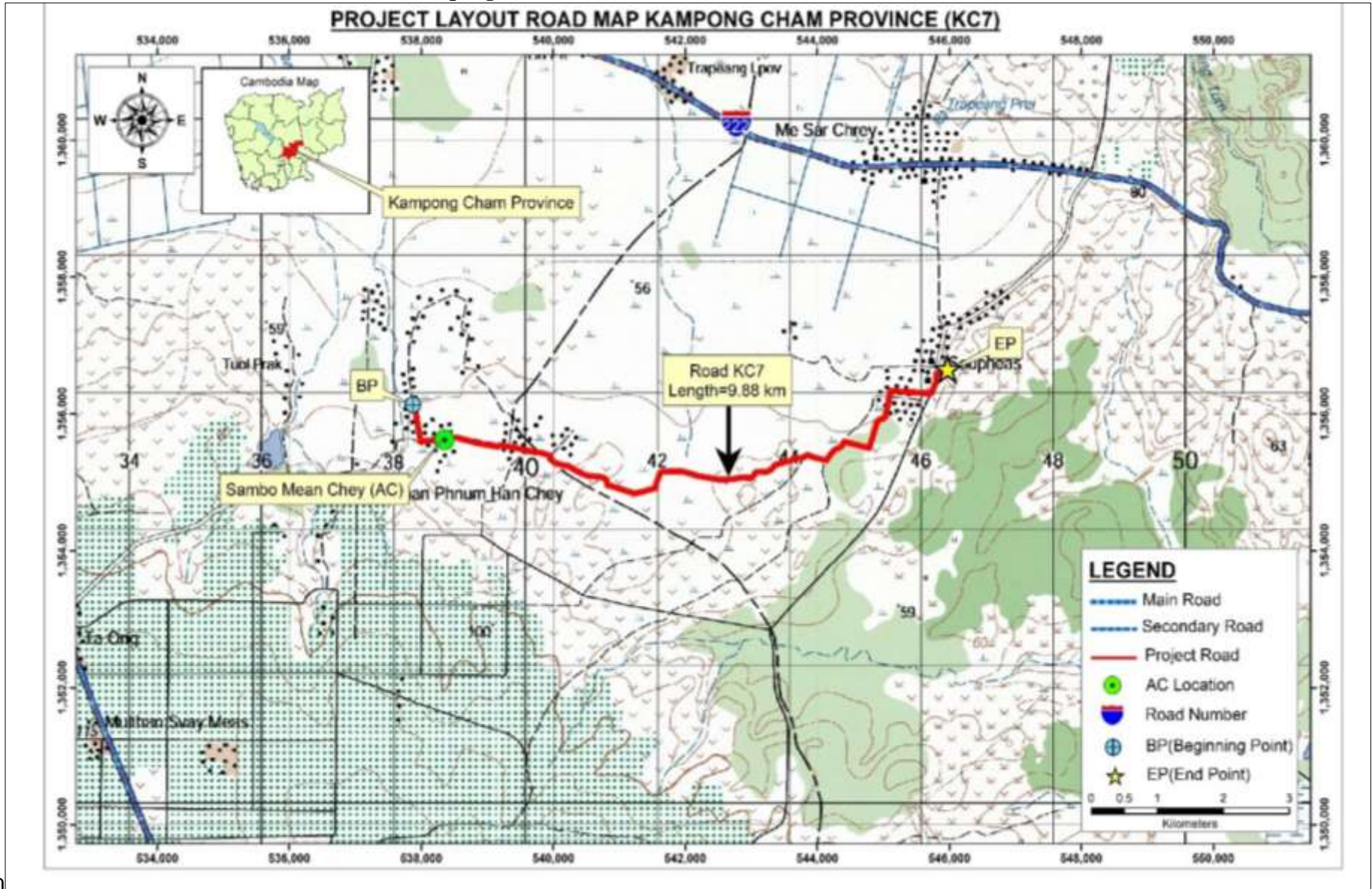


CW17c-CFAVC-MRD-TBK5/TBK6-2020\_Tboung Khmum Province



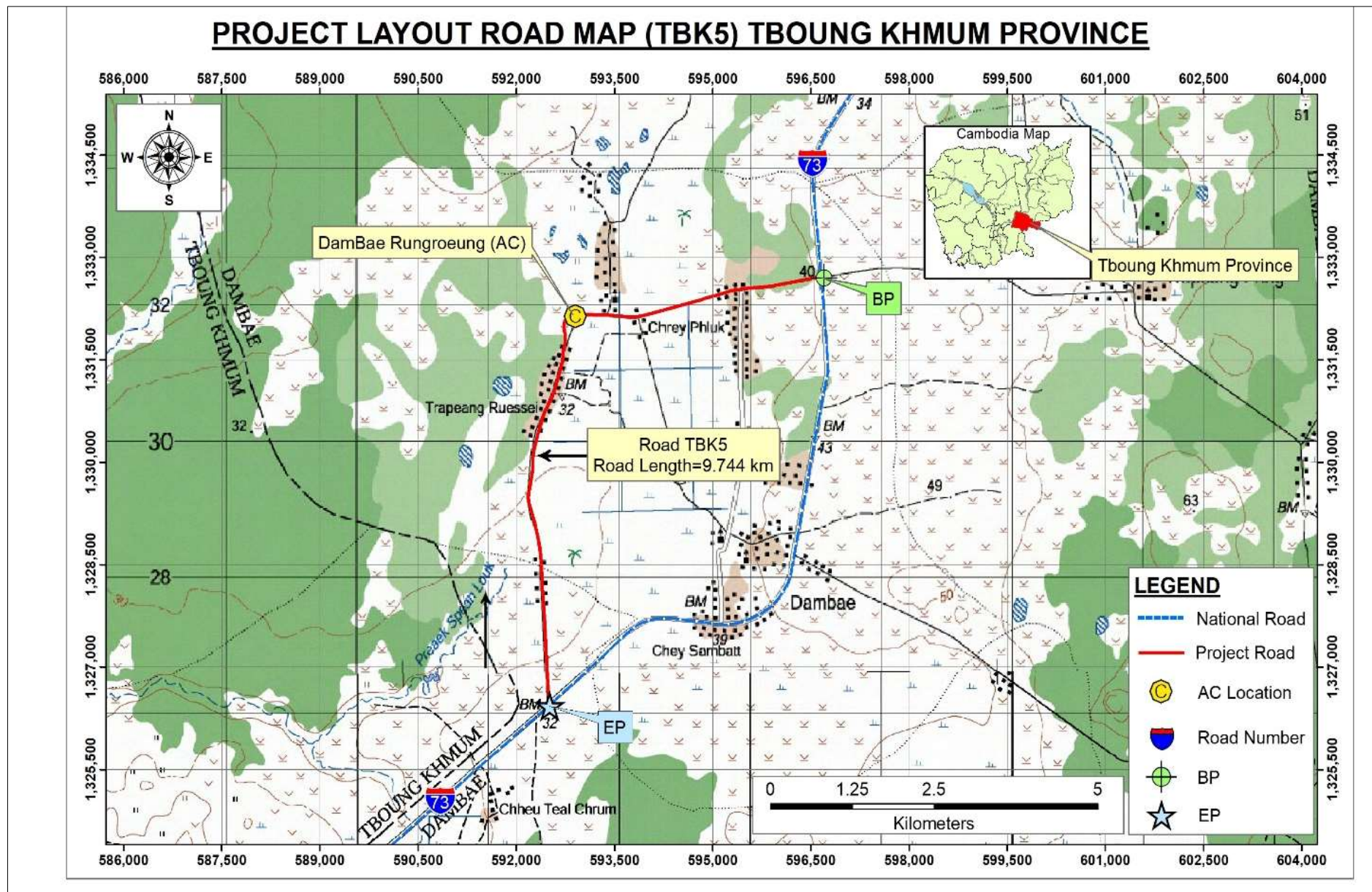


CW17d-CFAVC-MRD-KC7/KC8-2020\_Kampong Cham Province

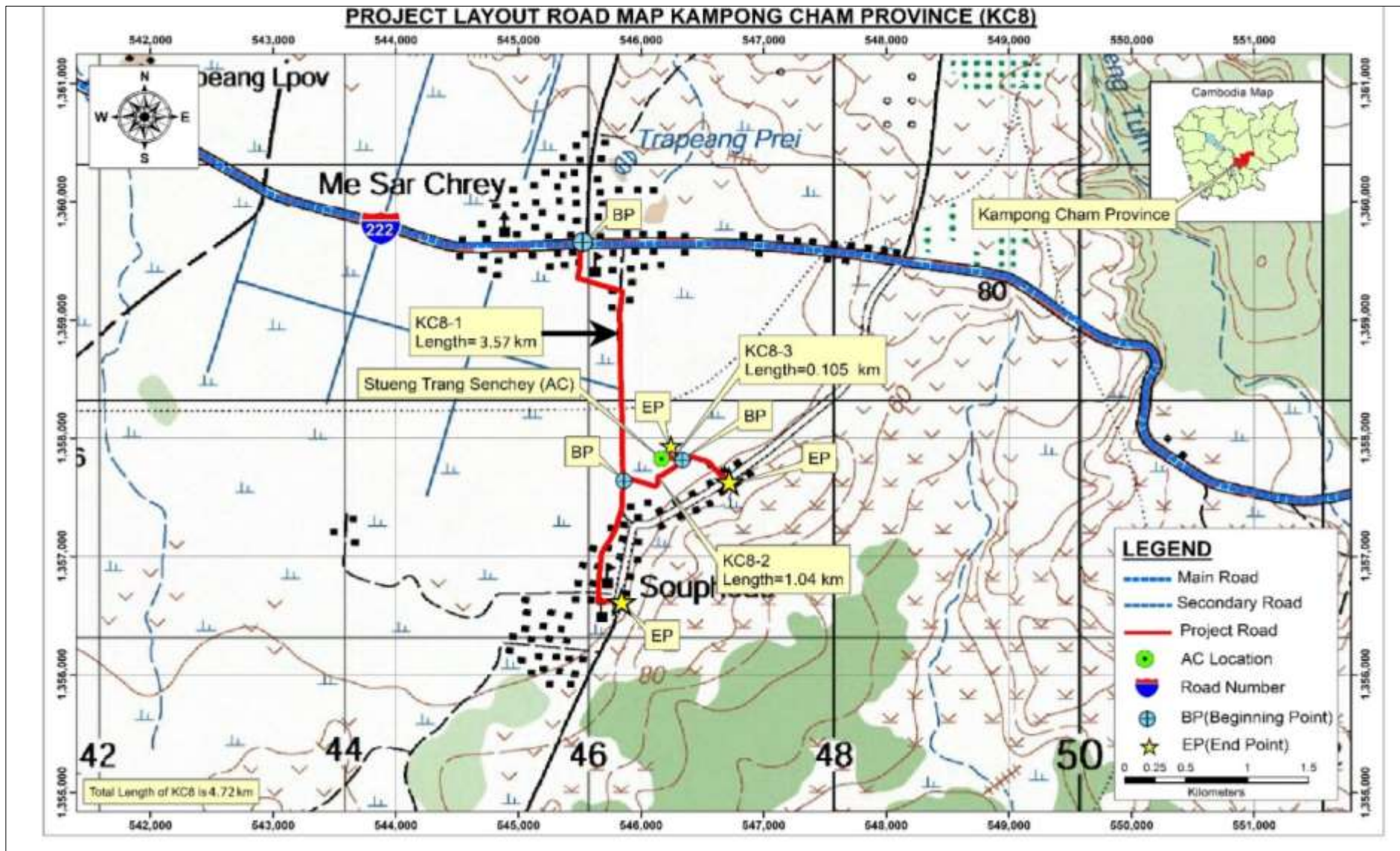


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Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)

First Quarterly Progress Report 2023: January - March

Annex 7.2 Progress for farm Road Program as per reporting period

Status of AWP 2021 Subprojects (Batch II)

General information												Implementation Progress																										
No	Provinces	Sub Project Name	PSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location Village, Commune, District	Estimate Cost US\$	Unit 1	Length	AC name	Market name	Subproject preparation process										Procurement Process				Implementation Process											
													FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	DDR	IEE	1 ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)	Contract Award	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion (Completed Certified)			
1-4	Kampot	Trapeang Ta Meas-OKandoal		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 1)	9	Rural Road improvement (DBST)	Trapeang Tameas, Khcheay Khang Lech, Khcheay Khang Keut and O'Kandoal village, Dammak Sokrom commune, Dang Tong district	2,201,113.23	Km	6.395	Ratanak Polroth Samaki	Dong Tung	100%	100%	100%	100%							02-May-22		27 Jan 2023	BER being preparation												
		Prey Kraing Khang Cheung-Trapang Chhuk		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 1)	9	Rural Road improvement (DBST)	Prey Kraing Khang Cheung, Prey Kraing Khang Tboung and Trapeang Chhuk village, Mearnith commune, Dang Tong district		Km	6.568	Prey kraing Mearnith	Dong Tung	100%	100%	100%	100%							02-May-22															
		Snay Anchet-Thlok Yul		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 2)	5	Rural Road improvement (DBST)	Snay Anchet, Prey Khcheay, Roka Thmei Doung, Thlok Yul and Prey Khmao village, Snay Anchet commune, Chum Kiri district		Km	3.817	Samaky Amatak	Chum Kiri	100%	100%	100%	100%							02-May-22															
		Trapeang Run-Bariveas		CW17a-CFAVC-MRD-KP-1A&2A-Batch 2 (Lot 2)	5	Rural Road improvement (DBST)	Trapeang Run, Dammak Chambak and Dammak Trayeung village, Samrong Leur commune, Bariveas Meas district		Km	5.281	Sen Han Chamroen phal	Tram Sar Sar	100%	100%	100%	100%							02-May-22															
<b>Sub-Total Kampot</b>								<b>3,605,058.00</b>	<b>Km</b>	<b>22.061</b>	<b>4.00</b>																											
6-9	Takeo	Phlov Lek 132 -Phum Ang Trao -Phum Steung		CW17b-CFAVC-MRD-TK1A-Batch 2 (Lot 1)	6	Rural Road improvement (DBST)	Ang Trao, Trapeang Kranh, Thnaot Chum and Stueung village, Ou Saray commune, Tramkakk district	2,131,618.83	Km	8.203	Samaky Trapeang Kralanh	Ang Tasom	100%	100%	100%	100%								02-May-22		29 Sept 2023	BER submitted											
		NR No. 3- Trao Aem-Phum Steung		CW17b-CFAVC-MRD-TK1A-Batch 2 (Lot 1)	6	Rural Road improvement (DBST)	Ang Baksey, Trao Aem, Prey Chuor, Prey Mean and Prey Chheuteal village, Cheang Tong& Popel communes, Tramkakk district		Km	5.773	Baksey Rikreay	Ang Tasom	100%	100%	100%	100%							02-May-22		Contract Awarded			03-Feb-23										
		NR No. 3- Ysay La-Trapeang Chak		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Trapeangchak and Ysay La village, Tramkakk commune, Tramkakk district, Takeo		Km	3.385	Samaki Trapeang Chak		100%	100%	100%	100%							02-May-22															
		Chi Moreas-Tapao		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Chi Moreas, Tapao, Prasat, Pou Bay, Ang Khchoa and Han Tea village, Kampeng commune, Kirivong district		Km	5.406	Kampeng Soksens Sambo	Tonloap	100%	100%	100%	100%							02-May-22		Contract Awarded			03-Feb-23										
		Trapeang Srange-Ang Thnoat Khang Lech		CW17b-CFAVC-MRD-TK2A-Batch 2 (Lot 2)	10	Rural Road improvement (DBST)	Trapeang Srange, O'Phot and Ang Thnoat Khang Lech village, Angtasom commune, Tramkakk district, Takeo		Km	3.970	Trapeang Srange		100%	100%	100%	100%							02-May-22															
<b>Sub-Total Takeo</b>								<b>4,056,654.00</b>		<b>26.737</b>	<b>5.00</b>																											
10-13	Thong Khmum	Plov Wat Chroul-Chamkar Ko-Kbal Thnal		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Chamkar Kor, Chroul, Trapeang Kandai, Trach Chum, Deum Changkran and Kbal Thnal village, Chak and Toul Sophei commune, Ou Reang Ov district	2,247,270.00	Km	8.110	Samaki Meanchey	Ou Reang Ov	100%	100%	100%	100%								02-May-22														
		NR No.73-Sralab-Phum Smounh		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Sralab, Smounh, Lea Thum and Thlok Pongro villages, Sralab and Lngsang communes, Thong Khmum district		Km	5.630	Lngsang Meanchey	Soung	100%	100%	100%	100%							02-May-22															
		NR No.73- Kok Srok		CW17c-CFAVC-MRD-TBK-1A-Batch 2 (Lot 1)	7	Rural Road improvement (DBST)	Kok Srok village, Koksrok commune, Dambaed district		Km	2.823	Baitong Kok Srok	Dambaer	100%	100%	100%	100%							02-May-22															

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
 First Quarterly Progress Report 2023: January - March

General information												Implementation Progress																																			
No	Provinces	Sub Project Name	PCSS No. Assigned	Sub Project Number	Package No.	Scope of Works	Location Village, Commune, District	Estimate Cost US\$	Unit 1	Length	AC name	Market name	Subproject preparation process								Procurement Process				Implementation Process																						
													FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	DDR	IEE	1 ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)	Contract Award	Contract date	Contract Value	Contractor name	Start date	Work Progress	Payment Progress	Completion (Completed Certified)												
12		Phum Samrey-Koki		CW17c-CF AVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Phum Ang Keng, Samrey and Trapeang Santhey and Koki village, Kak commune, Ponhea Kraek district	2,343,017.36	Km	4.908	Samaki Kak	Steung	100%	100%	100%	100%	Category B Demarcated, Conducted PCM & DMS, DRPs are being prepared by GDR with support from CSS social safeguards specialists.	100%																													
13		Toukandal-Toul Chan		CW17c-CF AVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Khsak, Toul Kandal and Toul Chan villages, Popel commune, Ponhea Kraek district		Km	2.789	Popel Meanchey	Steung	100%	100%	100%	100%																															
14		Phlov Phum Popel		CW17c-CF AVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Popel village, Popel commune, Ponhea Kraek district		Km	1.446	Alphirik Ponhea Kraek Dambae	Dambae, Steung	100%	100%	100%	100%																															
15		NR No.7 - Andoung Chrun-La		CW17c-CF AVC-MRD-TBK-2A-Batch 2 (Lot 2)	11	Rural Road improvement (DBST)	Lar village, Kaong Kang commune, Ponhea Kraek district		Km	3.748	Ponhea Kraek Rongroeng	Steung	100%	100%	100%	100%																															
Sub-Total Tbong Khnum								4,590,287.36	Km	29.454	7.00																																				
17		Andoung Snay-Sdok Thom		CW17d-CF AVC-MRD-KC-1A&2A-Batch 2 (Lot 1)	12	Rural Road improvement (DBST)	Andoung Snay, Cheung Prey, Trabak, Trayong Pong and Sdok Thom villages, Cheung Prey and Tang Krasang commune, Batheay district	1,417,291.71	Km	3.925	Alphivath Muthan Yeung	Phaav, Tumrup, Sandaek	100%	100%	100%	100%	Category B Demarcated, Conducted PCM & DMS, DRPs are being prepared by GDR with support from CSS social safeguards specialists.	100%																													
18		Trapsang Kor (NR6)-Trapsang Thmar		CW17d-CF AVC-MRD-KC-1A&2A-Batch 2 (Lot 1)	12	Rural Road improvement (DBST)	Tra Peang Kor, Krangoak, Saang and Trapeang Thmar village, Tra Peang Kor commune, Prey Chhor district		Km	5.500	Alphikwat Kaksikor	Skun, Wat Thmey	100%	100%	100%	100%																															
19		Pou Sala Ti Mouy (NR70)-Sach Sour		CW17d-CF AVC-MRD-KC-1A&2A-Batch 2 (Lot 2)	8	Rural Road improvement (DBST)	Phum Pou Sala Ti Mouy, Sach Sour, Damnak Chrey, Damnak Snay and Peam Chi Krong villages, Peam Chi Krong and Prek Krabao commune, Kang Meas district		697,620.00	Km	4.983	Punlok Thmey	Peam Chi Kang	100%	100%	100%		100%																													
20		Dankao-Trapeang Bel		CW17d-CF AVC-MRD-KC-1A&2A-Batch 2 (Lot 2)	8	Rural Road improvement (DBST)	Ampl Thum, Preah Theat, Dankor, Baray, Prey Rumdeng, Trapeang Bel and Sankae villages, Prey Chhor, Khvet Thum and Baray communes, Prey Chhor district, Kampong Cham		1,071,980.00	Km	7.657	Samaki Baray Andong AAng	Prey Toteung	100%	100%	100%		100%																													
Sub-Total Kampong Cham								3,186,891.71	Km	22.065	4.00																																				
Grand total Batch II								15,438,891.07		100.317	20.00																																				

Annex 7.3 Progress for farm Road Program as per 31 March 2023

Status of AWP 2022 Subprojects (Batch III)

General information																	Implementation Progress																								
No	Provinces	Sub Project Name	PCSS No. Assigned	Sub Project #	Package No.	Scope of Works	Location Village, Commune, District	Estimate Cost US\$	Unit 1	Length	AC name	Market name	Contract date	Contract Value	Contractor name	Start date	Unit 2	Subproject preparation process (60%)										Procurement Process (Scores: 15%)			Implementation Process (25%)										
																		FSR (NOL)	Topo survey	DED	Gender	Social Safeguard	IEE	Gender	DDR	IEE	1 ADB Review	2nd ADB Review	ADB's NOL	Tendering (NOL)	Invitation to bid	BER (NOL)	Contract Award	Contract date	Contract Value	Contractor name	Start date				
1	Kampot	Prey Yav		CW17b-CFAVC-MRD-KP1-2022		Rural Road improvement (DBST)	Sre Knung commune, Chum Kiri	0.00			Chamreun Chey Preyao							100%	100%	95%	100%		95%						70%												
2		Prey Chheu Neang-Ponhea Ankor		CW17b-CFAVC-MRD-KP-1A-Batch 3		Rural Road improvement (DBST)	Wat Ang Khaing Chheasung, Banteay Meas	1,861,800.00		12.390	Pohnea Angkor Chamreun Chey							100%	100%	95%	100%	Category B Demarcated, Conducted PCM & Conducting DMS,	95%						70%												
3		Svay Paem- Toteum		CW17b-CFAVC-MRD-KP3-2022		Rural Road improvement (DBST)	Wat Ang Khang Chheasung commune, Banteay Meas District	0.00			Svay Phaem Chamroeun Phal							100%	100%	95%	100%		95%						70%												
4		Teuk Kraham		CW17b-CFAVC-MRD-KP4-2022		Rural Road improvement (DBST)	Kandal commune, Teuk Chhou district	0.00			Tuek Kraham Akpiewat Rik Chamroeun							100%	100%	95%	100%		95%						70%												
Sub-Total Kampot								1,861,800.00		12.390	4.00			0.00																											
5	Takeo	Trapeang Pring- Cheav Pdei Khang Keut		CW17b-CFAVC-MRD-TK1A-Batch 3 (Lot 1)		Rural Road improvement (DBST)	Ta Ou commune, Kirivong district	2,789,600.00		4.510	Kiri Udom Ta Ou							100%	100%	95%	100%	Category B Demarcated 4/6, Conducted PCM 4/6 & Conducting DMS,	95%					70%													
6		Trapeang Trakiet- Svay Prey		CW17b-CFAVC-MRD-TK1A-Batch 3 (Lot 1)		Rural Road improvement (DBST)	Udom Sorya commune, Tramkok district			9.040	Udom Sorya								100%	100%	95%		100%		95%				70%												
7		Prey Kdouch- Phlov Lok		CW17b-CFAVC-MRD-TK1A-Batch 3 (Lot 1)		Rural Road improvement (DBST)	Trapeang Kranhoung commune, Tramkok district			6.530	Samaky Meanchey								100%	100%	95%		100%		95%				70%												
8		Khnach Khang Thbong-Bel Pey		CW17b-CFAVC-MRD-TK2A-Batch 3		Rural Road improvement (DBST)	Romoan village, Boeung Tranh Khang Cheung commune, Samroang district			6.660	Punleu Kasikar								100%	100%	95%		100%		95%				70%												
9		Deum Thlok- Prey Nheuk		CW17b-CFAVC-MRD-TK2A-Batch 3		Rural Road improvement (DBST)	Chum Reas Pen commune, Samroang district		2,662,000.00		5.690	Phum Boeng Amatak							100%	100%	95%		100%		95%				70%												
10	Tamau-Trapeang Vihear		CW17b-CFAVC-MRD-TK2A-Batch 3		Rural Road improvement (DBST)	Cheung Koun village, Cheung Koun commune, Samroang district			6.080	Cheung Koun Choukchey							100%	100%	95%	100%		95%				70%															
Sub-Total Takeo								5,451,600.00		38.510	6.00			0.00																											
11	Thbong Khmum	Chey Nikum- Char Steung Tathok		CW17c-CFAVC-MRD-TBK-1A-Batch 3			Kandal Chhrom commune, Ponhea Kraek district	2,942,050.00		5.800	Chey Nikum Meanchey							100%	100%	95%	100%	Category B Demarcated, Conducted PCM & DMS, DRPs are being prepared by GDR with support from CSS social safeguards specialists.	95%				70%														
12		Seda Senchey-Rumpeak 2		CW17c-CFAVC-MRD-TBK-1A-Batch 3			Sedasenchey village, Dambae commune, Dambae district			7.640	Seda Meanchey	Dam Bae, Steung							100%	100%	95%		100%		95%				70%												
13		Sen Prapey- Kampey		CW17c-CFAVC-MRD-TBK-1A-Batch 3					Rumchek commune, Memot district		2.020	Rumchek Meanchey	Soung						100%	100%	95%		100%		95%				70%												
14		Dar Phsar- Spean		CW17c-CFAVC-MRD-TBK-1A-Batch 3					Da commune, Memot district		6.600	Dar-Memot Pepper	Soung						100%	100%	95%		100%		95%				70%												
Sub-Total Thbong Khmum								2,942,050.00		22.060	4.00			0.00																											
15	Kampong Cham	Tumpor- Sa Ang		CW17d-CFAVC-MRD-KC-1A-Batch 3			SoYak Sen commune, Prey Chhor district	1,483,190.00		3.230	Akpiwat Srok Yoeung	Sdeung Chey, Skun						100%	100%	95%	100%	Category B Demarcated, Conducted PCM & DMS, DRPs are being prepared by GDR with support from CSS social safeguards specialists.	95%				70%														
16		Kandal Khnhong-Ankorcheu Leu		CW17d-CFAVC-MRD-KC-1A-Batch 3			Moha Khnhong commune, Kaoh Sotin district			4.550	Sammky Mohakhnhoung								100%	100%	95%		100%		95%				70%												
Sub-Total Kampong Cham								1,483,190.00		7.780	2.00			0.00																											
Grand total Batch III								9,876,840.00		80.740	16.00																														



## **ANNEX 8: Details Social Safeguard Monitoring January – March 2023**

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

**CS1 - 001 SER: Project Implementation Consultants**

**FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH**



**TERMS OF REFERENCE  
FOR INDEPENDENT THIRD PARTY  
IRRIGATION LAND/ ASSETS DONATION**

Selection Number: .....

Project SC 115710 CAM	<b>Independent Third-Party Verification and Validation of Voluntary Land Donation</b>
Expertise Expertise Group Source	<b>Third party validation specialist Social &amp; Political Science National</b>

**1. Objective and Purpose of the Assignment**

The Climate-Friendly Agribusiness Value Chain Sector Project (CFAVC, the project) will improve 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.

The Ministry of Agriculture Forests and Fisheries (MAFF) will be the executing agency in Cambodia. Implementing agencies are, the Ministry of Water Resources and Meteorology for the implementation of any irrigation rehabilitation activities; and the Ministry of Rural Development for the implementation of any road access improvement under the project.

The overall the project is categorized as B for involuntary resettlement. Irrigation rehabilitation and access road improvement subprojects will be identified during implementation of the project which might require acquisition of small strips of land to accommodate access road and distribution canal improvement. The main approach to land acquisition will be through negotiated settlement based upon current replacement cost of the asset. In some cases, and in order to secure the subproject, it is possible that some households may voluntarily donate small strips of land in order to secure a clear benefit. This assignment covers only, where voluntary donations are involved. Reference: <https://www.adb.org/sites/default/files/linkedddocuments/48409-002-larfab.pdf>.

**2. Aim of this Contract**

The aim of this contract is to independently verify whether the land and assets donation process, required to implement a number of Civil Works, (CW), activities in the framework of the CFAVC project has been done in a fair, transparent manner without any pressure. An independent third party is sought to be appointed to oversee and certify the process of land donation.

**3. Eligibility**

The successful independent third party can be a non-government entity (individual or agency) and should have formal and legal standing with acknowledged reputation and accepted by both the PMU, ADB and the land/assets donors, without any direct interest in the donation process or subproject activity and also not to any of the companies/experts involved in the CS1 and CS5 contracts and be acceptable to each of the concerned parties (PIU/PMU and concerned land owners).



#### 4. Description of the CFAVC Project

The CFAVC project has 3 outputs as follows:

**Output 1: Critical Agribusiness Value Chain Infrastructure Improved and Made Climate Resilient.** This output addresses infrastructure gaps to enhance competitiveness of the value chains of rice, maize, cassava and mango in target provinces. It involves rehabilitation and modernization of rural infrastructure to increase production and resource efficiency, reduce postharvest losses, and enhance quality and value chain links while reducing GHG emissions and increasing climate resilience. Key activities include: (i) rehabilitating irrigation and water management infrastructure (27 off-farm irrigation systems, 800 on-farm rainwater harvesting ponds, and 15 drip irrigation demonstrations) 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 bio-digesters, and 6,000 compost huts and use of solar energy in target cooperative areas) for value chain improvement. The project will rehabilitate water management infrastructure through strengthening of water resources, reshaping of water conveyance irrigation and drainage systems, and upgrading design standards to withstand climate variability and projected climate changes and install drip irrigation systems to improve yields and deliver exportable mango fruit. The project will support construction of climate-proofed post-harvest units for cleaning, drying and storage at farm cooperatives. It will improve climate resilience of farm to market roads through measures such as increasing height of embankments or using concrete roads, promoting cross drainage and selecting permeable materials.

**Output 2: Climate Smart Agriculture and Agribusiness Promoted.** Key activities under this output include (i) deploying climate-resilient varieties; (ii) strengthening the capacity in climate-friendly production practices and technologies; and (iii) promoting farm mechanization and extension. The project will support the Cambodian Agricultural Research and Development Institute (CARDI) to produce, multiply and distribute climate resilient varieties of rice and maize and to improve weaning and acclimatization of mango and cassava germplasm. The project will train at least 40,000 farmers (of which 16,000 are women) on climate smart agriculture (CSA) practices. It will demonstrate laser land levelling to improve water use efficiency and enhance capacity of farmers' water user groups to operate, manage and maintain irrigation schemes. The project will construct and upgrade four farm mechanization workshops and four agribusiness training facilities to train farmer water user communities, women farmer networks and agricultural cooperatives in operation and maintenance of infrastructure and farm machinery.

**Output 3: Enabling Environment for Climate Friendly Agribusiness Enhanced.** The project will assist the Ministry of Agriculture, Forestry and Fisheries (MAFF) 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). The project will provide support for agricultural product certification, quality and resilience standards, including Cambodia Good Agricultural Practice (CAMGAP) and organic fertilizer standards. The project will support cooperatives in becoming sustainable agribusiness ventures by linking up with the private sector and by establishing crop-centric public private partnership forums for each commodity value chain. The project will raise financial institutions' awareness on green finance and 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 with a view to create an enabling environment for more effective climate risk management.

## **5. Project Area**

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 (Annex 4).

### **Description of the Irrigation Schemes**

The irrigation program of CFAVC covers a total of 27 schemes totaling 15,000 ha. The 2023 AWP covers a total of 12 sub-projects covering around 8,595 ha, and remaining schemes will plan in 2024 will be 6 subprojects cover 3,257 ha (shown in Annex 2), of which 12 are assumed to be categorized as Social-Safeguard Category C. This assignment only concerns all sub-projects which have been classified as Category C for Social Safeguards. Or sub-projects that are potentially having very minimal IR impacts and where the project's affected people may donate those affected minimal assets including land to the project in order to make way for civil work. IR Category B schemes or sub-projects are subject to be confirmed and implemented by IRC-GDR, Ministry of Economy and Finance.

## **6. Initial Process of Support to the Land/Asset Donation Process**

The initial process of support to the land/asset donation has been implemented by the CS5 consulting services of CFAVC with support and guidance from the CS1 team. From the side of RGC were involved the IRC-DGR of the MEF, and the departments of MOWRAM and MRD.

### **Scope of Work**

This engagement is to independently verify whether the land and assets donation process, required to implement a number of civil works activities in the framework of the CFAVC project has been done in a fair, transparent manner without any pressure.

An independent third party, (ITP), is sought to be appointed to oversee and certify the process of land donation. The ITP validator shall ensure and validate that a fair and transparent process of donation under all irrigation and road subprojects as determined as Category C (as per the meaning of ADB's SPS and RF) for social safeguards by the Feasibility Studies and Detailed Engineering Design consulting firm (CS5) and verified by the project implementation consulting firm (CS1).

This engagement covers any sub-projects involving donation of affected assets/land under the project. At a later stage after the field surveys have been done the status can change to B where the Resettlement Plan to be prepared and implemented, and will no longer be covered by this contract.

The irrigation program of CFAVC covers a total of 27 schemes totaling 15,000 ha. The 2023 AWP covers a total of 12 sub-projects covering around 8,595 ha, as shown in Annex 2, of which all subprojects are assumed to be categorized as Social-Safeguard Category C.

The Rain Water Harvesting Ponds (RWHP) of CFAVC covers a total of 800. The 2022 AWP covers a total of 260 RWHPs covering around 40 Agriculture Cooperatives, as shown in Annex 2, of which all subprojects are assumed to be categorized as Social-Safeguard Category C.

These assignments only concern all sub-projects which have been classified as Category C for Social Safeguards. Or sub-projects that are potentially having very minimal IR impacts and where the project's affected people may donate those affected minimal assets including land to the project in order to make way for civil work. IR Category B schemes or sub-projects are subject to be confirmed and implemented by IRC-GDR, Ministry of Economy and Finance.

### **Detailed Tasks and/or Expected Output**

The specialist is required to carefully review the LARF prepared for this project, especially on the criteria and principals on voluntary donation for both nonproductive and productive land. Tasks entail the following:

- (i) Validate the donation activities (100% of land/ assets donors) in the subproject whether they are meeting the requirements and criteria as specified in the project resettlement framework (RF).
- (ii) Witness the (records of) the donation meetings, (whenever possible), for validating of land/asset donation to meet requirement and criteria of RF. The TP should keep a record of meetings held with the concerned land/assets donors.
- (iii) Ensure there is no coercion involved in the process of land donation.
- (iv) Ensure that the preferences and concerns of all landowners related to access, selection of site within lands held, etc. are recorded and any stipulated conditions have been met,
- (v) Ensure that the donation agreements are drafted in a fair and transparent manner,
- (vi) Confirm that the land donors fully understood his/ her rights to receive compensation and acknowledge the market value of the donated land, and he/she opted to give away the land without receiving cash compensation,
- (vii) Ensure that the donated land and assets do not exceed 10% of the total land of each individual and assets owned by each affected household
- (viii) Ensure that the donor for any residential land has more than 300 m<sup>2</sup> of land in the affected plot.
- (ix) Ensure the land donation does not result any negative impacts to the third party associated with the donation activity,
- (x) Confirm that affected household can identify the project's direct benefits to them.
- (xi) If there is any structure affected, ensure that only secondary structures are affected and there is no physical relocation of household due to the project and land donation.
- (xii) Confirm that land/asset donated is free from any dispute on ownership or any other encumbrances – AH has recognized legal tenure, the land is not being occupied and/or used by any other party, and the land is not in dispute for its ownership.
- (xiii) Ensure that land transactions are supported from the project by transfer of titles and official land ownership documents are updated.
- (xiv) Ensure the land/assets donor does not fall under the category of vulnerable households,
- (xv) Confirm that the project's GRM has been established, its process and contacts are disseminated, easily accessible to the AHs, and working,
- (xvi) Identify and recommend mitigation measures to current land user(s) / affected third party, if required,
- (xvii) Ensure that land transfer cost, taxes, stamp duties and new land registration fees for the remaining portion of the affected land are borne by government, and
- (xviii) Submit a certificate as witness of the donation process and land registration notice from cadastral office as shown in Annex 1.

### **7. Minimum Qualification Requirements**

The specialist will have extensive experiences in land acquisition and/or resettlement related projects and have the following qualification: (i) graduate degree in social science or community development; (ii) at least 3 years' experience in monitoring and evaluation of development programs implemented by international and national organization in the country and (iii) able to write reports in Khmer and English languages.

### **8. Documents and Maps**

All relevant project documents will be provided to the expert by CS5 and CS1, Annex 2 & 3  
The Map shows location of the subprojects is given different province as Annex 4

## **9. Working Methodology**

The recruited ITP is expected to prepare its own methodology. However, the following are indicative:

- i. Through review of relevant project documents, including the initial environmental assessment, project data sheet, initial poverty and social assessment, resettlement framework, inception report, etc.
- ii. Review maps prepared till date.
- iii. Interview with respective stakeholders from relevant government departments.
- iv. Consultation with affected households and their community.
- v. Any other methodology as deemed required.

## **10. Scope of this contract**

This contract is in principle for any sub-projects involving donation of affected assets/land under CFAVC AWPB 2023 irrigation schemes and RWHP as indicatively shown in Annex 2 and 3. At a later stage after the field surveys have been done the status can change to B where the Resettlement Plan to be prepared and implemented, and will no longer be covered by this contract. The contract can be renewable if the ITP provided quality output of the 2023.

In case, the certification of the 12 DDR subprojects report done within less than 12 months period, the ITP will be eligible for new contract assignment as show in the Annex 2 and possible variate for additional subprojects verification as shown in Annex 3.

## **11. Deliverables (All both in Khmer and English languages.)**

The ITP will be responsible for the production and delivery of the following outputs in English and Khmer to the IA team of MOWRAM-PMU:

- Inception report within six weeks of commencement of the assignment describing the implementation approach and timeline for the assignment, identifying any potential constraints and the means of resolution following the requirements spell out in the approved RF.
- Separate reports of external semi-annual social safeguard monitoring reports using formats that have been reviewed and approved by EA/IAs and ADB.
  - o Summary Report with details of the meeting, and certificate/reports as witness to the donation process and mitigation measures to owner, if any, shall be submitted to project team members (PIU officers) and landowner/donor in the local language.
  - o Consolidated validation report of the observed meetings, discussions, and field-based donation process findings shall be submitted to Project Implementation Consultant.
  - o Corrective action plan (CAP) for any gaps/ policy incompliance identified during the validation assessment, to be implemented by the project team and other relevant agencies.
  - o Drone imaginary of the observed alignments, before and after land acquisition/ civil work activities.
- Final report within one month of the completion of the assignment to summarise all of the work completed in each/ cluster assigned subproject(s), providing an overall assessment of the levels of compliance achieved for safeguards and documenting lessons learned.
- Complete data base of social economic information and monitoring recording videos collected during the monitoring period in digital forms.

## Deliverables

1. Irrigation Subprojects Deliverable	Type	Estimated Submission Date
<b>Inception Report</b>	Report	2 <sup>nd</sup> Jan. 2023
<b>Certifications for CW 12.2. A (Trapeang Boeung Irrigation Subproject)</b>	Other	9 <sup>th</sup> Jan 2023
<b>Description:</b> Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.		
<b>Certifications for CW 12.2. B (Kandori &amp; Prawoek Pong Irrigation Subproject)</b>	Other	20 <sup>th</sup> Jan 2023
<b>Description:</b> Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.		
<b>Certifications for CW 13.2. (Tbong Damrei &amp; Kampong Raing Irrigation Subproject)</b>	Other	2 <sup>nd</sup> Feb 2023
<b>Description:</b> Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.		
<b>Certifications for CW 15.2. (Plov Touk, Prey Rumdeng &amp; Kvaeng Tayi Irrigation Subproject)</b>	Other	24 <sup>th</sup> Feb. 2023
<b>Description:</b> Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.		
<b>Certifications for CW 15.3. (Pralay 42 and Pralay 95 Feeding Canal Irrigation Subproject)</b>	Other	10 <sup>th</sup> Mar. 2023
<b>Description:</b> Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.		

**Certifications for CW 14.2. (Potatres and Toek Char West reservoir Irrigation Subproject)**

Other

5<sup>th</sup> May. 2023

**Description:**

Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.

**Schedule and Places of Assignment** (chronological and inclusive of travel)

City and Country	Working Days	Estimated Start Date	Estimated End Date	Other Details
Phnom Penh, Cambodia	123	02 <sup>nd</sup> Jan. 23	5 <sup>th</sup> Mar. 23	12 Subprojects location to be confirmed
<b>Total</b>	<b>123</b>	Intermittent; Max. Working Days/Week: <b>5 days</b> for Home Office, <b>6 days</b> for field for each subproject		

**2. Rain Water Harvesting Pond Subprojects Deliverable**

**Type**

**Estimated Submission Date**

**Inception Report**

Report

2<sup>nd</sup> Jan. 2023

**Certifications for Kampot Contract No. CW 1.A (80 RWHPs)**

**Description:**

Other

9<sup>th</sup> Jan 2023

Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.

**Certifications for Takeo Contract No CW 1.D (60 RWHPs)**

**Description:**

Other

20<sup>th</sup> Jan 2023

Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.

**Certifications for Tbong Khmum Contract No CW 1.B (60 RWHPs)**

**Description:**

Other

10<sup>th</sup> Mar 2023

Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imaginary of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.



**Certifications for Tampong Cham Contract No CW 1.C (60 RWHPs)**

Other

7th May 2023

**Description:**

Including the supporting reports e.g. details of meetings, consolidated validation report of observed meetings, discussion, and field-based donation process, any corrective action plan, drone imagery of the observed alignment and complete database of social economic information recording videos collected in digital forms during site visit.

<b>City and Country</b>	<b>Working Days</b>	<b>Estimated Start Date</b>	<b>Estimated End Date</b>	<b>Other Details</b>
Phnom Penh City, Cambodia	<b>128</b>	02 <sup>nd</sup> Jan. 23	10 <sup>th</sup> Mar. 23	12 Subprojects location to be confirmed
<b>Total</b>	<b>128</b>	Intermittent; Max. Working Days/Week: <b>5 days</b> for Home Office, <b>6 days</b> for field for each subproject		

**12. Contracting Parties**

This contract will be made between the nominated expert (ITP) and the PMU-MOWRAM from the CFAVC project and charged against the Civil Work saving budget.

**13. Duration**

The services are expected to be provided on an intermittent basis and following the progress of the CS5 consultancy. It is planned to start ASAP (January 2023) until approximately May 2023, but depending on the progress of the CS5 consultants. In case the contract renewable, the duration will be added.

**14. Proposal**

Copies of the proposal - both technical and financial - should be submitted and the budget should include all cost and any other logistics details necessary for third independent party monitoring. The financial proposal should be based on units of effected households for irrigation and effected households for roads. The currency of the proposal will be US \$.

**Bill of Quantity**  
**Quote of Third-Party Services Fees**

No.	Description of activities	UNIT	Person or Quantity	Unit Cost (US\$)	Amount
I	Office Preparation and Review				
1	Team Leader Reviewed the DDR Document	P-day	3.00		
2	Preparation of the DDR Command and Inquiry (TL)	P-day	2.00		
3	Data processing and reporting. (1 DDR Report)	P-day	7.00		
II	Field Works				
4	Household Survey (face-to-face interview) Household survey (xx% sample size to be randomly selected) to verify on economic status/vulnerability and asset donation (refer to RF para 66, footnote 11)	HHs	110.00		
5	Consultation meetings (two to three group per locations)	P-day	6.00		
6	Focus Group Discussion (with general Ahs and vulnerable group) to get insight of people's awareness/understanding on the project scope and their entitlement for compensation. (two to three group per locations)	P-day	9.00		
7	Key Informant interview with relevant authorities and specific cases study (depending on number of involved authorities)	P-day	5.00		
III	Logistic and facility				
8	Drone imagery or DGPS survey to verify on the approved Col/DED to the affected assets	L.S	2.00		
9	Transportation and other logistics (rent 4 wheel-drive car)	day	1.00		
10	Daily allowance	P-day	20.00		
	<b>Total for 1 Subproject</b>				
	<b>Total for Bidding Cost of 12 subprojects</b>	<b>Scheme</b>	<b>12.00</b>		

**Note: The above price is inclusive of Local Taxes.**

**Annex 1**

**SAMPLE CERTIFICATION FORMATS**

This is to certify that Mr./Mrs. XXXXXXXXXXXXXXXXXXXX, (profession, designation, address) is appointed as independent third party to certify the process of land/assets donation of plot no.....area.....owned by XXXXXXXXXXXX (names of owner), who is a signatory to this certificate. It is also placed on record that none of the signatories to this certificate have any objection to appointment of xxxx as third-party validation witness.

Date

Officer of XXX (name of the project) and land donor

(Names and Signatures)

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I, \_\_\_\_\_ of \_\_\_\_\_ (address) certify that I was witness to /confirmed with the process of land donation (details of plot \_\_\_\_\_ from XXXXXXXXXXX land owner's names). I certify that:

1. The process of donation/ consultation of the said land was transparent; the landowner(s) agreed to donate the affected assets for the welfare of the community/subproject activities.
2. The offered compensation price of the donated land/ assets is **XXXXX Riel** and meets the market price of the land with similar value.
3. The land/assets donor acknowledge his/her right to receive compensation but waive his/ her entitlement to be compensated.
4. No coercion was used in the donation process.
5. No (formal/informal) third party (associated with the donation) is negatively affected<sup>1</sup> by the donation activity
6. Land transfer costs (this includes new land registration fee and stamp duty for the remaining land area) will borne by the government and not by the owner/donor as stipulated in the notice letter issued by the local cadastral office dated XXXXX for this subproject (include the name of the subproject).
7. All concerns expressed by the owner/donor as agreed, were addressed and no pending issues remain.
8. The donor acknowledged the project GRM process and focal person to be contacted when needed.
9. The following mitigation measures were identified and implemented / provided to the landowner/ donor, if any.
10. Attached are the minutes of meetings held between project proponents and the landowner/donor, and the agreed price/value of the donated land which I was witness to.
11. Attached are the pictures of the land/assets donated and pictures of the original landowner(s) of the donated land.
12. Attached are the information of the socio-economic background of the land owner(s)/ assets owner(s)

Signature

Name

Date: \_\_\_\_\_ Place: \_\_\_\_\_

Encl: Minutes of meetings held between land owner/donor and project proponents

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<sup>1</sup> Negatively affected defines as permanent loss of/ access to shelter or livelihood support which could cause impoverishment to the affected third party.

## FINAL CERTIFICATION FORMAT

This is to certify that Mr./Mrs. XXXXXXXXXXXXXXXXXXXX, (profession, designation, address) is appointed as independent third party to certify the process of land/assets donation of plot no.....area.....owned by XXXXXXXXXXXX (names of owner), who is a signatory to this certificate. It is also placed on record that none of the signatories to this certificate have any objection to appointment of xxxx as third-party validation witness.

Date

Officer of XXX (name of the project) and land donor

(Names and Signatures)

---

I, \_\_\_\_\_ of \_\_\_\_\_ (address) certify that I was witness to /confirmed with the process of land donation (details of plot \_\_\_\_\_ from XXXXXXXXXXX land owner's names). I certify that:

1. The process of donation/ consultation of the said land was transparent; the landowner(s) agreed to donate the affected assets for the welfare of the community/subproject activities.
2. The offered compensation price of the donated land/ assets is **XXXXXX Riel** and meets the market price of the land with similar value.
3. The land/assets donor acknowledge his/her right to receive compensation but waive his/ her entitlement to be compensated.
4. No coercion was used in the donation process.
5. No (formal/informal) third party (associated with the donation) is negatively affected<sup>2</sup> by the donation activity
6. Land transfer costs (this includes new land registration fee and stamp duty for the remaining land area) were borne by the government and not by the owner/donor.
7. All concerns expressed by the owner/donor as agreed, were addressed and no pending issues remain.
8. The donor acknowledged the project GRM process and focal person to be contacted when needed.
9. The following mitigation measures were identified and implemented / provided to the landowner/ donor, if any.
10. Attached are the minutes of meetings held between project proponents and the landowner/donor, and the agreed price/value of the donated land which I was witness to.
11. Attached are the pictures of the land/assets donated and pictures of the original landowner(s) of the donated land.
12. Attached are the information of the socio-economic background of the land owner(s)/ assets owner(s)

Signature

Name

Date: \_\_\_\_\_ Place: \_\_\_\_\_

Encl: Minutes of meetings held between land owner/donor and project proponents

---

<sup>2</sup> Negatively affected defines as permanent loss of/ access to shelter or livelihood support which could cause impoverishment to the affected third party.

**The land transfer certification related to the land donation activity in the subprojects**

1. ទីប្រឹក្សា CS1 នឹងត្រូវទទួលនូវការព្រមព្រៀងពី MOWRAM / EA ដើម្បីចេញលិខិតជូនដំណឹងវិសេចក្តីបញ្ជាក់ ទៅកាន់ការិយាល័យភូមិបាលស្រុក ថាថ្លៃសេវាសម្រាប់សកម្មភាពណាមួយទាក់ទងនឹងការផ្ទេរកម្មសិទ្ធិដីធ្លី (ការចេញលិខិតបញ្ជាក់កម្មសិទ្ធិដីធ្លីរបស់ម្ចាស់ដី ឬថ្លៃចុះឈ្មោះ ឬ ប្រថាប់ត្រា។ ល។ ) ដែលស្ថិតនៅក្រោម គម្រោងនេះ នឹងត្រូវបានផ្តល់ជូនដោយរាជរដ្ឋាភិបាលឬម្ចាស់គម្រោង (EA)។

CS1 consultant to get agreement from MOWRAM/ EA to issue letter of notice/ certification for the local cadastral offices that the cost for any activities related to the land transfer (issuance of new land certificate of the land donors/ land owners, registration fees, stamp duty, etc.) under this project will be borne by the government/ EA.

2. ទីប្រឹក្សាCS1 នឹងត្រូវពិគ្រោះយោបល់ និង ទទួលនូវការបញ្ជាក់ពីការិយាល័យភូមិបាលស្រុក ថាលិខិតជូនដំណឹងរបស់ក្រសួងធនធានទឹក និងឧតុនិយម នឹងជាម្ចាស់គម្រោង (EA) គឺបញ្ជាក់ថាថ្លៃសេវាទាំងអស់សំរាប់ ការចេញប័ណ្ណកម្មសិទ្ធិដីធ្លី ឬដីថ្មី នឹងត្រូវផ្តល់ជូនគ្រួសារដែលបានបរិច្ចាគ ឬជាគ្រួសារដែលរងផលប៉ះពាល់ ដោយឥតគិតថ្លៃ ហើយសេចក្តីចម្លងនៃលិខិតនោះ នឹងផ្តល់ជូនដល់ម្ចាស់ដី ដែលជាអ្នកបរិច្ចាគ សម្រាប់ជាព័ត៌មានដល់ពួកគាត់។

CS1 consultant will consult/ get confirmation from the local cadastral office(s) that with notification letter from MOWRAM/EA they can issue a notification letter that new land titles will be issued to the affected households at no cost to the affected household and the copy of the letter can be distributed/ kept by the land donor/owners for their records.

3. ទីប្រឹក្សាCS1 តម្រូវអោយពិគ្រោះជាមួយក្រសួងធនធានទឹកនិងឧតុនិយម និងការិយាល័យភូមិបាលស្រុក អំពីយន្តការអនុវត្តការបង់តម្លៃសេវា ដើម្បីធានាថា ប្លង់ដីថ្មីនឹងត្រូវផ្តល់ជូនគ្រួសាររងផលប៉ះពាល់អោយបានទាន់ពេល ប្រការនេះគឺត្រូវព្រមព្រៀងដោយភាគីទាំងពីរ ។

CS1 consultant may need to discuss with MOWRAM and cadastral office on the most practical payment mechanism to ensure that the new land titles will be received by the AHs timely. This needs to be agreed by both agencies.

4. ការព្រមព្រៀងជាផ្លូវការណាមួយ រវាងក្រសួងធនធានទឹកនិងឧតុនិយម និងការិយាល័យភូមិបាលស្រុក គឺតម្រូវអោយមានការកំណត់ពេលវេលាណាមួយជាក់លាក់ សម្រាប់ដំណើរការនៃការចេញប័ណ្ណកម្មសិទ្ធិដីធ្លី រវាងស្ថាប័នរាជរដ្ឋាភិបាល។ ធនាគារអភិវឌ្ឍន៍អាស៊ីនឹងឃ្លាំមើលបញ្ហានេះឱ្យបានដិតដល់ ហើយគម្រោងនឹងចាំបាច់ត្រូវរាយការណ៍អំពីវឌ្ឍនភាពរបស់ខ្លួននៅក្នុងរបាយការណ៍ត្រួតពិនិត្យពាក់កណ្តាលឆ្នាំម្តង។

Some formal agreement between MOWRAM and cadastral offices might be required and agreed timeline for the processing time of the new certificates between these government entities need to be reached. ADB will monitor this closely and the project will need to be report its progress in the semiannual monitoring report.

**List of Category C in 2023 Irrigation Subprojects**

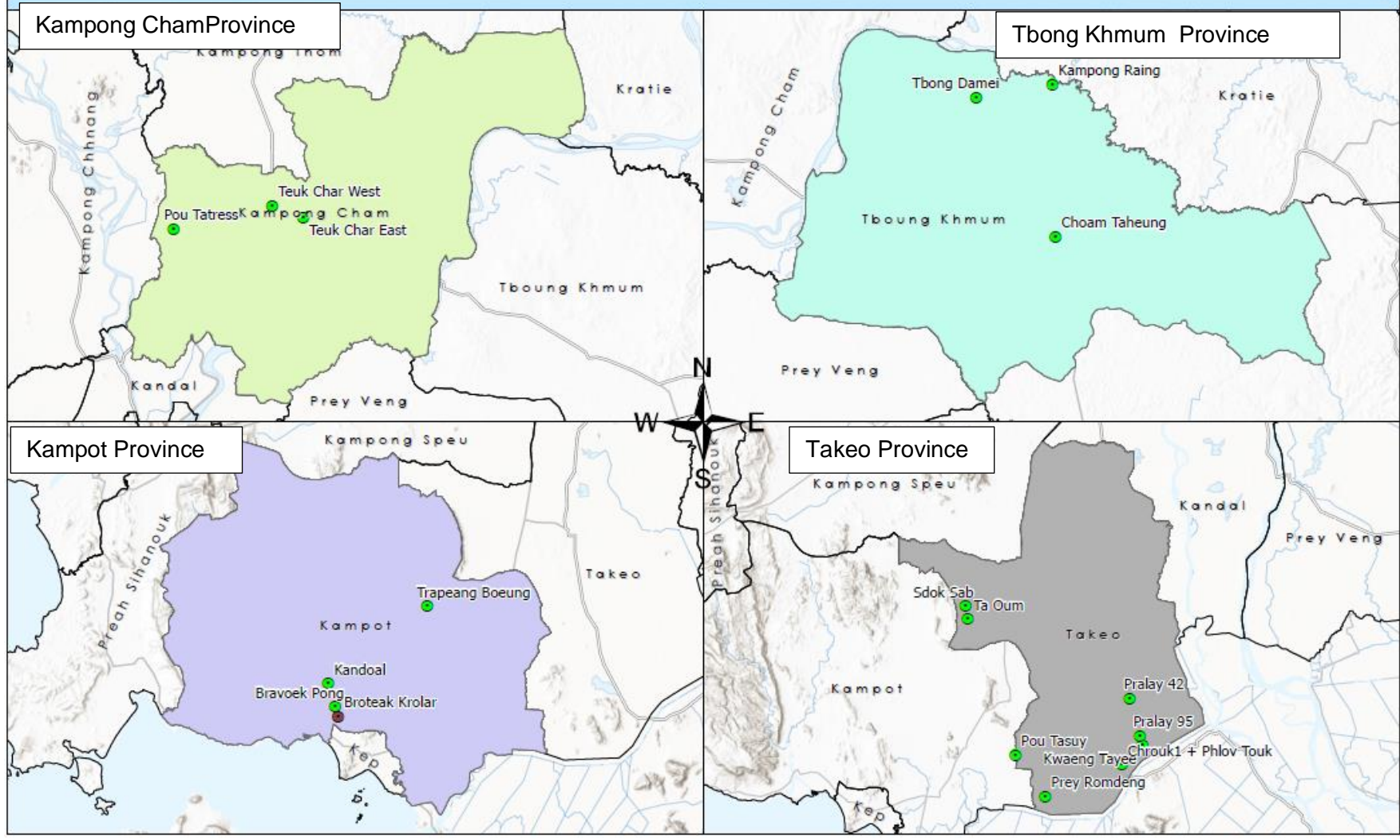
No.	Package Number	Subproject Name	Command area, ha	Commune	District	Province	Coordinates (UTM: 48 P)		Category	Estimated of HHs Affected	Remarks
							Latitude X	Longitude Y			
<b>Plan for 2023</b>											
1	CFAVC-MOWRAM-KPT-CW12.2B	Kandoal Feeding Canal	750	Kandoal/Thmei	Teuk Chhou	Kampot	419597	1180074	C	113	
2		Bravoek Pong Reservoir Scheme	70	Trapeang Pring/Koun Sath	Teuk Chhou		421180	1174794	C	11	
3	CFAVC-MOWRAM-KPT-CW12.2A	Trapeang Boeung Reservoir Scheme	800	Tramaeng/Krang Sbov/Sat Pong	Chhuk		442052	1197647	C	120	
4	CFAVC-MOWRAM-TBM-CW13.2	Tboung Damrei Reservoir Scheme	600	Chhuk	Krouch Chmar	Tboung Khmum	586531	1345733	C	90	Finished FS, DED and progress of DDR
5		Kampong Raing Feeding Canal	350	Seda	Dambae		602326	1348505	C	53	
6	CFAVC-MOWRAM-KPC-CW14.2	Teuk Char West Reservoir Scheme	980	Beung Nay/Sampong	Prey Chhor	Kampong Cham	521112	1347610	C	147	Will finished DED and FS mid Nov 2022
7		Po Tatress Reservoir Scheme	950	Trab/Tang Krasang	Batheay		491103	1336779	C	143	
8	CFAVC-MOWRAM-TKO-CW15.2	Chrouk1 + Phlov Touk Feeding Canal	975	Phnom Den/Kiri Chong Kaoh/Kannab	Kirivong	Takeo	490512	1175028	C	146	Finished FS & DED
9		Prey Romdeng Feeding Canal	650	Prey Romdeng/Ta	Kirivong		471544	1167134	C	98	
10		Kwaeng Tayee Feeding Canal	970	Prey Yuthka	Koh Andet		495576	1179962	C	146	
11	CFAVC-MOWRAM-TKO-CW15.3	Pralay 95 Feeding Canal	850	Krapom Chhuk	Koh Andet	Takeo	497485	1184405	C	128	Finished FS and DED
12		Pralay 42 Feeding & pumping Stat	650	Rominh/Prey Khla	Koh Andet		492372	1191420	C	98	
Total Plan for 2023			<b>8,595.00</b>						<b>12</b>	<b>1,293.00</b>	
<b>Note:</b>										<b>0.00</b>	
		Under progress of DDR Report									
		On Going preparation of DDR Report									



**List of Category C in 2024 Irrigation Subprojects**

No.	Package Number	Subproject Name	Command area,	Commune	District	Province	Coordinates (UTM: 48 P)		Category	Estimated of HHs	Remarks
<b>Plan for 2024</b>											
1	CFAVC-MOWRAM-TBM-CW13.3	Trapeang Ampil Reservoir Scheme	200	Chi Kor	Tboung Khmum	Tboung Khmum	564088	1310596	C	30	Plan for 2024
2		Choam Taheung Reservoir Scheme	987	Teuk Chrov/Chong Beung	Dambae		602958	1316815	C	148	
3	CFAVC MOWRAM-KPC-CW14.3	Teuk Char East Reservoir Scheme	980	Nay/Krouch/Kor/Prey Chhor/Sour Saen	Prey Chhor	Kampong Cham	520444	1339361	C	147	
4	CFAVC-MOWRAM-TKO-CW15.4	Ta Oum Reservoir Scheme	350	Kus	Tram Kak	Takeo	452467	1210988	C	53	Plan for 2024
5		Sdok Sab Reservoir Scheme	300	Samraong	Tram Kak		451970	1214140	C	45	Plan for 2024
6		Pou Tasuy Reservoir Scheme	440	Kampeng	Kirivong		464188	1177462	C	66	
Total			<b>Ha 3,257.00</b>					<b>Scheme 6</b>		<b>489.00</b>	
<b>Note:</b>											
The consultant service of the ITP Contract can be renewable base on contractual rate of plan 2023											

### Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC) Project Location Point of All Four Provinces

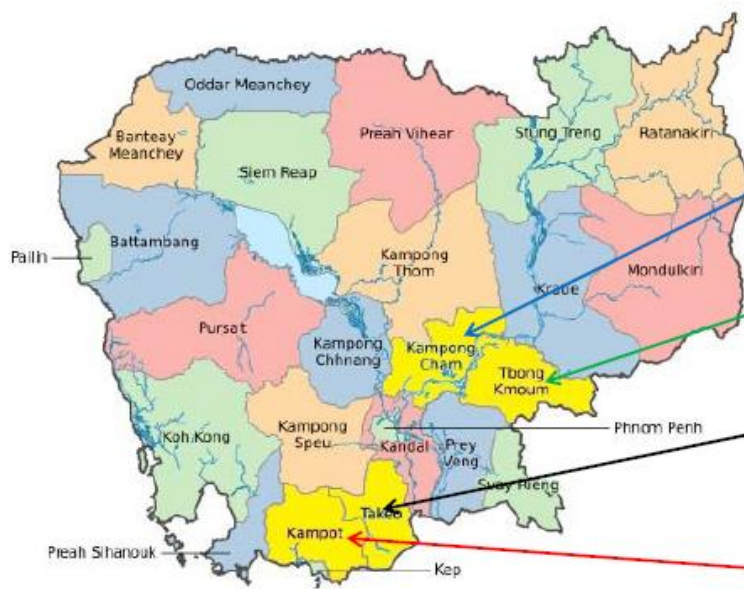


**List of Category C in RWHP Subprojects**

No.	Province	Total Numbers	2022	2023	2024
			Batch I	Batch II	Batch III
1	Kampot	200	80	60	60
2	Tbong Khmum	200	60	70	70
3	Kampong Cham	200	60	70	70
4	Takeo	200	60	70	70
Total		800	250	280	270

This ITP contract agreement will focus on the Bath I year 2022 only, except the PMU had completed the Batch II or III, then contract variation will be made

Result of RWHPs Selection up to 12 July 2022



**4 Target Provinces: 800 RWHP**

Year	Plan 2022	2023	2024
	<u>Selected</u>		
<b>Kampong Cham</b>	60	70	70
<b>Tbong Khmum</b>	60	70	70
<b>Takeo</b>	60	70	70
<b>Kampot</b>	80	60	60
<b>Total</b>	250	280	270



## **ANNEX 9: Details Environmental Monitoring January – March 2023**

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

**CS1 - 001 SER: Project Implementation Consultants**

**FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH**

*Prepared by*

 **AGRICONSULTING EUROPE SA**  
*in JV with SBK Research and Development*

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
First Quarterly Progress Report 2023: January - March

*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
1. Plan for Project Feasibility study and Detailed Engineering Design in 2020												
2020	CFAVC-KP-TP-CW2	Kampot	Tani	Angkor Chey	Trapeang Run	1	100	B	100%	The final environmental monitoring was conducted on 4-5 August 2021 for completed construction	10-Jun-20	21-Jul-20
	MOWRAM-CFAVC-TBM-CW13.1	Tboung Khmum	PREASH THEAT	Ou Raing Ov	Tumnu Kbal Teuk	3	250	B	100%	Received CEMP from Contractor	4-Nov-20	11-Feb-21
			Chikor	Tboung Khmum	Tuol Pring Reservoir		100	B	100%		4-Nov-20	11-Feb-21
			Thmor Pich	Tboung Khmum	Trapeang Tros Reservoir		350	B	100%		4-Nov-20	11-Feb-21
	MOWRAM-CFAVC-TEO-CW15.1	Takeo	Trapaing Kra Nhoung	Tram Kak	Prey Kdouch Reservoir	2	550	B	100%	CEMP Under Preparation Progress	16-Mar-21	25-Jun-21
			Trapaing Kra Nhoung	Tram Kak	Kraing Empil Embankment		200	B	100%		16-Mar-21	25-Jun-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	4 Jan.22	
		Preach Andong	Stoeng Trong	O Kamprok		350	B	100%		Second revised and submitted to ADB for rechecking	15 Dec 2021	4 Jan.22
MOWRAM-CFAVC-KPT-CW12.1	Kampot	Srae Khnung	Chuom Kiri	Takouch (Prey Takoch)	1	450	B	100%	100% drafting completed	Resubmit for NOL		
Plan for rehabilitation in year 2020 consisting of 5 Packages covering command area of						9	3,250					
2. Plan for Project Feasibility study and Design in 2021												
2021	MOWRAM-CFAVC-TBM-CW13.2	Tboung Khmum	Chhouk	Krouch Chmar	Tboung Damrei Reservoir	2	600	B		Consolidated IEE is 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%			
		Kandorl	Teuk Chhou	Kandorl		650						
Plan for rehabilitation in year 2021 consisting of 4 Packages covering command area of						8	5028					

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
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2022	MOWRAM-CFAVC-KPC-CW14.3	Kampong Cham	Krouch	Prey Chhor	Teuk Cha East	2	1400				
			Beung Nay	Prey Chhor	Teuk Cha West		1400				
	MOWRAM-CFAVC-TBM-CW13.3	Tboung Khmum	Teuk Chrov	Dambae	Choam Taheung	2	1500				
			Thmar Pich	Tbong Khmum	Trapaing Ampil		200				
	MOWRAM-CFAVC-TEO-CW15.3	Takeo	Kampeng	Kirivong	Pou Tasuy Reservoir	6	440				
			Prey Romdeng	Tram Kak	O' Rumdoul Reservoir		210				
			Samraong	Tram Kak	Sdok Sab		300				
			Kropum Chhouk	Koh Andet	Pralay 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 10: Progress Implementation Gender Action Plan January – March 2023**

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

**CS1 - 001 SER: Project Implementation Consultants**

**FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH**

*Prepared by*

 **AGRICONSULTING EUROPE SA**  
*in JV with SBK Research and Development*



## Annex 10: Progress Implementation Gender Action Plan January – March 2023



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

**CS1 - 001 SER: Project Implementations Consulting**

**Quarterly GAP Implementation Monitoring report**

**January- March 2023**

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
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Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
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ACRONYMS AND ABBREVIATIONS

AC	Agricultural Cooperative
ADB	Asian Development Bank
AESA	Agri consulting Europe S. A
ASEAN	Association of Southeast Asian Nations
BER	Bid Evaluation Report
BPCR	Borrower's Project Completion Report
BoQ	Bill of Quantities
CAMGAP	Cambodia Good Agricultural Practice
CARDI	Cambodia Agricultural Research and Development Institute
CAVAC	Cambodia Agricultural Value Chain Program
CFAVC	Climate Friendly Agribusiness Value Chains Sector Project
CGF	Climate Green Fund
CRM	Certified reference materials
CSA	Climate Smart Agriculture
CS1	Project Implementation Consultants (PIC)
CS2	Capacity Building and Climate Smart Agribusiness Consulting Team
CS4	Information Communication Technology Platform
CS5	Feasibility Studies and Detailed Engineering Design Consulting Firm
CSR	Corporate Social Responsibility
DACP	Department of Agricultural Cooperative Promotion
DAEng	Department of Agricultural Engineering
DAL	Department of Agricultural Legislation
DAM	Department of Agricultural Machinery
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

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
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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
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
Km	Kilometer
kW	Kilo-watt
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

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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
PPMS	Project Performance and Monitoring System
PPP	Public Private Partnership
PPTA	Project Preparation Technical Assistance
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
SRP	Sustainable Rice Platform
SWOT	Strength, Weakness, Opportunity and Threat
TA	Technical Assistance
TC	Technical Committee
TL	Team Leader
TOR	Terms of Reference
TOT	Training of Trainers
WFN	Women Farmers' Network
WG	Working Group

## 1. Introduction

The Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)<sup>1</sup> is supporting the implementation of the government's Agriculture Sector Strategic Development Plan, 2014–2018<sup>2</sup> and the Industrial Development Policy, 2015–2025<sup>3</sup> aimed at improving the competitiveness of agricultural value chains in Kampong Cham and Tboung Khmum provinces along the Greater Mekong Sub-region (GMS) southern economic corridor, and Kampot and Takeo provinces along the south-coastal economic corridor. The project boosts the climate resilience of critical agricultural infrastructure and helps to 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 also strengthens the technical and institutional capacity for climate-smart agriculture (CSA) and creates 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. The Cambodian Ministry of Agriculture, Forestry and Fisheries (MAFF) in coordination with Ministry of Water Resources and Meteorology (MOWRAM) and Ministry of Rural Development (MRD) is implementing the project.

The outputs specific to the project are:

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

*Output 2: Climate-smart agriculture and agribusiness promoted.*

*Output 3: Enabling environment for climate-friendly agribusiness enhanced.*

Gender and gender mainstreaming are essential components of the project outputs. The project contains a number of gender actions and targets.

This document is the Seven semi-annual GAP (Gender Action Plan) implementation monitoring report, covering the project period October – December 2022. The report is produced by the two Social Development and Gender experts of the CS1 team.

### 1.1 Major issues for this reporting period:

Major issues in the reporting period were, lack of input from the International Gender Expert, due to the delays in VO14 approval, the reduction of the National Gender Expert input, from 100% to 75%, at the same time as construction work has increased. This has affected field monitoring work, which again has affected the data collection. As Gender has no separate budget, at the same time as the budget approval takes extended time, this poses obstacles following set plans and targets.

Gender focal Points (GFPs) and their capacity-building, including their own targeting of ACs and WFNs, is increasingly constrained, due to the lack of input from the national gender expert. GFPs will, as has been reported in all previous quarterly reports, need

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<sup>1</sup> The Asian Development Bank (ADB) provided project preparatory technical assistance (TA) for the *Climate-friendly Agribusiness Value Chains Sector Project* (TA 8897-REG).

<sup>2</sup> Royal Government of Cambodia. 2015. *Agriculture Sector Strategic Development Plan* (2014-2018), Phnom Penh. <sup>3</sup> Royal Government of Cambodia. 2015. *Industrial Development Policy* (2015-2025), Phnom Penh.



constant capacity building, and access to the gender expert in CFAVC. This is further affecting data collection and its quality, as GFPs raise many questions every month related to these matters. With a reduced input from the national gender expert, of course this is affecting the overall quality of reporting. We also notice a lack of understanding from GFPs regarding PPP, other types of capacity building (ACs, WFNs, beneficiary selection during construction etc.) which raise some concerns about overall woman participation in CFAVC.

A third and final major issue observed is the coordination between CS01 and CS02 (on gender), whereby the national gender expert in CS01 is not informed about gender related activities in CS02, such as trainings, field missions, workshops etc. The national gender expert in CS01 has raised this issue on many occasions to relevant managers, so far to no avail.

### 1.1.1 Programmed progress during period:

Overall progress of the GAP for the reporting period (until end of March 2023) are: 6 (86%) out of 7 targets were on track, 1 target (14%) were off-track (due to no budget allocated), 12 (86%) out of 14 targets were on track and 2 (14%) were off-track (specialists not mobilized or lack of input).

- Tasks included conducting the 8<sup>th</sup> QR report (Jan-Mar 2023), the GCF annual report and the month GAP templates. Other tasks involved the daily discussions with GFPs on their needs, progress of work, how to collect relevant sex-disaggregated data, progress of ACs, irrigation & road construction/rehabilitation.
- The national gender expert further did a social assessment on the GAP for Tboum Khmun province.
- Meetings took place with the CS02 component team in order to discuss budget breakdown, as well as a GAP orientation and monitoring meeting. 10 participants (2 females or 20%) participated.
- On January 5 & 6 2023, a meeting with H. E. Chan Sinat at MOWRAM on the monthly progress work, including participation with the contractor for Ta Koch irrigation site, took place. In this meeting, the national gender expert was oriented about Gender issues, as well as social and environmental safeguards. A total of 28 participants (5 females/18%) was involved.
- On 24<sup>th</sup> February 2023, the national gender expert participated in an internal team meeting at MRD following progress work, with 11 participants (2 females or 18%).
- On 27<sup>th</sup> January 2023, the CFAVC team (CS01, 02, 03) had an overall progress meeting in the PMU office, with 49 participants (15 females/31%).
- As mentioned above, both consultants' inputs were changed with Variation Order number 14 to CFAVC, whereby the national consultant on gender input was reduced with 25% while the international consultant input was increased slightly to 33.8 days until project end. With limited inputs, it is going to affect field visits, spot checks, trainings, capacity building efforts etc.

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
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- Work continues to support the implementation of the new GAP. While GFPs understand the new format well, they sometimes request support in filling out templates and forms, and will likely continue to do so in the foreseeable time.
- The national consultant lost 25% of input availability with VO 14. This means that - on average – 1 week a month there is no gender person available. GFPs have been informed about this issue and how it may affect their work. Until further notice, there are no explanation nor any attempt to seek addressing this.
- The two studies, the desk study and the VC study were, based on recommendation from the Gender Consultant in ADB merged, into one ToR. The desk study will act as the inception study prior to launching the field study. The international gender consultant has drafted a ToR as well as a budget, at the cost of app. 68.000 USD. Approval is pending from management.

### 1.1.2 Update on Gender Activities – Provincial level:

The national consultant carried out a number of missions to follow up mostly on implementing the new GAP. Missions were as follows:

Purpose	Province	Dates
Conduction of the Training, instruction and monitoring on Gender work, Social and Environmental Safeguards of the 8 AC storage and 13 AC storage subprojects under MAFF,	Kampot province (Me Sar Chrey commune, Steung Trang District. Takeo province Tram Kak, Samraong, Koh Andet, Prey Kabbas, Kiri Vong, Traing and Bati Districts,	09 <sup>th</sup> – 13 <sup>th</sup> January 2023
Conduct the social and environmental safeguards screening.	Ther remaining 13 units of AC storage and + 6 mores (addition from saving) + PADC and MEW (new)	16 <sup>th</sup> – 20 <sup>th</sup> January 2023
Conduct training on Environmental and Social safeguards and Gender to contractors and relevant communities for irrigation subprojects	Kampong Cham: Ta Kouch Kampot: Pram Kumpheak and O Kamprok	06 <sup>th</sup> - 10 <sup>th</sup> February 2023
Awareness/training on Gender mainstreaming in Farmer Water User and women Empowering of the sustainable use and maintenance of irrigation systems in the water resources sector to FWUCs/FWUGs representatives	Takeo province: Lov Touk, Kwaeng Tayee and Kmapong Raing	13 <sup>rd</sup> - 17 <sup>th</sup> March 2023

The consultant met with contractors, AC leaders and WFNs in all of above missions. In all meetings, constant highlighting how women will need access to skilled labour, general

gender awareness, child care, protection from diseases, roles and responsibilities in agribusiness etc.

## 2. *Tasks carried out by ministry (sub projects):*

### **Under MAFF subproject:**

- From 9<sup>th</sup>-13<sup>th</sup> January 2023, meeting with the PPIU/PDARF, for conduction training, instruction and monitoring on Gender, Social and environmental safeguards of the 8 AC storages in Banteay Meas, Chhouk, Teuk Chhou and Chum Kiri and Chhuk Districts, Kampot province with total 89 participants ( 20 female or 22%) and 13 AC storage subprojects under MAFF, in Tram Kak, Samraong, Koh Andel Prey Kabbas, Kiri Vong, Traing and Bati Districts, Takeo province with total 60 participants ( 18 females or 31 %) . In sum total 149 participants (38 female or 26%),
- On 16<sup>th</sup> - 20<sup>th</sup> January,2023, Joint mission to conduct the social and environmental safeguards for the other remaining 13 units of AC storage and + 6 more (addition from saving) + PADC and MEW (new). Conducted ACs social assessment and Sex-dis-aggregate data collection with total 51 participants (13 female or 25%),
- On 06<sup>th</sup> - 10<sup>th</sup> February 2023, conducted training on Environmental and Social safeguards and Gender to contractors and relevant communities for irrigation subprojects in Kampong Cham: Ta Kouch Kampot: Pram Kumpheak and O Kamprok with total 117 participants (31 females or 26%),

### **Under MOWRAM subproject:**

- On 13rd - 17th March 2023, Conducted training session on Gender Mainstreaming in water resources irrigation Sustainability and women empowerment to FWUCs / FWUGs and women representatives in 4 irrigation sub projects under MOWRAM in Prey Kdouh, Plov Touk, Kwaeng Tayee, Kraing Ampil irrigation scheme with total 161 participants (48 females or 30%),
- The National Gender Consultant worked with GFPs in all four provinces to address ACs/WFNs on progress in the CFAVC project, including inputs from CS2 and CS5 (who conducted Focus Group Discussions informing farmers about road construction projects and obtaining their views on some of the inputs, a total of 1010 people participated (F441 or 41%),

### **Under MRD subproject:**

- 6 Road construction with total 284 skilled/ unskilled workers (64 female or 23 %). Of these, 195 Skilled worker (51 female or 26 %) and 97 Unskilled workers (30 female or 31 %) from villages commune. The total of 7384 workdays (1664 female or 23 %). Of these, skilled workers from company did 5070 working days (1326 female or 26 %), 2522 were done by unskilled workers from villages (780 female or 31 %), and females equated for working days,which equals 32 %,
- Trainings, meeting, monitoring and follow up to FWUC representatives and local authorities such as meeting to review the FWUC statute and by-laws, FWUC Committees election, Official announcement to carry out the FWUC Statute and by-laws, Capacity building and training included financial management/book

keeping, administrative task trained, irrigation service fee calculation, planning trained, the minute taking and report writing trained and the conflict resolution trained. In sum total 4338 participants (1429 female or 33%). The target achieve is more than GAP target set (33%).

### 3. Other trainings and consultations:

No other trainings or consultations, not mentioned above took place in the reporting period. The next training planned will take place on 15/16<sup>th</sup> May involving ACs and WFNs. It is a training budgeted for in the AWPB 2023.

### 4. Findings and recommendations

- As mentioned above, the reduction in the national gender experts' input, which was reduced from 100% to 75% continues to pose a problem, in those adequate consultations, monitoring, field visits etc., are lacking due to this reduction. At the same time, the level of reporting, which is supported by the International Gender Expert, is also taking ample time for the national expert. It is recommended to increase the national experts input back to 100%.
- The International Expert, which input has increased by 1.54-man months until project end, is considered sufficient for tasks only related to the reporting and some development of training materials etc. At 2 days per month, this is considered sufficient for this task, but not more elaborate tasks or field visits,
- ToR + Budget for the VC study (suggested integrated with the desk study) has been submitted and are pending further approvals. The national and international gender experts have clearly stated that they cannot provide any input (as TL, national Gender Expert or monitoring the study) on the current input, which would jeopardize the allocated working days set for reporting, consultations etc. In the VC budget, time and money has been allocated for these roles.

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**Annex 1. Gender Action Plan (GAP) Monitoring Table January to March, 2023**

**Date of Update: 31<sup>th</sup> March, 2023**

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

**Country:** Cambodia

**Project No.:** 48409-002

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

**Approval and Timeline:** June 2018 to 2024

**Gender Category:** EGM

**Mission Leader:** Srinivasan Ancha

**Project Impact:** Agricultural Competitiveness Improved

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

The following Gender Action Plan Monitoring included 14 Target 7 Actions to promote women's voice and activities participants in the project activities.

Progress of GAP implementation as February 2023

- **6(86 %) out of 7 Actions were on track, 1 (14%) were off-track.**
- **12 (79 %) out of 14 targets were on track and 2(14 %) were off-track**

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (March 2023) (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)																																				
<b>Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient</b>																																						
Women’s time poverty and drudgery reduced through the provision of improved time-saving and gender-responsive infrastructure. OP 2.4																																						
1.1.1 . 27 irrigation and water management systems targeting 15,000 ha and 25,000 households (with at least 50,000 women) rehabilitated (2017 baseline: 0) (DMF 1a OP 2.5.2) <b>Target: 1 (on - track)</b> <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; Design engineers <b>Time frame:</b> Q1 Y2 - Q4 Y4	<ul style="list-style-type: none"> <li>• 80 Pon in the 4-target province with total 4660 beneficiary (2253 females or 48%) 284 HHH, 74 FHH</li> </ul> Table 1: Pon construction <table border="1"> <thead> <tr> <th>Province</th> <th>Total</th> <th>Female</th> <th>% F</th> <th>HH</th> <th>FH</th> </tr> </thead> <tbody> <tr> <td>Kampot</td> <td>1318</td> <td>723</td> <td>55%</td> <td>80</td> <td>34</td> </tr> <tr> <td>Takeo</td> <td>2017</td> <td>925</td> <td>46%</td> <td>69</td> <td>12</td> </tr> <tr> <td>Kompong</td> <td>613</td> <td>269</td> <td>44%</td> <td>66</td> <td>15</td> </tr> <tr> <td>Tbong Khmum</td> <td>712</td> <td>336</td> <td>47%</td> <td>69</td> <td>13</td> </tr> <tr> <td>In sum total</td> <td>4660</td> <td>2253</td> <td>48%</td> <td>284</td> <td>74</td> </tr> </tbody> </table>	Province	Total	Female	% F	HH	FH	Kampot	1318	723	55%	80	34	Takeo	2017	925	46%	69	12	Kompong	613	269	44%	66	15	Tbong Khmum	712	336	47%	69	13	In sum total	4660	2253	48%	284	74	
Province	Total	Female	% F	HH	FH																																	
Kampot	1318	723	55%	80	34																																	
Takeo	2017	925	46%	69	12																																	
Kompong	613	269	44%	66	15																																	
Tbong Khmum	712	336	47%	69	13																																	
In sum total	4660	2253	48%	284	74																																	
1.1.2 12,000 additional biodigesters and 6,000 compost huts made operational, benefiting at least 80,000 persons, including at least 50% women, due to better air quality. (2017 baseline beneficiaries: 11,468 persons including 5,721 women). (DMF 1f. OP 2.4.1) <b>Target: 2 (Off- track)</b> <b>Responsibilities:</b> PMU MAFF (lead)	CS2 component /PPIU conducted: <ul style="list-style-type: none"> <li>• 56 biodigesters were made operational and functioning under the activity for research, development, pilot and use of the biodigester construction with total 280 beneficiaries (154 females or 55%).</li> <li>• 22 compost huts were made operational and functioning under the activity for research, development, pilot and use of the compost hut construction with 110 beneficiaries (60 females or 55%).</li> </ul>																																					

<p>&amp;PPIUs; GDAH  <b>Time frame:</b> Q1 Y2– Q4 Y4</p>		
<p>1.1.3 Women comprise at least 40% of participants in consultation and planning activities, including participants from the Women Farmers Network, on the gender-responsiveness and climate resiliency of critical project infrastructure (aggregate basis). (2017 baseline: 30% female participation)  <b>Target: 3 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; Design engineers  <b>Time frame:</b> Q1 Y2 - Q4 Y4</p>	<p>GFP/ PPIU conducted:</p> <ul style="list-style-type: none"> <li>• 5 times disseminate with Ministry official staff of the importance using biogas to farmers' beneficiary, especially focusing on women with total 16 participants (10 females or 63%)</li> <li>• Conducted consultation, planning meeting with WFNs to awareness the advantage of Bio-digester as on agriculture mixed plantation and gender response of the climate resilience of key project infrastructure with total 185 participants (85 females or 46 %).</li> </ul> <p><b>CS2 component /GFP/ PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• Meeting with key farmers on the role of the research, development, pilot and use of the biodigester and compost hut construction with total 49 participants (15 females or 31%).</li> <li>• Conducted site visited in the target areas, follow up Bio- digester construction demonstration process and project labelling with total 15 participants (4 females or 26%)</li> </ul>	
<p>1.1.4 At least 25% of workdays created by project activities will be awarded to women.  <b>Target: 4 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MOWRAM; MRD; contractors of civil works  <b>Time frame:</b> Q1 Y2 - Q4 Y6</p>	<ul style="list-style-type: none"> <li>• GFP /PPIU hold a consultation and planning meeting with a WFN on the benefit from the ACs warehouse construction with total 90 participants (22 females of 24 %).</li> <li>• CS1 team (social safe guard, environment and gender specialist) conducted training on environmental and social safe guards and gender to contractors and local communities with total 39 participants (3 females or 8 %).</li> </ul> <p><b>MAFF subproject for ACs Storage Warehouse construction</b></p> <ul style="list-style-type: none"> <li>• 35 of the ACs construction warehouse (50T =10, 100T =20 and 200T= 5) with total 953 skilled/unskilled workers (216 females or 23 %) out of these 408 skilled workers (75 females or 18 %) 547 unskilled workers (141 females or 26%). 550 skilled/ unskilled workers (131 females or 24 %) from the company and 444 skilled /unskilled workers (102 females or 23 %) from the villages. The</li> </ul>	<ul style="list-style-type: none"> <li>• The target of 25 % was partly met in the Construction for AC Storage Warehouse (50T), Training Building and Mechanization Building site because the construction was constructed at the Department.</li> <li>• Normally, unskilled women workers more involved in the construction works at the commune level.</li> </ul>



	<p>total 24666 workdays (5452 females or 22 %) of these, 14997 workdays (3147 females or 21 %) from company, 9797workdays (2260 females or 23 %) unskilled done by villages commune. Females skilled /unskilled work equal which 23 %. The targets are less than the GAP target set.</p> <p><b>MRD subproject for road construction:</b></p> <ul style="list-style-type: none"> <li>• 8 lines of the road construction in total 71 km with total 546 skilled/unskilled workers (128 females or 23 %) out of these 368 skilled/unskilled workers from the company (73 females or 20 %) and 178 workers from the villages (55 females or 31 %). The total 14196 workdays 3328 females or 23 %) of these, 9568 workdays (1898 females or 23 %) from company, 4628 workdays (1430 females or 31 %) unskilled done by villages commune. Females equal for workdays which 31%. The targets are more than the GAP target set.</li> </ul> <p><b>MOWRAM subproject for irrigation construction:</b></p> <ul style="list-style-type: none"> <li>• 2 lines of the irrigation construction in Pram kompeak and O'Kamprok Irrigation scheme with total 41 skilled/unskilled workers (11 females or 25 %) out of these 26 skilled/unskilled workers (6 females or 25 %) from the company and 18 skilled/unskilled workers (5 females or 28%). The total 1178 workdays 310 females or 25 %) of these, 620 workdays (155 females or 25 %) from company, 588 workdays (155 females or 28 %) unskilled done by villages commune. Females equal for workdays which 28%.</li> <li>• Tasks and activities performed by women and men:  <b>Men:</b> Operating machines, general measurements, making of formwork, casting of concrete, steel bending, wiring, transporting of heavy work and control workers (incl. with use of machines).  <b>Women:</b> Small and light work such as wiring, curing water, mixing         </li> </ul>	
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	<p>cement, cleaning of sites and cooking. Install Rebar, Accounting Cooker, Flage Draftsman, Store.</p> <p>No “child labor” is hired by the contractor since the project start.</p> <p>Unskilled men and women receive equal pay for same work and fair payment. For example, women earned in amounts of 35,000 riels to 40,000 riels per day, while men received the same amounts per day inclusive, without food, provided by the contractor. Women un-skill workers in communities were encouraged to work in the construction side</p>	
<p>1.1.5 Skills training sessions provided to women on infrastructure related construction and rehabilitation, and operation and maintenance.</p> <p><b>Action: 1 (on- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; GDAH; MOWRAM; MRD; contractors of civil works</p> <p><b>Time frame:</b> Q4 Y1 – Q4 Y6</p>	<p>GFP/PPIU conducted:</p> <ul style="list-style-type: none"> <li>• Follow up and sport check of the ACs storages construction with total 16 participants (11 females or 69%)</li> </ul>	<ul style="list-style-type: none"> <li>• There was lack of women in community to participate in the construction because most of women are busy with their house, farm work and have also migrated to Phnom-Phen and even Thailand.</li> <li>• The contractor has committed to cooperate with village chiefs to get more women workers.</li> </ul>
<p>1.1.6 Involve at least 30% of women as active agents in the promotion campaigns on the use of renewable energy solutions.</p> <p><b>Target: 5 (On- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) &amp;PPIUs; GDAH</p> <p><b>Time frame:</b> Q4 Y1 – Q4 Y4</p>	<p><b>GFP/ PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• Conducted Gender Mainstreaming in the Campaign on the Use of Bio-digester with total 11 participants ( 7 females or 64%)</li> <li>• 3 Disseminate the importance of using Bio-digester and Compost Huts with the national staff to farmer families, especially focus on women with total 72 participants (42 women or 58%)</li> <li>• Gender Mainstreaming in Campaign on Bio-digester use with total 12 participants (8 females or 67%)</li> </ul> <p><b>CS2 component:</b></p> <ul style="list-style-type: none"> <li>• Training on data entry and management of data system on Biodigester and compost hut with total 59 participant (17 females or 14 %).</li> <li>• Conducted Integrated farming demonstrations with the farmers from Siem Reap, Pursat, Kampong Thom and Kampot provinces to</li> </ul>	

	<p>learn the experiences of adaptation techniques for applying the bio-slurry on vegetable production in Odom Soriya Agriculture Cooperative that led the exchange visit by Action Aid Cambodia with total 60 participants (41 females or 68%).</p>	
<p>1.1.7 As part of the promotion campaigns about biodigesters and other renewable energy solutions, raise awareness among women and men in the communities about the benefits for value chain improvement/ climate change but also for greater gender equality (time saving, drudgery reduction, improved health).</p> <p><b>Action: 2 (On - track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) &amp;PPIUs; GDAHP  <b>Time frame:</b> Q4 Y1- Q4 Y4</p>	<p><b>GFP /PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• Conducted facilitate and provide input equality of gender mainstreaming on the acceptance of women in the use of Bio-digester (economic / social and environmental development). Of the 30 families benefiting from the Bio-digester, 24 families have improved their livelihoods. In sum total 534 participants (328 females or 61%)</li> <li>• GFP PPIUs conducted integration awareness on effective gender Mainstreaming in Bio-digester and compose Huts Use with total 12 participants (5 female or 42%).</li> </ul>	
<p>1.1.8 Promotional materials developed and disseminated on biodigesters and other renewable energy solutions including awareness raising on how this addresses the disproportionate burden of household and care work carried out by women farmers, especially female headed households.</p> <p><b>Action: 3 (On-track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) &amp; PPIUs; GDAHP  <b>Time frame:</b> Q1 Y2- Q4 Y4</p>	<p><b>CS2/ PMU/ PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• Conducted regular field monitoring on the 38 integrated farming demonstrations with total 154 beneficiaries (83 females 54%) women that is functioned the implements of demonstration for adaptation techniques.</li> </ul> <p><b>GFP /PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• GFP/ PPIU conducted encourage and follow the use of Bio-digester promotion materials to farmers' beneficiary in the target areas, especially focusing on women heads of households with total 363 participants (219 females or 60%).</li> </ul>	<p>Delayed construction of biodigester and compost hut because potential farmers change their mind and postponed the activities busy with their core.</p>
<p><b>Output 2: Climate smart agriculture and agribusiness promoted</b></p>		

2.1 Gender equality in human development enhanced. OP 2.2		
<p><b>2.1.1</b> 40,000 farmers, of whom 16,000 are women, trained in CSA and agribusiness development skills, of which 50% are SRP compliant with direct links to millers and exporters (2017 baseline for SRP compliance) (DMF 2b. OP 2.2.1)  <b>Target: 6 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, MOWRAM, WFN  <b>Time frame:</b> Q1 Y2- Q4 Y6</p>	<ul style="list-style-type: none"> <li>• GFP/PPIU Joint conducted participate in coordinating, follow up and evaluating of the sustainable cassava and climate resilient smart agriculture (CSA) practices with total 26 participants (8 females or 31%)</li> </ul>	<ul style="list-style-type: none"> <li>• Growing season, the farmers are busy with their produce and difficult meet them</li> </ul>
<p><b>2.1.2</b> 27 FWUCs/FWUGs made operational AND 500 FWUC/FWUG members, of which 30% are women, develop capacity to operate and maintain irrigation schemes (2017: 0) (DMF 2c. OP 2.2.1)  <b>Target: 7 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) &amp; PPIUs  <b>Time frame:</b> Q1 Y2- Q4 Y2</p>	<p>CS2 / PMU and PPIU with supporting from MOWRAM PMU/PPIU and FGP conducted:</p> <ul style="list-style-type: none"> <li>• 75 training courses to the FWUC representatives of the irrigation scheme subproject in the 4 target provinces such as Administrative Tasks, Communication skills, Financial management/book keeping, Irrigation Service fee calculation, Planning, Minute taking and report writing, Conflict resolution, The Role and responsibility, important operation Objectives and Overview of irrigation System and Scheme operational implementation and Cropping calendar with total 2,841 participants ( 753 females or 27% )</li> <li>• Official announcement to carry out the FWUC statute for Pou Tatress irrigation scheme with total 427 participants (128 females or 30%).</li> </ul>	<ul style="list-style-type: none"> <li>• Some women of the farmers are very busy with rice harvesting;</li> <li>• There is no budget for manual translation from Khmer – English</li> </ul>
<p><b>2.1.3</b> 30% of women farmers, including the WFN members, are involved in in the selection and multiplication of climate resilient crop varieties.  <b>Target: 8 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) &amp; PPIUs; CARDI; WFN  <b>Time frame:</b> Q4 Y1- Q4 Y6</p>	<p>GFP/PPIU/CS2 conducted:</p> <ul style="list-style-type: none"> <li>• On-farm rice seed production demonstration to the key farmers with total 90 participants (47women or 52%)</li> <li>• Planted corn in 2 places 1 ha areas, 2 families (1 Families female or 80 %) with total 15 participants (11 female or 80%)</li> <li>• Select the field to show the production of 9 varieties of the 4.5 ha 19 HHH (7 FH) with total 45 participants (32 female or 52%)</li> <li>• Collecting data information and select farmers for the experiment</li> </ul>	<ul style="list-style-type: none"> <li>• Vegetable growing techniques on the shelfis limited with a low market price and the fertilized increasing price.</li> <li>• Due to lack of good cassava seed with diseases from right resource, so some cassava farm not good</li> </ul>

	<p>to show the Bio-digester and compost Huts for year 2022 with total 18 participants (10 females or 56%).</p> <ul style="list-style-type: none"> <li>• Cassava demo planting material production demonstration and used cassava variety (average yield = 16T/ha and average yield=29T/ha) to the key farmers with total 30 participants (17women or 56%)</li> <li>• Maize seed production demonstration to the key farmers from variety sources such as CHM01 Source from Banteay Dek Station, CM1 sources from CM 1 and 9 Seed source from CARDI with total 45 participants (17 females or 37%).</li> <li>• Established product groups in Tbong khmum province with total 44 participants (14 females or 32%)</li> <li>• Conducted encourage communities to promote quality, resilient and climate change varieties to community members with total 43 participants (12 females or 28%)</li> </ul>	<p>enough farm for contribution seed to other farmers in their communities.</p> <ul style="list-style-type: none"> <li>• Due to more raining and drier season it affected to maize seed demonstration in several key farmers of their farms of Maize were not growing well. The maize seed variety (CM1 as fruit small from CARDI) not match with present local market.</li> </ul>
<p><b>2.1.4</b> Women represent at least 40% of participants in all capacity-building activities (trainings, demonstrations, study tours) supported by the project (aggregate basis).  <b>Target: 9 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, MOWRAM, WFN  <b>Time frame:</b> Q1 Y2 - Q4 Y6</p>	<p><b>GFP / PPIU /CS2 conducted:</b></p> <ul style="list-style-type: none"> <li>• Follow up the acquisition of knowledge and skills from training, demonstrations and sharing experiences with community members with total 41 participants (21 females or 51%).</li> <li>• Participated in the General Assembly workshop to review the work result of the ACs for year 2022 and set the workplan for year 2023 with total 106 participants (66 females or 62%)</li> </ul> <p><b>CS2/ PMU/ PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• Training of farmers group on best management practice (BMP) of the rice, cassava, and maize production and on rice seed production techniques with follow up (RSPT&amp;FU) with total 1300 participants (619 female or 48%).</li> <li>• on-field rice seed production demonstration with a total 70 participant (38 females or 54%)</li> </ul>	



<p><b>2.1.5</b> Women represent 40% of increased labor pool of individuals who can operate agricultural machinery. (2017 baseline: 0)  <b>Target: 10 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, MOWRAM, WFN  <b>Time frame:</b> Q4 Y1 – Q4 Y5</p>	<p>Conducted encourage communities, especially women to participate in agricultural machinery control activities with total 41 participants (21 females or 51%).</p>	
<p><b>2.1.6</b> Strengthen linkages between farms/cooperatives/enterprises and agribusiness industry, especially women-led and/or owned farms/ enterprises and cooperatives with majority female members.  <b>Action: 4 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; WFN  <b>Time frame:</b> Q1 Y2- Q4 Y2</p>	<ul style="list-style-type: none"> <li>The CS2 component / PMU/PPIU conducted 4 forums on the multilateral matching platform on various conditions of contract farming such as the forum on rice, Mango, Casava production in Kep and Svay Rieng province with total 112 participants (12 females or 12%).</li> </ul>	
<p><b>2.1.7</b> Female government staff make up at least 25% at the national level, and 20% at local level, of participants in capacity building activities on CFAVC (aggregate basis).  <b>Target: 11 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs  <b>Time frame:</b> Q1 Y2- Q4 Y6</p>	<p>Conducted farmer field day, at field experiment by CARDI with total 70 participants (38 females or 54%)</p>	<p>Some activities have been delayed because late of budget dispending from ADB and MEF.          More raining in the dry it was not good on-farm adaptive trial promising line</p>
<p><b>Output 3: Enabling environment for climate friendly agribusiness enhanced</b></p>		
<p><b>3.1. Gender equality in decision-making and leadership enhanced. OP 2.3</b></p>		
<p>3.1.1. Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework focusing on agribusinesses formulated and approved. (2017 baseline: 0) (DMF</p>	<ul style="list-style-type: none"> <li>CS2 component team worked with Department of Planning and Statistic (DoPS) and the Department of Agro-Industry (DoAI) to review existing relevant policy documents; and reviewed the proposed TOR for a policy study.</li> <li>CS2 have been liaising with the linked departments of MAFF and</li> </ul>	<ul style="list-style-type: none"> <li>There were no activities due to the Public Private Partnership Specialist used the input is over since November 2022. The submission to request NOL from ADB is on 21st</li> </ul>

<p>3a. OP 2.3.1)  <b>Action 5: (Off-track)</b>  <b>Responsibilities:</b> PMU MAFF  <b>Time frame:</b> Q1 Y2 – Q3 Y1</p>	<p>IAs to develop the Climate Smart Gender Responsive Agribusiness Guideline development for AWPB 2023.</p>	<p>October 2022 still pending approval.</p>
<p>3.1.2. Actively involve the MAFF GCWG, the sub-national Gender Focal Points (Province, District, Commune), and the WFN and the Agricultural Cooperatives as key partners in project implementation and monitoring, especially for the GAP activities.  <b>Action: 6 (On-track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MAFF CCPSU: sub-national Gender focal points; WFN  <b>Time frame:</b> Q2 Y2 - Q4 Y7</p>	<ul style="list-style-type: none"> <li>• 3 times follow up the use of biogas on mixed agriculture of the WFN with total 71 participants (41 females or 58%).</li> <li>• Collected information, data and select farmers for biogas demonstration model in the 2022 with total 15 participants (12 females or 80%)</li> <li>• Field site visit in the target villages with follow up on the Bio-digester construction process and project labeling with total 15 participants (4 females or 27%).</li> <li>• Encourage communities and breeding quality of the resilient and climate change varieties to community members with total 43 participants (12 females or 28%).</li> </ul>	<p>More raining in the dry it was not good on-farm adaptive trial promising line</p>
<p><b>3.2 Women’s economic empowerment increased OP 2.1</b></p>		
<p>3.2.1. 50 staff, including 30% women, from financial institutions trained in CSA and green finance. (2017 baseline: 0) (DMF 3c. OP 2.1.2)  <b>Target: 12 (On-track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs  <b>Time frame:</b> Q1 Y2 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>• Working with Association Bank of Cambodia (ABC) and Association of Micro Finance Institute (MFI) to identify and select 50 staff, including 30% women from 30 banks and 20 FMIs for training based on the training need assessment (TNA) on the green financing.</li> <li>• 32% of total 24 respondents have green finance policy in place, 8% are in process of development whilst 60% doesn’t have green finance policy yet. About 70.8% of the respondents have a limited understanding to develop green finance products and 29.20% have good understanding and applying the green finance principles within their institutions.</li> <li>• Conducted training on Data entry and management of data system on Biodigester and compost hut to PPIUs in four provinces focusing on carbon offset and climate change impacts and MAFF’s</li> </ul>	<ul style="list-style-type: none"> <li>• Green Financing concept is seemed quick new for Cambodia context may need more awareness raising widely including out PMU and PPUI.</li> <li>• Some activities have been delayed because late of budget dispending from ADB and MEF.</li> </ul>



	targeting to reduce the GHG's emission in 2030 with total 29 participants (4 females or 14%). The target of participants is less than GAP set due to use the existing list.	
<p>3.2.2. 30 agribusinesses, including 30% women-led and/or owned trained on green finance and CSA (2017 baseline: 0) (DMF 3d. OP 2.1.2)</p> <p><b>Target: 13 (On- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs</p> <p><b>Time frame:</b> Q1 Y2 – Q4 Y6</p>	<p><b>CS2 component /PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• Training orientation on the green financing assessment and green project development and connected to all ACs to ACLEDA and ARDB with total 56 participants (32 females or 57%).</li> <li>• The List of selected 30 Agriculture cooperative has been reviewed to matching with PPP target ACs to ensure that they are able to implement the green business project and access to green financing as well.</li> <li>• Conducted 12 training workshops on the green financing to Agriculture Cooperatives (ACs) in the 4 target provinces with total 167 participants( 102 females or 61%) .</li> </ul>	<ul style="list-style-type: none"> <li>• ABC and MFI is requesting MOU for corporation with them toward implementation activities</li> </ul>
<p>3.2.3. Raise awareness among women farmers/ cooperative members, women-led and/or owned enterprises, and female staff in financial institutions using adequate channels about existing credit facilities, green financing including crop insurance and required formalities to access these</p> <p><b>Action: 7 (On- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs</p> <p><b>Time frame:</b> Q1 Y2 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>• 8 times meeting with PPIU in the four target provinces to discuss on the green financing, how to assess the green finance of the local bank to identify the list of the potential bank at 4 provinces with total 56 participants (26 females or 46%).</li> </ul>	<ul style="list-style-type: none"> <li>• Green Financing concept is seemed quick new for Cambodia context may need more awareness raising widely including out PMU and PPUI</li> </ul>
<p>3.2.4. 20,000 households, including 20,000 women, provided with information on climate risk sharing instruments (2017 baseline: 0) (DMF 3e. OP 2.5.3)</p>	<ul style="list-style-type: none"> <li>• Identify the crop insurance company such as FORTE Insurance Company to understand on the requirement and climate risks to access the crop insurance.</li> </ul>	<ul style="list-style-type: none"> <li>• During the reporting period, the National Training and Capacity Building Specialist has not</li> </ul>

<p><b>Target: 14 (Off- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs  <b>Time frame:</b> Q1 Y2 - Q4 Y6</p>	<ul style="list-style-type: none"> <li>• Meeting with crop insurance to organize a dissemination on the weather forecasting and crop insurance at target provinces.</li> <li>• Conduct a meeting with PPIUs and AC to introduce the crop insurance concept and green project.</li> </ul>	<p>mobilized yet since the submission to request NOL from ADB on 21<sup>st</sup> October 2022.</p> <ul style="list-style-type: none"> <li>• The activities have been delayed due to the late of budget dispending from ADB and MEF.</li> </ul>
<p><b>Project management gender related activities</b></p>		
<p>4.1. PMU to appoint safeguards officer to also be responsible and accountable for gender, who will closely liaise with representatives from the MAFF GCWG at national level and from WFN, Agricultural Cooperatives and sub-national gender focal points (province, district, commune), and agricultural cooperatives as key partners in project implementation, monitoring and reporting.</p>	<ul style="list-style-type: none"> <li>• The team activities had been carefully designed to support key focal person in implementation successful as project development priorities and have achieved a good balance between ACs and community beneficiary and interventions aimed at promoting long-term sufficient development.</li> </ul>	<ul style="list-style-type: none"> <li>• Preferably monthly meetings with relevant stakeholders. The civil work in the 3 Ministry become more and more, spend a lot of time to collected report from contractors site engineers and CSs.</li> </ul>
<p>4.2. Prepare annual work plans to implement the activities of the GAP.</p>	<ul style="list-style-type: none"> <li>• ABWP year 2023 were prepare and submit to PMU, the gender budget breakdown has been integrating in the CS2 component budget code for PMU.</li> <li>• GFP Team together with the Gender consultants has developed training workplan at commune level to ensure the best practice for them on integration of gender into CFAVC during field training.</li> </ul>	<p>The AWPB pending approval by MEFF</p>
<p>4.3. Gender consultants (national and international) recruited to support GAP implementation, monitoring and reporting and to build the capacity of the GCPSU and gender focal points and PMU staff in gender analysis and mainstreaming.</p>	<ul style="list-style-type: none"> <li>• GAP is now much better understood and ‘rolled out’, the gender consultants notice higher quality in gender data obtained from the GFPs. This is good news as it takes away substantial efforts and time which was previously used to capacity-build the GFPs, with many online meetings every month.</li> <li>• All females’ leaders and members of Agricultural Cooperatives (ACs) active participate in all project activities such consultations,</li> </ul>	

	planning, meetings for the ACs business, rehabilitation and construction;	
4.4. Relevant departments in MAFF, agricultural extension agents, local leaders and government officials, GCPSU and Gender Focal Points, and WFN to receive training on gender considerations in climate-friendly agribusiness value chains as central component of project capacity building activities.	<ul style="list-style-type: none"> <li>Local commune, Gender Focal Point and beneficiary are involved in monitoring capacity building activities and identify the needs and concerns of women farmers, ACs female leaders and female members to be improved for their work with relevant project on gender mainstreaming and GAP implementation approaches, particularly for monitoring and follow up and collect sex data.</li> </ul>	<ul style="list-style-type: none"> <li>As the GAP is mirrored the DMF, thus there is no separate budget to implement GAP, and it is well-integrated in the project's budget allocation/plan, such as training, sharing of information, workshop and awareness programs and field work etc.</li> </ul>
4.5. Collection and analysis of sex disaggregated data where relevant and included in project reports (DMF, GAP and PPMS).	<ul style="list-style-type: none"> <li>Data obtained from GFP /PPIU and engineers on a regular basis</li> </ul>	<ul style="list-style-type: none"> <li>Data received from CS2 component is not timely.</li> </ul>
4.6. GAP implementation progress reports included in regular monitoring and reporting activities (at least semi-annually to ADB).	<ul style="list-style-type: none"> <li>Continuous work to support the implementation of the new GAP. All GFPs seem to have a better grasp on how to use it, and what the 14 targets and the 7 actions in the new GAP means.</li> </ul>	

Comments/ Remarks:

Accomplished by: \_\_\_\_\_

Date Accomplished: \_\_\_\_\_



## ANNEX 11: Details Procurement January – March 2023

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH

*Prepared by*

# Procurement Tracking MAFF

No	Contract No.	Contract Description	Prior (P) or Post Review (PR)	Method of Selection	Planned(PL)/Accual (AC)	Design and Cost Estimate			Bidding Documents and Bidding Process				Bid Evaluation/contract award recommendations			Contract						
						EA sent to DP for NOL (Date)	EA received DP's NOL (Date) / RSA approved	Cost Estimate (Amount)	EA sent BD to DP for NOL (Date)	EA received DP's NOL (Date)	Bid Invitation Issued (Date)	Bids Opened (Date)	EA PRC's Approved on BER(Date)	EA sent BER to DP for Approved (Date)	EA received DP's NOL (Date)	EA send draft Contract to the DP for NOL (Date)	EA received DP's NOL (Date)	Contract Signed (Date)	Contractor's Name	Contract Amount (\$)	Contract Started (Date)	Contract Completion (Date)
17	CW-3b1/CFAVC/MAFF/2022-02	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, Package-1 (21 units in 2021), Lot 2 (Takeo, 13 Units) - \$1,512,756.00	Prior	NCB	AC	N/A	N/A	2,443,781.00	N/A	N/A	1-Mar-22	1-Apr-22	10-Jun-22	1-Aug-22	14-Dec-22	N/A	N/A	3-Nov-22	KBH Construction Co.Ltd	1,297,472.92	14-Nov-22	13-Apr-23
18	CW-3b2/CFAVC/MAFF/2022-01	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, Package-2 - Lot 1 (Kampongcham 4 Units)	Post	NCB	AC	N/A	N/A	461,473.90	N/A	N/A	27-May-22	27-Jun-22	31-Oct-22	N/A	N/A	N/A	N/A	1-Dec-22	KBH Construction Co.Ltd	435,354.48		30-May-23
19	CW-3b2/CFAVC/MAFF/2022-02	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, package-2 - Lot 2 Tboung Khmum, 10 Units	Post	NCB	AC	N/A	N/A	1,540,524.10	N/A	N/A	27-May-22	27-Jun-22	31-Oct-22	N/A	N/A	N/A	N/A	1-Dec-22	KBH Construction Co.Ltd	1,436,209.74		30-May-23
20	CW-3b3/CFAVC/MAFF/2023/01	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, package-3 (25 units) , Lot 1 - Kampot 4 Units)	Post	NCB	AC	N/A	N/A	479,288.00	N/A	N/A	1-Jan-23	6-Feb-23	13-Apr-23	N/A	N/A	N/A	N/A	3-May-23	KBH Construction Co.Ltd	412,656.73	9-May-23	9-Oct-23
21	CW-3b3/CFAVC/MAFF/2023/02	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, package-3 (25 units) , Lot 2 - Takeo 12 Units)	Post	NCB	AC	N/A	N/A	1,407,073.00	N/A	N/A	1-Jan-23	6-Feb-23	13-Apr-23	N/A	N/A	N/A	N/A	3-May-23	KBH Construction Co.Ltd	1,211,518.92	9-May-23	9-Oct-23
22	CW-3b3/CFAVC/MAFF/2023/03	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, package-3 (25 units) , Lot 3 - Kampongcham 4 Units)	Post	NCB	AC	N/A	N/A	552,348.00	N/A	N/A	1-Jan-23	6-Feb-23	13-Apr-23	N/A	N/A	N/A	N/A	3-May-23	KBH Construction Co.Ltd	483,447.47	9-May-23	9-Oct-23
23	CW-3b3/CFAVC/MAFF/2023/04	Construction of Agricultural Cooperative Storage Units including: Cooperative store manager, Basic infrastructure for cooperative and infrastructure design, package-3 (25 units) , Lot 4 - Tboung Khmum 5 Units)	Post	NCB	AC	N/A	N/A	672,170.00	N/A	N/A	1-Jan-23	6-Feb-23	13-Apr-23	N/A	N/A	N/A	N/A	3-May-23	KBH Construction Co.Ltd	588,347.46	9-May-23	9-Oct-23
24	CW7a (Proposed for new building replacing office equipment provision in the original design)	Construction of Mechanization Workshops & Supervision for Takeo Province	Post	Shopping with advertise	AC	N/A	N/A	81,543.73														

Bid opening record MAFF 25 ACs batch III



**KINGDOM OF CAMBODIA**

Nation Religion King

The Ministry of Agriculture, Forestry and Fisheries (MAFF)

Project Management Unit (PMU)

Climate- Friendly Agribusiness Value Chains Sector Project (CFAVC)

ADB Loan No. 3661- CAM (Col), 8346- CAM (EF) and Grant No.: 0579-CAM (EF)

Venue:#200, corner of Preah Norodom Blvd and Mao Tse Tung, Khan Chamkar Mon, Phnom Penh.

**RECORD OF BID OPENING**  
**National Competative Bidding Document (NCB)**  
Procurement of Civil Works

**The Construction of Agricultural Cooperatives Storage 25 units in TAK, KPT, KCM, and TBK**

Date: 06 February 2023

Tiem: 2:30pm

No	Bidder's Name	Bid Received on time	Bid Sealed	Any Modifications or Withdrawals	Bid Form completed and signed	Bid Securing Declaration	Read Out Bid Prices in Bid Submission Form				Discount	Bidder's Signature
							Lot 1: KPT	Lot 2 : TAK	Lot 3: KCM	Lot 4: TBK		
1	Taing Cheng Oing Constructions & Import Export Co., Ltd	Yes	Yes	No	Yes	Yes	488,364.06	1,428,737.66	557,071.32	679,162.33	No	
2	U M V Development Co., Ltd	Yes	Yes	No	Yes	Yes	510,579.40	-	591,168.61	-	No	
3	Royal Mekong Construction & Development Pte., Ltd	Yes	Yes	No	Yes	Yes	450,287.33	1,319,817.07	521,366.96	631,514.73	No	
4	Peng Sour Construction Co., Ltd	Yes	Yes	No	Yes	Yes	514,755.69	1,509,025.91	-	-	No	
5	Ung Kim Heng Costruction Co., Ltd	Yes	Yes	No	Yes	Yes	-	-	595,098.38	718,985.03	No	
6	Hout Chhoeun Construction Co., Ltd	Yes	Yes	No	Yes	Yes	439,072.83	1,285,713.22	525,690.55	635,458.76	No	
7	K.B.H Construction Co., Ltd	Yes	Yes	No	Yes	Yes	412,663.77	1,211,534.96	483,452.77	588,354.49	No	
8	C.NO Construction and Investment Co., Ltd	Yes	Yes	No	Yes	Yes	436,142.05	1,252,685.92	489,985.72	589,770.23	No	
9	M.Architech & Construction Co., Ltd	Yes	Yes	No	Yes*	Yes*	626,228.32	1,835,413.22	720,006.31	892,883.67	No	

**Agenda**

1. Opening remarks by Chairman declaring the close of the bid submission and opening of the bids: at 2:30pm
2. Clarification/Questions Raised: No
3. Closing Remark: at 3:30pm

**\*Note:** Bidder M.Architech & Construction Co., Ltd has submitted one original and one copy. Bidder has submitted incorrect bid form.

**Name and Signature of Bid Opening Committee:**

SAM CHHOMSANGHA

CHAN SOPAN

Siv Sinyda

Sea Visalvath

Letter of Acceptance  
MAFF 25 ACs batch III



KINGDOM OF CAMBODIA  
NATION RELIGION KING

Ministry of Agriculture, Forestry and Fisheries    Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
Project Management Unit    ADB Loan No. 3661-CAM (COL), 8346-CAM (EF) and Grant No. 0579 (EF)  
Ref ...307.....CFAVC    Date: 28 April 2023.....

## Letter of Acceptance

Identification No. and Title of contract: **Lot 1: CW3b3/CFAVC/MAFF/2023/01**  
**The Construction of Agricultural Cooperative Storage 4 units of Grain Storage 100ton Capacity**  
**Kampot Province.**

**To: Mr. Kong Bun Hav**  
Director of K.B.H Construction Co., Ltd  
#C-27, St. B1711, Boeng Salang Village, Sangkat Russey Keo,  
Khan Russey Keo, Phnom Penh.  
Mobile phone: 077 611 777/ 085 711 777  
E-mail: [kbh.construction.coltd@gmail.com](mailto:kbh.construction.coltd@gmail.com)

This is to notify you that your Bid dated **06 February 2023** for execution of the Contract **Lot 1: CW3b3/CFAVC/MAFF/2023/01, the Construction of Agricultural Cooperative Storage 4units of Grain Storage for 100ton Capacity at Kampot Province** for the Contract Price in sum of **USD412,656.73** (US Dollar Four Hundred Twelve Thousand Six Hundred Fifty-Six and Seventy-Three cents only) as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by MAFF/PMU/ CFAVC Project.

You are hereby instructed to (a) sign and return the attached Contract Documents, and (b) forward the performance security pursuant to ITB Clause 31.1, i.e., within 14 calendar days after receipt of this Letter of Acceptance. *Handwritten mark*

*Handwritten signature: Dr. Sam Chhom Sangha*  
Authorized Signature: \_\_\_\_\_  
Name and Title of Signatory: **Dr. Sam Chhom Sangha,**  
Deputy Secretary General, MAFF  
Project Director of CFVAC

**Attachment: Contract Agreement**



Ministry of Agriculture, Forestry and Fisheries    Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
Project Management Unit    ADB Loan No. 3661-CAM (COL), 8346-CAM (EF) and Grant No. 0579 (EF)  
Ref ...3.08.....CFAVC    Date: 28 April 2023

## Letter of Acceptance

Identification No. and Title of contract: **Lot 2: CW3b3/CFAVC/MAFF/2023/02**  
**The Construction of Agricultural Cooperative Storage 12 units at Takeo Province:**  
- **2unit of Rice Seed Storage 50ton Capacity**  
- **10units of Grain Storage 100ton Capacity**

**To: Mr. Kong Bun Hav**  
Director of K.B.H Construction Co., Ltd  
#C-27, St. B1711, Boeng Salang Village, Sangkat Russey Keo,  
Khan Russey Keo, Phnom Penh.  
Mobile phone: 077 611 777/ 085 711 777  
E-mail: [kbh.construction.coltd@gmail.com](mailto:kbh.construction.coltd@gmail.com)

This is to notify you that your Bid dated **06 February 2023** for execution of the Contract **Lot 2: CW3b3/CFAVC/MAFF/2023/02, the Construction of Agricultural Cooperative Storage 12units** (2unit of Rice Seed Storage 50ton Capacity, and 10units of Grain Storage 100ton Capacity) **at Takeo Province** for the Contract Price in sum of **USD1,211,518.92** (US Dollar One Million Two Hundred Eleven Thousand Five Hundred Eighteen and Ninety-Two cents only) as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by MAFF/PMU/ CFAVC Project.

You are hereby instructed to (a) sign and return the attached Contract Documents, and (b) forward the performance security pursuant to ITB Clause 31.1, i.e., within 14 calendar days after receipt of this Letter of Acceptance. *SB*

Authorized Signature: *Dr. Sam Chhom Sangha*  
Name and Title of Signatory: **Dr. Sam Chhom Sangha,**  
Deputy Secretary General, MAFF  
Project Director of CFVAC

**Attachment: Contract Agreement**





KINGDOM OF CAMBODIA  
NATION RELIGION KING

Ministry of Agriculture, Forestry and Fisheries    Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
Project Management Unit    ADB Loan No. 3661-CAM (COL), 8346-CAM (EF) and Grant No. 0579 (EF)  
Ref ...30.9...CFAVC    Date: 28 April 2023...

## Letter of Acceptance

Identification No. and Title of contract: **Lot 3: CW3b3/CFAVC/MAFF/2023/03**  
**The Construction of Agricultural Cooperative Storage 4 units at Kampong Cham Province:**  
- 3unit of Grain Storage for 100ton Capacity  
- 1units of Cassava Storage for 200ton Capacity

**To: Mr. Kong Bun Hav**  
Director of K.B.H Construction Co., Ltd  
#C-27, St. B1711, Boeng Salang Village, Sangkat Russey Keo,  
Khan Russey Keo, Phnom Penh.  
Mobile phone: 077 611 777/ 085 711 777  
E-mail: [kbh.construction.coltd@gmail.com](mailto:kbh.construction.coltd@gmail.com)

This is to notify you that your Bid dated **06 February 2023** for execution of the Contract **Lot 3: CW3b3/CFAVC/MAFF/2023/03, the Construction of Agricultural Cooperative Storage 4units** (3unit of Grain Storage for 100ton Capacity, and 1units of Cassava Storage for 200ton Capacity) **at Kampong Cham Province** for the Contract Price in sum of **USD483,447.47** (US Dollar Four Hundred Eighty-Three Thousand Four Hundred Forty-Seven and Forty-Seven cents only) as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by MAFF/PMU/ CFAVC Project.

You are hereby instructed to (a) sign and return the attached Contract Documents, and (b) forward the performance security pursuant to ITB Clause 31.1, i.e., within 14 calendar days after receipt of this Letter of Acceptance. *គ*

Authorized Signature: *Dr. Sam Chhom Sangha*  
Name and Title of Signatory: **Dr. Sam Chhom Sangha,**  
Deputy Secretary General, MAFF  
Project Director of CFVAC

**Attachment: Contract Agreement**



Ministry of Agriculture, Forestry and Fisheries      Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
Project Management Unit      ADB Loan No. 3661-CAM (COL), 8346-CAM (EF) and Grant No. 0579 (EF)  
Ref ...3.1.0.....CFAVC      Date: 28 April 2023.

## Letter of Acceptance

Identification No. and Title of contract: **Lot 4: CW3b3/CFAVC/MAFF/2023/04**  
**The Construction of Agricultural Cooperative Storage 5 units at Tboung Khmum Province:**  
- 4unit of Grain Storage for 100ton Capacity  
- 1units of Cassava Storage for 200ton Capacity

**To: Mr. Kong Bun Hav**  
Director of K.B.H Construction Co., Ltd  
#C-27, St. B1711, Boeng Salang Village, Sangkat Russey Keo,  
Khan Russey Keo, Phnom Penh.  
Mobile phone: 077 611 777/ 085 711 777  
E-mail: [kbh.construction.coltd@gmail.com](mailto:kbh.construction.coltd@gmail.com)

This is to notify you that your Bid dated **06 February 2023** for execution of the Contract **Lot 4: CW3b3/CFAVC/MAFF/2023/04, the Construction of Agricultural Cooperative Storage 5units** (4unit of Grain Storage for 100ton Capacity, and 1units of Cassava Storage for 200ton Capacity) **at Tboung Khmum Province** for the Contract Price in sum of **USD588,347.46** (US Dollar Five Hundred Eighty-Eight Thousand Three Hundred Forty-Seven and Forty-Six cents only) as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by MAFF/PMU/ CFAVC Project.

You are hereby instructed to (a) sign and return the attached Contract Documents, and (b) forward the performance security pursuant to ITB Clause 31.1, i.e., within 14 calendar days after receipt of this Letter of Acceptance. *ST*

Authorized Signature: *Dr. Sam Chhom Sangha*  
Name and Title of Signatory: **Dr. Sam Chhom Sangha,**  
Deputy Secretary General, MAFF  
Project Director of CFVAC

**Attachment: Contract Agreement**



## ANNEX 12: Disbursement Details January – March 2023

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH

*Prepared by*



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

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**Quarterly Financial Report for the quarter ending: 31/Mar/2023**

**Content:**

**CONSOLIDATED**

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

**ANNEX:**

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

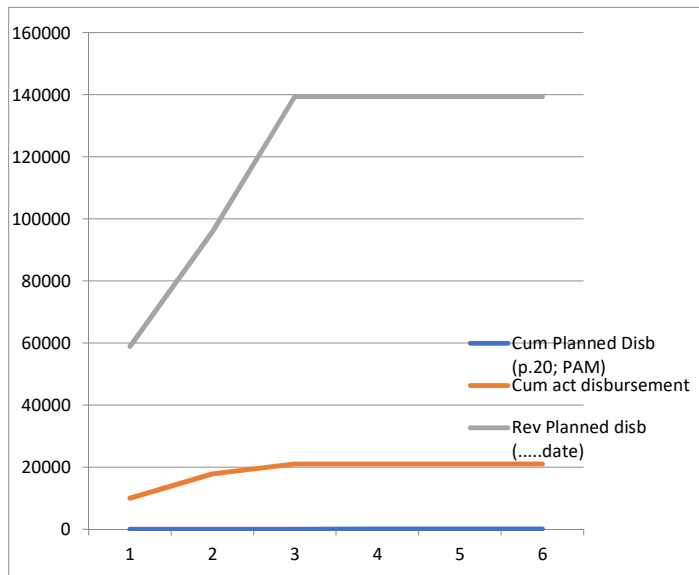
**Climate-Friendly Agribusiness Value Chain Sector Project (CFAVC)**  
**ADB Loan Numbers: L 3661-CAM (COL), L8346-CAM(EF), Grant No. 0579-CAM(EF)**

**I. Tables: Disbursement S-Curves**

For the period ending:

31/Mar/2023

YEAR	1	2	3	4	5	6	7
Planned disb (acco to PAM)		7.19	20.61	23.75	28.45	24.44	14.76
Cum Planned Disb		7.19	27.8	51.55	80	104.44	119.2
Revised annual disb	15,416	43,454.7	37,072.00	43,454.69	1	1	1
Cum Planned Disb		58,871.0	95,943.0	139,397.7	139,398.7	139,399.7	139,400.7
Act Disb	5,657.1	4,409.1	7,742.8	3,271.8	0	0	0
Act Cum Disb		10,066.1	17,809.0	21,080.8	21,080.8	21,080.8	21,080.8



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

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

For the Quarter Ending: **31-Mar-23**

PMU: MAFF

Expenditure	Expenditures during the Reporting Period (\$) (Q1)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
<b>Category</b>													
Civil Works	665,236	-	-	-	-	665,236	2,556,069	-	-	-	-	2,556,069	11.0%
Goods (Equipment & Supplies)	-	-	-	-	-	-	913,650	-	-	-	-	913,650	40.0%
Capacity Development (Training, Workshops, Seminars)	9,944	-	-	-	-	9,944	9,944	-	1,406,912	-	-	1,416,856	7.0%
Consulting Services	286,555	-	-	-	-	286,555	5,632,955	-	-	-	-	5,632,955	66.8%
Incremental Operating Costs (Project Management)	126,919	-	-	23,830	-	150,748	1,086,900	-	-	399,034	-	1,485,934	203.4%
<b>Subtotal</b>	<b>1,088,654</b>	<b>-</b>	<b>-</b>	<b>23,830</b>	<b>-</b>	<b>1,112,484</b>	<b>10,199,518</b>	<b>-</b>	<b>1,406,912</b>	<b>399,034</b>	<b>-</b>	<b>12,005,463</b>	<b>21.0%</b>
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges	-	-				-	192,075	1,864				193,939	
						-						-	
<b>GRAND TOTAL: PMU-MAFF</b>	<b>1,088,654</b>	<b>-</b>	<b>-</b>	<b>23,830</b>	<b>-</b>	<b>1,112,484</b>	<b>10,391,592</b>	<b>1,864</b>	<b>1,406,912</b>	<b>399,034</b>	<b>-</b>	<b>12,199,402</b>	<b>21.3%</b>

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

PMU: MOWRAM

Expenditure	Expenditures during the Reporting Period (\$) (Q1)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
<b>Category</b>													
Civil Works	-	-	-	-	-	-	1,713,179	283,299	234,224	-	-	2,230,702	5.1%
Goods (Equipment & Supplies)	-	-	-	-	-	-	-	-	-	-	-	-	
Capacity Development (Training, Workshops, Seminars)	-	-	34,962	-	-	34,962	-	-	175,914	-	-	175,914	44.3%
Consulting Services	-	-	-	-	-	-	-	-	-	-	-	-	
Incremental Operating Costs (Project Management)	11,557	-	-	15,020	-	26,577	125,540	-	-	200,585	-	326,125	57.3%
<b>Subtotal</b>	<b>11,557</b>	<b>-</b>	<b>34,962</b>	<b>15,020</b>	<b>-</b>	<b>61,539</b>	<b>1,838,719</b>	<b>283,299</b>	<b>410,137</b>	<b>200,585</b>	<b>-</b>	<b>2,732,740</b>	<b>6.0%</b>
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges						-						-	
						-						-	
<b>GRAND TOTAL: PMU-MOWRAM</b>	<b>11,557</b>	<b>-</b>	<b>34,962</b>	<b>15,020</b>	<b>-</b>	<b>61,539</b>	<b>1,838,719</b>	<b>283,299</b>	<b>410,137</b>	<b>200,585</b>	<b>-</b>	<b>2,732,740</b>	<b>6.0%</b>

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

**PMU: MRD**

Expenditure	Expenditures during the Reporting Period (\$) (Q1)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
<b>Category</b>													
Civil Works	385,388	63,730	52,690	-	-	501,807	1,263,226	208,893	172,707	-	-	1,644,826	4.4%
Goods (Equipment & Supplies)	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity Development (Training, Workshops, Seminars)	-	-	-	-	-	-	-	-	-	-	-	-	0.0%
Consulting Services	-	-	-	-	-	-	-	-	-	-	-	-	-
Incremental Operating Costs (Project Management)	14,066	-	-	3,720	-	17,786	183,605	-	-	64,560	-	248,165	0.5%
<b>Subtotal</b>	<b>399,453</b>	<b>63,730</b>	<b>52,690</b>	<b>3,720</b>	<b>-</b>	<b>519,593</b>	<b>1,446,831</b>	<b>208,893</b>	<b>172,707</b>	<b>64,560</b>	<b>-</b>	<b>1,892,991</b>	<b>4.9%</b>
JFPR Total						-						-	
GOVERNMENT						-						-	
OTHER DONOR/ Interest Charges						-						-	
						-						-	
<b>GRAND TOTAL: PMU-MRD</b>	<b>399,453</b>	<b>63,730</b>	<b>52,690</b>	<b>3,720</b>	<b>-</b>	<b>519,593</b>	<b>1,446,831</b>	<b>208,893</b>	<b>172,707</b>	<b>64,560</b>	<b>-</b>	<b>1,892,991</b>	<b>4.9%</b>
<b>OVERALL TOTAL (MAFF+MOWRAM+MRD)</b>	<b>1,499,664</b>	<b>63,730</b>	<b>87,652</b>	<b>42,570</b>	<b>-</b>	<b>1,693,615</b>	<b>13,677,142</b>	<b>494,057</b>	<b>1,989,756</b>	<b>664,179</b>	<b>-</b>	<b>16,825,134</b>	<b>11.9%</b>

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

**CONSOLIDATED (PMU-MAFF, MOWRAM & MRD)**

Expenditure	Expenditures during the Reporting Period (\$) (Q1)						Cumulative Expenditures (\$)						Achievement (%) *
	A	B	C	D	E	Total	A	B	C	D	E	Total	
	Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		Loan 3661-CAM	Loan 8346-CAM	Grant 0579-CAM	RGC	Beneficiaries		
<b>Category</b>													
Civil Works	1,050,624	63,730	52,690	-	-	1,167,043	5,532,474	492,193	406,930	-	-	6,431,597	
Goods (Equipment & Supplies)	-	-	-	-	-	-	913,650	-	-	-	-	913,650	
Capacity Development (Training, Workshops, Seminars)	9,944	-	34,962	-	-	44,906	9,944	-	1,582,825	-	-	1,592,769	
Consulting Services	286,555	-	-	-	-	286,555	5,632,955	-	-	-	-	5,632,955	
Incremental Operating Costs (Project Management)	152,541	-	-	42,570	-	195,111	1,396,045	-	-	664,179	-	2,060,224	
<b>Subtotal</b>	<b>1,499,664</b>	<b>63,730</b>	<b>87,652</b>	<b>42,570</b>	<b>-</b>	<b>1,693,615</b>	<b>13,485,068</b>	<b>492,193</b>	<b>1,989,756</b>	<b>664,179</b>	<b>-</b>	<b>16,631,195</b>	
JFPR Total	-	-	-	-	-	-	-	-	-	-	-	-	
GOVERNMENT	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER DONOR/ Interest Charges	-	-	-	-	-	-	192,075	1,864	-	-	-	193,939	
	-	-	-	-	-	-	-	-	-	-	-	-	
<b>OVERALL TOTAL (MAFF-MOWRAM-MRD)</b>	<b>1,499,664</b>	<b>63,730</b>	<b>87,652</b>	<b>42,570</b>	<b>-</b>	<b>1,693,615</b>	<b>13,677,142</b>	<b>494,057</b>	<b>1,989,756</b>	<b>664,179</b>	<b>-</b>	<b>16,825,134</b>	

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

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

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

#### Disbursement ADB Loan Nr. 3661-CAM

For the period ending:

31/Mar/2023

No.	Expenditure Item	Total Amount Allocated for ADB Financing		Disbursement (\$)			Total Disbursement (\$)
		Category	Subcategory	PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works	67,630,590.00					-
1A	Irrigation and Roads		60,537,190.00	-	1,713,179	385,388	2,098,567
1B	Warehouses and Laboratory		5,762,800.00	4,721,130			4,721,130
1C	Other Infrastructure		1,330,600.00	-			-
2	Equipment, Material, Goods, and Project Implementation Services	16,757,700.00		6,926,129			6,926,129
3	Incremental Operating Costs	4,187,100.00		890,651	125,540	14,065.57	1,030,257
4	Interest Charges	1,424,610.00		192,075			192,075
	<b>Advance</b>			1,000,000	448,000	100,000	1,548,000
	<b>Total</b>	<b>90,000,000</b>		<b>13,729,985</b>	<b>2,286,719</b>	<b>499,453</b>	<b>16,516,157</b>

18.4%

#### Disbursement GCF Loan 8346-CAM

For the period ending:

31/Mar/2023

No.	Expenditure Item	Total Amount Allocated for GCF Financing	Disbursement (\$)			Total Disbursement (\$)
			PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works-Irrigation and Roads	9,963,900.00		283,299.10	63,729.50	347,028.60
2	Service Charges	36,100.00	1,864.31			1,864.31
	<b>Advance</b>			366,000.00		366,000.00
	<b>Total</b>	<b>10,000,000.00</b>	<b>1,864.31</b>	<b>649,299.10</b>	<b>63,729.50</b>	<b>714,892.91</b>

7.1%

#### Disbursement Grant No. 0579-CAM

For the period ending:

31/Mar/2023

No.	Expenditure Item	Total Amount Allocated for GCF Financing		Disbursement (\$)			Total Disbursement (\$)
		Category	Subcategory	PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works	11,263,860.00					-
1A	Irrigation and Roads		8,295,660.00		234,224	52,690	286,914
1B	Warehouses and Laboratory		114,050.00				-
1C	Biogas Plants and Compost Huts		2,854,150.00				-
2	Equipment, Studies, Surveys, and Project Implementation Services	10,785,430.00					-
3	Training, Workshops and Demonstration	7,456,780.00		1,212,322	175,914		1,388,236
4	Incremental Operating Costs	493,930.00			-		-
	<b>Advance</b>			1,000,000	352,000		1,352,000
	<b>Total</b>	<b>30,000,000</b>		<b>2,212,322</b>	<b>762,138</b>	<b>52,690</b>	<b>3,027,149</b>

10.1%

## Disbursement RGC

For the period ending:

31/Mar/2023

No.	Expenditure Item	Total Amount Allocated for RGC Financing		Disbursement (\$)			Total Disbursement (\$)
		Category	Subcategory	PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works						-
1A	Irrigation and Roads						-
1B	Warehouses and Laboratory						-
1C	Biogas Plants and Compost Huts						-
2	Equipment, Material, Goods, and Project Implementation Services						-
3	Incremental Operating Costs			323,512	200,585	57,120	581,217
4	Interest Charges						-
	<b>Advance</b>			150,000	40,000	51,370	241,370
	<b>Total</b>	<b>7,376,000.00</b>		<b>473,512</b>	<b>240,585</b>	<b>108,490</b>	<b>822,587</b>

11.2%

## Disbursement Beneficiaries

For the period ending:

31/Mar/2023

No.	Expenditure Item	Total Amount Allocated for		Disbursement (\$)			Total Disbursement (\$)
		Category	Subcategory	PMU-MAFF	PMU-MOWRAM	PMU-MRD	
1	Civil Works	3,664,000.00					-
1A	Irrigation and Roads						-
1B	Warehouses and Laboratory						-
1C	Biogas Plants and Compost Huts		3,664,000.00				-
2	Equipment, Material, Goods, and Project						-
3	Incremental Operating Costs						-
4	Interest Charges						-
	<b>Advance</b>						-
	<b>Total</b>	<b>3,664,000.00</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

0.0%

## Overall Summary:

Total Allocation	141,040,000
Total Advance	3,507,370
Disbursement	17,573,417
<b>Total Disbursement</b>	<b>21,080,787</b>

Overall % 14.9%

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

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

**4. Table: SUMMARY OF EXPENDITURES BY PMUs Vs BUDGET**

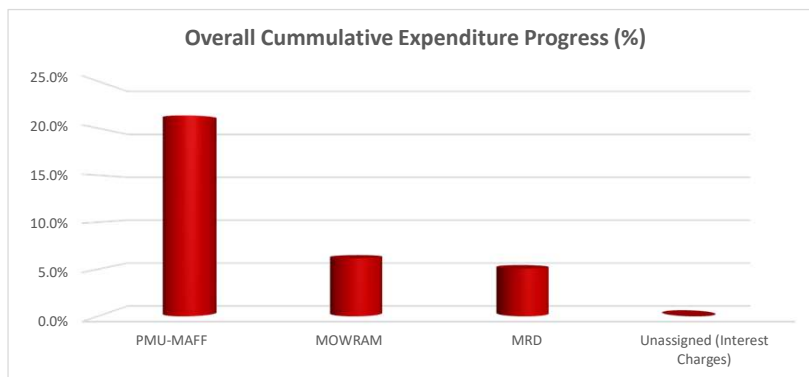
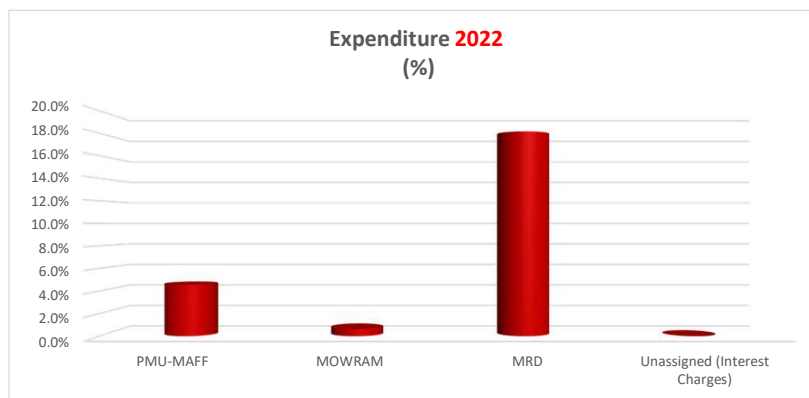
For the period ending: **31/Mar/2023**

EAs/ IAs	Budget (Allocation)	2023 Annual Budget	Year to date Expenditures 31/Mar/2023	Cumulative to date Expenditures 31/Mar/2023	Overall Expenditures Rate %	
					2023	Overall
PMU-MAFF	57,149,457	24,417,040	1,112,484	12,199,402	4.6%	21.3%
MOWRAM	44,235,807	9,715,000	61,539	2,732,740	0.6%	6.2%
MRD	37,349,607	9,322,650	1,693,179	1,892,991	18.2%	5.1%
Unassigned (Interest Charges)	2,305,129	-	-	-	0.0%	0.0%
<b>TOTAL</b>	<b>141,040,000</b>	<b>43,454,690</b>	<b>2,867,202</b>	<b>16,825,134</b>	<b>6.6%</b>	<b>11.9%</b>

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

SOURCE	Budget (Allocation)	2023 Annual Budget	Year to date Expenditures 31/Mar/23	Cumulative to date Expenditures 31/Mar/23	Overall Expenditures Rate %	
					2022	Overall
ADB loan	90,000,000	27,994,150	2,400,631	13,677,142	8.6%	15.2%
GCF loan	10,000,000	2,163,610	208,894	494,057	9.7%	4.9%
GCF Grant	30,000,000	12,132,630	207,668	1,989,756	1.7%	6.6%
RGC	7,376,000	668,810	50,010	664,179	7.5%	9.0%
Beneficiaries	3,664,000	495,490	-	-	0.0%	0.0%
<b>TOTAL</b>	<b>141,040,000</b>	<b>43,454,690</b>	<b>2,867,202</b>	<b>16,825,134</b>	<b>6.6%</b>	<b>11.9%</b>

0.00





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

**EA: PMU-MAFF**

**Quarterly Financial Report for the quarter ending: 31/Mar/2023**

**Content:**

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

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

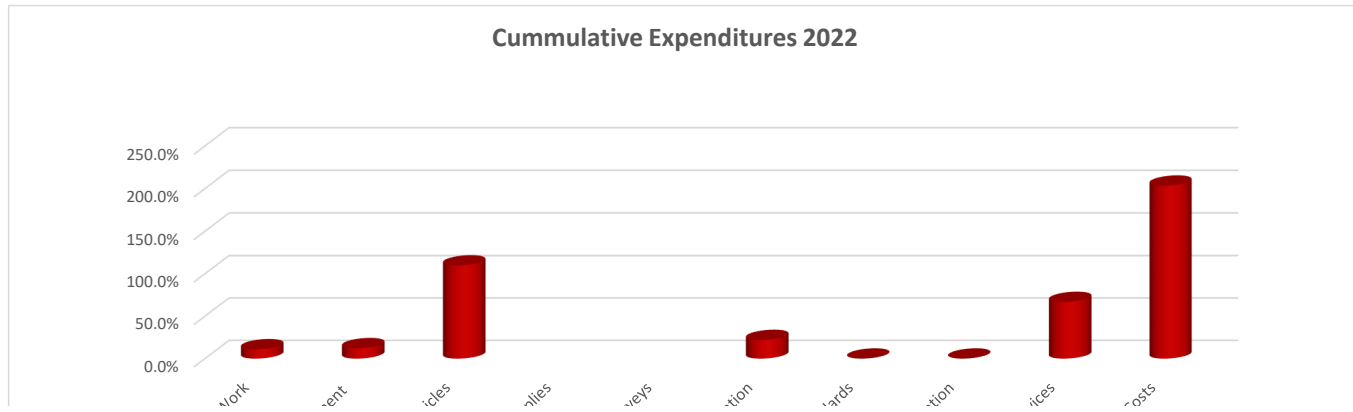
**EA: PMU-MAFF**

**I. Statement of Expenditure by Category for the Quarter Ending: 31/Mar/2023**

**(Quarterly Report in USD)**

Category	Budget	Committed <sup>a</sup>	Actual Previous Exp.	Actual Expenditures			Balance	Expenditures Rate %	
	(Allocation)			Current	Year to date	Cummulative to date			US\$
	US\$								
	(1)	(2)	(3)	(4)	(5)	(6)=(3)+(4)	(7)=(1)-(2)-(6)	(8) = (6)/(1)	
<b>A. Investment Costs</b>									
1. Civil Work	23,276,280	1,371,009	1,890,833	665,236	665,236	2,556,069	19,349,203	11.0%	
2. Equipment	1,603,640	-	196,418	-	-	196,418	1,407,222	12.2%	
3. Vehicles	653,270	-	717,232	-	-	717,232	(63,962)	109.8%	
4. Materails & Supplies	805,617	-	-	-	-	-	805,617		
5. Studies & Surveys		-	-	-	-	-	-		
6. Training, Workshop & Demonstration	6,452,850	-	1,406,912	9,944	9,944	1,416,856	5,035,994	22.0%	
7. Policies & Standards	11,311,850	-	-	-	-	-	11,311,850	0.0%	
8. Monitoring & Evaluation	3,876,940	-	-	-	-	-	3,876,940	0.0%	
9. Consulting Services	8,438,550	4,286,762	5,346,399	286,555	286,555	5,632,955	(1,481,167)	66.8%	
10. Incremental Operating Costs	730,460		1,335,276	150,748	150,748	1,486,024	(755,564)	203.4%	
<b>Total Investment Costs (A)</b>	<b>57,149,457</b>	<b>5,657,770</b>	<b>10,893,069</b>	<b>1,112,484</b>	<b>1,112,484</b>	<b>12,005,553</b>	<b>39,486,133</b>	<b>21.0%</b>	
<b>B. Contingencies</b>									
1. Physical	-			-	-	-	-		
2. Price	-			-	-	-	-		
<b>Total Contingencies (B)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>		
<b>C. Financial Charges During Implementation</b>									
1. Interest Charges During Implementation			193,939	-	-	193,939	(193,939)		
<b>Total Financial Charges During Implementation ©</b>	<b>-</b>	<b>-</b>	<b>193,939</b>	<b>-</b>	<b>-</b>	<b>193,939</b>	<b>(193,939)</b>		
<b>GRAND TOTAL (A)+(B)+©</b>	<b>57,149,457</b>	<b>5,657,770</b>	<b>11,087,008</b>	<b>1,112,484</b>	<b>1,112,484</b>	<b>12,199,492</b>	<b>39,292,195</b>	<b>21.3%</b>	

<sup>a</sup> Outstanding invoices, contracts and retention monies payable



CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project					
ADB Loan Numbers: L 3661-CAM (COL), L8346-CAM(EF), Grant No. 0579-CAM(EF)					
EA: PMU-MAFF					
2. Statement of Expenditure by Accounts					
Report for the Quarter Ending:					31/Mar/2023
Cumulative Since Effectiveness Date					
	ADB-L3661	L-8346	G-0579	RGC	TOTAL
<b>Expense</b>					
6 · Expense/ Project Expenditures					
61 · Investment Costs					
6101 · Civil Works					
610120 · Storage Warehouse & Laboratory	2,556,069.00	0.00	0.00	0.00	2,556,069.00
<b>Total 6101 · Civil Works</b>	<b>2,556,069.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2,556,069.00</b>
6102 · Equipment					
610220 · Office Equipment	196,418.00	0.00	0.00	0.00	196,418.00
<b>Total 6102 · Equipment</b>	<b>196,418.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>196,418.00</b>
6103 · Vehicles					
610300 · Vehicles – 4 Wheels Drive	611,950.00	0.00	0.00	0.00	611,950.00
610310 · Motorcycles	105,282.00	0.00	0.00	0.00	105,282.00
<b>Total 6103 · Vehicles</b>	<b>717,232.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>717,232.00</b>
6106 · Training, Workshops & Demons					
610600 · Training, Workshops & Demonstra	9,944.00	0.00	1,406,911.54	0.00	1,416,855.54
<b>Total 6106 · Training, Workshops &amp; Demons</b>	<b>9,944.00</b>	<b>0.00</b>	<b>1,406,911.54</b>	<b>0.00</b>	<b>1,416,855.54</b>
6109 · Consulting Services					
610900 · PIC - FS & Detailed Engineering	2,069,086.18	0.00	0.00	0.00	2,069,086.18
610910 · PIC - Capacity Building and CSA	1,295,975.34	0.00	0.00	0.00	1,295,975.34
610920 · PIC - Project Management	2,267,893.24	0.00	0.00	0.00	2,267,893.24
<b>Total 6109 · Consulting Services</b>	<b>5,632,954.76</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5,632,954.76</b>
6110 · Incremental Operating Cost					
61100 · Project Staff					
611001 · Project Staff-PMU	35,861.80	0.00	0.00	96,729.64	132,591.44
611002 · Project Staff-GDA	14,139.69	0.00	0.00	77,220.00	91,359.69
611003 · Project Staff-GDAH	3,960.00	0.00	0.00	36,720.00	40,680.00
611004 · Project Staff-CARDI	4,080.00	0.00	0.00	36,720.00	40,800.00
611005 · Project Staff-PPIU-KPT	20,254.69	0.00	0.00	35,765.00	56,019.69
611006 · Project Staff-PPIU-TAK	20,114.69	0.00	0.00	35,765.00	55,879.69
611007 · Project Staff-PPIU-KCM	20,214.69	0.00	0.00	30,665.00	50,879.69
611008 · Project Staff-PPIU-TBK	20,049.69	0.00	0.00	35,765.00	55,814.69
<b>Total 61100 · Project Staff</b>	<b>138,675.25</b>	<b>0.00</b>	<b>0.00</b>	<b>385,349.64</b>	<b>524,024.89</b>
61120 · Office Operations & Support					
611200 · Vehicle Fuel	108,105.13	0.00	0.00	0.00	108,105.13
611201 · Vehicle maintenance	24,968.83	0.00	0.00	0.00	24,968.83
611202 · Vehicle rental	30,000.00	0.00	0.00	0.00	30,000.00
611203 · Per Diem & Travel costs	503,003.77	0.00	0.00	0.00	503,003.77
611204 · Office & Reproduction Supplies	58,796.55	0.00	0.00	0.00	58,796.55
611205 · Office maintenance & Utilities	20,198.50	0.00	0.00	0.00	20,198.50
611206 · Communications fees	18,248.25	0.00	0.00	0.00	18,248.25
611207 · Photocopy & Printing	4,274.90	0.00	0.00	0.00	4,274.90
611208 · Ads. Charges	7,897.00	0.00	0.00	0.00	7,897.00
611209 · Translation fees	1,664.00	0.00	0.00	0.00	1,664.00
611210 · Bank Charges	35.00	0.00	0.00	0.00	35.00
611211 · Meeting/ Workshop/ Seminar	34,307.67	0.00	0.00	0.00	34,307.67
611213 · General Meeting	9,715.05	0.00	0.00	0.00	9,715.05
611214 · Annual Road Tax Fees	0.00	0.00	0.00	13,684.34	13,684.34
611215 · Contractual Staff fee-PMU-MAFF	79,400.00	0.00	0.00	0.00	79,400.00
611216 · Contractual Staff fee-PPIU-TAK	11,925.00	0.00	0.00	0.00	11,925.00
611217 · Contractual Staff fee-PPIU-KPT	11,925.00	0.00	0.00	0.00	11,925.00
611218 · Contractual Staff fee-PPIU-KCM	11,925.00	0.00	0.00	0.00	11,925.00
611219 · Contractual Staff fee-PPIU-TBK	11,925.00	0.00	0.00	0.00	11,925.00
<b>Total 61120 · Office Operations &amp; Support</b>	<b>948,314.65</b>	<b>0.00</b>	<b>0.00</b>	<b>13,684.34</b>	<b>961,998.99</b>
<b>Total 6110 · Incremental Operating Cost</b>	<b>1,086,989.90</b>	<b>0.00</b>	<b>0.00</b>	<b>399,033.98</b>	<b>1,486,023.88</b>
<b>Total 61 · Investment Costs</b>	<b>10,199,607.66</b>	<b>0.00</b>	<b>1,406,911.54</b>	<b>399,033.98</b>	<b>12,005,553.18</b>
63 · Financial Charges During Impltn					
630000 · Interest Charges During Impletn	192,074.52	1,864.31	0.00	0.00	193,938.83
<b>Total 63 · Financial Charges During Impletn</b>	<b>192,074.52</b>	<b>1,864.31</b>	<b>0.00</b>	<b>0.00</b>	<b>193,938.83</b>
<b>Total 6 · Expense/ Project Expenditures</b>	<b>10,391,682.18</b>	<b>1,864.31</b>	<b>1,406,911.54</b>	<b>399,033.98</b>	<b>12,199,492.01</b>
<b>Total Expense</b>	<b>10,391,682.18</b>	<b>1,864.31</b>	<b>1,406,911.54</b>	<b>399,033.98</b>	<b>12,199,492.01</b>

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

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

**EA: PMU-MAFF**

**3. Statement of Source and Use of Fund**

**Cumulative since Effectiveness Date**

**Report for the Quarter Ending:**

**31/Mar/2023**

	L-3661	L-8346	G-0579	RGC	TOTAL
<b>I. Received</b>					
Received from ADB L3661	2,444,905.64		-		2,444,905.64
Received from ADB L8346	-		-		-
Received from ADB G0579	-		1,567,560.13		1,567,560.13
Received from RGC Contribution	-		-	473,512.34	473,512.34
Received from ADB L3661-Direct Payment	8,677,868.58		-		8,677,868.58
Received from ADB L8346-Direct Payment	-	1,864.31	-		1,864.31
Received from ADB G0579-Direct Payment	-		-		-
					-
<b>Total Received</b>	<b>11,122,774.22</b>	<b>1,864.31</b>	<b>1,567,560.13</b>	<b>473,512.34</b>	<b>13,165,711.00</b>

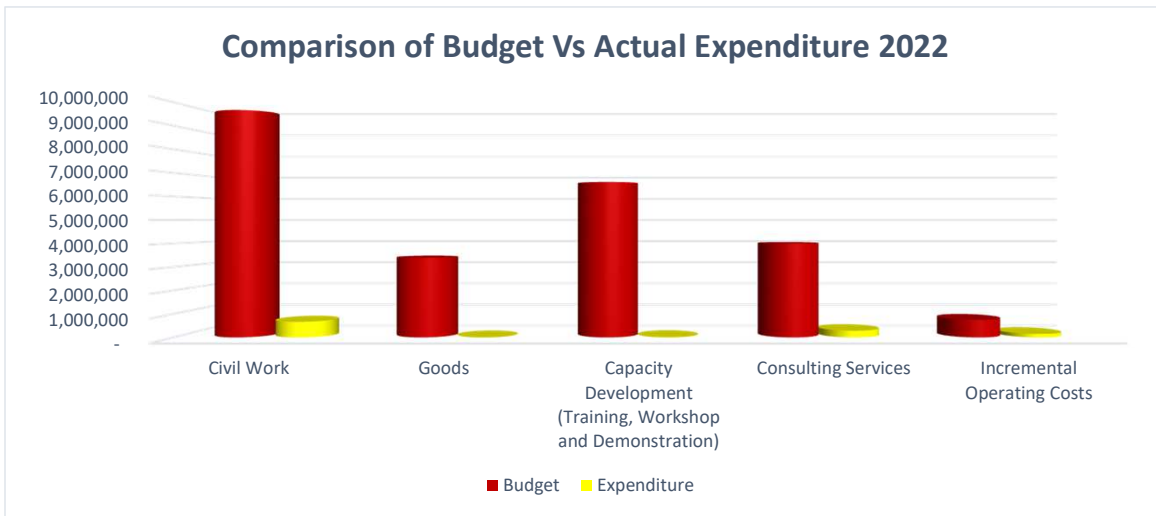
<b>2. Uses of Fund</b>					
1. Civil Work	2,556,069.00	-	-	-	2,556,069.00
2. Equipment	913,650.00	-	-	-	913,650.00
3. Vehicles		-	-	-	0.00
4. Materails & Supplies	-	-	-	-	-
5. Studies & Surveys	-	-	-	-	-
6. Training, Workshop & Demonstration	9,944.00	-	1,406,911.54	-	1,416,855.54
7. Policies & Standards	-	-	-	-	-
8. Monitoring & Evaluation	-	-	-	-	-
9. Consulting Services	5,632,954.76	-	-	-	5,632,954.76
10. Incremental Operating costs	1,086,989.90	-	-	399,033.98	1,486,023.88
Interest Charges During Implementation	192,074.52	1,864.31	-	-	193,938.83
<b>Total Uses of Fund</b>	<b>10,391,682.18</b>	<b>1,864.31</b>	<b>1,406,911.54</b>	<b>399,033.98</b>	<b>12,199,492.01</b>

<b>3. Closing Cash Balance</b>					
CASH IN BANK	690,367.04	-	648.59	74,478.36	765,493.99
PETTY CASH FUND	725.00	-	-	-	725.00
<b>Total Closing Cash Balance</b>	<b>691,092.04</b>	<b>-</b>	<b>648.59</b>	<b>74,478.36</b>	<b>766,218.99</b>

**4. Financing Plan vs Uses of Fund**

Financiers	Financing Plan	Expenditures	Expenditure Rate %	Disbursement	Disbursement Rate %
L-3661		10,391,682.18		11,122,774.22	
L-8346		1,864.31		1,864.31	
G-0579		1,406,911.54		1,567,560.13	
RGC		399,033.98		473,512.34	
<b>TOTAL</b>	<b>57,149,457</b>	<b>12,199,492</b>	<b>21.3%</b>	<b>13,165,711</b>	<b>23.0%</b>

<b>CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project</b>				
<b>ADB Loan Numbers: L 3661-CAM (COL), L8346-CAM(EF), Grant No. 0579-CAM(EF)</b>				
<b>EA: PMU-MAFF</b>				
<b>4. Statement of Comparison of Budget and Actual Expenditure</b>				
<b>For the Quarter Ending:</b>				<b>31/Mar/2023</b>
<b>Decription</b>	<b>Period from 01 January 2023 to 31 March 2023</b>			<b>Budget Vs Actual Expenditures (%)</b>
	<b>Budget US\$</b>	<b>Actual US\$</b>	<b>Diff. US\$</b>	
Civil Work	9,665,600	665,236	(9,000,364)	6.9%
Goods	3,388,850	-	(3,388,850)	0.0%
Capacity Development (Training, Workshop and Demonstration)	6,612,140	9,944	(6,602,196)	0.2%
Consulting Services	4,002,050	286,555	(3,715,495)	7.2%
Incremental Operating Costs	748,400	150,748	(597,652)	20.1%
Interest Charges During Implementation	-	-	-	
<b>TOTAL</b>	<b>24,417,040</b>	<b>1,112,484</b>	<b>(23,304,556)</b>	<b>4.6%</b>



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

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

**EA: PMU-MOWRAM**

**Quarterly Financial Report for the quarter ending:**

**31/Mar/2023**

**Content:**

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



CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project

EA: PMU-MOWRAM

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

31/Mar/2023

Quarterly Report in USD

Category	Budget Allocation	Committed	Acctual Previous Exp.2021	Actual Expenditures			Balance	Expenditures Rate %
				Current	Year to date	Cummulative to date		
				1 Q' 2023				
	1	2	3	4	5	6=3+5	7=1-2-6	8 = 6/1
<b>A. Investment Costs</b>								
1. Civil Work	43,428,454		2,230,702	-	-	2,230,702	41,197,753	5.14%
2. Equipment						-	-	#DIV/0!
3. Vehicles						-	-	#DIV/0!
4. Materails & Supplies						-	-	#DIV/0!
5. Studies & Surveys						-	-	#DIV/0!
6. Training, Workshop & Demonstration	305,764		140,952	34,962	34,962	175,914	129,850	57.5%
7. Policies & Standards			-			-	-	#DIV/0!
8. Monitoring & Evaluation			-			-	-	#DIV/0!
9. Consulting Services			-			-	-	#DIV/0!
10. Incremental Operating Costs	501,589		299,548	26,577	26,577	326,125	175,464	65.0%
<b>Total Investment Costs (A)</b>	<b>44,235,807</b>	<b>-</b>	<b>2,671,201</b>	<b>61,539</b>	<b>61,539</b>	<b>2,732,740</b>	<b>41,503,067</b>	<b>6.18%</b>
<b>B. Contingencies</b>								
1. Physical	-			-	-	-	-	
2. Price	-			-	-	-	-	
<b>Total Contingencies (B)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>C. Financial Charges During Implementation</b>								
1. Interest Charges During Implementation						-	-	
<b>Total Financial Charges During Implementation ©</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>GRAND TOTAL (A)+(B)+©</b>	<b>44,235,807</b>	<b>-</b>	<b>2,671,201</b>	<b>61,539</b>	<b>61,539</b>	<b>2,732,740</b>	<b>41,503,067</b>	<b>6.18%</b>

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

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

**EA: PMU-MOWRAM**

**3. Statement of Uses of Fund**

**Cummulative since Effectiveness Date**

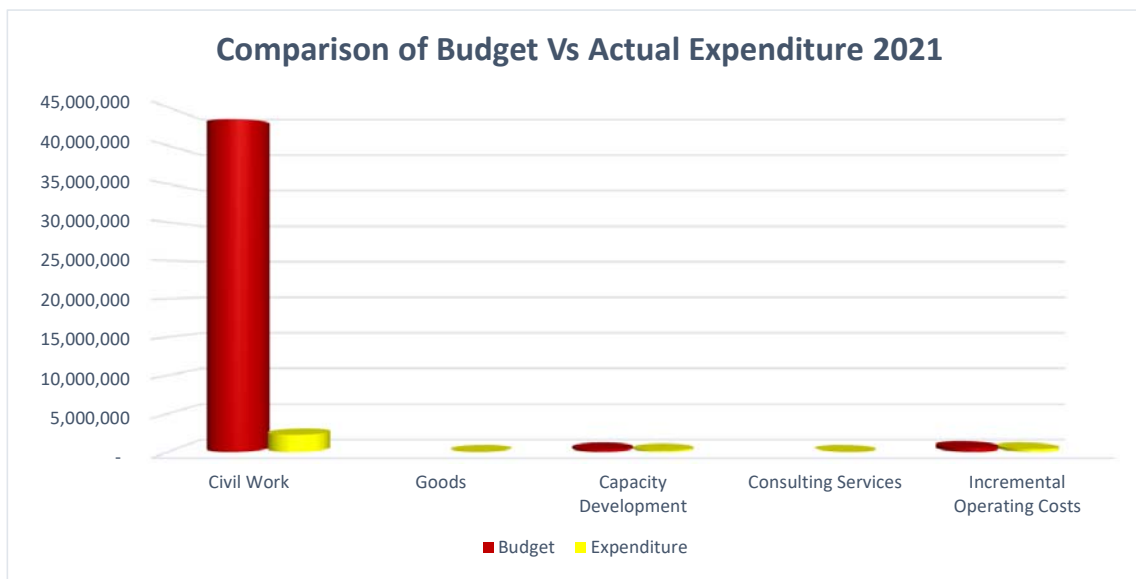
**Report for the Quarter Ending: 31/Mar/2023**

	L-3661	L-8346	G-0579	RGC	TOTAL
<b>I. Received</b>					
Received from ADB L3661	2,227,396				2,227,396
Received from ADB L8346		590,684			590,684
Received from ADB G0579			624,844		624,844
Received from RGC Contribution				214,300	214,300
Received from ADB L3661-Direct Payment					0
Received from ADB L8346-Direct Payment					0
Received from ADB G0579-Direct Payment					0
					0
<b>Total Received</b>	<b>2,227,396</b>	<b>590,684</b>	<b>624,844</b>	<b>214,300</b>	<b>3,657,224</b>

<b>2. Uses of Fund</b>					
1. Civil Work	1,713,179	283,299	234,224		2,230,702
2. Equipment	-				-
3. Vehicles	-				-
4. Materails & Supplies	-				-
5. Studies & Surveys	-				-
6. Training, Workshop & Demonstration	-		175,914		175,914
7. Policies & Standards	-				-
8. Monitoring & Evaluation	-				-
9. Consulting Services	-				-
10. Incremental Operating costs	125,540			200,585	326,125
Interest Charges During Implementation	-	-	-	-	-
<b>Total Uses of Fund</b>	<b>1,838,719</b>	<b>283,299</b>	<b>410,137</b>	<b>200,585</b>	<b>2,732,740</b>

<b>3. Closing Cash Balance</b>					
CASH IN BANK	363,649	307,385	214,707	13,715	899,456
PETTY CASH - PMU	96				
PETTY CASH - Provinces	26,000	-	-	-	26,000
<b>Total Closing Cash Balance</b>	<b>389,745</b>	<b>307,385</b>	<b>214,707</b>	<b>13,715</b>	<b>925,552</b>

<b>CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project</b>				
<b>ADB Loan Numbers: L 3661-CAM (COL), L8346-CAM(EF), Grant No. 0579-CAM(EF)</b>				
<b>EA: PMU-MOWRAM</b>				
<b>4. Statement of Comparison of Budget and Actual Expenditure</b>				
<b>For the Quarter Ending:</b>				<b>31/Mar/2023</b>
<b>Decription</b>	<b>Period from 01 Jul 2020 to 31 March 2023</b>			<b>Budget Vs Actual Expenditure</b>
	<b>Budget US\$</b>	<b>Actual US\$</b>	<b>Diff. US\$</b>	<b>%</b>
Civil Work	43,428,454	2,230,702	41,197,753	5.14%
Goods		-	-	#DIV/0!
Capacity Development	305,764	175,914	129,850	57.53%
Consulting Services		-	-	#DIV/0!
Incremental Operating Costs	501,589	326,125	175,464	65.02%
	<b>44,235,807</b>	<b>2,732,740</b>	<b>41,503,067</b>	<b>6.18%</b>





## ANNEX 13: Consultant Input January – March 2023

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH

*Prepared by*

CS01

Annex 13: Consultants Input January - March 2023

Annex 13.1 Consultant Inputs CS 01

No:	Name	Position	Firm		Time Input in Person/Month	V.O 14	Orig+V.O14	Jan-23	Feb-23	Mar-23	Total Utilized input up to March-23	Balance Available
<b>1) INTERNATIONAL - KEY EXPERTS</b>												
K-1	Dr. Willem J Van Diest	Project Management & Rural Infrastructure Specialist/Team Leader	AESA	F	18.00	-	14.00	0.18	0.09		7.82	6.18
				H	-	0.48	4.48	0.05	0.09	0.09	3.91	0.57
K-2	Ms. Marivic Competente	Procurement Specialist	AESA	F	6.00	(0.93)	3.24				2.24	1.00
				H	-	1.59	3.42		0.07	0.09	2.38	1.04
K-3	Peter Deppak Aravinda Josh	Social Development and Gender Specialist	AESA	F	6.00	1.54	7.14			0.09	5.69	1.45
				H	-	-	0.40				0.39	0.01
K-4	Mr. Monzurul Hoq	Social Safeguards Specialist	AESA	F	8.00	(2.57)	1.93				0.68	1.25
				H	-	4.15	7.65	0.09		0.18	4.62	3.03
K-5	Mr. Felix Pascua	Environment and Climate Change Specialist	AESA	F	8.00	(3.50)	1.00				-	1.00
				H	-	3.19	6.69	0.14	0.32	0.14	3.84	2.85
<b>Total - International Key Expert</b>					<b>46.00</b>						<b>-</b>	<b>18.38</b>
<b>2) INTERNATIONAL - NONE KEY EXPERTS</b>												
N-1	Mr. Praful Soni	PADC Operation and Management Specialist	AESA	F	4.00	0.00	2.00				-	2.00
				H	0.00	0.00	0.00				-	-
N-2	Mr. Paterno Borlagdan	Mechanised Workshop Operation and Management Specialist	AESA	F	4.00	-0.64	5.20				5.20	-
				H	0.00	0.00	0.16				0.17	(0.01)
K-12	Ruud Corsel	Monitoring & Evaluation Specialist	AESA	F	2.00	-0.97	1.03				1.03	-
<b>Total - International None Key Expert</b>					<b>10.00</b>						<b>6.4</b>	<b>1.99</b>
<b>3) NATIONAL - KEY EXPERT</b>												
K-6	Mr. Sopha Sovanareth	Project Management & Rural Infrastructure Specialist/Deputy Team Leader (MAFF)	SBK		30.00	20.73	50.73	0.14	0.36	0.23	30.50	20.23
K-7	Mr. Srey Heang	Project Management & Rural Infrastructure Specialist/Deputy Team Leader (MOWRAM)	SBK		30.00	15.00	45.00		0.77	0.77	31.54	13.46
K-8	Mr. Keo Chandara	Project Management & Rural Infrastructure Specialist/Deputy Team Leader (MRD)	SBK		30.00	1.65	31.65		0.77	0.96	18.55	13.10
K-9	Mrs. Kol Prapey	Social Development and Gender Specialist	SBK		50.00	- 0.46	49.54	1.00	0.68	0.68	37.81	11.73
K-10	Mr. Oum Sith	Social Safeguards Specialist	SBK		60.00	- 4.60	55.40	0.82	1.00	0.27	39.40	16.00
K-11	Mr. Mao Vanchann	Environment and Climate Change Specialist	SBK		50.00	- 1.05	48.95	0.77	0.59	-	35.32	13.63
K-13	Prum Vothana/Chhim Chhun	Monitoring & Evaluation Specialist	SBK		12.00	6.12	18.12		0.55	1.00	12.99	5.13
<b>Total - National Key Expert</b>					<b>250.00</b>						<b>193.12</b>	<b>56.88</b>
<b>4) NATIONAL - NONE KEY EXPERT</b>												
N-3	Mr. Chan Sinet	Procurement Specialist MAFF	SBK		18.00	12.48	30.48			-	17.98	12.50
N-4	Mr. Leng Bunnara	Procurement Specialist MOWRAM	SBK		18.00	6.36	24.36			0.59	18.59	5.77

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N-5	Ms. Korn Sokhim	Procurement Specialist MRD	SBK		18.00	-	18.00	0.59	0.45	0.82	8.23	9.77
N-6	Mr. CHHUON Mao	Financial Management Specialist PMU-MAFF	SBK		38.00	20.18	58.18	0.82	0.77	1.00	39.77	18.41
N-7	Mr. Koam Rattana	Financial Management Specialist MAFF	SBK		38.00	20.55	58.55	0.45	0.77	1.00	39.77	18.78
N-8	Ms. Chea Socheata	Financial Management Specialist MOWRAM	SBK		38.00	8.86	46.86	0.89	0.89	0.89	31.09	15.77
N-9	Ms. Nev Chanboti	Financial Management Specialist MRD	SBK		38.00	1.74	39.74	0.73	0.27	0.00	22.68	17.06
N-10	M. Smann Vannimith	Water Managemen & Irrigation Engineer Kampong Cham	SBK		28.50	- 9.00	19.50			1.00	1.00	18.50
N-11	Mr. Hem Samott	Water Managemen & Irrigation Engineer Tboung Khmum	SBK		28.50	- 9.00	19.50		0.77	1.00	1.77	17.73
N-12	Mr. Soth Chhohngeng	Water Managemen & Irrigation Engineer Kampot	SBK		28.50	16.00	44.50		0.77	0.77	29.99	14.51
N-13	Mr. Heng Sokkong/Kong Sokthak	Water Managemen & Irrigation Engineer Takeo	SBK		28.50	12.82	41.32	1.00	0.50	1.00	29.32	12.00
N-14	Mr. Chheng Sen	Cooperative Storage & Rural Roads Engineer Kampong Cham	SBK		34.00	7.18	41.18	1.00	1.00	1.00	29.68	11.50
N-15	Chou Vy	Cooperative Storage & Rural Roads Engineer Tboung Khmum	SBK		34.00	10.50	44.50	1.00	1.00	1.00	33.00	11.50
N-16	Mr. Bo Sarin/Vuth Sivvong	Cooperative Storage & Rural Roads Engineer Kampot	SBK		34.00	- 14.50	19.50		0.77	1.00	1.77	17.73
N-17	Heng Sokkong	Cooperative Storage & Rural Roads Engineer Takeo	SBK		34.00	- 14.50	19.50		0.77	1.00	1.77	17.73
<b>Total- NONE Key Expert- National Expert</b>					<b>456.00</b>						<b>306.41</b>	<b>206.76</b>



CS02

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
Second Quarterly Report 2023: January to March

Annex 13.2 Consultant Inputs CS02

	Name	Position (As in Tech 6)	Time Input in Person/ Month	Jan-23	Feb-23	Mar-23	Total Utilized input up to Dec-23	Remaining
<b>KEY EXPERTS -INTERNATIONAL</b>								
K-1	Mr. Pollard Martin Blackeley	International Policy & Standards/ TL	7.00	-			6.69	0.313
K-2	Dr. Sreekanta Sheel	International Seed Commercialization and Intellectual Property Specialist	5.00	-			0.68	4.32
K-3	Mr. Matt Zimmerman	International GAP, CSA and SRP Training Specialist	9.00	-			5.23	3.77
K-4	Mr. Prabhakar Kasalanati	International Cooperative Agribusiness Training Specialist	6.00	-			-	6.00
K-5	Dr. Jason Hui Hong Yapp	International Green Financing Specialist	10.00	-			3.08	6.93
<b>KEY EXPERTS- INTERNATIONAL</b>								
NK-1	Mr. Syed Ishtiaque Ahmed	Photo-voltaic Specialist	4.00	-			0.14	3.86
NK-2	Md. Abdul Gofran	Bio-slurry Specialist	4.00	-			2.06	1.94
NK-3	Mr. Christopher Kellner	Biodigester Standards Specialist	3.00	-			3.13	(0.13)
<b>Total -Key Experts -International Experts</b>			48.00				20.99	27.01
<b>KEY EXPERTS- NATIONAL</b>								
K-6	Mr. Chin Koeun/ Mr. Hoeung Hun	National Policy and Standards Advisor/ Deputy Team Leader	36.00	-			30.18	5.82
K-7	Mr. Pech Saloeun/ Mr. Phuong Dara	National Bioslurry Specialist/Acting Deputy Team Leader	34.00	1	1	0.73	34.73	(0.73)
K-8	Mr. Pon Han	National Training and Capacity Building Specialist	60.00	-			22.04	37.96
K-9	Mr. Teng Theara/ Mr. Heng Sophat	National Farmer Demonstration Specialist	60.00	1	1	1	38.00	22.00
K-10	Mr. Dy Kunthea/ Mr. Chea Kosal	National Public Private Partnership Specialist	30.00	-			30.00	0.00
<b>Total- Key Expert- National Expert</b>			220.00	2	2	1.73	154.95	65.05
<b>NON KEY EXPERTS- NATIONAL</b>								

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

Second Quarterly Report 2023: January to March

NK-4	Mr. KOET Munyphakdey	Photo-voltaic Specialist	12.00	-				4.54	7.46
NK-5	Mr. Sok Seyla/ Mr. Long Sona	Green Financing Specialist	36.00	1	1	1		11.1	24.90
NK-6	Mr. Pong Samnang	GAP for Tropical Fruit Specialist	19.00	1	1	1.00		6.24	12.76
NK-7	Mr. Soeur Sophorn	FWUC Training Specialist	37.00	1	1	0.77		27.77	9.23
NK-8	Mr. Srey BunDoeun/ Mr. Rous Phoura	Agricultural Machinery O&M Training Specialist	54.00	-				0	54.00
NK-9	Mr. Roeurn Siranet	Laboratory Commercialization Specialist	3.00	-				0.81	2.19

CS04

Annex 13: Consultants Input January - March 2023

Annex 13.3 Consultant Inputs CS 04

No:	Name	Position	Firm	F/H	Time Input in Person/Month	Jan-23	Feb-23	Mar-23	Total Utilized input up to March-23	Balance Available
<b>1) INTERNATIONAL - KEY EXPERTS</b>										
K-1	Mr. M.A.M.S.L. Attanayake	TL/Project Manager	RDC		6.00		0.82	1.00	<b>1.82</b>	4.18
K-2	Mr. S.J. Edirisnghe	Solution Architect	RDC		6.00		0.82	0.18	<b>1.00</b>	5.00
K-3	Ms. T.R.E. Wijesuriya	Climate Risk Management Exp	RDC		3.00		0.15	0.15	<b>0.65</b>	2.35
K-4	Mr. WMBS Nissanka	e-Agriculture Expert	RDC		6.00		0.82	0.50	<b>1.32</b>	4.68
K-5	Mr. Kadampeswaran Thulasivarman	Climate Smart Agri Expert	RDC		6.00		0.82	0.41	<b>1.23</b>	4.77
<b>Total - International Key Expert</b>						<b>27.00</b>	<b>3.43</b>	<b>2.24</b>	<b>6.02</b>	<b>20.98</b>
<b>3) NATIONAL - KEY EXPERT</b>										
K-6	Mr. CHHUN Bunmeng	Project Coordinator/DTL	CAM-CSTR		18.00		1.00	1.00	2.00	36.73
K-7	Mr. LNG Chanthea	e-Agriculture Specialist	CAM-CSTR		18.00		1.00	1.00	2.00	31.00
K-8	Mr. TOUCH Kimhuy	Climate Agrigulture IT Spe	CAM-CSTR		12.00		1.00	1.00	2.00	29.65
<b>Total - National Key Expert</b>						<b>48.00</b>	<b>3.00</b>	<b>3.00</b>	<b>6.00</b>	<b>42.00</b>
<b>4) NATIONAL - NONE KEY EXPERT</b>										
N-1	Mr. HY Sopheap	Project Coordinator	CAM-CSTR		18.00		1.00	1.00	2.00	28.48
N-2	Ms. SAMNANG Chansreinit	Admin/Secretary	CAM-CSTR		18.00		1.00	1.00	2.00	22.36
<b>Total- NONE Key Expert- National Expert</b>						<b>36.00</b>	<b>2.00</b>	<b>2.00</b>	<b>4.00</b>	<b>22.36</b>

CS05

**Annex 13.4 Consultant inputs CS05**

No:	Name	Position (As in Tech 6)	Nationality	Firm	Total Input include VO	Jan-23	Feb-23	Mar-23	Total Utilized input up to March-23	Remaining MM
<b>EXPERTS - Reporting to MAFF</b>										
1	Mr.Dinesh Kumar Shrestha	Irrigation Design Engineer And Team (Deputy) Leader	Nepalese	RDC	20.00	0.23	0.27	0.36	<b>18.52</b>	1.48
2	Dr. Martin Mautner Markhof	Agriculture Economist	Austrian	RDC	5.00	0.13	0.05	0.23	<b>6.21</b>	0.79
3	Mr. K D W Nandalal	Hydrologist	Sri Lankan	RDC	2.00				<b>0.73</b>	1.27
4	Mr. Tissa Ariyaratne	Social Safegurad Specialist	Sri Lankan	RDC	2.00				<b>0.92</b>	1.08
5	Ms. Anusha Kasige	Environmental Specialist	Sri Lankan	RDC	2.00			0.64	<b>2.00</b>	-
<b>Total - Experts International_MAFF</b>					<b>31.00</b>				<b>28.38</b>	<b>4.62</b>
<b>EXPERT- Reporting to MOWRAM</b>										
1	Mr. UCH Chanvuthy	Irrigation Design Engineer/DTL	Cambodian	CAM-CSTR		1.00	1.00	1.00	<b>16.00</b>	0.00
2	Mr. KLEY Kimsot	Agriculture Economic	Cambodian	CAM-CSTR	6.00		0.64		<b>9.32</b>	0.23
3	Ms. SAO Sambathmorakath	Envirl Safeguards Spec	Cambodian	CAM-CSTR	10.00	0.41	0.36	0.50	<b>15.66</b>	1.55
4	Mr.Oeung Chantha/Mr.Monichoth So Im	Hydrologist	Cambodian	CAM-CSTR					<b>3.78</b>	0.22
5	Ms. DIN Chakriya/Nhoem Sunday	AutoCAD Specialist - 3	Cambodian	CAM-CSTR	10.50	1.00	0.45	0.55	<b>24.77</b>	2.23
6	Mr.Tean Meas	AutoCAD Specialist -7	Cambodian	CAM-CSTR		1.00	0.73	0.27	<b>24.77</b>	2.23
7	Mr. Lorn Sokly/Phuon Brorsoeur	AutoCAD Specialist -8	Cambodian	CAM-CSTR					<b>19.00</b>	0.00
8	Mr. Heng Leang Chhay	AutoCAD/GIS Specialist	Cambodian	CAM-CSTR		0.68	0.68	0.59	<b>14.00</b>	0.00
9	Mr. KONG Naosundaya	Irrigation Design Engineer 1	Cambodian	CAM-CSTR					<b>8.00</b>	0.00
	Mr. KONG Naosundaya(New Rate)	Irrigation Design Engineer 2				1.00	0.68	0.45	<b>18.13</b>	0.87
10	Mr.Ou Sokhavong	Irrigation Strcture Design Engineer	Cambodian	CAM-CSTR		0.36		0.41	<b>12.27</b>	0.73
11	Ms. Khieu Bunroeub	Social Development and Gender Safeguard Specilaist	Cambodian	CAM-CSTR		0.41			<b>5.99</b>	0.01
12	Mr. Leng Bunnara	Procurement Specialist	Cambodian	CAM-CSTR		0.27	0.45	0.23	<b>2.99</b>	1.01
13	Mr. Eng Veng	Social Safeguards Specialist and resettlement	Cambodian	CAM-CSTR		0.18			<b>8.00</b>	0.00
14	Mr. Chan Narith	Social Safeguards Specialist and resettlement	Cambodian	CAM-CSTR		0.64	0.82		<b>9.90</b>	0.10
									<b>0.00</b>	0.00
									<b>0.00</b>	0.00
<b>Total - Experts National_MOWRAM</b>					<b>26.5</b>				<b>192.58</b>	<b>9.18</b>
<b>EXPERT- Reporting to MRD</b>										
1	Mr. KHIN Toda	IE/DTL	Cambodian	CAM-CSTR	20.00	1.00	0.77	0.82	<b>37.08</b>	1.78
2	Mr. VIN Sa/Mr.Sam Sothearo	Road Design Engineer	Cambodian	CAM-CSTR	20.00	1.00			<b>29.12</b>	1.61
3	Mr. Chhoun Sovannara	AutoCAD Specialist - 1	Cambodian	CAM-CSTR	10.50	0.91	0.32	0.41	<b>30.64</b>	1.36
4	Mr.Im Daro	AutoCAD Specialist	Cambodian	CAM-CSTR					<b>19.27</b>	2.59
5	Mr.Samoeun Keo	AutoCAD Specialist	Cambodian	CAM-CSTR		1.00	0.77	0.50	<b>27.50</b>	0.05
6	Mr. HEM Motha/Lom Odom	Asst.Road Design Engineer	Cambodian	CAM-CSTR					<b>16.27</b>	0.95
7	Mr. Sean Sitha	Asst.Environment Safeguards	Cambodian	CAM-CSTR					<b>2.60</b>	0.00



	Mr. Sean Sitha(New Rate)	Environment Safeguards	Cambodian	CAM-CSTR		0.32			<b>10.00</b>	1.00
8	Mr. SEAM Hak	Social Development and Gender Safeguard Specilaist	Cambodian	CAM-CSTR					<b>3.68</b>	1.32
9	Mr. Bun San	Social Safeguards	Cambodian	CAM-CSTR					<b>3.37</b>	0.00
	MS. Chet Bopha Ponlok	Social Safeguards							0.82	0.36
10	Mr. SUY Poline	Procurement Specialist	Cambodian	CAM-CSTR					<b>3.50</b>	2.50
11	Mr. CHHUN Bunmeng	Socio Economic Specialist	Cambodian	CAM-CSTR					<b>2.67</b>	1.33
12	Mr.Yet Savuth	Social Safeguards and Resettlement Specialist	Cambodian	CAM-CSTR		0.86	0.55	0.73	<b>13.64</b>	1.36
<b>Total - Experts National_MRD</b>						<b>50.50</b>			<b>211.78</b>	<b>17.41</b>
<b>EXPERTS-to be discontinued/and saving inputs deducted for experts after March 2021</b>										
1	Mr. Phouv Narin	Social Safeguards Specialist	Cambodian	CAM-CSTR	6.00				<b>8.50</b>	0.00
2	Mr. Mao Phearun	AutoCAD Specialist-2	Cambodian	CAM-CSTR	10.50				<b>12.27</b>	0.00
3	Mr. Keiv Sengsoksamnang	AutoCAD Specialist-4	Cambodian	CAM-CSTR	10.50				<b>0.00</b>	0.00
4	Ms. Hep Srey Leak	Social Development and Gender Safeguard Spe	Cambodian	CAM-CSTR	4.00				<b>0.00</b>	0.00
5	Mr. Roeun Sophanna	Procurement Specialist	Cambodian	CAM-CSTR	4.00				<b>2.82</b>	0.00
6	Mr. Hy Sopheap	Agriculture	Cambodian	CAM-CSTR	6.00				<b>5.19</b>	0.00
7	Mr. Chhit Kimhor	Hydrologist	Cambodian	CAM-CSTR	4.00				<b>3.13</b>	0.00
<b>Total-to be discontinued/and saving inputs deducted for experts after March 2021</b>					45.00				<b>0.00</b>	45.00
<b>Total - Experts National_MRD</b>									<b>31.91</b>	<b>45.00</b>



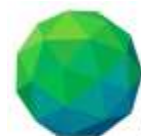
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MRD



GREEN  
CLIMATE  
FUND

## ANNEX 14: Compliance with Covenants January – March 2023

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH

*Prepared by*



AGRICONSULTING EUROPE SA

*in JV with SBK Research and Development*

### Annex 14: Compliance with Covenants January – March 2023

No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
	Sector						
		Loan 3661	Schedule 4	4	1. In the carrying out of the Project and operation of the Project facilities, the Borrower shall perform, or cause to be performed, all obligations set forth in Schedule 5 of this Loan Agreement	Being complied	
	Sector	Loan 3661	Schedule 5	15	Subproject selection. The Borrower shall ensure, or cause the Project Executing Agency to ensure, that all Subprojects selected for financing under the Project meet the screening, eligibility and approval criteria as agreed between the Borrower and ADB and documented in (Implementation Procedures) of the PAM.	Being complied with	
	Sector	Grant 0579	Sched 2	6	The Recipient shall ensure that the activities related to the Project are implemented in compliance with the laws of the Recipient and other laws applicable to it, including but not limited to intellectual property law, if and to the extent any such laws maybe applicable to it.	Being complied	
	Financial						
		Loan 3661	Schedule 5	13	Counterpart Support. The Borrower shall ensure that counterpart support necessary for the Project is provided on a timely basis.	Being Complied	
1		Loan 3661	Schedule 5	14	The Borrower shall ensure that all completed Subprojects have adequate funds for operation and maintenance allocated to them on a yearly basis and made available on a timely basis. The Borrower shall further ensure that the farmer water user communities and water use groups collect irrigation service fees to sustain the operation and maintenance of distribution canals in accordance with the Borrower's decree on farmer water user communities.	To be complied with	Not due yet
2		Loan 8346	Schedule 4	4	4. The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being Complied with	Inception mission verified office equipment and goods delivered

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
							to EA/IAs
3		Loan 8346	Schedule 4	4	3. ADB's obligation to disburse any amount from the Loan Account shall be subject to ADB's receipt of a corresponding amount from GCF in accordance with the terms of the AMA and the FAA.	Comply	Agreed.
4		Loan 8346	Schedule 4	4	2(c) The Borrower shall enable ADB, upon ADB's request to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a), (iii) herein above, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree.	Being Complied with	Third Financial Audit for the year 2021 was conducted in February'2022. Report has been submitted to ADB in June 2022.
		Loan 8346	Schedule 4	4	1. In the carrying out of the Project and operation of the Project facilities, the Borrower shall perform, or cause to be performed, all obligations set forth in the Ordinary Operations [Concessional] Loan Agreement.	Being complied with	
5		Loan 8346	Schedule 4	4	2(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Being Complied with	

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
6		Loan 8346	Schedule 4	4	2(a) The Borrower shall cause the Project Executing Agency to (i) maintain separate accounts and records for the Project; (ii) prepare annual financial statements for the Project in accordance with financial reporting standards acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with auditing standards acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report, which includes the auditors' opinion(s) on the financial statements and the use of the Loan proceeds and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 6 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such 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. 3 <sup>rd</sup> annual audited project financial statement reports for FY2021 submitted in June 2022.
7		Loan 8346	Schedule 4	5	5(c) Without limiting the generality of the foregoing, the Borrower shall furnish to ADB periodic reports on the execution of the Project, on the accomplishment of the targets and actions agreed between ADB and the Borrower, and on the operation and management of the Project facilities. Such reports shall be submitted in such form and in such detail and within such a period as ADB shall reasonably request, and shall indicate, among other things, progress made and problems encountered during the period under review, steps taken or proposed to be taken to remedy these problems, and proposed program of activities and expected Progress during the following period.	Being complied with	Progress reports have been submitted every quarter
8		Loan 8346	Schedule 4	5	9. Contractors and Consultants. In the carrying out of the Project, the Borrower shall cause competent and qualified consultants and contractors, acceptable to the Borrower and ADB, to be employed to an extent and upon terms and conditions satisfactory to the Borrower and ADB.	Being Complied	Some CS2 non key experts still not mobilized.

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
9		Loan 8346	Schedule 4	5	5. Reports. (a) The Borrower shall furnish, or cause to be furnished, to ADB all such reports as ADB shall reasonably request concerning (i) the Loan, and the expenditure of the proceeds and maintenance of the service thereof; (ii) the goods, services and other items of expenditure financed out of the proceeds of the Loan; (iii) the Project and the Project Executing Agency; (iv) the administration, operations and financial condition of the Borrower; and (v) any other matters relating to the purposes of the Loan.	Being Complied with	Being complied with. Final inception report was submitted to ADB on 15 Feb 2020. Progress reports have been submitted every quarter.
10		Loan 8346	Schedule 4	5	3(b) Without limiting the generality of the foregoing, the Borrower undertakes to insure, or cause to be insured, the goods to be imported for the Project and to be financed out of the proceeds of the Loan against hazards incident to the acquisition, transportation and delivery thereof to the place of use or installation, and for such insurance any indemnity shall be payable in a currency freely usable to replace or repair such goods.	Being Complied with	Being complied.
11		Loan 8346	Schedule 4	5	2. Negative Pledge. (a) If the Borrower shall create or permit the creation of any lien on any of its assets as security for any foreign currency debt, the Borrower undertakes to expressly provide that such lien will ipso facto equally and ratably secure the payment of the principal of, and service charge on, the Loan. If any statutory lien shall be created on any assets of the Borrower (as hereinafter defined), as security for any foreign currency debt, the Borrower shall grant to ADB an equivalent lien satisfactory to ADB.	Being Complied with	Agreed
12		Loan 8346	Schedule 4	5	(b) The Borrower shall afford all reasonable opportunity for ADB's representatives to visit any part of its territory for purposes related to the Loan.	Complied with	Agreed.
13		Loan 8346	Schedule 4	5	2.b. The provisions of paragraph (a) of this Section shall not apply to (i) any lien created on property, at the time of purchase thereof, solely as security for payment of the purchase price of such property; or (ii) any lien arising in the ordinary course of banking transactions and securing a debt maturing not more than one year after its date.	Being Complied with	Agreed.

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
14		Loan 8346	Schedule 4	5	3. Insurance. (a) The Borrower shall take out and maintain with responsible insurers, or make other arrangements satisfactory to ADB for, insurance against such risks and in such amounts as shall be consistent with sound practice. The Borrower shall be deemed to have opted for self- insurance in the absence of any specific insurance for the Project.	Being Complied with	Being complied.
15		Loan 8346	Schedule 4	5	2.c. The term "assets of the Borrower" as used in paragraph (a) of this Section includes assets of any political subdivision or any agency of the Borrower and assets of any agency of such political subdivision, and assets of any entity owned or controlled by, or operating for the account or benefit of, the Borrower or any such political subdivision or agency, including any other institution performing the functions of a central bank for the Borrower.	Being Complied with	Agreed.
16		Loan 8346	Schedule 4	5	5(b) The Borrower shall promptly inform ADB of any condition which interferes with, or threatens to interfere with, the progress of the Project, the performance of their respective obligations under the Loan Agreement, the accomplishment of the purposes of the Loan, or the maintenance of the service thereof; and the Borrower shall promptly inform ADB in advance of any proposed changes in the ownership or control of the Borrower or its assets, or any transaction or arrangement which will have or is likely to have such effect.	Being Complied	In April 2022 a decision was made on the implementation of the ponds and drip irrigation
17		Loan 8346	Schedule 4	5	8(b) The Borrower shall ensure that the activities of its departments and agencies with respect to the carrying out of the Project and operation of the Project facilities are conducted and coordinated in accordance with sound Administrative policies and procedures.	Being Complied with	
18		Loan 8346	Schedule 4	5	8. General Undertakings. (a) The Borrower shall cause the Project to be carried out with due diligence and efficiency and in conformity with sound financial, business and development practices. The Borrower shall in collaboration with ADB ensure that the Project adheres to ADB policies on anticorruption, core labor standards, environmental and social safeguards, gender, procurement and consulting services, disbursement and such other policy specified in the Loan Agreement.	Being Complied	Being complied.



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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
19		Loan 8346	Schedule 4	5	7. Work Schedules, Plans and Design Standards. The Borrower shall cause the Project to be carried out in accordance with plans, design standards, specifications, work schedules and construction methods acceptable to the Borrower and ADB, as applicable. When required by ADB, the Borrower shall furnish, or cause to be furnished, to ADB, promptly after their preparation, such plans, design standards, specifications and work schedules, and any material modifications subsequently made therein, in such detail as ADB shall reasonably request.	Being Complied	AWP 2023 submitted mid December 2022
20		Loan 8346	Schedule 4	5	6. Counterpart Obligations and Land Acquisition. The Borrower shall make available, promptly as and when needed, the funds, facilities, services, land, and other resources as shall be necessary or required, in addition to the proceeds of the Loan, for the carrying out of the Project and for the operation and maintenance of the Project facilities. The Borrower shall furnish to ADB, promptly at its request, evidence satisfactory to ADB that such funds, facilities, services, land, and other resources are available for purposes related to the Project.	Being Complied	To be complied.
21		Loan 8346	Schedule 4	5	5(d) Promptly after completion of the Project, but in any event not later than three months thereafter or such later date as may be agreed for this purpose between the Borrower and ADB, the Borrower shall prepare and furnish to ADB a report, in such form and in such detail as ADB shall reasonably request, on the execution and initial operation of the Project, including its cost, the performance by the Borrower of its obligations under this Loan Agreement and the accomplishment of the purposes of the Loan.	To be complied	To be complied.
22		Loan 8346	Schedule 4	5	4. Records, Financial Statements and Audits. The Borrower shall maintain, or cause to be maintained, records and financial statements adequate to identify the goods, services and other items of expenditure financed under the Project; to record the progress of the Project (including the cost thereof and); to reflect, in accordance with consistently maintained sound financial reporting principles, the operations and financial condition of the Project; and to have the financial statements audited. Related requirements shall be specified in the Loan Agreement.	Being Complied	Third Financial Audit for the year 2022 was conducted in March 2023. Report will be available in June 2023.

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
23		Loan 8346	Schedule 4	5	10. Maintenance. The Borrower shall ensure that any facilities relevant to the Project are operated, maintained and repaired in accordance with sound operational and maintenance practices. The Borrower shall promptly as need, make or cause to be made all necessary repairs and renewals thereof.	To be Complied	To be complied.
24		Grant 0579	Schedule 2	2	Without limiting the generality of Section 5.01(a) of the Grant Regulations, the Recipient shall refund, or procure and refund, any unused Grant proceeds to ADB, and shall impose similar refund requirements on its counterparties involved in the Project.	To be complied	Agreed.
25		Grant 0579	Schedule 2	4	In addition to the audit requirement under Section 4.02 of this Grant Agreement, the Recipient acknowledges and agrees that ADB has the right to conduct financial audits of the Project, by an external auditor selected by ADB, if GCF has a concern as to the manner in which the Grant proceeds have been used; and shall fully cooperate with such audit. The Recipient shall bear the reasonable cost of such audit, if the audit finds that the Grant proceeds have not been used according to this Grant Agreement.	Being Complied	Agreed.
26	Sector	Grant 0579	Sched 2	6	The Recipient shall ensure that the activities related to the Project are implemented in compliance with the laws of the Recipient and other laws applicable to it, including but not limited to intellectual property law, if and to the extent any such laws maybe applicable to it.	Being complied	
27	Financial	Grant 0579	Schedule 4	1	In the carrying out of the Project and operation of the Project facilities, the Recipient shall perform, or cause to be performed, all obligations set forth in Schedule 2 to this Grant Agreement and Schedule 5 to the Ordinary Operations [Concessional] Loan Agreement.	Being Complied	
28		Grant 0579	Schedule 4	2	(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	To be complied with	The Financial Audit for the year 2022 was conducted in March 2023. Report will be submitted to ADB

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
							in June 2023.
29		Grant 0579	Schedule 4	2	(a) The Recipient shall cause the Project Executing Agency to (i) maintain separate accounts and records for the Project; (ii) prepare annual financial statements for the Project in accordance with financial reporting standards acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with auditing standards acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report, which includes the auditors' opinion(s) on the financial statements and the use of the Grant proceeds, and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 6 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such other information concerning	Being Complied	Being complied. Separate accounts established. 4 <sup>rd</sup> annual audited project financial statement reports for FY2022 will be submitted in June 2023.
30		Grant 0579	Schedule 4	2	(c) The Recipient shall enable ADB, upon ADB's request, to discuss the financial statements for the Project and the Recipient's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a)(iii) herein above, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Recipient, unless the Recipient shall otherwise agree.	Being Complied	Fourth Financial Audit for the year 2022 was conducted in March 2023. Report will be submitted to ADB in June 2023.
31		Grant 0579	Schedule 4	4	The Recipient shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being Complied	Inception mission verified office equipment and goods delivered to EA/IAs

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
32		Grant 0579	Schedule 4	4	The Recipient acknowledges and agrees that this Grant Agreement is entered into by ADB, not in its individual capacity, but as trustee of GCF. Accordingly, the Recipient agrees that (a) it may only withdraw Grant proceeds to the extent that ADB has received proceeds for the Grant from GCF, and (b) that ADB does not assume any obligations or responsibilities of GCF in respect of the Project or the Grant other than those set out in this Grant Agreement.	Being Complied	Confirmed.
	Safeguards						
33	Safeguards	Loan A661	Schedule 5	2	Environment. The Borrower shall ensure that the preparation, design, construction, implementation, operation and decommissioning of the Project, each Subproject and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; (c) the EARF; and (d) all measures and requirements set forth in the respective IEE, EMP, and any corrective or preventative actions set forth in a Safeguard Monitoring Report. The Borrower shall ensure that no Subproject categorized as Category A under the SPS is financed under the Project.	being complied	
34		Loan 3661	Schedule 5	3	Land Acquisition and Involuntary Resettlement. The Borrower shall ensure that all land and all rights-of- way required for the Project, each Subproject and all Project facilities are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) Involuntary Resettlement Safeguards; (c) the RF; and (d) all measures and requirements set forth in the respective RP, and any corrective or preventative actions set forth in a Safeguard Monitoring Report. The Borrower shall ensure that no Subproject categorized as Category A under the SPS is financed under the Project.	being complied	In 2020, the ADB recruited a Fourth Party to verify the land donations for the Category C irrigation scheme Trapeang Run. For AWP 2023 are the arrangements still not sure how this Fourth-party verification will be arranged. There are no

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
							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.

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	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	To be complied with	Semi-annual safeguards monitoring reports are submitted on-time

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No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					impacts, with detailed description of the even and proposed corrective action plan in accordance with the SPS; and report any actual or potential breach of compliance with the measures and requirements set forth in the EMPs, the RPs or the IPPs promptly after becoming aware of the breach.		
40	Safeguards	Loan 3661	Schedule 5	9	Prohibited List of Investments. The Borrower shall ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.	Being Complied	
41	Safeguards	Loan 3661	Schedule 5	10	Labor Standards, Health and Safety. The Borrower shall ensure that the core labor standards and the Borrower's applicable laws and regulations are complied with during Project implementation. The Borrower shall include specific provisions in the bidding documents and contracts financed by ADB under the Project requiring that the contractors, among others, (a) comply with all applicable labor laws and regulations of the Borrower; (b) do not use child labor; (c) do not discriminate workers in respect of employment and occupation; (d) do not use forced labor; and (f) disseminate information on the risks of sexually Z transmitted diseases, including HIV/AIDS, to the employees of contractors engaged under the Project and to members of the local communities surrounding the Project areas, particularly women.	Being Complied	
42	Safeguards	Loan 3661	Schedule 5	11	The Borrower shall strictly monitor compliance with the requirements set forth in this paragraph and provide ADB with regular reports.	Being Complied	Being complied.
		Loan 3661	5	12	Gender and Development. The Borrower shall ensure that the (a) GAP is implemented in accordance with its terms; (b) the bidding documents and contracts include relevant provisions for contractors to comply with the measure set forth in the GAP; (c) adequate resources are allocated for implementation of the GAP; and (d) progress on implementation of the GAP, including progress toward achieving key gender	Being Complied with	In Sept 2021 was the GAP changed/modified by the ADB



Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
 First Quarterly Progress Report 2023: January - March

No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					outcome and output targets are regularly monitored and reported to ADB.		
Governance and anti-corruption							
43		Loan 3661	Schedule 5	16	Governance and Anticorruption. The Borrower shall (a) comply with ADB's anticorruption Policy (1998, as amended to date) and acknowledge that ADB reserves the right to investigate directly, or through its agents, any alleged corrupt, fraudulent, collusive or coercive practice relating to the Project; and (b) cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation.	Being Complied	
44		Loan 3661	Schedule 5	17	The Borrower shall ensure that the anticorruption provisions acceptable to ADB are included in all bidding documents and contracts, including provisions specifying the right of ADB to audit and examine the records and accounts of the executing agency and all contractors, suppliers, consultants, and other service providers as they relate to the Project.	Being Complied	
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	Being Complied	

Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
 First Quarterly Progress Report 2023: January - March

No	Covenant	Loan Agreement Reference				Compliance Status (31.03.2023)	Remarks/Issues
		Product	Schedule	Para No.	Description		
					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.		
47		Grant 0579	Schedule 2	3	The Recipient shall fully cooperate with ADB regarding any reviews, ad hoc checks, verifications or evaluations by GCF	Being Complied with.	
48		Grant 0579	Schedule 2	5	The Recipient shall ensure that all necessary and applicable licenses, approvals and consents, including those relating to intellectual property, to implement and carry out the Project and operate the Project facilities are valid for the duration of the Project.	To be complied	
49		Grant 0579	Schedule 2	7	The Recipient shall endeavor to acknowledge the visual identity of GCF in funding the Project (e.g., through use of the GCF logo, in accordance with GCF's branding guidelines, and appropriate references in reports, publications, information given to beneficiaries and news media, related publicity materials and any other forms of public information and the displaying of the GCF logo on the site of any infrastructure works). Any branding activities in support of GCF shall comply with GCF's branding guidelines and be and reviewed by the GCF Secretariat.	Being Complied with	
	Others						
50		Loan 3661	Schedule 5	1	Implementation arrangements. The Borrower shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM shall become effective only after approval of such change by the Borrower and ADB. In the event of any discrepancy between the PAM and this Loan Agreement, the provisions of this Loan Agreement shall prevail	To be complied with	



## **ANNEX 15: Financial Management Plan January – March 2023**

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

**CS1 - 001 SER: Project Implementation Consultants**

**FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH**

*Prepared by*

 **AGRICONSULTING EUROPE SA**  
*in JV with SBK Research and Development*

**Annex 15: Financial Management Plan January – March 2023**

Weakness	Mitigation Action	Responsibility	Timeframe	Status per Dec 31 2022
<ul style="list-style-type: none"> <li>Coordination among PMU of MAFF as EA and IAs: PDAFF, PDWRAM, PDRD, and others</li> </ul>	<ul style="list-style-type: none"> <li>Clear roles and responsibilities are detailed in PAM.</li> <li>EA and IAs are well informed about their roles and responsibilities by ADB and PIC.</li> </ul>	EA/PMU/ MEF	One month after Loan Negotiation.	Done
<ul style="list-style-type: none"> <li>Limited capacity of the project staff at the PMU/PPIU on budget execution, accounting, reporting and auditing.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>Training on project management, financial management, SOP and project fund flows shall be provided to the project staff in EA and IAs.</li> <li>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.</li> </ul>	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 <ul style="list-style-type: none"> <li>Ongoing one/ twice per year, refresher training</li> <li>Ongoing one/ twice per year, refresher training. Plan to conduct in July &amp; Nov'2023</li> </ul>
<ul style="list-style-type: none"> <li>Safeguard of vehicles, motorcycles, equipment for workshops, laboratory, and solar power</li> </ul>	<ul style="list-style-type: none"> <li>Inventory List must be set up with accountability.</li> <li>A sound inventory management is required via trainings for IAs.</li> </ul>	PMU/PIC	3 months from the mobilization of the PIC.	Done Done
<ul style="list-style-type: none"> <li>Most proposed IAs/PPIUs do not have accounting system to record financial transactions and prepare the required financial reports.</li> </ul>	<ul style="list-style-type: none"> <li>The accounting system shall be setup and training will be provided for the project accountants at PPIUs/IAs</li> </ul>	PMU/PIC	3 months from the mobilization of the PIC.	Done

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)  
 First Quarterly Report 2023: January to March

Weakness	Mitigation Action	Responsibility	Timeframe	Status per Dec 31 2022
<ul style="list-style-type: none"> <li>Limited capacity in internal audit. Quality of both internal and external audit reports remains a concern.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>	MEF/ADB	By end of Year 1.	<ul style="list-style-type: none"> <li>MEF recruits external auditor on annual basis</li> <li>MEF conducts Audit training to the project staffs on Annual basis</li> </ul>
<ul style="list-style-type: none"> <li>Delays and incomplete submission of the unaudited annual project financial statements</li> </ul>	<ul style="list-style-type: none"> <li>EA and IAs staff will be trained in preparing and submitting quality reports of annual project financial statements on a timely basis.</li> <li>MEF to update the TOR for auditors and explore potential participation of supreme audit institution to further improve quality.</li> </ul>	MEF/ADB	By the 9th month from the project effectiveness.	<ul style="list-style-type: none"> <li>MEF or ADB conducts ad hoc trainings on specific topic for project financial staff Annually, Done</li> <li>MEF does update annually</li> </ul>

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.



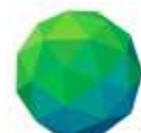
MAFF



MOWRAM



MRD



GREEN  
CLIMATE  
FUND

## ANNEX 16: GCF Annual Report 2022 (Draft)

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

CS1 - 001 SER: Project Implementation Consultants

FIRST QUARTERLY PROGRESS REPORT 2023  
JANUARY - MARCH

*Prepared by*



AGRICONSULTING EUROPE SA

*in JV with SBK Research and Development*

# General Template of the Annual Performance Report (APR)

**FP076: Climate-Friendly Agribusiness Value Chains Sector Project  
Asian Development Bank**

**Annual Reporting Period Covered in this Report:  
(From 01-01-2022 to 31-12-2022)**

**Sections in this report:**

- Section 1: General Information
- Section 2: Implementation Progress
- Section 3: Financial Information<sup>1</sup> (Excel worksheet attached).
- Section 4: Report on Environmental and Social Safeguards & Gender
- Section 5: Annexes
- Section 6: Attachments

*Please submit the APR to [opm@gcfund.org](mailto:opm@gcfund.org)*

SUBMITTED BY	
<i>Dr. Srinivasan Ancha Principal Climate Change Specialist</i>	<i>Date:</i>
<i>Please indicate if this report has been shared with the relevant NDA(s) for this Funded Activity (Yes/No)</i>	<i>Date of submission to NDA:</i>

SECTION 1: GENERAL INFORMATION	
<i>This section provides general information on the funded activity.</i>	
<b>1. Funded Activity Title:</b>	<b><i>Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC project)</i></b>

<sup>1</sup> Please refer to excel worksheet attached "APR Section 3 (Financial Information)". Provide as attachments to this report any detailed additional financial information if required in the Funded Activity Agreement.



Climate-Friendly Agribusiness Value Chains Sector Project (FAVC)  
 First Quarterly Progress Report 2023: January - March

<b>2. Funding Proposal Number:</b>	<b>FP076</b>
<b>3. Date of Board approval - Board Meeting Number:</b>	2/28/2018 <b>B.19/12</b>
<b>4. Accredited Entity:</b>	<b>Asian Development Bank (ADB)</b>
<b>5. Focal Point of the Accredited Entity for this Project:</b>	<b>Dr. Srinivasan ANCHA</b> <b>Principal Climate Change Specialist</b> Email: <a href="mailto:asrinivasan@adb.org">asrinivasan@adb.org</a> Tel: (+66) 2 263 5341
<b>6. Executing Entity(ies):</b>	<i>Ministry of Agriculture Forestry and Fisheries (MAFF)</i> <i>Ministry of Water Resources and Meteorology (MOWRAM)</i> <i>Ministry of Rural Development (MRD)</i>
<b>7. Implementation Period:</b>	From: 10/01/2018 – ADB From: 3/28/2019 – GCF  To: 3/31/2026 – ADB 9/19/2024 – GCF
<b>8. Current year of Implementation:</b>	4
<b>9. Date of Submission of the Report:</b>	Click or tap to enter a date.
<b>10. Annual Reporting period covered in this report:</b>	<b>From:</b> 1/1/2022 <b>To:</b> 12/31/2022
<b>11. Total Project Budget<sup>2</sup>:</b>	<b>USD 141,040,000</b>
<b>12. Total amount of GCF Proceeds Approved:</b>	<b>Loan: USD 10,000,000</b> <b>Grant: USD 30,000,000</b>
<b>13. Total amount of GCF Proceeds disbursed (cumulative) to the Accredited Entity:</b>	<b>Loan USD 484,057</b> <b>Grant: USD 1,949,228</b>

<sup>2</sup> Total project budget including co-financing as reflected in the relevant Funded Activity Agreement.

## SECTION 2: IMPLEMENTATION PROGRESS

### 2.1 OVERALL (SUMMARY) PROJECT PROGRESS (*less than one (1) page*<sup>3</sup>).

As of 31 December 2021, the Cambodia Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC) awarded contracts of \$ 34,181,050 which is 26.29% of the total project cost) and disbursed \$17.105 million (13.6% of the total project cost), including advances of around \$3.3 million, against an elapsed period of 51 months from date of project effectiveness.

In this year 2022 the Asian Development Bank (ADB) did not conducted any reviews mission, as the last one was conducted in November 2021. Following this mission was the project extended with 18 months up to 31 March 2016.

In 2022 the CFAVC project achieved 26.1 % financial progress of the AWP22 of US 37,072,00 amounting to US 9,742,036, with the highest progress achieved by MAFF (45.1 %), followed by MRD (20.05 %) and MOWRAM (12.7 %). The slow progress of the MRD and MOWRAM programs were caused by the delays in the social safeguard screening of the sub-projects, .

In 2022 2 PSC meeting were conducted, the first one on 07 February 2022 and a second virtual one on 03 March 2022. During the second PSC meeting is was confirmed that MOWRAM will implement he rainwater harvest ponds while MAFF would implement the drip irrigation systems for the mango demonstrations.

In 2022 the covid –related restrictions on the conducting of meetings and international travel were slowly released and several international experts who could not have mobilized before came and conducted missions.

The entire AWP2022 road program of 70 km was already contracted but the signature of the contracts was postponed until the social safeguard screening am payment of compensation by the Cambodian Government had been completed and compensation paid by the Cambodian government. On 31 December a total of 14.97 km was completed. A total of 5 of the 27 irrigation schemes were completed together with 55 of the 80 Agricultural cooperatives, while also progress was made with Output 3 with the formation of policies of climate-resilient agribusiness and agriculture. A total of 55 bio-digesters and 21 compost huts.

Also progress was made with the Gender program with the first trainings conducted in all4 provinces now that all covid-19 related restrictions on the conducting of large meetings was lifted.

<sup>3</sup> Please remove text below to fit report to one page. Additional reports can be provided as other attachment to the APR.

## 2.2 Performance against the GCF Investment Criteria (summary) (max two (2) pages).

Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient. Key activities include (1a) 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; (1b) upgrading agricultural cooperatives' value chain infrastructure (drying, processing, and storage facilities of at least 80 cooperatives); (1c) improving the connectivity of farms to cooperatives and markets through climate-resilient farm road networks (at least 250 km); (1d) strengthening the infrastructure for agricultural quality and safety testing at national agricultural laboratory; and (1e) promoting renewable energy (12,000 bio-digesters, and 6,000 compost huts and use of solar energy in target cooperative areas).

The GCF partially finances activities (1a), (1c) and (1e). Progress in 2022 under 1a, 1c and 1e is discussed below. 1a. Irrigation and water management infrastructure: The project team considered 31 potential replacement schemes totalling 15,107 Ha of which four had to be dropped due to safeguards concerns, urban pressures, or support by other development partners. The first batch includes 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) (21.7% of target area) with an estimated contract value of \$8.49 million. While the rehabilitation of the first irrigation subproject (Trapeang Run in Kampot province with 100 ha irrigable area) was already completed in 2021, in this year 2022 the construction of 4 other subprojects of AWP 2020 was completed totalling 1,200 Ha. The contracts for the rehabilitation of the remaining 4 sub-projects with a total area of 1,750 ha were tendered but the ward could not be given yet, awaiting the completion of the social safeguard screening and payment of compensation. Topographical surveys and feasibility studies for the second batch including 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 was also completed in 2022. After in April 2022 MEF decided that the construction of the on-farm rainwater harvesting ponds was assigned to MOWAM, a start was made with the survey, design and social safeguard screening of the first 260 ponds has completed These 260 comprise 80 ponds in Kampot province and 60 each in the other 3 provinces.

1c. Rural connectivity infrastructure: In 2021 the project had already identified 44 farm road-sections totalling 273.6 km (as against the project target of 250 km) for rehabilitation and improvement of climate resilience benefitting 44 agricultural cooperatives (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 was considered appropriate to minimize the cost. The team also decided on concrete roads for connecting ACs to markets, and DBST in place of laterite road for farms to ACs. Procurement and contracting was completed in 2022 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. Construction works started in the second half of the year after the social safeguard screening and compensation to affected households, responding to independent third-party queries on land donation, had been finalised by GDR. The surveying and detailed design for 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 were finished in 2022. The survey work on the final batch of 16 farm road subprojects with a total length of 102.6 km also commenced in Q3 2022. COVID-19 led to some increases in cost of steel, cement, and fuel with potential implications for the overall cost.

1e. Renewable energy infrastructure: The project constructed three model bio-digesters and compost huts to demonstrate the benefits to farmers and conducted three on-farm demonstrations of integrated farming using bio-slurry. MAFF expressed strong concerns on the project's ability to attain the target of 12,000 bio-digesters and 6,000 compost huts due to new developments in the project area and challenges. So far a total of 3,193 families for the bio-digesters (26.6 % of the target) and 2,276 families for the compost huts (37.8%) have signed up and are willing to contribute to the construction costs and have received training in the operation & maintenance (O&M) of these units. The challenges in meeting the targets 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 bio-digesters and compost huts, which in turn is due to decreasing household dependence on bioenergy for cooking and lighting due to rapid expansion of grid electricity into rural areas over the past 3 years and preference of households to use electricity and liquid nitrogen gas cylinders instead of biogas. Other reasons contributing to low demand for bio-digesters include: (i) free supply of 1,500 bio-digesters, including 200 in Kampong Cham and 300 in Tbong 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. In 2022 the construction of the first batches of bio-digesters and compost huts also failed. So far the project has not yet been able to (i) revisit the cost estimates by including administration and overhead expenses of about 30% in the net price of bio-digesters; and (ii) increase subsidy to 90–100% of procurement method from national competitive bidding (NCB) to shopping or community participation; and (iii) expand the eligibility to include small commercial farms besides households in line with the MAFF Policy on Bio-digester Development, 2021–2030. In 2022 the PMU installed a total of 55 bio-digester and 21 compost huts from the research budget line. During the next ADB review missions the PMU and the ADB should agree on reasonable reduced targets for this renewable energy program.

Output 2: Climate smart agriculture and agribusiness promoted. Key activities include (2a) deploying climate resilient varieties; (2b) strengthening the capacity for climate-friendly production practices and technologies; and (2c) promoting farm mechanization and extension. The GCF partially finances activities (2a) and (2b). Progress in 2022 under 1a, and 2b is discussed below.

2a. Climate-resilient varieties: The project team conducted 90 on-farm demonstrations for seed production and multiplication of 3 climate-resilient varieties of rice (Phkar Rumduol-PRD, Phkar Mealdey-PMD and CAR 16), and 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 2022. In 2022 also work was started on the demonstration of new cassava varieties Rayon-9 and Hauybing -60. No work was conducted on mango. Continued Staff turn-over at CARDI has led to continued long delays in finalizing the terms of reference for CS3 package 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 main issue with this CS03 procurement is that the list of activities includes both the conduction of basic research on screening germplasm and also the multiplication of advanced lines of climate resilient varieties and their deployment in four target provinces. The project team implemented paddy selection for 418.56 ha out of the 500 ha for laser land levelling, benefiting 2,778 households and 1,227 woman.

2b. Capacity building: The 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. Only 38% of planned 386 training workshops for farmers could be conducted and only 2,490 farmers (30% women) could be trained due to COVID-19 related restrictions. TOT training on operation of bio-digesters and compost huts were also conducted. The team prepared a draft manual on bio-slurry management. MAFF sought project support to adopt ASEAN guidelines for CSA for four target crops and for preparing training materials on CSA and SRP in Khmer language.

The national FWUC training specialist continued to conduct 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. While last year 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, this year the managed to complete the process of FWUC development in the 5 irrigation schemes where the rehabilitation have finished and stated to yea in all remaining 4 schemes of AWP 2020 and also the 9 schemes of AWP 2021.

Output 3: Enabling environment for climate friendly agribusiness enhanced. Key activities include (3a) formulating climate-friendly agribusiness policies and standards; (3b) promoting green finance and risk-sharing mechanisms; and (3c) supporting climate risk management through information communication technology (ICT). GCF will partially finance all three activities. 3a. Agribusiness policy and standards: The 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. ADB asked the 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 team developed a draft national standard for farmer friendly bio-digester, and a draft standard on organic fertilizer is in preparation. The project started to work to simplify CamGAP standard for tropical mango in 2022.

3b. Green finance and Public–Private Partnerships (PPP): The team prepared a draft PPP framework for agribusiness but it needs further discussion with MEF. ADB asked the 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.

3c. ICT for climate risk management: The recruitment of ICT firm was completed and the team will mobilize early 2023. The Ministry of Posts and Telecommunications, as advised by MEF during the second PSC meeting, were also involved in the evaluation of the bids.

### 2.2.1 Impact Potential (max one (1) page).

- Adaptation benefits: The project contributes to increased climate-resilient sustainable development for the 390,000 direct project beneficiaries and 975,000 indirect beneficiaries, both consisting of smallholder farmers and are among the most vulnerable to climate change
  - Mitigation impact: The project will reduce GHG emissions by about 240,000 tons of CO2 equivalent directly by project completion, in addition to 3.25 million tCO2eq indirectly over ten years.
- As of 31 December 2022, impact potential is not yet evident as implementation of activities on the ground are just starting. The envisioned impact potential remains unchanged.

### 2.2.2 Paradigm shift potential (max one (1) page).

## Climate-Friendly Agribusiness Value Chains Sector Project (FAVC) First Quarterly Progress Report 2023: January - March

- The project supports activities across all stages of the value chain for selected commodities, from infrastructure under Output 1 (e.g., irrigation, agricultural cooperatives, farm roads, laboratories, bioenergy and solar energy), to agricultural inputs (e.g., climate resilient varieties) and capacity building for farmers (e.g., CSA, SRP, CamGAP) under Output 2, and enabling environment policy (e.g., climate friendly agribusiness and CSA policy and green finance) under Output 3. All project activities have a climate perspective and aim to mainstream climate concerns into agricultural development planning.
- The project is expected to catalysed paradigm shift in four ways: (i) introduction of climate smart policies, norms and standards and efficient resource use; (ii) increased capacity of public and private institutions to mainstream climate concerns into development planning; (iii) increased use of advanced technologies with a high potential for leapfrogging; and (iv) leveraging behavioural change among stakeholders – farming communities and the private sector.
- Agricultural cooperatives and smallholder farmers are being shown how climate resilient practices (CSA) and technologies (solar powered infrastructure, drip irrigation, laser land levelling, and information and communication technologies) can contribute to increased profitability or income security through enhancing climate resilience. This can scale-up existing and catalysed new private investments.
- The project will support the government in formulating climate-smart agribusiness policies and train financial institutions to develop/deploy financial products, including crop insurance. Training on green finance and credit analysis can alleviate the perceived risks of agribusiness lending. These activities will mainstream climate resilience in the decision-making process of public and private entities and create an enabling environment for climate resilient agricultural sector to grow.
- ADB has stressed that each infrastructure subproject needs to prepare a viable and realistic O&M plan, focusing on institutions, capacity building, financing, and technologies. Agricultural cooperatives and farmers will be partially responsible for the O&M of infrastructure and the project will ensure to involve beneficiary farmers in the design and implementation. All IAs confirmed to prepare detailed O&M plans for each subproject within six months of completion of construction of the subproject.

As of 31 December 2022, paradigm shift potential is not yet evident as implementation of activities on the ground is just starting. The envisioned paradigm shift remains unchanged.

### **2.2.3 Sustainable development potential (max one (1) page).**

The project will directly contribute to achieving the Sustainable Development Goals 1, 2, 3, 5, 7, 8, 9 and 13. It will reduce vulnerability of farming communities in four provinces of Cambodia to impacts of climate change. It will also generate other social co-benefits, including higher food and nutrition security through improved produce quality, increased incomes, stringer sanitary standards, and diversification of produce. On environmental sustainability, the project will contribute to GHG emission reduction, soil carbon sequestration, water conservation and climate resilience. Financial sustainability is a key criteria for subproject selection, and only subprojects that yield an internal rate of return exceeding 9% are admissible. The project will create employment opportunities for landless and poor farmers through access to off-farm and on-farm jobs related to farm mechanization, drying, milling, grading and storage of produce.

As of 31 December 2022, sustainable development benefits are not evident as implementation of activities on the ground is just starting. The envisioned sustainable development potential remains unchanged.

### **2.2.4 Needs of the recipient (max one (1) page).**

Cambodia is among the top countries most vulnerable to climate change, and poverty remains despite remarkable growth. The project uses a geographical clustering approach to provide a menu of support, including infrastructure (e.g., irrigation, warehouses and roads) and capacity building activity to help smallholder farming communities. Combined, these activities will increase and diversify income by improving farming practices and technologies, and to withstand climate shocks with the provision of year around irrigation water supply (protection against drought) and road access to markets (protection against flood). The project will support the government's efforts in the planning and policy formulation that considers the impacts of climate change. These measures include deployment of climate resilient varieties, utilization of information and communication technologies, and agribusiness policy development including private-public partnerships.

- Other financial, economic, social, and institutional needs (e.g., increased crop productivity, enhanced food safety and quality, increased value addition, increased economic and employment opportunities, reduced social vulnerability to climate change etc.) are envisaged to be realized after project implementation picks up in 2022.

As of 31 December 2021, needs of the recipient are not yet evidently realized as implementation of activities on the ground is just starting. The envisioned potential for meeting the needs of recipient remains unchanged.

### **2.2.5 Country Ownership (max one (1) page).**

- The project is fully aligned with the government's priorities on low-carbon and climate resilient development as outlined in the Government's overarching Rectangular Strategy. Cambodia has developed the Climate Change Strategic Plan 2014 – 2023, and associated action plans were developed by MAFF, MOWRAM and MRD. • The project is in line with the government's Agriculture Sector Strategic Development Plan (2014-2018), which aims to enhance competitiveness by enhancing of agricultural productivity (intensification), diversification and commercialization, through emphasis on the implementation of the strategy and action plan for climate change adaptation and mitigation.
- The project's focus on climate friendly agriculture value chains is expected to significantly contribute towards achieving climate change policy objectives outlined in the National Adaptation Program of Action to Climate Change of 2006, the Intended Nationally Determined Contribution of 2015, and the individual climate change action plans for

MAFF, MOWRAM and Ministry of Rural Development (MRD)

**2.2.6 Efficiency and Effectiveness (max one (1) page).**

No measures on efficiency and effectiveness to report during the reporting period. Project implementation was slowed down with the prolonged effect of COVID-19 (travel restrictions, social distancing, limited face-to-face meetings). In 2020 the project implementation was expected to speed-up in 2022, as COVID-19 situation became more stable and vaccination rate increased, but unfortunately this did not really materialize. .



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<b>2.3 PROJECT OUTPUTS IMPLEMENTATION STATUS<sup>4</sup></b>			
<b>Project Output</b>	<b>Project Activity</b>	<b>Status<sup>5</sup></b>	<b>Implementa tion progress<sup>6</sup> (%)</b>
<b>General Project Implementation Support</b>	Declaration of ADB Loan Effectiveness (1 Oct 2018) and Appointment of Project Management 100 Unit (PMU) Staff (government staff) at National Level	<i>Activity Completed</i>	<b>100</b>
	100 Opening of Project accounts at three ministries Activity completed	<i>Activity Completed</i>	<b>100</b>
	Appointment of Project staff at provincial level Activity	<i>Activity Completed</i>	<b>100</b>
	Declaration of GCF Loan and Grant Effectiveness (28 Mar 2019)	<i>Activity Completed</i>	<b>100</b>
	Appointment of Consultant Selection Committee and Bid Evaluation Committee	<i>Activity Completed</i>	<b>100</b>
	Training on Procurement, Social and Environmental Safeguards, Gender Mainstreaming and Financial Management Activity completed / Repetitive	<i>Activity Completed</i>	<b>100</b>
	Recruitment and Mobilization of Project Implementation Consultants (Consulting Service Package 1) A	<i>Activity Completed</i>	<b>100</b>
	Recruitment and Mobilization of Capacity Building & Climate Smart Agriculture Consultants (Consulting Service Package 2)	<i>Activity Completed</i>	<b>100</b>
	Recruitment and Mobilization of Feasibility Study and Detailed Engineering Design Consultants (Consulting Service Package 5)	<i>Already completed</i>	<b>100</b>
	<b><i>Output 1: Critical Agribusiness Value Chain Infrastructure Improved and Made Climate Resilient</i></b>		<b>33.49 %</b>
<b>Output 1 –</b>	<b><i>Project Activity 1.a Rehabilitating water management infrastructure to climate resilient condition</i></b>		

<sup>4</sup> Outputs and Activities reported here should be aligned with the Activities in the Logic Framework and Implementation Timetable of the project.

<sup>5</sup> Activity Not Yet Due; Activity Started -ahead of schedule; Activity started – progress on track; Activity started but progress delayed; Activity start is delayed.

<sup>6</sup> Implementation progress on a cumulative basis as of the date of the report.



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<b>Critical agribusiness value chain infrastructure improved and made climate-resilient</b>	<b>1.1.1. Off-farm climate resilient irrigation &amp; water management Infrastructure</b>		<b>30.73 %</b>
	Identification and Confirmation of schemes ·	29 potential schemes have been identified	
	Feasibility Study (FS) completed including social and environmental safeguards screening ·	completed for 1,200 ha	
	Topo survey and Detailed Design completed	Completed for 10,000 Ha	
	Bid preparation and contracts signed	completed for 9 sub projects	
	Implementation rehabilitation works	completed in 5 sub projects covering 1,200 ha	
	Set-up of O&M plan	completed for 1 sub-subproject	
	<b>1.1.2 On-farm rain water catchment ponds</b>		
	identification of ponds	completed for 180 ponds	
	preparation of DED including social safeguard screening	ongoing for 180 sub projects	
	<b>1.1.3 Drip-irrigation demonstration sites</b>		
	<i>Activity Started -progress delayed</i>		
	For this activity the AWPB2022 has planned a total of 5 drip irrigation system in areas which are used as demonstration site with mango farm in target province of the project.	The 5 mango farms which are used as demonstration site have been selected and collected data by GDA/PMU/PPIUs. Actual installation of the drip system equipment, tube wells/water connection, solar pumps installation and connection has not happened yet as the procurement is still in process.	
	<b>Project Activity 1.3 Improving connectivity to cooperatives and markets through climate resilient farm road networks</b>		<i>Activity Started -progress on track</i>
	identification of roads	completed for 273 km	<b>32.60 %</b>
topo and transport survey	completed for 273 km		
DED	completed for 170 km		
Social safeguard screening and payment of compensation	completed for 71 km		
procurement and contracting	completed for 71 km		
implementation of rehabilitation works	completed for 14.97 km		
making of O&M plan	not started yet		
<b>Project Activity 1.4: Upgrading of Agricultural cooperative</b>		<b>65.35 %</b>	
<b>Identification of ACs</b>	<i>Completed for all 80</i>		
<b>Preparation of DED for improvement</b>	<i>Completed for 55</i>		
<b>Implementation of rehabilitation</b>	<i>Completed for 55</i>		
<b>Installation of equipment</b>	<i>completed for 24</i>		
<b>Training of AC group</b>	<i>Completed for 25</i>		

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<b>Project Activity 1.5: Strengthening infrastructure for agricultural quality and safety testing at the National Agriculture Laboratory (NAL)</b>		<i>Activity Started -progress delayed</i>	<b>32.45 %</b>
Renovation of Laboratory Room of NAL, GDA: -Plant Tissue Laboratory, -Bio-fertilizer and Bio-pesticide Testing Laboratory including electricity installation.		The design for Lab room renovation together with the engineering drawings and the BoQ estimations completed and renovating process by Taing Cheng Oing company contracted and 95% completed	
Construction of Net houses with size of 3m x 23m for NAL		Net house started construction on 27 June 2022 and is being progressed. Net House construction by constructor from KASEGRO Company and 95% completed.	
Biotechnology (NAL) Laboratory equipment (including tissue culture house equipment)		Lab equipment are bid opening on 9 May 2022, and BER being progressed.	
On the job training to NAL staff		Lead Implemented by NAL with NAL's experts and 63% Completed.	
Specific technical training to NAL staff		Prepared concept noted for specific training of three local training on bio fertilizer/pesticide and plant tissue culture 50% completed but the activities moved to AWPB2023 in oversea training.	
Development of manual of Biofertilizer/organic fertilizer and plant tissue culture		Completed of 30% for technical working group and consultation workshop led by PMU and combining input from other stakeholder for prepare dissemination workshop.	
<b>Project Activity 1.5 Promoting renewable energy for value chain improvement</b>		<i>Activity Started -progress delayed</i>	<b>14.5%</b>
<b>1.5.1. Bio digester and compost huts</b>			
Bio digester construction		The construction was delayed due to the failure of the second bidding (NCB) documents. During the reporting period, there were achievement of research, development, pilot and use of the 55 bio-digester and 21 compost huts construction.	
Compost hut construction			
<b>1.5.2. Training &amp; Capacity Building</b>			
Refresher training of extension workers for bio-digester and bio-slurry		Achieved 28 with 78% of the work plan during reporting period.	
National workshops on bio digester and composting dissemination information		4 National workshops were conducted	
User training for biogas plant and bio-slurry (biogas plant and bio-slurry management)		14 trainings were conducted The delayed activities was late of construction and constrained of budget implementation.	
TOT training on biogas plant, bio-slurry use and management for extension workers		Resulted 14 with achieved activity of 100%.	
Training on composting and its application to farmers and agriculture community		Resulted 18 with achieved activity of 50%. The delayed activity due to the budget constraints in Q4.	
Training on M&E on bio-digester and compost hut for PDAFF		3 Trainings were conducted 3	
National training on bio-digester construction techniques and quality control		2 national trainings were conducted	
Internal exchange visit on-site on site learning and field practices to EWs, key farmers, potential farmers		Resulted 5 with achieved activity of 19%. The delayed of activity due to the budget constraints in Q4.	
Research, development, pilot and use of the bio-digester and compost hut construction		Achieved 55 of bio-digester construction with 79% and achieved 21 compost huts with 27% of the work plan.	

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	<b>1.5.3 Promotion &amp; Marketing</b>		
	Information folders, manuals, booklets and other extension material	60 sets of extension materials was designed, published and distributed to target provinces.	
	Promotion and marketing extension (posters, promotion leaflets and other promotion materials)	1,100 posters for promotion was designed, published and distributed to target provinces.	
	Small group meeting for extension & seeking the interest clients	Resulted 464 with achieved activity of 93%.	
	Commune & provincial workshops on project dissemination, identification and selection clients	Resulted 4 with achieved activity of 100%.	
	Coordination and monitoring meeting with relevant stakeholders (on marketing mechanism)	Resulted 9 with achieved activity of 56%. The delayed of activity due to the budget constraints in Q4.	
	Promotion signboards	40 sets of promotion signboards of bio-digester and compost hut was installed in 4 targeted provinces.	
	<b>1.5.4 Monitoring &amp; Evaluation</b>		
	Provincial monthly Progress meetings	Resulted 41 with achieved activity of 85%.	
	National coordination meetings	Resulted 5 with achieved activity of 125% due to one training were carried out and conducted at the end of December 2021.	
	Field mentoring & coaching and M&E by PPIU and GDAH/PMU	Resulted 4 with achieved activity of 7%.	
	Training on data entry and database management	Resulted 2 with achieved activity of 100%.	
	<b>1.5.5 Innovation &amp; VC Improvement</b>		
	Training to Model farmers & exchange visits	Resulted 2 with achieved activity of 100%.	
	Support input for integrated farming demonstrations	Resulted 38 with achieved activity of 58%.	
	Quarterly technical meeting on quality control and biogas appliances	Resulted 4 with achieved activity of 100%.	
	National dissemination/reflection workshops on biodigester and compost hut	Resulted 2 with achieved activity of 100%.	
	<b>1.5.7 National Biodigester and Bioslurry Policy and Standards</b>		
	Meeting with technical working group on biodigester and bioslurry	Resulted 6 with achieved activity of 100%.	
	Public consultation workshop to review drafted policy and standards	Resulted 2 with achieved activity of 100%.	
<b>Output 2 – Climate-smart agriculture and agribusiness promoted</b>	<b>Project Activity 2.1 Deploying climate resilient varieties</b>	<i>Activity Started -progress delayed</i>	
	Advancing rice generation (04):	During the reporting period, a total of 120 progenies were selected for next advance generation in Dry and wet season 2023. CARDI finish the harvesting and manage to thresh and store the selected genotypes.	
	Seed increase promising line(02 SI):	During December reported, Done harvesting and threshing. A total of 250 kg of seed obtained from	

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		seed increase. .	
	Multi-location trials(4)	2 trials in CARDI already harvested, finished data collection and Finalized raw data entering. 1 trial in Kampong Cham and 1 in Takeo are at maturity stage, some agronomic data were collected, and early maturity genotypes were harvested for grain related-trial evaluation. All trials were started from 7/08/22 to 26/08/22 in KCH and TKO at maturity stage.	
	On-farm adaptive trial on promising line(20)	10 OFAT trials in Takeo were harvested and finished data collection. Farmers preferred line No. 1 (55-18-40-17-B-B) over check varieties. 5 trials in Kampong Cham were already harvested and another 5 trials are at maturity stage. the trial in Kampong Cham are expected to complete at the end of December. .	
	Training of farmers group on best management practice (BMP) of rice, cassava, and maize production-CARDI	Training of farmers group on best management practice (BMP) of rice, cassava, and maize production. During reporting period, training BMP-Rice=20, BMP-Cassava=10 and BMP-Maize=10 with 100% achieved the activity. .	
	Training of farmer groups on rice seed production techniques and follow up (RSPT&FU)	Training of farmer groups on rice seed production techniques and follow up (RSPT&FU) until October,202 are ended and training Rice seed production technique and follow up 12 with total participants 300/130 females. .	
	Breeder and Foundation rice seed on promising line	Both BS and FS of PRD, PMD, and CAR16 were already harvested, threshing and cleaning and being stored in cool room in CARDI.	
	Foundation seed OPV maize CM	(Foundation seed OPV maize: During the reporting period, the harvested on 01/09/2022 and finished threshing. A total of 200 kg of foundation seed of CM1 were obtained from the seed production). .	
	Farmer field day, at field experiment	One field day event was conducted on 09 December 2022 in Kampong Cham province. Another one field day will be held in late December 2022 in Kampong Cham province. 50% achieved the activity due to the budget constraint for Implementation in Q4.	
	<b>Project Activity 2.2 Strengthening capacity in climate friendly production practices and technologies</b>	<i>Activity Started -progress on track</i>	53.4 %
	<b>2.2.1 Refresh training of trainers for provincial team</b>		
	Refresher training of trainers (ToT) on CSA for provincial trainers	Resulted 1 with achieved activity of 100%.	

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	Refresher training of trainers on SRP for provincial trainers	Resulted 1 with achieved activity of 100%.	
	Refresher training of trainers on CamGAP for provincial trainers	Resulted 1 with achieved activity of 100%.	
	Refresher training of trainer (TOT) on agricultural machinery O&M for provincial trainer	Resulted 1 with achieved activity of 100%.	
	Training of trainers (TOT) for provincial trainers on ACs bookkeeping	Resulted 1 with achieved activity of 100%.	
	Training of trainers (TOT) for Contract farming	Resulted 1 with achieved activity of 100%.	
	Technical support or backstopping of GDA on training of farmers on SRP and CSA	Resulted 3 with achieved activity of 100%.	
	<b>2.2.2 Training of farmers on CSA, SRP, CamGAP</b>		
	Training of farmers on climate smart agriculture (CSA) for rice, cassava, maize	Resulted 78 with achieved activity of 98%.	
	Training of farmers on sustainable rice production (SRP)	Resulted 75 with achieved activity of 100%.	
	Training of AC and farmer group for Contract farming	Resulted 3 with achieved activity of 25%. The delayed activity due to the budget constraints in Q4.	
	Training of farmers on CamGAP practice and standard compliant for fruit crop-Mango	Resulted 5 with achieved activity of 50%. The delayed activity due to the budget constraints in Q4.	
	<b>2.2.3 Training of ACs boards on ACs business development</b>		
	Training of ACs boards on leadership and management	Resulted 12 with achieved activity of 75%.	
	Training of ACs boards on business plan and entrepreneurship	Resulted 8 with achieved activity of 50%. The delayed activity due to the budget constraints in Q4.	
	Training of ACs boards on marketing principles	Resulted 8 with achieved activity of 50%. The delayed activity due to the budget constraints in Q4.	
	Training of ACs boards on annual report writing	Resulted 12 with achieved activity of 75%.	
	Training of ACs boards on bookkeeping	Resulted 10 with achieved activity of 63%. The delayed activity due to the budget constraints in Q4.	
	Training of ACs boards on procedures for organizing crop producer groups	Resulted 4 with achieved activity of 25%. The delayed activity due to the budget constraints in Q4.	
	Training of ACs boards on Journaling for Suppliers and Marketing for ACs	Resulted 2 with achieved activity of 13%. The delayed activity due to the budget constraints in Q4.	
	<b>2.3.4 Training on landscape restoration (farm mechanization)</b>		
	Training of farmers on agriculture production conservation	Resulted 2 with achieved activity of 13%. The delayed activity due to the budget constraints in Q4.	
	Training of farmers on laser land levelling	Resulted 1 with achieved activity of 6%. The delayed activity due to the budget constraints in Q4.	
	Training of farmers on post-harvest technology	Resulted 9 with achieved activity of 56%. The delayed activity due to the budget constraints in Q4.	
	Refresher training of trainer on CAMGAP for provincial trainer	IA-GDA has been conducted refresher training of trainer on CAMGAP 100% completed of AWPB 2022 for providing refresher method and the Pedagogy on CAMGAP to 18 trainee at provincial level from 4 PPIUs in order to transferring the technical to the target farmers in the Agriculture Cooperatives (ACs) or community of CFAVC project.	
	Training of farmers on CAMGAP practice and standard compliant for fruit crop-mango	PPIUs have been conducted 10 trainings of farmers on CAMGAP 100% completed of AWPB 2022 for providing	

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		the technical to mango farmers on CAMGAP compliant and allocated each province such as Kampot-2, Takeo-3, Tboung Khmum-3, and Kampong Cham-2 training course. The training course was done with only any farmer growing mango under target of Agriculture Cooperatives (ACs) or community of CFAVC project.	
<b>Output 3 – Enabling environment for climate-friendly agribusiness enhanced</b>	<i>Project Activity 2.3: Promoting farm mechanization and extension</i>	<i>Activity Started -progress on track</i>	
	<b>2.3.5 Other Costs of support activities</b>		
	On-farm rice seed production demonstration	1) Identify rice demo =90/47women key famers, (TAK=24, KPT=23, KCM=21 and TBK=22) that PRD=55 demos, PRD=26 demos,=9 demos CAR=9 demos -16=9 demos 2) Follow up and coaching sowing= 90(TAK=24, KPT=23, KCM=21 and TBK=22) 3) Follow up and coaching transplanting= 90(TAK=24, KPT=23, KCM=21 and TBK=22) 4) No field day yet, due to budget constraint 5) 90 Harvested for demos rice seed (CAR16, PRD and PMD) that 24 demos inTakeo,23 demos in Kampot, 21demos in Kampongcham and 22 demo in Tboungkhmum provinces with surface produced 28,51ha, total yields 108,62 tones and average yield is 3,810 kg/ha..	
	Cassava planting material production demonstration	1) Identify cassava demo =30/17women key famers, (KCM=15, TBK=15) that variety 81=26, Huoybong=3 and Rayon-9=1 2) Planting= 30(KCM=15, TBK=15) 3) Harvest will see in next report.	
	Maize seed production demonstration	1) Identify maize demo =45/17women key famers, (TAK=5, KPT=7,KCM=15, TBK=18) that variety CHM01=32 get from Banteaydek station 2) Planting= 25(TAK=3, KPT=0,KCM=10, TBK=12) that variety CHM01=25 3) 24 demos harvested, that 10 demo in KCM,12 demo in TBK and 2 demos in Takeo with average yield 4757kg/ha 4) 8 demos just planting with variety CHM-01(that 6 demo in TBK and 2 demos in KPC)	
	Field day for rice seed production	The delayed activity due to the budget constraints in Q4.	
	Field day for cassava planting material production	The delayed activity due to the budget constraints in Q4.	
	Field day for maize seed production	The delayed activity due to the budget constraints in Q4.	
	Laser land levelling for 500 ha	It is still on bidding process.	
	Land preparation demonstration by Tractor or hand tractor	Resulted 4 with achieved activity of 100%.	

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	FWUC establishments	<b>17 FWUCs and FWUGs:</b> <b>A. 11 FWUCs achieved 100%</b> 1. Trapeang Run and Takoch in Kampot; 2. Toul Pring, Kbal Teuk, and Trapeang Tros in Tbong Khmum province; 3. O'Kamprok and 5 Kompheak in Kampong Cham; 4. Prey Kdouch, Kraing Ampil, Kwaeng Tayee and Chrouk1+Plov touk; <b>B. 6 FWUCs achieved 88%</b> 1. Pou Tatress in Kampong Cham; 2. Tbong Damrei and Kampong Raing in Tbong Khmum; 3. Trapeang Beung and kandoal in Kampot; 4. Prey Rumdeng in Takeo	
	FWUC Capacity Building	A. Administrative tasks are 12 courses with 86% achieved the activity. B. Communication skills are 12 courses with 86% achieved the activity. C. Financial management/book keepings are 12 courses with 86% achieved the activity. D. Irrigation service fee calculations are 6 courses with 100% achieved the activity. E. Planning is 4 courses with 100% achieved the activity. F. Minute taking records and reporting skills are 4 courses with 100% achieved the activity. G. Conflict resolutions are 4 courses with 100% achieved the activity.	
	<b>Project Activity 3.1 Formulating climate friendly agribusiness policies and standards</b>	<b>Activity Started -progress on track</b>	
	Agro-Industries Development Plan 2019-2030 (AIDP)	(AIDP, issued on 27 February 2020 by MAFF)	
	Policy on Biodigester Development in Cambodia 2021-2030	(PBDC, issued on 26 October 2021 by MAFF)	
	Development of SOP for biofertilizer fertilizer quality testing manual	Progress of achievement is 44%	44 %
	ISO 17025 SOP accreditation guideline development	Progress of achievement is 33%	
	Development of cassava tissue culture development manual	Progress of achievement is 67%, 4 <sup>th</sup> draft of edition	
	<b>Project Activity 3.2 Promoting green finance and risk sharing mechanisms</b>	<b>Activity Started -progress on track</b>	
	<b>3.2.1 Green Finances Initiatives</b> Meeting with the Mekong Sustainable Finance Working Group and the Micro-Finance Institutions (MFI) Clients to develop environmental and climate	The delayed activity due to the budget constraints in Q4. Consultant started working on July 2022.	



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	<p>screening criteria and tools to guide their lending activities                  Coordination meeting and lessons sharing with the Association of Banks in Cambodia (ABC), which has recently launched the Cambodian Sustainable Finance Initiative (CSFI)                  Conduct internal meeting to review the draft landscape and relevant key stakeholder analysis                  Validation workshop on climate finance landscape and key stakeholder analysis                  Select potential bank/MFI staff to attend the training program                  Design a training program for financial institutions including banks/MFIs to understand environmental and climate screening criteria and to evaluate loans against these criteria                  Provide training for commercial banks and microfinance institutions in targeted areas                  Climate safe screening criteria will be developed                  Meeting with banks to review potential green financing projects                  Conduct field visits with banks to review potential green financing projects                  Meeting to establishing an agricultural supply chain adaptation facility, in which a partner financial institution can share some of the contract farmers' credit risk through first-loss guarantee.                  Meeting on climate smart lending platform and value chain financing options such as warehouse receipt financing scheme may also be considered.                  Design a training program for agribusiness to understand green finance and CSA                  Meeting to select potential agribusiness to attend the training program</p>	<p>Resulted 2 with achieved activity of 25%. The delayed activity due to the budget constraints in Q4.                  Resulted 2 with achieved activity of 100%. The delayed activity due to the budget constraints in Q4.                  The delayed activity due to the budget constraints in Q4. Consultant started working on July 2022.                  The delayed activity due to the budget constraints in Q4. Consultant started working on July 2022.                  To be continued on 2023 due to the budget constraints.                  To be continued on 2023 due to the budget constraints.                  To be continued on 2023 due to the budget constraints.                  To be continued on 2023 due to the budget constraints.                  To be continued on 2023 due to the budget constraints.                  To be continued on 2023 due to the budget constraints.                  To be continued on 2023 due to the budget constraints.                  To be continued on 2023 due to the budget constraints.</p>	
	<p>Conduct site visit to share &amp; learn successful experience on crop product &amp; marketing chain in other provinces</p>	<p>Postponed because of National Public Private Partnership Specialist replacement process and on the other hand crop product and marketing chain with ACs are supported by CFAVC Project has not been successful yet.                  The delayed activity due to the budget constraints in Q4</p>	
	<p>Legal farming contract signing consultation forum at provincial level</p>	<p>4 farming contract consultation have conducted, 100% achieved the activity.</p>	
	<p>Inter-ministerial committee meetings to finalize and endorse a draft of PPP framework</p>	<p>Postponed because of National Public Private Partnership Specialist replacement process.</p>	
	<p>Meeting with technical working group of CAMGAP</p>	<p>CFAVC Project has been conducted Meeting with technical working group of CamGAP to discuss on tropical fruit CAMGAP standard reviewing and development and GDA also conducted internal technical meeting to finalize on CAMGAP Mango Production and access with relevant stakeholders IFC, GIZ... to identify any lesson learnt before holding workshop endorsement which will suspend to conduct the next year of 2023</p>	
	<p>Conduct public consultation workshop with stakeholder to review and endorsement of CAMGAP</p>	<p>will be conduct in 2023</p>	

**2.4 PROGRESS UPDATE ON THE LOGIC FRAMEWORK INDICATORS<sup>7</sup>**

**2.4.1 PROGRESS UPDATE ON FUND-LEVEL IMPACT INDICATORS OF THE LOGIC FRAMEWORK**

<i>Fund-level impact Core indicators<sup>8</sup> (Mitigation)</i>	<i>Baseline</i>	<i>Current value<sup>9</sup></i>	<i>Target (mid-term)</i>	<i>Target (final)</i>	<i>Remarks (including changes<sup>10</sup>, if any)</i>
<b>Mitigation Core Indicator 1</b> Tonnes of carbon dioxide equivalent (ton CO2eq) to be reduced or avoided (Mitigation only)	0	0	100,000	240,000	

<i>Fund-level impact indicators<sup>11</sup> (Adaptation)</i>	<i>Baseline</i>	<i>Current value<sup>12</sup></i>	<i>Target (mid-term)</i>	<i>Target (final)</i>	<i>Remarks (including changes<sup>13</sup>, if any)</i>
<b>Adaptation Core Indicator A1.0</b> Direct Beneficiaries Indirect Beneficiaries	0 direct (0% of female) 0 indirect (0% of female)	77,769 direct (51 % of female 38,791)	110,000 direct (40% women) 321,000 indirect (40% women)	390,000 direct (40% women) 975,000 indirect (40% women)	

<sup>7</sup> Per the approved methodology in and the Logic Framework in the Funding Proposal, please provide an update on the relevant indicators.

<sup>8</sup> As per the relevant indicators established in the Funding Proposal and the Performance Measurement Framework, including all indicators approved by the Board and relevant updates agreed with GCF, if applicable.

<sup>9</sup> As of 31 December, of the relevant year.

<sup>10</sup> Related to the approved indicators and targets in the Logic Framework.

<sup>11</sup> As per the relevant indicators established in the Funding Proposal and the Performance Measurement Framework, including relevant updates agreed with GCF, if applicable.

<sup>12</sup> As of 31 December, of the relevant year.

<sup>13</sup> Related to the approved indicators and targets in the Logic Framework.

<b>Fund-level impact indicators<sup>11</sup> (Adaptation)</b>	<b>Baseline</b>	<b>Current value<sup>12</sup></b>	<b>Target (mid-term)</b>	<b>Target (final)</b>	<b>Remarks (including changes<sup>13</sup>, if any)</b>
<b>Number of total beneficiaries relative to total population</b>	0%	Total population of the 4 provinces 3,171,375 of which female 1,643,102. Project beneficiaries 170,911, of which female 90,752.	13% of populations in four target provinces, equivalent to 3% of national population	42% of populations in four target provinces, equivalent to 9% of national population	Data collection in progress
<b><u>Adaptation Impact Indicator A1.2</u></b> Number of males and females benefiting from the adoption of diversified, climate resilient livelihood options	0	21,890 men and women participated in all project activities (consultations, biodigester, compost huts, construction work), of which 8590 were women=39%	20,000	40,000	
<b><u>Adaptation Impact Indicator A2.0</u></b> Increased resilience of health and wellbeing, and food and water security	0	0	100,000 direct (40% women); 321,000 indirect	390,000 direct (40% women); 975,000 indirect	Data collection in progress
<b><u>Adaptation Impact Indicator A3.0</u></b> Increased resilience of infrastructure and the build environment to climate change threats	0	5 irrigation system completed and 3 under construction for upgrading to climate standards  21 post-harvest storage facilities are	10 water management systems constructed and upgraded to climate standards;  10 post-harvest storage	27 water management systems constructed and upgraded to climate standards;  80 post-harvest storage	

<b>Fund-level impact indicators<sup>11</sup> (Adaptation)</b>	<b>Baseline</b>	<b>Current value<sup>12</sup></b>	<b>Target (mid-term)</b>	<b>Target (final)</b>	<b>Remarks (including changes<sup>13</sup>, if any)</b>
		<p>under construction based on climate standards</p> <p>Around 71.34 km farm roads contacted of which 12.9 km completed</p> <p>3 provincial agricultural development centers.</p> <p>Renovation of Laboratory Room of NAL, GDA: -Plant Tissue Laboratory, - Bio-fertilizer and Bio-pesticide Testing Laboratory including electricity installation: a. Completed: painting wall, ceiling, steel frame net, glass window, Curtains,</p>	<p>facilities built or upgraded to climate standards;</p> <p>100km of farm roads upgraded to climate standards;</p> <p>4 provincial agricultural development centers and 1 national</p> <p>Agriculture Testing Lab (NAL) rehabilitated</p>	<p>facilities built or upgraded to climate standards;</p> <p>250km of roads upgraded to climate standards;</p> <p>4 provincial agricultural development centers and 1 national</p> <p>Agriculture Testing Lab (NAL) rehabilitated</p> <p>Total value of assets: USD 111 million</p>	

<b>Fund-level impact indicators<sup>11</sup> (Adaptation)</b>	<b>Baseline</b>	<b>Current value<sup>12</sup></b>	<b>Target (mid-term)</b>	<b>Target (final)</b>	<b>Remarks (including changes<sup>13</sup>, if any)</b>
		<p>electric system and controller box, air system, light, fan and air exhaust fan system.</p> <p>b. Incomplete: in G room preparing of painting well, installing of curtains and water pipe.</p> <p>Net House:</p> <p>a. Completed: foundation structure, steel net structure of net house, carbonate roof, net wall, water spray system, water pipe system, motor pump, electric system and light box controller.</p> <p>b. Incomplete: Mesh roof, clean water or water supply system, waste water system, light in front of room or first room of net house, exhaust fan in front and</p>			

<i>Fund-level impact indicators<sup>11</sup> (Adaptation)</i>	<i>Baseline</i>	<i>Current value<sup>12</sup></i>	<i>Target (mid-term)</i>	<i>Target (final)</i>	<i>Remarks (including changes<sup>13</sup>, if any)</i>
		back.  Lab equipment is in the bid evaluation process with the bid evaluation committee will work out to identify the company for lab equipment supplying			

**2.4.2 PROGRESS UPDATE ON PROJECT/PROGRAMME LEVEL INDICATORS OF THE LOGIC FRAMEWORK<sup>14</sup>**

<i>Project/Programme indicators (Mitigation/Adaptation)</i>	<i>Baseline</i>	<i>Current value<sup>15</sup></i>	<i>Target (mid-term)</i>	<i>Target (final)</i>	<i>Remarks (including changes<sup>16</sup>, if any)</i>
<b>Indicator A5.1</b> Strengthened institutional and regulatory systems for climate-responsive planning and development	0	<i>Developed first draft of PPP framework focussing on agribusiness</i>  <i>New replacement PPP Specialist holds on this issue.</i>	<i>One climate-smart and gender responsive agribusiness policy for target commodities is formulated</i>  <i>PPP framework focusing on agribusinesses is being formulated</i>  <i>Modalities for enforcement of CAMGAP are adopted for fruit and organic fertilizers</i>	<i>One climate-smart and gender-responsive agribusiness policy is approved at the national level</i>  <i>One PPP framework focusing on agribusinesses is formulated</i>  <i>Two CAMGAP are enforced as national standards for tropical fruit and organic fertilizers</i>	

<sup>14</sup> As per the relevant indicators established in the Funding Proposal and the Performance Measurement Framework, including relevant updates agreed with GCF, if applicable.

<sup>15</sup> As of 31 December, of the relevant calendar year.

<sup>16</sup> Related to the approved indicators and targets in the Logic Framework or relevant FAA.



<b>Indicator A7.1</b> Use by vulnerable households (including number of female beneficiaries), communities, businesses and public-sector services of Fund supported/ developed tools, instruments, strategies, and activities to respond to climate change and variability	0	<i>Total participants is 29,449 of which 15,445 are women, received training on CSA and SRP practices during the reporting period</i>	<i>15,000 farmers (40% women) trained in CSA and agribusiness development skills</i>	<i>40,000 farmers, (40% women) trained in CSA and agribusiness development skills</i>	.
<b>Indicator A7.2</b> Number of males and females reached by climate related early warning systems and other risk reduction measures established/ strengthened	0	0	<i>10,000 households (50% female-headed) provided with information on climate risk sharing instruments</i>	<i>20,000 households, (50% female-headed) use information on climate risk sharing instruments such as crop insurance</i>	<i>CS4 ICT expected to be mobilized in Q1 2023</i>
<b>Indicator A8.1</b> Number of males and females made aware of climate threats and related appropriate responses	0	0	<i>100,000 people (40% women) made aware of climate threats and risk reduction processes</i>	<i>390,000 people (40% women) made aware of climate threats and risk reduction processes</i>	<i>CS4 ICT expected to be mobilized in Q2 2022</i>
<b>Indicator M9.1</b> Hectares of land or forests areas under sustainable management of improved protection and management leading to reduced GHG emissions and/or enhancement of carbon stocks.	0	<i>Total of 418.58 hectares of landholding surveyed and mapping</i>	<i>25,000 ha under climate friendly agriculture practices;  2,000 ha of laser land levelled</i>	<i>40,000 ha under climate friendly agriculture practices;  4,000 ha of laser land levelled</i>	
<b>Cross-cutting Indicator</b> Number of technologies and innovative solutions (including gender – friendly	0	0	<i>5,000 bio-digesters and 3000 compost huts introduced</i>	<i>12,000 bio-digesters and 6000 compost huts introduced</i>	<i>First and second biddings both failed..</i>

<i>technologies and solutions) transferred or licensed to support low-emission development</i>					
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**2.5 REPORT ON CHANGES DURING IMPLEMENTATION (include actual and expected changes)**

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## 2.6 IMPLEMENTATION CHALLENGES AND LESSONS LEARNED

Describe implementation challenges faced during the last reporting period, including measures adopted and lessons learned. If any issues have arisen in the last twelve (12) months of implementation that may result in a change to the scope and/or timing of the project, please provide a description of those items and how they have impacted the implementation period and final targets.

Challenge encountered	Type <sup>17</sup>	Measures adopted	Impact on the project implementation <sup>18</sup>	Lessons learned and Other Remarks
Long delays in mobilization of consulting teams due to (i) limited number of expressions of interest from firms; and (ii) multiple requests for extension of deadline to submit financial and technical proposals	Procurement	<ul style="list-style-type: none"> <li>• ADB provided advice on procurement to EA on a regular basis</li> </ul>	Minor / Solved	
Due to the intermittent nature of most positions in the TA contracts and the delays in project implementation, logically there is relative high turnover of national consultants	Consulting services	<ul style="list-style-type: none"> <li>• ADB always remind the consulting firm to reduced turnover of consultants</li> </ul>	Minor / Partially Solved	
COVID -19 (challenges noted in section 1)	Other	<ul style="list-style-type: none"> <li>• Allowed International consultants to work remotely</li> <li>• Increase inputs for national consultants</li> <li>• Fielded virtual meetings</li> </ul>	Major/ partially solved	
Delayed implementation on the rehabilitation of rainwater harvesting ponds and drip irrigation due to unresolved institutional arrangements on which agency to lead the activity	Other	<ul style="list-style-type: none"> <li>• Institutional arrangements raised during PSC.</li> </ul>	Major/Not solved yet	

<sup>17</sup> Implementation; Legal; Financial; Environmental/Social; Political; Procurement; Other; AML/CFT; Sanctions; Prohibited Practices.

<sup>18</sup> Minor/Solved; Moderate; High.

<p><i>Both MOWRAM and MRD have complained about insufficient time-allocations for team leaders, technical- and social safeguard staff for the CS05 and CS01 teams to implement the irrigation and farm-road programs as planned</i></p>	<p><i>Project Design</i></p>	<ul style="list-style-type: none"> <li>• <i>VO to CS05 contracts</i></li> <li>• <i>VO to CS01 contracts</i></li> </ul>	<p><i>Minor / partially solved</i></p>	
<p><i>Capacity to comply with safeguards requirements</i></p>	<p><i>Safeguards</i></p>	<ul style="list-style-type: none"> <li>• <i>VO to CS05</i></li> <li>• <i>ADB hired the independent verification party</i></li> <li>• <i>ADB to provide training</i></li> </ul>	<p><i>Major/ partially solved</i></p>	



## SECTION 4: REPORT PROJECT SPECIFIC ON ENVIRONMENTAL AND SOCIAL SAFEGUARDS &amp; GENDER

## 4.1 IMPLEMENTATION OF ENVIRONMENTAL AND SOCIAL SAFEGUARDS AND GENDER ELEMENTS (max 1 page)

Please provide information on the project or programme on the following: (1) key risks and impacts as identified; (2) compliance with applicable laws and regulations including FAA conditions and covenants; and (3) progress in the implementation of environmental and social management plans and programs including monitoring activities undertaken during the implementation of the funded activity.

Provide a report on the progress made in implementing environmental and social management plans (ESMPs) and frameworks (ESMFs) describing achievements, and specifying details outlined in the tables below.  
Implementation of management plans and programmes

(i) activities implemented during the reporting period, including monitoring	(ii) outputs during the reporting period	(iii) key environmental, social and gender issues, risks and impacts addressed during implementation	(iv) any pending key environmental, social and gender issues needing accredited entity's actions and GCF attention						
Social safeguard	<p>1. The main developments are:</p> <p>MAFF</p> <p>AWP 2020 program</p> <p>a) 3 Mechanization Engineering Workshop (KPT, KPC and TBK) + 3 Provincial Agricultural Development Center (PADC), (TK, KPC and TBK) in one DDR covering 6 subprojects (3 MEW &amp; 3 PADC) were approved already by ADB. There is no any issue related to social safeguards during the construction.</p> <p>b) 20 units of AC Storages/ Warehouses owned by 20 ACs for 4 provinces (5 in each province), in one DDR were already approved by ADB and during the construction there is no any issue related to the social safeguards.</p> <p>c) 35 units of AC Storages / warehouses in one DDR owned by 35 AC (8 in KPT, 13 in Takeo, 10 in TBK and 4 in KPC). The DDR will be required to take further action to comply to the ADB requirement as shown in the bellow text.</p> <p>d) 500 Bio-digesters and 250 Compost Huts, 4 provinces will be started in one DDR preparation from early May 2022 and resubmitted to ADB with some updated sections since 2<sup>nd</sup> week of December (it is being reviewed by ADB social safeguards team).</p> <p>AWP 2021 program</p> <p>a) In this reporting period includes 55 units of AC storages/warehouses contains with 2 separated DDRs, the 1<sup>st</sup> DDR covers 20 units of AC Storages/warehouses and was already approved by ADB, it is currently ongoing of civil works while the 2<sup>nd</sup> DDR covers 35 units of AC storages/warehouses and currently it is under the review by ADB, and another separated DDR covers of 12 units was submitted to ADB by 2<sup>nd</sup> week of December 2022, it is being reviewed by ADB.</p> <p>b) The DDR-2 for a total of 20 agricultural cooperatives (AC) with 20 units of storages/warehouses was already approved by ADB and uploaded in ADB website in August 2021 (<a href="https://www.adb.org/projects/documents/cam-48409-002-sddr-1">https://www.adb.org/projects/documents/cam-48409-002-sddr-1</a>), this DDR covering of Warehouse/Storage (5 subprojects/province) KPT, TK, KPC &amp; TBK.</p> <p>Social Safeguard progress Status AWP 2020 and 2021 Sub-projects MAFF</p> <table border="1"> <thead> <tr> <th>No</th> <th>Subprojects and Social Safeguards Report</th> <th>Status up to End of December 2022</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Construction of Training Building for Provincial Agriculture</td> <td>DDR (Approved by</td> </tr> </tbody> </table>			No	Subprojects and Social Safeguards Report	Status up to End of December 2022	1	Construction of Training Building for Provincial Agriculture	DDR (Approved by
No	Subprojects and Social Safeguards Report	Status up to End of December 2022							
1	Construction of Training Building for Provincial Agriculture	DDR (Approved by							

		Development Center (PADC) and Equipment in Takeo province, Tbong Khmum province, Kampong Cham province	ADB) on 30 Jul 2021						
2		Construction of Mechanization Engineering Workshops in Kampot Tbong, Kampong & Kampong Cham provinces							
3		Construction of Agricultural Cooperative Storage/Warehouse 20 Units in Kampot, Takeo, Kampong Cham & Tbong Khmum (5 units each province)	DDR (Approved by ADB on 25 Jun 2021)						
4		Construction of Agricultural Cooperative Storage/warehouse 35 Units in Kampot, Takeo, Kampong Cham and Tbong Khmum	See Para C above						
5		Installation and Commissioning of 500 Biodigesters and 250 Compost Huts in Kampot, Takeo, Kampong Cham & Tbong Khmum	Submitted to ADB in 4 <sup>th</sup> week of Jul 2022 (25 <sup>th</sup> ) and resubmitted to ADB in 2 <sup>nd</sup> week of December 2022, currently it is reviewed by ADB social safeguards team						
6		Construction of Agricultural Cooperative Storage/warehouse 12 Units in Kampot, Takeo, Kampong Cham and Tbong Khmum	Submitted to ADB in 2 <sup>nd</sup> week of December 2022, currently it is reviewed by ADB						
<p><i>Irrigation Program</i></p> <p>a) Of the 9 irrigation sub-projects of AWP 2020 there are 8 irrigation subprojects classified as category C for IR while another subproject namely (Trapeang Tros) was classified as Cat B, these Batch 1 9 irrigation subprojects were prepared in 3 DDRs and 1 DRP, 1<sup>st</sup> DDR covered Trapeang Run which was already approved by ADB and uploaded in the ADB website "<a href="https://www.adb.org/projects/documents/cam-48409-002-sddr-2">https://www.adb.org/projects/documents/cam-48409-002-sddr-2</a>", 2<sup>nd</sup> DDR covered Toul Pring and Kbal Tuek two irrigation subprojects in TBK and the report (DDR) was already approved by ADB and uploaded in the ADB website "<a href="https://www.adb.org/projects/documents/cam-48409-002-sddr">https://www.adb.org/projects/documents/cam-48409-002-sddr</a>", 3<sup>rd</sup> DDR covered Prey Kdouch and Kraing Empil 2 irrigation subprojects in Takeo, the DDR has already approved by ADB and uploaded in the ADB website <a href="https://www.adb.org/projects/documents/cam-48409-002-sddr-3">https://www.adb.org/projects/documents/cam-48409-002-sddr-3</a> and 1<sup>st</sup> DRP covers Trapeang Tros irrigation subproject in TBK which is currently reviewed by ADB, submitted from GDR in 2<sup>nd</sup> week of Jun 2022, other two DDRs (1 DDR covers Takoch scheme in Kampot and another 1 DDR covers Pram Kumpheak and O'kamprok which are currently under the review by ADB social safeguards team.</p> <p>b) Two subprojects in Kampong Cham, namely O'kamprok and Pram Kumpheak (CW14-B and CW14-A), are currently being reviewed by ADB in late December 2022.</p> <p>2. <i>Irrigation sub-projects 2022</i></p> <p>a) CFAVC-MOWRAM-KPT-CW12.2 covers 3 subprojects namely 1) Kandoal Feeding Canal, 2) Bravoek Pong Reservoir Scheme and 3) Trapeang Boeung Reservoir Scheme located in Kampot.</p> <p>b) CFAVC-MOWRAM-TBM-CW13.2 covers 2 subprojects namely 1) Tboung Damrei Reservoir Scheme and 2) Kampong Raing Feeding Canal located in Tbong Khmum.</p> <p><i>Social Safeguard progress Status Irrigation Sub-projects</i></p> <table border="1"> <thead> <tr> <th>No.</th> <th>Subproject Name</th> <th>Province</th> <th>Status FS and DED</th> <th>Current Implementation Status</th> </tr> </thead> </table>					No.	Subproject Name	Province	Status FS and DED	Current Implementation Status
No.	Subproject Name	Province	Status FS and DED	Current Implementation Status					



AWP 2020 program				
1	Trapeang Run Reservoir Scheme	Kampot	Completely	Completed civil work
2	Kbal Teuk Reservoir Scheme	Tboung Khmum		Ongoing civil works
3	Tuol Pring Reservoir Scheme			Ongoing civil works
4	Trapeang Tros Reservoir Scheme			Ongoing civil works
5	Pram Kompheak Reservoir Scheme	Kampong Cham		DDR approved by ADB Late Dec 2022
6	O'kamprok Feeding Canal			DDR approved by ADB 1 <sup>st</sup> week of Dec 2022
7	Prey Kdoch Reservoir Scheme	Takeo		Completion report is being prepared by DTL
8	Kraing Empil Reservoir Scheme			Completion report is being prepared by DTL
9	Takoch Reservoir Scheme	Kampot		DDR approved by ADB 1 <sup>st</sup> week of Dec 2022
AWP 2021 program				
10	Kandoal Feeding Canal	Kampot	Apr 22 & Prepared Biding Doc	Screening process by CS5
11	Bravoek Pong Reservoir Scheme			
12	Trapeang Boeung Reservoir Scheme			
13	Tboung Damrei Reservoir Scheme	Tboung Khmum	Feb 22 Under Bidding Process	Screening process by CS5
14	Kampong Raing Feeding Canal			
15	Teuk Char West Reservoir Scheme	Kampong Cham	Sept-Dec 22	Handed over to ITP for Validation 30 Jan. 23
16	Po Tatress Reservoir Scheme			
17	Chrouk1 + Phlov Touk Feeding Canal	Takeo	May-Jun 22	Handed over to ITP for Validation 30 Sept 22
18	Prey Romdeng Feeding Canal			
19	Kwaeng Tayee Feeding Canal			
AWP 2022 program				
20	Trapeang Ampil Reservoir Scheme	Tboung Khmum	Feb-Mar 23	Plan to be completion and submitted to ITP by 30 May 2023
21	Choam Taheung Reservoir Scheme			
22	Teuk Char East Reservoir Scheme	Kampong Cham	Jan-Feb 23	Handed DDR to ITP by 30 March 23

2 3	Pralay 95 Feeding Canal	Takeo	Jul-Aug 22	Handed DDR to ITP by 30 November 22
2 4	Pralay 42 Feeding & pumping Station			
2 5	O' Rumdoul Reservoir Scheme	Takeo	Apr-May 23	Handed DDR to ITP by 30 July 23
2 6	Sdok Sab Reservoir Scheme			
2 7	Pou Tasuy Reservoir Scheme			
2 8	Broteak Krola Reservoir Scheme	Kampot		Back up
2 9	Ta Oum Reservoir Scheme	Takeo		Back up

*Farm Road Program*

3. Reference is made to Annex 8. The present update status are shown in the 2 tables below:

**Table Error! No text of specified style in document..1: Social Safeguard progress Status farm Road program AWP 2020**

No	Province	Subproject name	Length (Km)	IR/IP Categorization	Status 31 December 2022
1	Kampot	Chhouk-Chum kiri-Chres- NR No. 3	11.90	Cat C, and the DDR is being process to get approval from ADB	<ul style="list-style-type: none"> <li>Got NOL from ADB and uploaded in ADB WWW on Aug 22 2021</li> <li><a href="https://www.adb.org/projects/documents/cam-48409-002-sddr-5">https://www.adb.org/projects/documents/cam-48409-002-sddr-5</a></li> </ul>
2		Wat Toul Phcheuk- NR No. 41	6.39		
3	Tboung Khnum	RN73-Khcheay-Wat Thmey	9.74	C	<ul style="list-style-type: none"> <li>This DDR was already uploaded in the ADB website in March 2022. The contractor has started the civil work. The Next SMR will describe in more details.</li> </ul>
4		Ta Pao-Sangkum Meanchey	12.00		
5	Kampong Cham	Toul Prak-Sambo-Sopheas	9.98	B	<ul style="list-style-type: none"> <li>NOL from ADB on 12<sup>th</sup> Apr 2022 (signed contract on 09 May 2022)</li> <li>NOL on Green zone by 22<sup>nd</sup> August 2022</li> <li>DRP was already uploaded in the ADB website in March 2022</li> <li>Compensation payment was already made</li> <li><a href="https://www.adb.org/projects/documents/cam-48409-002-sddr-4">https://www.adb.org/projects/documents/cam-48409-002-sddr-4</a></li> </ul>
6		Sopheas-Anglol-O'Beng	4.32		
7	Takeo	Phlov Lek 122 (Khloug Tvea Wat Totea)- Phlov Tonle Bati	10.00	B	<ul style="list-style-type: none"> <li>The civil works are ongoing</li> </ul>
8		Wat Ang Andaet-Rumchek-Kraing Ampil	4.67		
			71.0		

## Social Safeguard progress Status Farm Road program AWP 2022

No		Sub Project Name	Scope of Works	Length	AC name	Status
1	Kampot	National road No 33-Wat Damnak Trayeung	Rural Road improvement (DBST)	5.310	Sen Han Chamroeun phal	DRPs are being prepared by GDR with support from CS5 social safeguards specialists
2		Wat Sovan Cholsar-O'Kandoal	Rural Road improvement (DBST)	6.440	Ratanak Polroth Samaki	
3		Prey Kraing Khang Cheung-Trapeang Chhuk-Spean Damnak Sokrom	Rural Road improvement (DBST)	6.600	Prey kraing Meanrith	
4		NR No.41-Snay Anhchet-Thlok Yul	Rural Road improvement (DBST)	3.830	Samaky Amatak	
		Sub-Total Kampot			22.180	
5	Takeo	Chi Moreas-Tapao	Rural Road improvement (DBST)	5.400	Kampeng Soksen Sambo	DRPs are being prepared by GDR with support from CS5 social safeguards specialists
6		Phlov Lek 132 – Phum Ang Trao – Phum Steung	Rural Road improvement (DBST)	8.250	Samaky Trapeang Kralanh	
7		NR No. 3-Trao Aem-Phum Steung	Rural Road improvement (DBST)	5.800	Baksey Rikreay	
8		NR No. 3-Yeay La-Trapeang Chak	Rural Road improvement (DBST)	3.400	Samaki Trapeang Chak	
9		Trapeang Srangae-Ang Thnoat Khang Lech	Rural Road improvement (DBST)	4.050	Trapeang Srange	
	Sub-Total			26,900		
10	Tboung Khmum	Plov Wat Chroul-Chamkar Ko-Kbal Thnal	Rural Road improvement (DBST)	8.150	Samaki Meanchey	DRPs are being prepared by GDR with support from CS5 social safeguards specialists
11		NR No.73-Sralab-Phum Smounh	Rural Road improvement (DBST)	5.500	Lngieng Meanchey	
12		Wat Angkeng- Phum Samreuy	Rural Road improvement (DBST)	4.900	Samaki Kak	
13		NR No.73-Kok Srok	Rural Road improvement (DBST)	2.830	Baitong Kok Srok	
14		Phlov Phum Popel	Rural Road improvement (DBST)	1.450	Akphiriek Ponhea Kraek Dambae	
15		NR No.7 – Andoung	Rural Road improvement	3.800	Ponhea Kraek	

		<i>Chrung</i>	<i>(DBST)</i>		<i>Rongroeueng</i>	
1		<i>Toul Chan-Khnong Pralay</i>	<i>Rural Road improvement (DBST)</i>	2.820	<i>Popel Meanchey</i>	
		<i>Sub-Total</i>		29,450		
1		<i>Andoung Snay- Sdok Thom</i>	<i>Rural Road improvement (DBST)</i>	3.930	<i>Akphivath Multhan Yeung</i>	<i>DRPs are being prepared by GDR with support from CS5 social safeguards specialists</i>
1		<i>Trapeang Kor (NR6)- Trapeang Thmar</i>	<i>Rural Road improvement (DBST)</i>	5.500	<i>Akphikwat Kaksikor</i>	
1		<i>Pou Sala Ti Mouy (NR70)- Sach Sour</i>	<i>Rural Road improvement (DBST)</i>	5.040	<i>Punlork Thmey</i>	
2	<i>Kampong Cham</i>	<i>Ampil Thum (No.7)- Sangkae</i>	<i>Rural Road improvement (DBST)</i>	7.770	<i>Samaki Baray Andong Aang</i>	
		<i>Sub-Total</i>	22.240	22,240		
				100,770		
<i>Environment</i>	<ul style="list-style-type: none"> <li>The Semi-annual Environmental safeguard monitoring report for July – December 2021 (SERM #3), was completed and approved by the ADB.</li> </ul> <p>MAFF:</p> <ul style="list-style-type: none"> <li>Conduct the Environmental Monitoring for the subprojects under MAFF including AC warehouses, training buildings for PDAC and mechanization workshops in Takeo province dated on 09 March 2022.</li> </ul> <p>Irrigation Program</p> <ul style="list-style-type: none"> <li>Conducting the environmental monitoring and training on the environmental mitigation measure Kraing Ampil and Prey Kdouch irrigation subprojects dated on 9 March 2022.</li> <li>Conducted the reviewing and commenting on IEE for Ta Koch Irrigation subprojects and submitted to ADB for final reviewing and commenting and further approving dated on 07 February 2022.</li> <li>Prepare the workplan and Environmental Categorization and Environmental code of conduct for rain water harvest pond in four target provinces (Kampot, Takeo, Kampong Cham and Tboung Khmum province).</li> <li>Provided guidance to the environmental specialist CS5 on the drafting of consolidated IEE for irrigation subprojects AWP 2021 schemes.</li> </ul> <p>Farm road program</p> <p>The activities progress as of reporting period for the Environmental safeguard under the MRD were:</p> <ul style="list-style-type: none"> <li>Preparation of the consolidated IEE report for the following road sub-projects under 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.</li> <li>And the draft consolidated IEE report preparations for these road sub-projects were completed the final draft (100%) , covering road length of about 100.77 km, and sent to the international environmental expert to final reviewing, and then submitted to ADB for viewing, commenting and approving, (</li> <li>Conducting the environmental monitoring and training on the environmental mitigation measure on the road subprojects in Takeo province dated 09 March</li> </ul>					

	<p>2022.</p> <p>Public Consultations</p> <p>In this reporting period there have been no public consultations on Project Consultation, Participation, and Information Disclosure.</p> <p>EMP Implementation During S1 2022</p> <p>Progress and Status of EMP Implementation this reporting period, as is shown in Table VIII.2 are:</p> <ul style="list-style-type: none"> <li>• Irrigation subproject package No. CFAVC-MOWRAM-TBK-CW13-1</li> <li>• Irrigation subproject package No. CFAVC-MOWRAM-TEO-CW15-1</li> <li>• Rural Road subproject in Takeo province (Lumpong Kasikam Samaky and Sdok Sdom), package 1</li> </ul> <p>The CFAVC project uses the existing complaint mechanisms through the local administration village chief, commune chief in Trapeang Run and as well for all subprojects.</p> <p>There are two types of GRM, one team is for Category B established by GDR and was already established in 4 targeted provinces chaired by each provincial governor and for each PPIU assigned as member.</p> <p>Another team of GRM is for Category C subprojects, not involved to GDR, this was actually established by subproject classified as category C. such as Trapeang Run irrigation subproject, Toul Pring and Kbal Tuek irrigation subprojects, and other two road subprojects (Phlov Lek 122, Khlong Tvea Wat Totea) - Phlov Tonle Bati and Wat Ang Andaet-Rumchek- Kraing Ampil).</p> <p>Both category B and Category C GRM were also included in the 2021 annual monitoring report (Jan to Dec 2021) which has been submitted to the ADB.</p>		
<p><i>GAP Implementataion</i></p> <p><i>National level</i></p> <p><i>Work to implement the new GAP commenced on 1st January 2022.</i></p> <p><i>The first training workshop on New Gender Action Plan for Provincial EAs /IAs on October 25&amp; 26, 2022. H. E. Mrs. Hor Malin, chair of the Gender and Child care working group in MAFF, and key ministerial staff will also attend in the training workshop.</i></p> <p><i>The training on Gender for Agricultures Cooperative (ACs) and women Farmers Network (WFNs) in the four-target province and 4 Value Chain on (Casava, Maize, Rice and Mengo) started at commune level from 01 to 30</i></p>	<p><i>Target achieving 12 (86%) out of 14 targets were on track, 2(14%) targets were off-track. And the action achieved 6 (86 %) out of 7 Actions were on track, 1 (14%) were off-track. Substantially Achieved – however, for the purpose of assessing gender equality results, it is still counted as not achieved.</i></p> <p><i>A 2-day training was participants 53 (30 females or 56%). Gender Focal person, women farmer network and related staff in the CFAVC project are are involve and improved knowledge and capacity in facilitate gender mainstreaming concerns into climate change investments at policy and operational levels.</i></p> <p><i>239 participants (137 female or 57%) of the Women Farmers Network, local authorities and beneficiaries gained additional basic gender knowledge and had</i></p>	<p><i>The National Gender Consultant's input was cut to 75% starting from September. That means the consultant will work 3 weeks a month instead of 4 weeks. That will affect spot-checks and on-site missions, particularly for construction works.</i></p> <p><i>The international Gender Consultant's input was increased with 1.56 months until project end in 2024. The increase will allow the consultant to maintain an average of 2 working days a month, which is an improvement compared to previous inputs, which basically gave the consultant app. 0.5 days a month.</i></p> <p><i>Women are also perceived to be limit in capable of making a decision and contribution because they are either illiterate, busy house work, or lack technical skill in the ACs and communication/ negotiating skills and the</i></p>	<p><i>A major pending issue is the delays in apporval of VO14 of the CS01 consultancy contract in which the budget for the gender study in the 4 value chimns ios reduced form Us 100,000 to US 68,000</i></p> <p><i>The VC study is important for the Gender Analysis and also to get more comprehensive data on how the project is progressing from a Gender perspective.</i></p> <p><i>A clear way forward was discussed on a meeting on 31st March 2022 with a MEF representative, including a subsequent PRC request letter submitted by the PD to MEF for the desk study approval.</i></p> <p><i>For the VC study a similar</i></p> <p><i>All paper work than the NEW budget (please see above)ToRs etc. For launching a tender or finding a consultancy who can carry out these assignments – are ready to launch, however it remains to be seen when implementation will happen</i></p>

<p>November 2022 by GFP/ PPIU MAFF with back stopping and observation all training activities and instruction of the training report to GFP at commune level in the 4 target provinces by National Gender Specialists. All GFPs and keys person from PMU / PPIU/ ACs/ WFNs were attend to the training, given the ideas notice of the training.</p> <p>The AWPB 2023 is already being worked on and will be reflected in the next Semi-annual report covering January 2023-March 2023.</p> <p>Continuous work to support the implementation of the new GAP.</p> <p>At Provincial level</p> <p>The national consultant carried out 6 time of missions to follow up mostly on implementing the new GAP. missions were 2 time for Road, ACs and irrigation GAP training in kampong Charm and Kampot province and 4 time in the target province in purpose of Back stopping and observation training activities of the GFP at commune level</p> <p>GFP/PPIU and other related institutions jointly conducted public consultative meetings on a gender core labore base approach, environmental and social safe guards and impact planning, gender responses and climate resilience of key project infrastructure for irrigation and road construction.</p> <p>The National Gender</p>	<p>an opportunity to discuss gender issues and each other's experiences in ACs work and livelihoods. The GFP improved more the additional basic knowledge on gender and have the opportunity and capacity to disseminate all of the project input in to beneficiary and gender mainstreaming to commune authority, beneficiary and stakeholders with trust and confident.</p> <p>AWPB 2023 are intergrated in the CS2 component under MAFF. This has been agreed by the PD on 17th Oct 2022 to put the AWBP 2023 on Gender into the CS02 component while using the PMU budget. This has been made in order to avoid delays in the implementation of the GAP,</p> <p>All GFPs seem to have a better grasp on how to use GAP monitoring maktrix formate, and what the 14 targets and the 7 actions in the new GAP means and reducing the work burden specifically on the national consultant to answer questions from GFPs on how to use the GAP, which is freeing up valuable time to help with other things, such as capacity building of ACs and WFN etc.</p> <p>The consultant met with contractors, AC leaders and WFNs in all of project construction . In all meetings, constant highlighting how women will need access to skilled labour, general gender awareness, child care, above, protection from diseases, drug, roles and responsibilities in agribusiness etc.</p> <p>186 participants (50 female or 27%) recived the training awareness disemination on the Gender Action plan and core labore standard base approach.</p>	<p>access to information, knowledge and skilled is still limited for both men and women.</p> <p>The major issues for the reporting period was the implementation of the new GAP, which is now being used by the Gender Focal Points (GFPs) and contractor, and data are in general coming in on time from GFP and for CS2 mostly not on times. However, some data columns are still either missing or weak in quality, and the 2 Gender consultants in CFAVC continue to assist the GFPs in this regard.</p>	<p>pending decision-making.</p> <p>It needs to be highlighted by the gender consultants that with the very limited input available for both (no more input for the International consultant, 25% deduction of input for the national consultant) coupled with a new GAP, that took a year to implement, increasing construction work, lack of clarity of important decision-making (e.g. please see above on VC+Desk Study), obviously impacts the quality of the work negatively. The same goes for data collection, verification of data, field visits, spot-checks, follow-up meetings with the construction company etc.</p> <p>Pending approval by ADB and MEF approval.</p>
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<p>Consultant worked with GFPs in all four provinces to address ACs/WFNs on progress in the CFAVC project, including inputs from CS5 (who conducted Focus Group Discussions informing farmers about road construction projects and obtaining their views on some of the inputs</p> <p>GFP/PPIU/CS2 joint conducted trainings, meeting, monitoring and follow up to FWUC representatives and local authorities such as meeting to review the FWUC statute and by-laws, FWUC Committees election, Official announcement to carry out the FWUC Statute and by-laws and Capacity building and training.</p> <p>Follow-up with construction works on 26 AC warehouses, road and irrigation construction subproject incl. gender sensitization, gender mainstreaming and women's roles and participation in construction work.</p> <p>Collaboration with other CS Packages as consultations, meetings and collaboration took place, also with other CS's, governmental staff etc.</p>	<p>1010 people participated (F441 or 41%) received the information of the road construction projects and obtaining their views on some of the inputs</p> <p>4338 participants (1429 female or 33%). The target achieve is less than GAP target set (33%),</p> <p>Contractors were also trained during the field missions by the National consultant. Sensitization also continues to take place. The number of work days are more or less the same as the previous reporting period, however, work is also only categorized 'unskilled' for women.</p> <p>26ACs warehouses under MAFF subproject with total about 15257 HHH, 1300FHH and 69147 person ( 33053 female or 48%).</p> <p>3 irrigation construction under MOWRAM in Takoch (Prey Takoch), Pram Kumpheak Reservoir and O Kamprok Feeding Canal with total about 2373 HHHs 11865 beneficiary ( 4554 female or 38%).</p> <p>MRD subproject for road construction total 284 skilled/ unskilled workers (64 female or 23 %). Of these, 195 Skilled worker (51 female or 26 %) and 97 Unskilled workers (30 female or 31 %) from villages commune. The unskilled worker are more than GAP target, which equals 31%)</p> <p>On 30th November 2022, CS01 Gender consultant met His Excellency Mr. Chan Daron (MRD) and contractor for a progress awareness meeting on</p>	<p>During rainy seasons when contractors stop working, many women migrate to the cities to look for work and basic income generating activities.</p>	
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	<p><i>Gender and comprehensive briefing on achievements, obstacles etc., H. E is showing keen interest in knowing more details about gender output with total 30 participants (7 females 23%)</i></p>		
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#### 4.2 GENDER ACTION PLAN

Reference is made to Attachment 3

#### 4.2.1 PROGRESS ON IMPLEMENTING THE PROJECT-LEVEL GENDER ACTION PLAN SUBMITTED WITH THE FUNDING PROPOSAL.

Activities/actions	Indicators	Baseline	Targets, including sex-disaggregated targets	Budget	Report on annual progress
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Please see Attachment 4 for the progress in the implementation of the gender action plan

Additionally, include a description of the actions undertaken towards increasing the relevant stakeholders' engagement in the project environmental, social and gender elements, and a list on the grievances received in the reporting period that will include at least the description of the grievance, the date the grievance was received, and the resolution of the grievance. Information below in this sub-section should be provided for all projects regardless of the E&S risk category for the project.

#### Implementation of the stakeholder engagement plan

(i) activities implemented during the reporting period, including monitoring	(ii) dates and venues of engagement activities	(iii) information shared with stakeholders	(iv) outputs including issues addressed during the reporting period
Pre-inception workshop	July 2019, Phnom Penh	Guidance on procurement, financial management, social and environmental safeguards and gender action plan	None
Inception Workshop	January 2020, Phnom Penh	2-day workshop with all project stakeholders Briefings on PPMS, procurement, financial management, social and environmental safeguards,	

#### Implementation of the grievance redress mechanism

(i) description of issues/complaints received during the reporting period	(ii) status of addressing issues/complaints
No complaints were received during the reporting period	The PMU on 09 December 2020 has sent a letter to each provincial implementation unit (PIU) with the request to nominate persons for the establishment of the Grievance redress committee.
	For the Trapeang Run sub-project, the Minister of MOWRAM issued an official statement on 23 November 2020 confirming land transaction for 30 affected households.
	In the Trapeang Run irrigation subproject, the 3 vulnerable af-



	<i>ected households who donated land voluntarily, were compensated in full on 9 January 2021.</i>	

#### 4.3 PLANNED ACTIVITIES ON ENVIRONMENTAL AND SOCIAL SAFEGUARDS

##### Environmental Safeguards:

- Continuation of activities as described above.

##### Social Safeguards:

Continuation of activities as described above.

##### Grievance Redress Mechanism (GRM)

Continuation of activities as described above.

#### 4.4 PLANNED ACTIVITIES ON GENDER ELEMENTS

Semi-annual GAP monitoring reports are produced, so below follows January to March 2022 +April to Sep 2022+ Oct to December 2022. Below are Yearly GAP Templates merged.

### SECTION 5: ANNEXES

**Annex 1.** Updated implementation timetable for the Funded Activity.  
**Updated implementation schedule following 18-months extension is attached.**

**Annex 2.** Accredited Entity compliance reports (self-assessment reports<sup>19</sup>, report on actions pursuant to Clause 18.02, if applicable<sup>20</sup>).  
**Not applicable**

### SECTION 6: ATTACHMENTS

**Attachment 1.** Unaudited/Audited financial statements (as required by FAA).

Audited Project Financial Statements (APFS) from MAFF, MOWRAM and MRD for the period 1 January 2020 to 31 December 2020, submitted in June 2021 (on-time and accepted by ADB).

**Attachment 2.** Interim/Final evaluation report (as required by FAA). **Not due until 2022.**

<sup>19</sup> In accordance with the AMA requirement in Clause 13.01 of the Accreditation Master Agreement, with the Fiduciary Principles and Standards, ESS and Gender Policy.

<sup>20</sup> Only applicable to International Accredited Entities. In accordance with the Monitoring and Accountability Framework, a report on its actions carried out or planned to be carried out pursuant to Clause 18.02 of the Accreditation Master Agreement.

## Attachment 3: Gender Action Plan (GAP)

Activities / Indicators / Targets	Responsibilities	Timeframe
<b>Output 1: Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient.</b>		
1.1: Women's time poverty and drudgery reduced through the provision of improved time-saving and gender-responsive infrastructure. OP 2.4		
1.1.1. 27 irrigation and water management systems targeting 15,000 ha and 25,000 households (with at least 50,000 women) rehabilitated (2017 baseline: 0) (DMF 1a OP 2.5.2) (Target:1)	PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; Design engineers	Q1 Y2-Q4 Y4
1.1.2. 12,000 additional biodigesters and 6,000 compost huts made operational, benefiting at least 80,000 persons, including at least 50% women, due to better air quality. (2017 baseline beneficiaries: 11,468 persons including 5,721 women). (DMF 1f. OP 2.4.1) (Target :2)	PMU MAFF (lead) and PPIUs; GDAHP	Q1 Y2-Q4 Y4
1.1.3. Women comprise at least 40% of participants <sup>21</sup> in consultation and planning activities, including participants from the Women Farmers Network <sup>22</sup> on the gender-responsiveness and climate resiliency of critical project infrastructure (aggregate basis). (2017 baseline: 30% female participation) (Target :3)	PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; Design engineers	Q1 Y2-Q4 Y4
1.1.4. At least 25% of workdays created by project activities will be awarded to women. <sup>23</sup> (Target :4)	PMU MAFF (lead) and PPIUs; MOWRAM; MRD; contractors of civil works	Q1 Y2-Q4 Y6
1.1.5. Skills training sessions provided to women on infrastructure related construction and rehabilitation, and operation and maintenance. <sup>24</sup> (Action :1)	PMU MAFF (lead) and PPIUs; GDAHP; MOWRAM; MRD; contractors of civil works	Q4 Y1-Q4 Y6
1.1.6. Involve at least 30% of women as active agents in the promotion campaigns on the use of renewable energy solutions. (Target :5)	PMU MAFF (lead) and PPIUs; GDAHP	Q4 Y1-Q4 Y4
1.1.7. As part of the promotion campaigns about biodigesters and other renewable energy solutions, raise awareness among women and men in the communities about the benefits for value chain improvement/climate change but also for greater gender equality (time saving, drudgery reduction, improved health). (Action :2)	PMU MAFF (lead) and PPIUs; GDAHP	Q4 Y1-Q4 Y4
1.1.8. Promotional materials developed and disseminated on biodigesters and other renewable energy solutions including awareness raising on how this addresses the disproportionate burden of household and care work carried out by women farmers, especially female headed households. (Action :3)	PMU MAFF (lead) and PPIUs; GDAHP	Q1 Y2-Q4 Y4
<b>Output 2: Output 2: Climate smart agriculture and agribusiness promoted</b>		
2.1: Gender equality in human development enhanced. OP 2.2		
2.1.1. 40,000 farmers, of whom 16,000 are women <sup>25</sup> , trained in CSA and agribusiness development skills, of which 50% are SRP compliant with direct links to millers and exporters (2017 baseline for SRP compliance) (DMF 2b. OP 2.2.1) (Target: 6)	PMU MAFF (lead) and PPIUs, MOWRAM, WFN	Q1 Y2-Q4 Y6

<sup>21</sup> The proportional representation of the female population in the subprojects is as follows: 54% in subproject 1; 47% in subproject 2; and, 48% in subproject 3. At present, women's participation in similar consultation and planning activities is 30%.

<sup>22</sup> Women Farmers Network was established in 2015 by MAFF and Oxfam across five regions in Cambodia, covering 24 provinces. It functions as a platform for dialogue about priority challenges women face as agricultural producers. WFN members are local leaders such as commune councils, ACs, or saving groups. At the end of 2021, there were 1057 WFN members across four project provinces (Kampot, Takeo, Tboung Khhum and Kampong Cham).

<sup>23</sup> Jobs awarded will be disaggregated by skilled/unskilled and type of work. Point of reference: in 2017, women's involvement in similar infrastructure related work varied from 17-46%.

<sup>24</sup> Training activities include, but are not limited to: small scale irrigation systems, wiring and steel bending, casting of concrete, preparing form work, grass planting, digging soil, carrying of sand and stone, cooking, cleaning and maintenance of tools and equipment (for construction work); masonry skills, brick laying, plastering and installing pipes (for bio-digesters and compost huts).

<sup>25</sup> Point of reference: In 2017, the female population by subproject areas was: 54% in subproject 1, 47% in subproject 2, and 48% in subproject 3, where almost all women were farming. In aggregate, 30% of the female participation were involved in similar activities.

Activities / Indicators / Targets	Responsibilities	Timeframe
2.1.2. 27 FWUCs/FWUGs made operational AND 500 FWUC/FWUG members, of which 30% are women, develop capacity to operate and maintain irrigation schemes (2017: 0) (DMF 2c. OP 2.2.1) (Target :7)	PMU MAFF (lead) and PPIUs	Q1 Y2-Q4 Y2
2.1.3. 30% of women farmers, including the WFN members, are involved in in the selection and multiplication of climate resilient crop varieties. (Target :8)	PMU MAFF (lead) and PPIUs; CARDI; WFN	Q4 Y1-Q4 Y6
2.1.4. Women represent at least 40% of participants in all capacity-building activities (trainings, demonstrations, study tours) supported by the project (aggregate basis). <sup>26 27</sup> (Target :9)	PMU MAFF (lead) and PPIUs, MOWRAM, WFN	Q1 Y2-Q4 Y6
2.1.5. Women represent 40% of increased labor pool of individuals who can operate agricultural machinery. (2017 baseline: 0) (Target :10)		Q4 Y1-Q4 Y5
2.1.6. Strengthen linkages between farms/cooperatives/enterprises and agribusiness industry, especially women-led and/or owned farms/enterprises and cooperatives with majority female members.(Action :4)	PMU MAFF (lead) and PPIUs; WFN	Q1 Y2-Q4 Y2
2.1.7. Female government staff make up at least 25% at the national level, and 20% at local level, of participants in capacity building activities on CFAVC (aggregate basis). <sup>28</sup> (Target :11)	PMU MAFF (lead) and PPIUs	Q1 Y2-Q4 Y6
<b>Output 3: Output 3: Enabling environment for climate friendly agribusiness enhanced</b>		
3.1: Gender equality in decision-making and leadership enhanced. OP 2.3		
3.1.1. Climate-smart and gender-responsive agribusiness policy <sup>29</sup> for target commodities, including a PPP framework focusing on agribusinesses formulated and approved. (2017 baseline: 0) (DMF 3a. OP 2.3.1) (Action :5)	PMU MAFF	Q1 Y2-Q3 Y1
3.1.2. Actively involve the MAFF GCWG, the sub-national Gender Focal Points (Province, District, Commune), and the WFN and the Agricultural Cooperatives as key partners in project implementation and monitoring, especially for the GAP activities. (Action :6).	PMU MAFF (lead) and PPIUs; MAFF CCPSU: sub-national gender focal points; WFN	Q2 Y2-Q4 Y7
3.2 Women's economic empowerment increased OP 2.1		
3.1.3. 50 staff, including 30% women <sup>30</sup> , from financial institutions trained in CSA and green finance. (2017 baseline: 0) (DMF 3c. OP 2.1.2) (Target: 12)	PMU MAFF lead) and PPIUs	Q1 Y2-Q4 Y6
3.1.4. 30 agribusinesses, including 30% women-led and/or owned <sup>31</sup> trained on green finance and CSA (2017 baseline: 0) (DMF 3d. OP 2.1.2) (Target 13)	PMU MAFF lead) and PPIUs	Q1 Y2-Q4 Y6
3.1.5. Raise awareness among women farmers/ cooperative members, women-led and/or owned enterprises, and female staff in financial institutions using adequate channels about existing credit facilities, green financing including crop insurance and required formalities to access these (Action :7)	PMU MAFF lead) and PPIUs	Q1 Y2-Q4 Y6
3.1.6. 20,000 households, including 20,000 women, provided with information on climate risk sharing instruments (2017 baseline: 0) (DMF 3e. OP 2.5.3) (Target: 14)	PMU MAFF lead) and PPIUs	Q1 Y2-Q4 Y6

26 Skills training will include, but not be limited to: (i) agricultural extension and technical capacity-building activities including those related to climate change adaptation and mitigation; (ii) trainings on how to operate and maintain a range of agricultural machinery; (iii), management (including leadership, negotiation) and business skills trainings; (iv) gender equality considerations in climate-friendly agribusiness value chains. Through every capacity building activity, the project will seek to raise awareness on the disproportionate burden of household and care work on women farmers, especially female headed households', which prevent them from accessing opportunities to enhance their skills and productivity.

27 Point of reference: In ADB's Rice Commercialization Sector Development Program (Rice-SDP), the target for women's participation in pilot on-farm trials and demonstrations is 50%; so far, the achievement is 47%. In ADB's Tonle Sap Poverty Reduction and Smallholder Development Project (TSSD), the target for women's participation in agricultural training is at least 50% and the achievements is more than 50%.

28 Through every capacity building activity, the project will seek to raise awareness on the disproportionate burden of household and care work on women farmers, especially female headed households', which prevent them from accessing opportunities to enhance their skills and productivity in all CFAVC skill areas including management and leadership roles.

29 Agribusiness policy will include gender analysis and recommendations on the value chains and key features of the MAFF Gender Policy.

30 Targeting 15 female staff in financial institutions trained in CSA lending and green finance.

Activities / Indicators / Targets	Responsibilities	Timeframe
<b>Output 4: Project Management and Gender-Specific Activities:</b>		
<p>4.1: PMU to appoint safeguards officer to also be responsible and accountable for gender, who will closely liaise with representatives from the MAFF GCWG at national level and from WFN, Agricultural Cooperatives and sub-national gender focal points (province, district, commune), and agricultural cooperatives as key partners in project implementation, monitoring and reporting.</p> <p>4.2: Prepare annual work plans to implement the activities of the GAP.</p> <p>4.3: Gender consultants (national and international) recruited to support GAP implementation, monitoring and reporting and to build the capacity of the GCPSU and gender focal points and PMU staff in gender analysis and mainstreaming.</p> <p>4.4: Relevant departments in MAFF, agricultural extension agents, local leaders and government officials, GCPSU and Gender Focal Points, and WFN to receive training on gender considerations in climate-friendly agribusiness value chains as central component of project capacity building activities.</p> <p>4.5: Collection and analysis of sex disaggregated data where relevant and included in project reports (DMF, GAP and PPMS).</p> <p>4.6: GAP implementation progress reports included in regular monitoring and reporting activities (at least semi-annually to ADB).</p>		

GAP = gender action plan; GCWG = Gender & Children Working Group; MAFF = Ministry of Agriculture, Forestry and Fisheries; PMU = project management unit; PPMS = project performance monitoring system; PPMU = provincial project management unit; WFN = Women Farmers Network; Note\*: Women-led and/or owned enterprises = enterprises with at least one of the following (i) at least 50% of senior managers are women, and/or (ii) at least 50% of enterprise ownership is controlled by women, and/or (iii) at least 50% staff are women.

## Attachment 4. Gender Action Plan Monitoring for the period of January - December, 2022

Date of Update: 31<sup>th</sup> December, 2022

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

**Country:** Cambodia

**Project No.:** 48409-002

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

**Approval and Timeline:** June 2018 to 2024

**Gender Category:** EGM

**Mission Leader:** Srinivasan Ancha

**Project Impact:** Agricultural Competitiveness Improved

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

The following Gender Action Plan Monitoring included 14 Target 7 Actions to promote women's voice and activities participants in the project activities.

Progress of GAP implementation as December 2022

- 5 (71%) out of 7 Actions were on track, 2 (29 %) were off-track
- 11 (79 %) out of 14 targets were on track and 3 (21 %) were off-track

<b>Gender Action Plan</b> (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	<b>Progress to date (Year 2021- 2022)</b> (This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g., number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	<b>Issues and Challenges</b> (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
<b>Output 1: Critical agribusiness value chain infrastructure improved and made climate resilient</b>		
Women's time poverty and drudgery reduced through the provision of improved time-saving and gender-responsive infrastructure. OP 2.4		
1.1.1 . 27 irrigation and water management systems targeting 15,000 ha and 25,000 households (with at least 50,000 women) rehabilitated (2017 baseline: 0) (DMF 1a OP 2.5.2) <b>Target: 1 (On - track)</b> <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; Design engineers <b>Time frame:</b> Q1 Y2 - Q4 Y4	<b>MAFF Program:</b> <ul style="list-style-type: none"> <li>• 12 potential ACs (Batch II) in the 4-target province with total 15257 HHS, 1300 FHHS with total 69147 person (33053 female or 48 %).</li> </ul> <b>MOWRAM program:</b> <ul style="list-style-type: none"> <li>• 17 FCWUs/FWUC with total 36,869 HHS 153,565 person (79,032 Female or 51 %)</li> <li>• In year 2021 to 2022 the construction covers 10 irrigation and water management 10 schemes with total <b>5810 ha, 17430HHHs, 9877FHHHs, 87150 benefited (49385female or 57%).</b></li> </ul> <b>Kompot Province:</b> 1. Trpeang Boeung Reservoir irrigation (800 ha, 2400 HHS	<ul style="list-style-type: none"> <li>• The total proposes for 11 irrigation subprojects, on was dropped due to under Urban Pressure (Ko Aet Reservoir)</li> <li>• Women are also perceived to be limit in capable of making a decision and contribution because they are either illiterate, busy house work, or lack technical skill in the construction &amp; communication/ negotiating skills.</li> <li>• The challenges of farmer face with</li> </ul>

	<p>1360 FHHs,12000 total benefited (female 6800 or 57%) 2. Kandori Feeding Canal, 650 ha ,1950 HHHs,1105 FHHs, 9750 benefited (females 5525 or 57).  <b>Takeo province:</b> 3. O' Rumdoul Reservoir 210ha ,630 HHHs, 357 FHHs, 3150 benefited (female 1785 or 57%).4. Sdok Sab Reservoir 300 ha ,900 HHHs,510FHHs,4500 benefited, (2550female or 57%) 5. Chrouk1 + Phlov Touk Feeding Canal 800 ha ,240 HHHs,1360FHHs,12000 benefited, (6800 female or 57%) 6. Kwaeng Tayee Feeding Canal 550 ha ,1650HHHs, 935 FHHs,8250 benefited, (4675 female or 57%) 7. Pralay 85 Feeding Canal 450 ha, 1350 HHHs,765FHHs,6750 benefited (3825female or 57%).  <b>Tbong Khmum:</b> 8. Tbong Damrey Reservoir 600 ha ,1800HHHs, 1020FHHs ,9000 benefited (5100female or 57%)9. Kampong Raing Feeding Canal 250 ha, 750HHHs, 425FHHs, 3750benefited (2125female or 57%)  <b>Kampong Charm:</b> 10. Teuk Cha Reservoir 1200 ha , 3600HHHs, 2040FHHs ,18000 benefited (10200female or 57%)  <b>MRD program:</b></p> <ul style="list-style-type: none"> <li>• The 2 of rural road subprojects (TBK6-3 and TBK6-5). The total length is 21.744km with total 3108 HH 14614 person (8314 female or 57%).</li> </ul> <p><b>Additional Information from GFP:</b></p> <ul style="list-style-type: none"> <li>• Meeting and awareness on water management system and training with total 1472 participants (501 female or 34%).</li> <li>• Conducted follow up planted Maize and rice fields demonstrations harvested, application of fertilizer on rice fields, 19 Mixed rice varieties show production of yielded and ACs Established product groups and beneficiary data, demonstrated cross-pollination and the second application of fertilizer was made with 16 yields of rice with total 7.7 ha were planted Maize and Rice, 43 HHS, 16 FHHs with total 325 participants (235 female or 84%)</li> </ul>	<p>lower price of their product and Price is fluctuated every year, especially during harvest time.</p>
<p>1.1.2 12,000 additional biodigesters and 6,000 compost huts made operational, benefiting at least 80,000 persons, including at least 50% women, due to better air quality. (2017 baseline beneficiaries: 11,468 persons including 5,721 women). (DMF 1f. OP 2.4.1)  <b>Target: 2 (Off- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) &amp;PPIUs; GDAH  <b>Time frame:</b> Q1 Y2– Q4 Y4</p>	<ul style="list-style-type: none"> <li>• CS2 component /PPIU / ACs team conducted 29 times monitoring &amp; evaluation on the biodigesters and compost huts operational, dissemination the importance and introduce the promotion, marketing of using bio-digester and gender mainstreaming was integrations to community and beneficiary families' participants, especially focus on women with total 431 participants (174 female or 40%). The women participants are less than GAP target set.</li> <li>• CS2/PMU/PPIU/ GDAH conducted 120 small group meeting, field coaching, monthly progress and quarterly technical meeting for extension &amp; seeking the interest clients and marketing with total 2906 participants (1547 female or 53%).</li> <li>• <b>CS2/ PMU/PPIU conducted</b> on Information folders, manuals, booklets and other extension material, promotion and marketing extension (posters, promotion leaflets and other promotion materials, small group meeting for extensions &amp; seeking the interest clients, Commune &amp; provincial workshops</li> </ul>	<ul style="list-style-type: none"> <li>• 50% of community are interested on Bio-digester used, but they need more discussed internal families related to the budget furthermore the villages commune has electricity and difficult to find the manure, The Bio-digester high-cost and most of community used gas they request for the price of the Bio-digester and compost for \$ 250.</li> <li>• Delayed construction of biodigester and compost hut cause potential farmers change their mind and postponed the activities.</li> </ul>

	<p>on project dissemination, identification and selection clients, Coordination, Internal exchange visits on-site learning and field practices to EWs, key farmers, and monitoring meeting with relevant stakeholders (on marketing mechanism Research and development pilot on use of the biodigester and compost hut construction m) with total <b>4179</b> participants (<b>1936</b> females or <b>46%</b>)</p> <ul style="list-style-type: none"> <li>• 58 Bio-digesters made operational with total 575 persons (315 female or 58%).</li> <li>• 47 compost huts made with total 235 persons (235 female or 54%)</li> </ul> <p><b>Information from GFP:</b></p> <ul style="list-style-type: none"> <li>• 18 monitoring, follow up and disseminate, meeting the importance of using Bio-digester, the use of Bio-digester on mixed agriculture, 15 sample farmers set up shelving vegetables in process of harvesting and replanting with total 547 person (308 female or 56%) collecting data sex-disaggregate of interested, the real buyer and the operation in Bio-digester and composting Huts with total 1408 participants (710 female or 50 %)</li> </ul>	<ul style="list-style-type: none"> <li>• Female unskilled workers (from Poor households) are working on the construction site. Most of the work required high skills and use of machinery, hence women workers in the concrete work were less.</li> </ul>
<p>1.1.3 Women comprise at least 40% of participants in consultation and planning activities, including participants from the Women Farmers Network, on the gender-responsiveness and climate resiliency of critical project infrastructure (aggregate basis). (2017 baseline: 30% female participation)</p> <p><b>Target: 3 (On- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; Design engineers</p> <p><b>Time frame:</b> Q1 Y2 - Q4 Y4</p>	<p><b>MAFF program:</b></p> <ul style="list-style-type: none"> <li>• CS2 / PPIU/ PMU conducted 91 consultation planning and public meeting awareness on GAP to the community and the WFN to take advantage of Bio-digester and follow up the use of Bio-digester on mixed agriculture, network of WFNs (select farmers for mixed farming system). 5 times collect the information and select farmers for demonstration and to show the Bio-digester and compose Huts in year planning 2022 with total 1805 participants (956 female or 53 %) this targets more than target set.</li> </ul> <p><b>MAFF / MRD and MOWRAM Programs</b></p> <ul style="list-style-type: none"> <li>• The CS5 and CS1/ PIC and GFP /PPIU (MRD, MAFF and MOWRAM) conducted 187 time of the public consulting, small group meeting, follow up on irrigation/roads, warehouse and storage, aiming to integrating EGM into irrigation subproject, FWUCs and construction of AC warehouses. During construction stage, frequent meetings between the contractor, consultant, local authority and people are arranged to ensure that women and men participate in project activities. In sum with total 4521 participants (2912 females or 64%)</li> </ul> <p><b>Additional Information from GFP:</b></p> <ul style="list-style-type: none"> <li>• Joint conducted the dissemination the importance of using Bio-digester, consultation and planning meeting on Gender Response and Climate Resilience of the infrastructure, Sex- disaggregate data and information collection with select farmers for demonstration on Bio-digester and compose huts and follow up the use of Bio-digester on mixed agriculture to farmers' beneficiary and follow up the use and operation of bio-digester on mixed agriculture of the</li> </ul>	

	<p>WFNs (growing vegetables on the shelf and harvesting vegetables gradually) especially focusing on women with total 487 participants (267 female or 55%).</p>	
<p>1.1.4 At least 25% of workdays created by project activities will be awarded to women.  <b>Target: 4 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MOWRAM; MRD; contractors of civil works  <b>Time frame:</b> Q1 Y2 - Q4 Y6</p>	<p><b>MAFF Program:</b>  <b>Additional Information from GFP:</b></p> <ul style="list-style-type: none"> <li>• GFP/ National Gender specialist conducted followed up with the contractor and encouraged women in villages/ communes to work with the construction of the 26 warehouses at ACs warehouse and training building construction with total 854 workers (209 female or 24%, of these are skilled/Unskilled workers did 13506 workdays (3505 female or 26%). The target for skilled /unskilled female workers was meet the GAP project target of 25%.</li> </ul> <p>MRD subproject for road construction:</p> <p>Road construction contract package CW17b-CFAVC-MRD-TK4-2020 improve 1 Road 4.67 km and Road construction contract package CW17b-CFAVC-MRD-TK3-2020-Lot 1- Improvement 1 Roads 10km in <b>Takeo Province</b>. 2 Road construction contract package CW17d-CFAVC-MRD-KC7 2020-Lot 1 Improvement of Rural Road (9.882 km DBST/Concrete) and CW17d-CFAVC-MRD- KC8-2020- Lot 2 Improvement of Rural Road (4.721km DBST/Concrete) in <b>Kampong Charm Province</b>. Road construction contract package CW17c-CFAVC-MRD-TBK5-2020-Lot 2-Improvement 3 Roads <b>12.00</b> km and Road construction contract package CW17c-CFAVC-MRD-TBK-2020-5Lot -1 Improvement 1Roads - Improvement 1 Roads 9.774 km <b>Tboung Khmum Province. In sum total 611 skilled/ unskilled workers (127 female or 21 %). 14835 od the total workdays by skilled/ unskilled (2878 female or 23 %). The females equated for working days less than GAP target set, which equals 21 %</b></p> <p><b>MOWRAM program</b></p> <p>The irrigation construction subproject contract packages CFAVC-MOWRAM-TEO-CW15.1 with total 117 skilled/ unskilled workers (33 females or 28%). 12 Unskilled workers (12 female or 100 %) from villages. The total of 3276 workdays (924 female or 28 %), 336 were done by unskilled workers from villages (336 female or 100 %), which equals 58 %.</p> <ul style="list-style-type: none"> <li>• Specific terms are included in the Civil Works Contracts related to work and wage equality, prevention of child labour, and minimum of 25% of all /skilled unskilled workers need to be women. A monthly report of workers and their salaries with gender is prepared and monitored to meet the above requirement.</li> <li>• Tasks and activities performed by women and men:  <b>Men:</b> Operating machines, general measurements, making of formwork,</li> </ul>	<ul style="list-style-type: none"> <li>• Normally, unskilled women workers more involved in the construction works at the commune level.</li> <li>• The target of 25 % was partly met in the Construction for AC Storage Warehouse (50T), Training Building and Mechanization Building site because the construction was constructed at the Department.</li> <li>• The target of the women in the construction up and down it depends on the work activities change. If the work used by heavier machine it is less of women participant ( MRD Road construction)</li> </ul>



	<p>casting of concrete, steel bending, wiring, transporting of heavy work and control workers (incl. with use of machines).</p> <p><b>Women:</b> Small and light work such as wiring, curing water, mixing cement, cleaning of sites and cooking.</p> <p>No “child labor” is hired by the contractor since the project start.</p> <ul style="list-style-type: none"> <li>• 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.</li> </ul>	
<p>1.1.5 Skills training sessions provided to women on infrastructure related construction and rehabilitation, and operation and maintenance.</p> <p><b>Action: 1 (On- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; GDAHP; MOWRAM; MRD; contractors of civil works</p> <p><b>Time frame:</b> Q4 Y1 – Q4 Y6</p>	<p><b>Information from GFP:</b></p> <ul style="list-style-type: none"> <li>• Conducted sport check and follow up the construction warehouse and joint facilitated training courses for bio-digester and compost Huts with total 182 participants (50 female or 27%).</li> </ul> <p><b>CS2/ PMU/ PPIU /GDAHP conducted:</b></p> <ul style="list-style-type: none"> <li>• Meeting and group discussion with contractor company in follow up on the construction work for improving quality of the Bio-digester and conducted the National training on biodigester construction techniques and quality control, Training on M&amp;E of the biodigester and compost hut for PDAFF, field coaching and mention on promotion and marketing with total <b>1010 participants (441 females or 41%)</b></li> <li>• Refresher training of extension workers for biodigester and bio-slurry, agriculture community, biogas plant and bio-slurry management, Training on composting and its application to farmers and agriculture community, Internal exchange visit on-site learning and field practices to EWs, Training &amp; capacity building of the M&amp;E on biodigester and compost huts to PDAFF internal exchange visits on-site learning and field practices and pilot practice in use of the biodigester and compost hut construction 59 time with total 1784 (917 participants or 51 %).</li> </ul>	<ul style="list-style-type: none"> <li>• There was lack of women in community to participate in the construction because most of women are busy with their house, farm work and have also migrated to Phnom-Phen and even Thailand.</li> <li>• The contractor has committed to cooperate with village chiefs to get more women workers.</li> </ul>
<p>1.1.6 Involve at least 30% of women as active agents in the promotion campaigns on the use of renewable energy solutions.</p> <p><b>Target: 5 (On- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) &amp;PPIUs; GDAHP</p> <p><b>Time frame:</b> Q4 Y1 – Q4 Y4</p>	<p><b>Information from GFP:</b></p> <ul style="list-style-type: none"> <li>• Gender mainstreaming and intergradation in Bio-digester compost Huts use campaign, consultation, planning meeting, follow up and facilitating disseminations in the training of trainers on the construction techniques, monitoring Biodigester, use of gas fertilizer on agriculture mixers and management to commune-district with total 1499 participants (749 female or 50%).</li> </ul> <p><b>CS2/ PMU/ PPIU/ GDAHP conducted: S</b></p> <ul style="list-style-type: none"> <li>• The national workshops on biodigester and composting disseminations information, the National workshops on biodigester and sustainable rice platform, field monitoring and integrated farming demonstration on vegetable,</li> </ul>	

	TOT training on biogas plant, bio-slurry use and management for extension workers, National training on biodigester construction techniques and quality control and workshop on dissemination and integration for Policy of Biodigester development in Cambodia for national and provincial level for PPIU and PMU, internal exchange visit on-site learning and field practices to EWs, key farmers, potential farmers, collect data on interested of Bio-digester and composting Huts. <b>In sum total 1740 participants (521 female or 30 %).</b>	
1.1.7 As part of the promotion campaigns about biodigesters and other renewable energy solutions, raise awareness among women and men in the communities about the benefits for value chain improvement/ climate change but also for greater gender equality (time saving, drudgery reduction, improved health). <b>Action: 2 (On - track)</b> <b>Responsibilities:</b> PMU MAFF (lead) &PPIUs; GDAH <b>Time frame:</b> Q4 Y1- Q4 Y4	<b>Information from GFP:</b> <ul style="list-style-type: none"> <li>Conducted a presentation and integration gender mainstreaming in Biodigester compost Huts promotion, awareness and follow up the use of biodigester on mixed agriculture network of women farmers with facilitating and provide the importance Bio-digester use to the beneficiary in the target areas with total 510 participants (290 female or 57 %).</li> </ul> <b>CS2/ PMU/ PPIU and GFP joint conducted:</b> <ul style="list-style-type: none"> <li>Innovation &amp; value chain improvement- climate change by integration gender equality in the training to model farmers &amp; exchange visits and integrated farming demonstrations with total 76 participants (22 female or 29%).</li> <li>Bio-digester compost Huts promotion and follow up the use of bio-digester on mixed agriculture used, the gender mainstreaming were integrations with total 2912 participants (1623 female or 56 %). 50 % of the benefiting who used the Bio- digester and compose Huts used they have their livelihoods improved.</li> </ul>	
1.1.8 Promotional materials developed and disseminated on biodigesters and other renewable energy solutions including awareness raising on how this addresses the disproportionate burden of household and care work carried out by women farmers, especially female headed households. <b>Action: 3 (off-track)</b> <b>Responsibilities:</b> PMU MAFF (lead) & PPIUs; GDAH <b>Time frame:</b> Q1 Y2- Q4 Y4	<ul style="list-style-type: none"> <li>Provincial monthly Progress meetings, National coordination meetings, Field mentoring &amp; coaching and M&amp;E by PPIU and GDAH/PMU, Training on data entry and database management with total 276 participants (61 females or 23%)</li> <li>GFP/ PPIU joint conducted follow up and awareness the use of the Biodigester composes Huts materials to farmers' beneficiary in the target areas, especially focusing on women heads of households with total 438 participants (255 female or 58%)</li> </ul>	Delayed construction of biodigester and compost hut cause potential farmers change their mind and postponed the activities busy with their core.
<b>Output 2: Climate smart agriculture and agribusiness promoted</b>		
2.1 Gender equality in human development enhanced. OP 2.2		
2.1.1 40,000 farmers, of whom 16,000 are women, trained in CSA and agribusiness development skills, of which 50% are SRP compliant with direct links to millers and exporters (2017 baseline for SRP compliance) (DMF 2b. OP 2.2.1)	<b>Information from GFP joint:</b> <ul style="list-style-type: none"> <li>Conducted facilitations and monitoring with encourage ACs/ WFNs to participate in training courses on sustainable rice production with <b>total 113 participants (87 female or 77%).</b></li> </ul>	<ul style="list-style-type: none"> <li>Growing season, the farmers are busy with their produce and difficult meet them</li> </ul>

<p><b>Target: 6 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, MOWRAM, WFN  <b>Time frame:</b> Q1 Y2- Q4 Y6</p>	<p><b>The progress work joint implementation by CS2/PPIUs/ PMU&amp; GFP:</b></p> <ul style="list-style-type: none"> <li>• Conducted training to farmers on sustainable rice production (SRP), <b>CSA, farmers</b> on CamGAP practice and standard compliance for fruit crop-Mango, ACs boards on leadership and management, business plan and entrepreneurship, Book keeping and on annual report writing, O&amp;M of agricultural machinery, ACs business development skilled, planting of cassava and Maize and follow up of the rice yield seed production with <b>total 19432 participants (9716 female or 50%)</b>.</li> <li>•Promotion &amp; marketing to community beneficiaries with small group or village meeting to identifying and selecting interested clients, commune &amp; provincial workshops on project dissemination, identification and selection of clients, field coaching and mention on promotion and marketing with total <b>2757 participants (1516 female or 55%)</b>.</li> </ul>	
<p><b>2.1.2</b> 27 FWUCs/FWUGs made operational AND 500 FWUC/FWUG members, of which 30% are women, develop capacity to operate and maintain irrigation schemes (2017: 0) (DMF 2c. OP 2.2.1)  <b>Target: 7 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) &amp; PPIUs  <b>Time frame:</b> Q1 Y2- Q4 Y2</p>	<ul style="list-style-type: none"> <li>•CS2 /PMU/PPIU and FGP conducted training, meeting, monitoring and follow up to FWUC representatives and local authorities with total 597 participants (175 female or 29 %).</li> <li>•CS2 / PMU and PPIU with supporting from MOWRAM PMU/PPIU and FGP joint conducted meeting with local authorities and beneficiaries on the drafted FWUC statute for irrigation scheme and FWUGs elections, Capacity building and training included financial management/book keeping, administrative task trained, irrigation service fee calculation, planning trained, the minute taking and report writing trained and the conflict resolution trained with total 4338 participants (1429 female or 33%).</li> </ul>	<ul style="list-style-type: none"> <li>•There is no budget for manual translation from Khmer – English;</li> </ul>
<p><b>2.1.3</b> 30% of women farmers, including the WFN members, are involved in in the selection and multiplication of climate resilient crop varieties.  <b>Target: 8 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) &amp; PPIUs; CARDI; WFN  <b>Time frame:</b> Q4 Y1- Q4 Y6</p>	<p>GFP/PPIU/CS2 Conducted:</p> <ul style="list-style-type: none"> <li>• Follow up and observation field demonstrations on the rice fields facilitations and monitoring during and after the training courses on sustainable rice production (SRP) and Climate smart Agriculture and continuing session from previous (CSA) with total 7784 participants (4439 female or 57 %).</li> <li>• Field site selected on-field Maize seed demonstration with total 40 participants (21 female or 53%), On-farm adaptive trial and promising line trials seed demonstration with total 90 participants (34 female or 38%). In sum total 130 participants (55 female or 42%)</li> <li>• 10 demonstrations facilitate the survey of rice yield on KA 16 rice seed production in Krapum Chhouk commune, Koh Andet district and Kampeng commune, Kirivong district in Takeo province with total 30 participants (22 female or 73 %).</li> <li>• Training to farmers group on best management practice (BMP) of rice, cassava, and maize production-CARDI, On-field rice seed production demon-</li> </ul>	<ul style="list-style-type: none"> <li>•Vegetable growing techniques on the shelves limited with a low market price and the fertilized increasing price.</li> </ul>

	<p>stration, land preparation demonstration by Tractor or hand tractor (4ha only) and training Rice seed production technique with follow up Cassava Maize seed demonstration in 38 villages, 31 communes and 15 districts in the 4-target province. In sum total 1641 key farmers selected and participants (770 females or 47 %)</p> <ul style="list-style-type: none"> <li>• Meeting and awareness by encourage communities to participants in promote quality of selection and multiplication of climate resilient crop varieties and conducted Cassava Maize seed demonstration with total 741 participants (445 females or 60 %)</li> </ul>	
<p><b>2.1.4</b> Women represent at least 40% of participants in all capacity-building activities (trainings, demonstrations, study tours) supported by the project (aggregate basis).  <b>Target: 9 (Off- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, MOWRAM, WFN  <b>Time frame:</b> Q1 Y2 - Q4 Y6</p>	<p><b>CS2/ GFP PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• conducted model farmers demonstrated the production of 16 rice varieties to women representatives, model farmers land demonstrated the production preparation by tractor or hand tractor and follow up the acquisition of knowledge and skills from training, demonstrations, study tours and sharing experiences with community beneficiary and encourage communities, especially women to participate in agricultural activities of machinery control at the province level. In sum total 454 participants (253 females or 56%).</li> <li>• Training to Model farmers &amp; exchange visits, Support input for integrated farming demonstrations, quarterly technical meeting on quality control and biogas appliances, the National dissemination/ reflection workshops on biogas digester and compost hut. Meeting with technical working group on biodigester and bio-slurry and training on landscape restoration (farm mechanization) to the farmers on post-harvest technology with total 425 participants (235 females or 26%)</li> </ul>	
<p><b>2.1.5</b> Women represent 40% of increased labor pool of individuals who can operate agricultural machinery. (2017 baseline: 0)  <b>Target: 10 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, MOWRAM, WFN  <b>Time frame:</b> Q4 Y1 – Q4 Y5</p>	<ul style="list-style-type: none"> <li>• GFP conducted follow up and small group meeting with encourage communities to participate in agricultural machinery control activities at the commune level with total 60 participants (29 female or 48%)</li> </ul>	
<p><b>2.1.6</b> Strengthen linkages between farms/cooperatives/enterprises and agribusiness industry, especially women-led and/or owned farms/enterprises and cooperatives with majority female members.  <b>Action: 4 (On- track)</b>  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; WFN  <b>Time frame:</b> Q1 Y2- Q4 Y2</p>	<p><b>CS2 component / PPIU conducted:</b></p> <ul style="list-style-type: none"> <li>• A provincial consultation forum on mango at Trapeang Kranhung Commune, Tram Kak District with total 78 participants (18 female or 23 %).</li> <li>• Training for ACs boards on ACs business development and annual report writing, ACs boards on procedures for organizing crop producer groups, ACs boards on Journaling for Suppliers and Marketing for ACs with total 650 participants (136 female or 21%)</li> <li>• GFP joint conducted follow up the acquisition of knowledge and skills from training, presentations, study tours and share experiences to community members, on rice fields, Maize and data collection, selected field and pre-</li> </ul>	<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>

	pare land of the topical fertilizer on rice fields production Romduol and Malis seedlings transplanted. In sum total 874 participants (490 female or 56%)	
<p><b>2.1.7</b> Female government staff make up at least 25% at the national level, and 20% at local level, of participants in capacity building activities on CFAVC (aggregate basis).</p> <p><b>Target: 11)On- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs</p> <p><b>Time frame:</b> Q1 Y2- Q4 Y6</p>	<p>CS2 component /PMU/PPIU</p> <ul style="list-style-type: none"> <li>Conducted business forum on Maize crop commodities to PPIU-TBK with total 29 participants (3 female or 10%), the target is low than GAP set due to the used of the existing list and orientation on the green financing on how to access the green loan to PPIU in the 4-target province with total 74 participants (38 females or 51 %).</li> </ul>	
<b>Output 3: Enabling environment for climate friendly agribusiness enhanced</b>		
<b>3.1. Gender equality in decision-making and leadership enhanced. OP 2.3</b>		
<p>3.1.1. Climate-smart and gender-responsive agribusiness policy for target commodities, including a PPP framework focusing on agribusinesses formulated and approved. (2017 baseline: 0) (DMF 3a. OP 2.3.1)</p> <p><b>Action 5: (On -track)</b></p> <p><b>Responsibilities:</b> PMU MAFF</p> <p><b>Time frame:</b> Q1 Y2 – Q3 Y1</p>	<p>CS2/PPIU/ PMU</p> <p><b>GFP/PPIU:</b></p> <ul style="list-style-type: none"> <li>conducted consultation and planning meeting with WFNs on Gender Response and Climate Resilience of Key project Infrastructure with total 18 (6 female or 33 %)</li> </ul>	
<p>3.1.2. Actively involve the MAFF GCWG, the sub-national Gender Focal Points (Province, District, Commune), and the WFN and the Agricultural Cooperatives as key partners in project implementation and monitoring, especially for the GAP activities.</p> <p><b>Action: 6 (On- track)</b></p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MAFF CCPSU: sub-national Gender focal points; WFN</p> <p><b>Time frame:</b> Q2 Y2 - Q4 Y7</p>	<p>The GFP in Kampong Charm province conducted dissemination on gender mainstreaming in agricultural to community and beneficiary by encourage them the production and business planning with total 49 participants (22 female or 45%)</p> <ul style="list-style-type: none"> <li>On 22 September 2022, CS1/ PIC Gender (Int. National) was meeting with H.E Hor Malin to discussed and report on GAP implementation and issue implementation in GAP and main intervention result on GAP.</li> </ul> <p>Women access to markets and joint participation (job information, job-sharing) promote female labour force in the construction and other work. We consider interventions that 1. provide job placements through employers and changes in the hiring process 2. allow flexible working hours and working in the construction 3. provide economic incentives for women to work .4. foster equal rights for male and female employees (equal payment in equal work)</p> <p>GFP joint conducted dissemination on gender mainstreaming in the agricultural community to ACs / WFNs with total 267 participants (153 female or 57%)</p>	
<b>3.2 Women's economic empowerment increased OP 2.1</b>		
<p><b>3.2.1.</b> 50 staff, including 30% women, from financial institutions trained in CSA and green finance. (2017 baseline: 0) (DMF 3c. OP 2.1.2)</p> <p><b>Target: 12 (On- track)</b></p>	<p>CS2 /PMU/PPIU conducted:</p> <ul style="list-style-type: none"> <li>9 female or 20% out of 44 participants joint conducted the training need assessment on Green Financing orientation and training need assessment on GF and framework. This target less than GAP set due to use of the existing</li> </ul>	<ul style="list-style-type: none"> <li>Green Financing concept is seemed quick new for Cambodia context may need more awareness raising widely including out PMU and PPUI.</li> </ul>

<p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs <b>Time frame:</b> Q1 Y2 – Q4 Y6</p>	<p>list.  <ul style="list-style-type: none"> <li>On the job training of Plant Tissue Culture on Rose propagation through in-vitro culture, technical support or backstopping of GDA on training of farmers on SRP and CSA, the training need assessment on the green financing with 615 participants (346 females or 56%).</li> </ul> </p>	<ul style="list-style-type: none"> <li>Some activities have been delayed because late of budget dispensing from ADB and MEF.</li> </ul>
<p><b>3.2.2.</b> 30 agribusinesses, including 30% women-led and/or owned trained on green finance and CSA (2017 baseline: 0) (DMF 3d. OP 2.1.2) <b>Target: 13 (On-track)</b> <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs <b>Time frame:</b> Q1 Y2 – Q4 Y6</p>	<p>CS2 /PMU/PPIU conducted:</p> <ul style="list-style-type: none"> <li>Orientation on the green finance (CF) framework and work plan for PMU with total 20 participants (7 female or 35%). Four training orientations at Kampot, Takeo, Tbong Khmum and Kampong Cham on the green financing and how to access the green loan. Two training orientation to committees at Basey Rikray and Ordomb Soriya AC, Popel Commune, Tramkok District, Takeo Province. Four trainings on climate change, green business and GF were conducted. In sum total 185 participants (105 female or 57%).</li> <li>GFP Joint conducted training of farmers on climate smart agriculture (CSA) for rice, cassava, maize. Training of farmers on sustainable rice production (SRP), Training of AC and farmer group for Contract farming and Training of farmers on CamGAP practice and standard compliant for fruit crop-Mango, Orientation on the green finance (CF) framework and work plan for PMU cooperation with ABC, MFI and ARDB to implementation on the GF for agriculture sector with total 7034 participants (3923 females or 56%)</li> </ul>	
<p><b>3.2.3.</b> Raise awareness among women farmers/cooperative members, women-led and/or owned enterprises, and female staff in financial institutions using adequate channels about existing credit facilities, green financing including crop insurance and required formalities to access these <b>Action: 7 (off-track)</b> <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs <b>Time frame:</b> Q1 Y2 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>The activities in the process of reviewing existing relevant document and identify the crop insurance company such as FORTE Insurance Company to understand on the requirement and climate risks to access the crop insurance and Drafting training material and tool of sharing mechanism.</li> </ul>	<p>Green Financing concept is seemed quick new for Cambodia context may need more awareness raising widely including out PMU and PPIU.</p>
<p><b>3.2.4.</b> 20,000 households, including 20,000 women, provided with information on climate risk sharing instruments (2017 baseline: 0) (DMF 3e. OP 2.5.3) <b>Target: 14 (Off-track)</b> <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs <b>Time frame:</b> Q1 Y2 - Q4 Y6</p>	<p>CS2 /PMU/PPIU component conducted training on landscape restoration (farm mechanization) to the farmers on post-harvest technology and training of farmers on O&amp;M of agricultural machinery, Training of farmers on agriculture production conservation, Training of farmers on post-harvest technology with total 400 participants (140 females or 35%).</p>	<p>Some activities have been delayed because late of budget dispensing from ADB and MEF. The activities will be carried out in next coming month when approval from ADB and MEF.</p>
<p><b>Project management gender related activities</b></p>		
<p>4.1. PMU to appoint safeguards officer to also be responsible and accountable for gender, who will closely liaise with representatives from the MAFF GCWG at national level and from WFN, Agricultur-</p>	<p><b>MOWRAM program</b></p> <ul style="list-style-type: none"> <li>Irrigations sub project: 2 Contractor meeting and GAP orientation were conducted with total 89 participants (24 female or 30 %).</li> </ul> <p><b>MRD program</b></p>	<ul style="list-style-type: none"> <li>Preferably monthly meetings with relevant stakeholders. The civil work in the 3 Ministry become more and more, spend a lot of time to collected report</li> </ul>

<p>al Cooperatives and sub-national gender focal points (province, district, commune), and agricultural cooperatives as key partners in project implementation, monitoring and reporting.</p>	<ul style="list-style-type: none"> <li>• Road construction civil works: 3 time conducted contractor meeting and GAP orientation with total 150 participants (27 female or 18 %) this number less than target set due to the work used by machine and women are busy with their core work.</li> </ul> <p><b>MAFF Programs</b></p> <ul style="list-style-type: none"> <li>• 10 time conducted meeting with PDAFF/ PDRD and discussions with ACs management team, FWUCs/FWUGs to assessment the social conditions in the sub project with total 90 participants (32 female or 32 %).</li> <li>• All of ACs were create by PDAFF and the members of ACs are Women Farmers Network (WFN) agricultural products supplier. ACs have their own business such as save money, clean water, buy and sell safe vegetables, agricultural inputs, plowing, sell fertilizers, sell rice, weave, produce soap, vender trader, produce and sell natural fertilizers and rice seeds. The sources of ACs budget for implementation derived from shareholders and community business. The community well aware about the ACs activities. The main task of work for ACs members is rice production, animal husbandry, fruits and vegetables cultivating in the families, sell laborer.</li> </ul>	<p>from contractors site engineers and CSs.</p>
<p>4.2. Prepare annual work plans to implement the activities of the GAP.</p>	<p>Training manuals, for GFP and Key person in community, including gender awareness materials were prepared and will be disseminated in trainings October 22022.</p> <ul style="list-style-type: none"> <li>• On 17 October 2022, The National Gender Specialist was joint ABWP year 2023 with IAs/ EAs and PMU, the gender budget breakdown has been integrating in the CS2 component budget code for PMU.</li> <li>• GFP Team together with the Gender consultants has developed training workplan at commune level to ensure the best practice for them on integration of gender into CFAVC during field training.</li> </ul>	
<p>4.3. Gender consultants (national and international) recruited to support GAP implementation, monitoring and reporting and to build the capacity of the GCPSU and gender focal points and PMU staff in gender analysis and mainstreaming.</p>	<ul style="list-style-type: none"> <li>• on 25 to 29 April 2022 ( Kompot &amp; Takeo Province) &amp; 23 to 27 May, 2022 ( Kampong Charm &amp; Tbong Khmum Province) conducted follow up with GFPs at provincial levels with the aim of establishing a 'learning by doing' regards to the new GAP and prepare workplan and documentation for practical at community level for sex-disaggregate data collection of the new template by ensure the new GAP feeds into the PPMS with total 25 participants ( 7 female or 28 %)</li> <li>• On 25 &amp; 26 October 2022, CS1/ PIC Gender team (Int. National) conducted First Training Workshop on the new GAP for EAs / IAs and key Gender focal points (GFPs) ACs/WFNs at Provincial. Most of participants have already been trained in Gender at Tonle Basac Restauranter II Phnom-Penh. The workshop was open remark by H.E Hor Malin with total 53 participants (30 female or 56%). The training sessions will use power point presentations. They will pro-</li> </ul>	

	<p>vide to discuss and present their work to ensure that they fully understand the gender concepts and feel comfortable in training others. All training materials will be provided in Khmer.</p> <ul style="list-style-type: none"> <li>• The two-day training is structured in main parts of: <ol style="list-style-type: none"> <li>1. New Gender Action Plan (GAP) Implementation, Monitoring and reporting.</li> <li>2. Review and update provincial training proposals at the local level.</li> <li>3. Introduce training topics for practice at the local level such as seed selection related to crop production for the four value chains (maize, rice, cassava and mango) for community training.</li> <li>4. Budget for gender implementation at commune level.</li> </ol> </li> </ul>	
<p>4.4. Relevant departments in MAFF, agricultural extension agents, local leaders and government officials, GCPSU and Gender Focal Points, and WFN to receive training on gender considerations in climate-friendly agribusiness value chains as central component of project capacity building activities.</p>	<ul style="list-style-type: none"> <li>• To strengthen the capacity of Gender Focal Points (GFP) as trainers and ACs/ WFN / FWUCs/FWUGs and the communities following considerations in climate-friendly agribusiness value chains as central component of project capacity building activities were conducted: (i) conduct orientation on GAP to Key person in the commune (ii) provide TOT to Key person, with project's context, (iii) develop gender checklist, and (iv) sex-disaggregated data collection report in each training villages/commune.</li> <li>• Capacity building of GFPs through the support of knowledge and skills in the work of gender specialist and the opportunity to conduct gender activities at the community level directly with relevant project officers on gender mainstreaming and GAP implementation approaches, particularly for monitoring and follow up and collect sex data.</li> </ul>	<p>As the GAP is mirrored the DMF, thus there is no separate budget to implement GAP, and it is well-integrated in the project's budget allocation/plan, such as training, sharing of information, workshop and awareness programs and field work etc.</p>
<p>4.5. Collection and analysis of sex disaggregated data where relevant and included in project reports (DMF, GAP and PPMS).</p>	<ul style="list-style-type: none"> <li>• Meeting with the gender team, procurement specialist (MEF) and procurement specialist CS1, TL and DTL was organized aiming to obtain knowledge and kind of data from the project teams and to update the budget and plan for social study/Gender analysis/Value Chain analysis. The concept notes requested letter and budget for the study was shared to the TL on 28th February for reviewing and commenting and sending the finalized letter for PRC reviews and advices. The activity is reflecting GAP Project Management and Gender-Specific Activities.</li> <li>• Data obtained from GFP /PPIU and engineers on a regular basis</li> </ul>	<ul style="list-style-type: none"> <li>• Data received from CS2 component is not timely.</li> </ul>
<p>4.6. GAP implementation progress reports included in regular monitoring and reporting activities (at least semi-annually to ADB).</p>	<ul style="list-style-type: none"> <li>• Gender focal persons meet every month, and attend project meetings and visit construction sites to oversee the project implementation including women's participation and gender issues. Site managers understand of the GAP and Gender mainstreaming and they are instructed to monitor the work conditions for women in the construction work, it will also serve to attract and retain women as workers during a critical time of labor shortages in the construction.</li> <li>• Gender focal persons meet every month, and attend project meetings and visit construction sites to oversee the project implementation including wom-</li> </ul>	



en's participation and gender issues.

- During the site observation, action plan(s) were designated as being accountable for specific objectives and activities for Gender and women participant. However, the contractor responsible for ensuring that women participant process needs to be monitored to meet the contract bids agreement requirement.
- Site managers understand of the GAP and Gender mainstreaming and they are instructed to monitor the work conditions for women in the construction work, it will also serve to attract and retain women as workers during a critical time of labor shortages in the construction.

Comments/ Remarks:

Accomplished by: \_\_\_\_\_

Date Accomplished: \_\_\_\_\_

### Annual Budget workplan for Gender Year 2023 \_ MAFF

**Ministry of Agriculture Forestry and Fishery (MAFF)**  
**Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC) (RRP CAM 48409-002)**  
**ADB Loan No. 3661-CAM (COL), 8346-CAM (EF) and Grant No. 0579 (EF)**  
**Annual Budget Work plan for Gender year 2023 (MAFF, MOWRAM, MRD)**

No.	Description	Time	Responsible person	Unit	Quantity	Detail cost	Total (USD)	Remark
1	Second training (follow-up training) workshop on new GAP in for EAs/ IAs. The National workshop on the follow-up of the capacity building for new GAP for GFPs, PPIUs Staff and other involved stakeholders	August	International/ National Gender consultants	Training/ Workshop Course	1	10,000.00	10,000.00	Gender-responsive, participatory and inclusive needs for capacity building;
2	Gender refresher training/ building capacity of GFPs	June - August	International/National Gender consultants	Training/ Course	1	10,000.00	10,000.00	Follow up GFP at provincial level learning by doing
3	TOT refresher training based on training of December 2021 (TOT training on a gender action plan for Agricultural Cooperations, Women Farmer Network and Farmer Water User Committee)	June- July	International/National Gender consultants	Training/ Course	1	7,500.00	7,500.00	Gender training adapted to ACs WFNs (invited mango, Casava, Maize and Rice) (PP)
4	Training packet and handout materials	Feb- April	International/ National Gender consultants	Booklets	200	10	2,000.00	
5	Training on gender for ACs/WFNs in 4 provinces and 4 VCs	May- Dec	International/National Gender consultants/GFPs	ACs/WFNs	1	10,000.00	10,000.00	Gender training adapted to ACs WFNs (invited mango, Casava, Maize and Rice)
6	Training on gender for ACs/ WFNs 4 provinces 4 VCs (Venue, meals, other expenses)	May- Dec	International/National Gender consultants/GFPs	ACs/WFNs	16	375	6,000.00	field visited at community level

7	Follow up field visits to 4 VC in the 4 provinces, establishing Focus Group Discussions with farmers to assess progress, constraints and best practices. Findings to be incorporated in forward gender work on CFAVC	Nov-Dec	International/National Gender consultants/GFPs	FGDs	24	125	3,000.00	Assessment of the positive and Negatives of the project output at commune level
8	Dissemination meeting awareness and training of the Gender Mainstreaming for FWUGs/FWUCs at commune level	May-Dec	International/National Gender consultants/GFPs	FGDs	20	250	5,000.00	Assessment of the gender sensitive, positive and Negatives of the project output at commune level
9	Dissemination Meeting awareness and training of the Gender Mainstreaming for road at commune level	May-Dec	International/National Gender consultants/GFPs	FGDs	20	250	5,000.00	GFP implementation gender mean streaming at commune level
<b>Total</b>							<b>58,500.00</b>	

### Budget - CFAVCS Gender/Value Chain Study/Survey-Study

BUDGET	Unit	Quantity	Duration	Unit Cost in USD	Total in USD
<b>1. STAFFING COSTS</b>					
1 data manager/statistician (international or national)	person	1	65	150.00	9,750.00
1 Development economist/Value Chain analyst/expert (national)	person	1	65	150.00	9,750.00
2 Enumerator Supervisors (national)	person	2	16	125.00	4,000.00
10 Enumerators	person	10	14	100.00	14,000.00
per diem for all field trips	Lumpsum	16	16	25.00	6,400.00
<b>Sub Totals</b>					<b>43,900.00</b>
<b>2. Logistics</b>					
2 rented mini busses with drivers, insurance and fuel	Lumpsum	2	21	100.00	4,200.00
Rental of office space/electricity for 2.3 months (70 days)	Lumpsum	1	2.3	250.00	575.00
Office Consumables (Sim card, Top up for Enumerators, internet, paper for printer etc.)	Lumpsum	1	1	1,500.00	1,500.00
Insurance for all staff (core team, enumerators etc.)	Lumpsum	16	1	100.00	1,600.00
Consumables for hosting Focus Group Discussions, incl. refreshments,	Lumpsum	24	1	250.00	6,000.00

transport money for beneficiaries etc.	58	
<b>Sub Totals</b>		<b>13,875.00</b>
<b>Total Cost</b>		<b>57,775.00</b>
<b>3. Contingencies (10 %)</b>		
		<b>5,775</b>
<b>Grand Total (USD)</b>		<b>64,000</b>

**Other Attachments (if any).** Such as additional budget-related information, loan repayment schedules to GCF (interest/principal), equity investment schedules, other related reports relevant to the Funded Activity, statements of capital account, valuation reports, credit guarantee agreements, investor reports, and others, as specified in the relevant legal agreements (e.g. Funded Activity Agreement, Shareholders Agreement) **Not applicable.**