



Kingdom of Cambodia



Ministry of Agriculture,  
Forestry and Fisheries



GREEN  
CLIMATE  
FUND

## 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**

**QUARTERLY PROGRESS REPORT**

**Nr 1: January – March 2020**

**April 2020**

Prepared by



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

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

Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1

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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
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

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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
NCO	National Laboratory Coordinator
NGO	Non-government Organization
NSC	National Standard Council
NTD	National Technical Department

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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
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
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
UNFCCC	United Nations Framework Convention on Climate Change
WFN	Women Farmers' Network
WG	Working Group



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## **A. INTRODUCTION**

1 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) has implemented the Asian Development Bank funded, “The Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)” aimed at addressing the low value addition, low productivity and extensive use of natural resources by improving the competitiveness of agricultural value chains in Kampong Cham and Tboung Khmum province along the Greater Mekong Sub-region (GMS) southern economic corridor, and Kampot and Takeo provinces along the south coastal economic corridor. The project is focused on enhancing the climate resilience of critical agriculture infrastructure and facilitating commercialization of rice, maize, cassava, and mango production<sup>1</sup>. The project further aims to increase crop productivity and diversification; improve the capacity for storage, processing, and quality and safety testing; and promote the use of solar and bioenergy. It also plans to strengthen the technical and institutional capacity for climate smart agriculture (CSA) and create an enabling policy environment for climate-friendly agribusinesses.

2 This document is the first Quarterly Progress Report (QPR1) of the Project Implementation Consultants (PIC) including the contribution from the Consultants CS2 and CS5 for the Cambodia CFAVC Project covering the period January to March 2020. The project is funded by a loan from the Asian Development Bank (ADB), a grant and a loan from the Climate Green Fund (CGF), the Government of Cambodia and the beneficiaries. The aim of this report is to monitor on a regular basis the indicators and targets for outcome and outputs outlined in the project’s Design and Monitoring Framework (DMF) and against other targets and indicators such as the Loan- and Grant Covenants, Gender Action Plan (GAP), Social development and safeguards requirements and others.

## **B. PROJECT DESCRIPTION**

3 The CFAVC project has 3 outputs as follows:

4 **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 biodigesters, and 6,000 compost huts and use of solar energy in target cooperative areas) for value chain improvement.

5 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

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<sup>1</sup> Project Administration Manual, CFAVC, June 2018, ADB

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.

**6 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.

**7 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.

## **C. PROJECT AREA**

**8** 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.

## **D. PROJECT COSTS**

**9** The project cost is estimated at \$141.04 million. (i) From ADB \$ 130 million (a \$90 OCR million loan and from GCF sources a \$10 million loan and a \$30 million grant) (iii) \$ 3.66 million from beneficiaries and (iv) \$7.38 million from the Government of Cambodia. Both (iii) and (iv) can be in cash or in-kind.

## **E. PROJECT IMPLEMENTATION ARRANGEMENTS**

**10** The national level coordination is provided by a Project Steering Committee (PSC) which is chaired by MAFF (Secretary of State), vice chaired by the Ministry of Economy and Finance (MEF) with representatives from MOWRAM, Ministry of Industry, Science, Technology and Innovation (MISTI) (formerly Ministry of Industry and Handicraft (MIH)), Ministry of Rural Development (MRD), Ministry of Environment (MOE) and Ministry of Commerce (MOC).

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11 MAFF is the executing agency (EA) and responsible for overall project management, coordination and reporting and will host the PMU. The PMU has the responsibility for the day to day management, coordination and supervision of the project, as well as consultant recruitment, financing and fund flow, and the oversight of safeguard issues and measures. The PMU organization houses the project implementation consultants (PIC) – CS1, Capacity Building and Climate Smart Agriculture Consulting Firm (CS2) and Feasibility Studies & Detailed Engineering Design Consulting Firm (for irrigation and rural roads) – CS5 and has a full-time project manager and staff with responsibilities for finance, procurement, safeguards and monitoring and evaluation.

12 Specific MAFF implementation departments includes those within the General Directorate of Agriculture (GDA): National Agricultural Laboratory, Department of Agricultural Engineering (DAEng), and Department of Agricultural Cooperative Promotion (DACP). The General Directorate of Animal Health and Production (GDAHP) will have a role at central level. Support from GDA departments such as the Department of Rice, Department of Industrial Crops and Department of Agroindustry will also be critical. All these departments will serve as resource providers to the provincial activities, primarily within the remit of PDAFF sub-output responsibilities.

13 Although MAFF is the EA for the project, land acquisition and resettlement is mandated to the Inter-Ministerial Resettlement Committee/General Department of Resettlement (IRC/GDR) except for the preparation of LARF during the feasibility study. IRC has the mandate to review and evaluate the resettlement impact and land acquisition for public physical infrastructure development projects in the Kingdom of Cambodia. IRC is a collective entity, permanently chaired and led by MEF, with members from different line ministries. IRC will carry out its roles through a Working Group (IRC-WG) which will be established by MEF for this project. IRC is the approving authority for all RFs, RPs and DRPs prior to submission to the ADB for its approval. The General Department of Resettlement (GDR) is the permanent Secretariat of the IRC and the General Department of the MEF, and it is the lead agency for the preparation, implementation, monitoring and reporting of land acquisition and resettlement. GDR will be responsible for all land acquisition and resettlement activities, including grievance redress mechanism (maintenance of the Grievance Database, update and reporting) and preparing LARP Compliance report upon completing compensation payment/RP implementation for this project.

14 The IRC-WG will carry out the day to day land acquisition and resettlement activities under the project and led by the Deputy Director/Chief of the GDR and comprise of technical staff from PMU, GDR, the Ministry of Land Management, Urban Planning and Construction (MOLMUPC). The IRC-WG will be responsible for all the field work under the supervision of the Director of the GDR and overall guidance and direction of the Director General of the GDR.

15 CARDI and IRRI are responsible for the climate resilient variety development activities, but field demonstrations and trials will include full coordination with the PDAFF.

16 MOWRAM and MRD are represented in PMU which are staffed by project director, civil or irrigation engineers, financial officer, procurement officer and administrative officer, that can provide and coordinate national technical department (NTD) as well as financial and procurement activities and have a central level coordinating role. The PMU provides the necessary technical expertise relevant to that ministry's activities within the scope of the project.

17 A PPP Inter-Ministerial Committee (IMC) will be formed and chaired by MEF and will have a maximum ten representatives purely to review potential PPP agribusiness projects and will meet once every two months. The private sector related to the value chains will have an input through



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the business forums, federations and associations that will provide feedback and information to the proposed PPP to IMC and on to the steering committee. The forums, federations and associations can circumvent the IMC for non-PPP initiatives.

18 The climate smart agribusiness policy activity will be led by the working group that comprises representatives from the MAFF, MEF, MOC, MIH and MOE. As MEF is the EA of the ADB Rice Commercialization project which has sponsored a feasibility study on how best to approach and implement crop insurance activities, MEF will provide assistance to the crop insurance initiative and green financing. MEF is also working on and being supported by ADB on PPP initiatives.

19 Provincial technical support will be provided by the provincial project implementation units (PPIU) in each of the four provinces. The PPIU will be led by PDAFF Director and will be supported by the Deputy Directors of PDWRAM and PDRD, as well as officers in PDAFF related to Cooperative support and Provincial Agricultural Extension and GDAH being responsible for all activities related to biodigesters and bio-slurry activities. Administration support and drivers will also complement the PPIU.

## F. IMPORTANT EVENTS

20 In this reporting period the following important events occurred:

21 The ADB CFAVC Inception Mission visited the Project during 20 - 30 January 2020, the wrap up meeting concluded with agreed action plan in memorandum of understanding (MOU) between ADB and RGC on 30 January 2020. The agreed action plan concluded in MOU is presented in **Annex 1**.

22 The second PSC meeting was held on 28 January 2020. The minutes of meeting is attached in **Annex 2**.

## G. PROJECT PERFORMANCE M&E FRAMEWORK MATRIX

23 The project's Performance M&E Framework matrix is shown in **Table 1**. A detailed update will be submitted in the semi-annual PPMS reports.

**Table 1: Project Performance M&E Framework Matrix**

Performance Indicators (with Targets and Baselines) <i>(Col. 1)</i>	Data Sources/ Means of Verification <i>(Col. 2)</i>	Data Collection Method/Forms <i>(Col. 3)</i>	Timing and Frequency of Data Collection <i>(Col. 4)</i>	Responsible Person/Agency for Data Collection <i>(Col. 5)</i>
<b>Outcome: Water and Agriculture Productivity Enhanced in the Project Areas</b>				
By 2026: Increase in yields of rice, maize, cassava and mango of at least 15 %	MAFF agricultural senses	Household socioeconomic survey	Annually: (Jul 2020 – onward)	PDAFF supported by PMU MAFF
GHG emissions reduced by 240,000 tons of CO <sub>2</sub>	UNFCCC reports	UNFCCC		MAFF
At least 50 agribusinesses become more resource-efficient in terms of water savings	PPMS Reports, MAFF Annual reporting	Independent survey		MAFF

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<b>Output 1: Critical Agribusiness Value Chain Infrastructure Improved and Made Climate Resilient</b>				
1. Involve women and WFN in each individual event for all consultations and planning activities (W are 40% of participants– aggregate basis (point of reference: female population: 54% in subproject 1, 47% in subproject 2; and 48% in subproject 3; 30% female participation in similar activities currently)	Fieldwork reports, PPTA Gender Analysis, PPMS bi-annual progress reports	WFN consultation, FGDs	Bi-annually	CSI, CS2, CS5, MoWRAM, MAFF, MRD, GFPs, WFN, other relevant stakeholders
2. Involve women as active agents in the promotion campaigns on the use of renewable energy solutions (Woman are at least 40% of participants)	PPTA Communication and Participation Documents, PPMS reporting	WFN consultation, FGDs	Bi-annually	ICT, IA, MAFF, PDA, GFPs, other related ministries, local government, commune council, Village Chief
<b>1. Rehabilitation and Operation of Irrigation Schemes and made Climate Resilient</b>				
a) Number of schemes (at least 27)	PPMS bi-annually reports	Third Party Observation	Each quarter	MOWRAM/PMU/CS1
b) Area covered with improved irrigation and drainage (at least 15,000 ha)	PPMS bi-annually reports	Aerial imaginary	Annually	MOWRAM/PMU/CS1
c) Number of beneficiaries At least 25,000 households)	Third party survey	Household socioeconomic survey	At end of the project	CS1, CS2 , PMU
d) Of the beneficiaries more than 50,000 woman (i) Woman are 40% of participants– aggregate basis (point of reference: female population: 54% in subproject 1, 47% in subproject 2; and 48% in subproject 3; 30% female participation in similar activities currently)	PPMS bi-annual progress reports, District and Commune records, Census, Anecdotal information, MRD annual report	Community mapping exercise, community & separate sex FGDs	Each quarter	CSI, CS2, MoWRAM, MAFF GFPs, WFN
e) 27 FWUCs or FWUGs made operational and. 500 FWUC or FWUG members developed capacity to operate and maintain their irrigation system infrastructure (at least 30 % are women)	PPMS bi-annual progress reports MOWRAM Annual Progress Reports, FWUC documents	Sex-disaggregated questionnaire forms, separate sex FGDs	Bi-annually	CSI, CS2, CS5, MoWRAM, MAFF GFPs, WFN

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f) Number of schemes for which O&M plans have been developed	MOWRAM Annual reports	Third-party Observation	Annually	CS1, MOWRAM
g) Number of Schemes for which appropriate annual O&M budget has been made available	MOWRAM annual reports	MEF annual budget	Annually	MEF, MOWRAM
<b>2. Commissioning of On-farm Rainwater Harvesting Ponds</b>				
a) Number of on-farm rainwater harvesting ponds commissioned (at least 800)	Site screening data, PPMS bi-annual progress reports, contractor	Third-party Observation	Annually	CS1, CS2 PMU,
b) Number of female beneficiaries benefit from rehabilitated climate resilient water management (at least 50,000) systems	Site screening data, PPMS annual progress reports, socio-economic reports	Document review, Community & separate sex FGDs	Annually	CSI, CS2, PMU, GFPs, WFN
<b>3. Upgrading of Farm Roads to Climate Resilient Standards</b>				
a) Length of roads (at least 250 km)	PPMS bi-annually reports			
b) Number of female unskilled works employed for infrastructure construction (At least 25% of skilled and unskilled laborers) in similar infrastructure related work varies from 17% to 46%)	MRD annual report, PPMS annual progress reports, Sex-disaggregated daily work log records, construction reports	Sex-disaggregated questionnaire forms, Spot check and follow up with supervisors	Each quarter	NGS, CS2, GFPs, WFN, Site engineer supervisors, PMU MAFF and PPIUs;  MRD; civil works contractors
c) Number of roads for which O&M plans have been developed	MRD annual reports	Third-party Observation	Annually	CS1, PMU, MRD
d) Number of roads for which appropriate annual O&M budget has been made available	MRD annual reports	Annual budget MEF	Annually	MEF, PMU, MRD
<b>4. Equipping Agricultural Cooperatives with Adaptation Measures in Postharvest Infrastructure Investments</b>				
a. Number of agricultural cooperatives with adaptation measures (at least 80)	PPMS bi-annual progress reports, MAFF Policy, PPMS annual progress reports, MAFF Agricultural Co-op Reports,			

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<b>Performance Indicators</b> (with Targets and Baselines) <i>(Col. 1)</i>	<b>Data Sources/ Means of Verification</b> <i>(Col. 2)</i>	<b>Data Collection Method/Forms</b> <i>(Col. 3)</i>	<b>Timing and Frequency of Data Collection</b> <i>(Col. 4)</i>	<b>Responsible Person/Agency for Data Collection</b> <i>(Col. 5)</i>
b. Preferential support given to agricultural cooperatives with majority of female members.	PPMS bi-annual progress reports, MAFF Policy, PPMS annual progress reports, MAFF Agricultural Co-op Reports, Ag Co-op Committee Reports, PPTA Gender Analysis	Sex-disaggregated questionnaire forms, separate sex FGDs	Each quarter	CSI, CS2, MAFF Ag Co-op unit, GFPs, WFN
c. Number of ACs for which O&M plans have been developed	MAFF annual reporting	Field survey	Annually	CS2, MAFF
d. Number of ACs for which appropriate annual O&M budget has been made available	MAFF annual reporting	Field survey	Annually	CS2, MAFF
<b>5. Installation of Biodigesters</b>				
a. Number of bio-digesters installed (at least 12,000)	PPMS bi-annual reporting	Field survey	Bi-annual	CS2, PMU
b. Number of beneficiaries (at least)	PPMS bi-annual survey	Field survey	Bi-annual	CS2, PMU
c. Number of female beneficiaries (at least 40,000)	PPMS annual progress reports, MAFF and PPTA documents	Sex-disaggregated questionnaire forms, separate sex FGDs	Each quarter	CSI, CS2, MAFF GFPs, WFN, GDAHP
d. Number of bio-digesters for which O&M plans have been developed	MAFF annual reporting	Field survey	Annually	CS2, PMU
e. Number of bio-digesters for which appropriate annual O&M budget has been made available	MAFF annual reporting	Field survey	Annually	CS2, PMU
<b>6. Installation of Compost Huts</b>				
a. Number of compost huts installed	PPMS bi-annual progress reports	Field survey	Bi-annually	CS2, PMU
b. Number of beneficiaries (at least 80,000 persons)	PPMS bi-annual progress reports	Field survey	Bi-annually	CS2, PMU
c. Number of female beneficiaries (at least 40,000 W) baseline 5,721 W	PPMS bi-annual progress reports MAFF and PPTA documents	Sex-disaggregated questionnaire forms, separate sex FGDs	Each quarter	CSI, CS2, MAFF GFPs, WFN, GDAHP
d. Number of bio-digesters for which O&M plans have been developed	MAFF annual reporting	Field Survey	Each quarter	CS2, PMU
e. Number of bio-digesters for which appropriate annual O&M budget has been made available	MAFF annual reporting	Field Survey	Each quarter	CS2, PMU
<b>Output 2: Climate Smart Agriculture and Agribusiness Promoted</b>				

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Performance Indicators (with Targets and Baselines) <i>(Col. 1)</i>	Data Sources/ Means of Verification <i>(Col. 2)</i>	Data Collection Method/Forms <i>(Col. 3)</i>	Timing and Frequency of Data Collection <i>(Col. 4)</i>	Responsible Person/Agency for Data Collection <i>(Col. 5)</i>
1. Ensure relevant female staff participate in capacity building activities that are targeted at government officials at national and local levels with regard to climate-friendly agribusiness value chains (25% at national level and 20% at local levels women participants)	IAs Training Reports, NGS training reports, MAFF Annual reports, PPMS bi-annual progress reports	FGDs, Meetings	Bi-annual	PMU MAFF (lead) and PPIUs
<b>1. Release of Additional Climate friendly Rice and Maize Varieties</b>				
a. Number of new rice and maize varieties released (at least 3)	CARDI and IRRI Reports; PPMS Annual Progress Reports	CARDI and IRRI data collection and reports	Quarterly	CARDI and IRRI, CS3
b. (at least 40% women involved in the selection and multiplication of climate resilient crops varieties and build on their local information in this area)	CARDI documents, MAFF documents, PPMS annual progress reports	WFN consultation, FGDs	Each quarter	PMU MAFF (lead) and PPIUs; CARDI; WFN, CSI, CS2, GFPs
<b>2. Training of Farmers in Climate-smart Agriculture</b>				
a. Number of trainers trained (at least 16)	MAFF/GDA reporting; PPMS Annual Progress Reports	MAFF/GDA Reports and Data Collection; CS2 Reporting on PPMS	Quarterly	MAFF/GDA, CS2
b. Number of farms at which a drip irrigation schemes is installed	PPMS bi-annual reporting	Field survey	Bi-annually	CS1, CS2, PMU
c. Number of farmers trained (40,000 - at least 16,000 women) - rice, cassava, maize, mango	PDAFF Training Reports; PPIU Reports; PPMS Annual Progress Reports	PDAFF Reports; PPIU Reports; WFN consultation; FGDs	Quarterly	PMU MAFF (lead) with support from PDAFF, PPIUs, WFN, CSI, CS2, GFPs
d. 20,000 farmers are SRP-Compliant (8,000 women) with direct links to millers and exporters*	PDAFF Training Reports; PPIU Reports; PPMS annual progress reports; SRP Compliance Reports	PDAFF Reports; PPIU Reports; SRP-Compliance Reports; WFN consultation	Quarterly	PMU MAFF (lead) with support from SRP Focal Point at GDA; PDAFF; PPIUs; WFN; CSI; CS2; GFPs
e. 500 mango farmers trained in CAMGAP for mango (40% women)	PDAFF Training Reports; PPIU Reports; PPMS annual progress reports	PDAFF Training Reports; PPIU Reports; PPMS annual progress reports	Quarterly	PMU MAFF (lead) with support from GDA/Sanitary and Phytosanitary



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				Dept.; PDAFFs; PPIUs; CS2; GFPs
f. Training in O&M agricultural machinery (women 40% of increased labor pool)	PDAFF Training Reports; PPIU Reports; PPMS Annual Progress Reports	PDAFF and PPIU Reports; WFN consultation	Quarterly	PMU MAFF (lead) with support from PDAFF, PPIU, Dept. of Agr. Engineering; WFN; CS1; CS2; GFPs
<b>3. Training of Farmers in Agribusiness</b>				
a. Number of trainers trained (?)	PDAFF, PPIU, GDA reports; PPMS Reports	PDAFF, PPIU, GDA reports; PPMS Reports	Quarterly	GDA, PDAFF, PPIU, CS2
b. Number of Cooperative Management and Board Members trained (150)	PDAFF, PPIU, GDA reports; PPMS Reports	PDAFF, PPIU, GDA reports; PPMS Reports	Quarterly	GDA, PDAFF, PPIU, CS2
c.				
d. Number of cooperatives with improved agribusiness capacity (80)	PDAFF, PPIU, GDA reports; PPMS Reports	PDAFF, PPIU, GDA reports; PPMS Reports	Quarterly	GDA, PDAFF, PPIU, CS2
e.				
f. Training in O&M agricultural machinery (women 40% of increased labor pool)	PDAFF Training Reports; PPIU Reports; PPMS Annual Progress Reports	PDAFF and PPIU Reports; WFN consultation	Quarterly	PMU MAFF (lead) with support from PDAFF, PPIU, Dept. of Agr Engineering; WFN; CS1; CS2; GFPs
<b>4. Constitution of FWUCS/FWUGS</b>				
a. Number of FWUCS formed (at least 27)	PPMS annual progress reports, MOWRAM Annual Progress Reports, FWUC documents	PPMS annual progress reports, MOWRAM Annual Progress Reports, FWUC documents	Quarterly	MOWRAM; PDWRAM; PMU MAFF; PPIUs; CS1; CS2; CS5
b. Number of FWUC women members developed capacity to operate and maintain the O&M system (At least 30% women FWUC members)	PPTA feasibility studies, PPMS annual progress reports, MOWRAM Annual Progress Reports, FWUC documents	Sex-disaggregated questionnaire forms, separate sex FGDs	Each quarter	CSI, CS2, CS5, MOWRAM, MAFF GFPs, WFN, PMU MAFF and PPIUs; MOWRAM
<b>5. Development of Provincial Development Centers</b>				

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Performance Indicators (with Targets and Baselines) <i>(Col. 1)</i>	Data Sources/ Means of Verification <i>(Col. 2)</i>	Data Collection Method/Forms <i>(Col. 3)</i>	Timing and Frequency of Data Collection <i>(Col. 4)</i>	Responsible Person/Agency for Data Collection <i>(Col. 5)</i>
a. Number of provincial development centers made operational (at least 4)	PPIU, PDAFF, GDA Reports; PPMS Annual Progress Reports	PPIU, PDAFF, GDA Reports; PPMS Annual Progress Reports	Quarterly	PPIUs; PDAFFs; GDA; CS2; CS1
b. Women represent 40% of increased labor pool who can operate agricultural machinery	PPTA CSA documents, Training Reports, PPMS bi-annual progress reports	WFn consultation, FGDs,	Bi-annual	PMU MAFF (lead) and PPIUs, WFn, , CSI, CS2, GFPs,
c. Number of provincial development centers for which O&M plans have been developed	MAFF annual reporting,	Observation	Bi-annual	MAFF
d. Number of provincial development centers for which appropriate annual O&M budget has been made available	MAFF annual reporting	Annual Budget MEF	Annual	MEF, MAFF
<b>6. Making Engineering Workshops Operational</b>				
a. Number of engineering workshops made operational (4)	PPIU, PDAFF, GDA Dept. of Agriculture Engineering Reports; PPMS Annual Progress Reports	PPIU, PDAFF, GDA Dept. of Agriculture Engineering Reports; PPMS Annual Progress Reports	Quarterly	PPIUs; PDAFFs; GDA; CS2; CS1
b. Women represent 40% of increased labour pool who can operate agricultural machinery	PPTA CSA documents, Training Reports, PPMS	WFn consultation, FGDs,		PMU MAFF (lead) and PPIUs, WFn,
c. Number of engineering workshop for which O&M plans have been developed				
d. Number of bio-digesters for which appropriate annual O&M budget has been made available				
<b>Output 3: Enabling Environment for Climate Friendly Business Enhanced</b>				
<b>1. Formulating Climate and Gender Responsive Agribusiness Policy for Target Commodities</b>				
a. Number of policy for target commodities, including a PPP framework, formulated **	PPTA Gender Analysis, Fieldwork reports, PPP documents, PPMS Annual	Policy discussions, FGDs, meetings	Each quarter	International and national consultants under guidance of

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	Progress reports, 3 IA's GMAP strategies, ADB guidelines			PMU MAFF, CS1, CS2, GFPs, WFN
<b>2. Formulating Climate and Gender Responsive PPP Framework Policy for Target Commodities</b>				
a. Policy for target commodities, including a PPP framework, formulated **	PPMS Annual Progress Reports; PPP Reports; MAFF PMU, Planning & Statistics Dept. and MAFF/GDA Reports	Reporting by relevant departments: MAFF PMU, MAFF Planning & Statistics, MAFF/GDA	Quarterly	MAFF PMU; MAFF Planning & Statistics Dept.; MAFF/GDA; CS1; CS2
b. <b>Cambodia Good Agricultural Practice for tropical fruits endorsed</b>	PPMS Annual Progress Reports; MAFF PMU; and MAFF/GDA/SPS (Sanitary & Phytosanitary Dept.) Reports	Reporting by relevant departments: MAFF PMU; MAFF/GDA/SPS	Annual	MAFF PMU; MAFF/GDA/SPS ; CS1; CS2
c. <b>Cambodia Good Agriculture Practices for organic fertilizers endorsed</b>	PPMS Annual Progress Reports; MAFF PMU; and MAFF/Dept. of Agriculture Legislation Reports	Reporting by relevant departments: MAFF PMU; and MAFF/Dept. of Agriculture Legislation	Annual	MAFF PMU; MAFF/DAL; CS1; CS2
<b>3. Training of Agribusiness in Green Finance</b>				
a. Number of agribusinesses trained on green finance and CSA (at least 30)	IAs Training Reports, NGS training reports, MAFF Annual reports, Green finance reports, PPMS annual progress reports	PMU MAF, GDA and PPIU reporting	Quarterly	PMU MAFF and PPIUs; GDA
b. Number of women trained (at least 30 % (2017 baseline: 0)	IAs Training Reports, NGS training reports, MAFF Annual reports, Green finance reports, PPMS annual progress reports	PMU MAF, GDA and PPIU reporting	Quarterly	PMU MAFF and PPIUs; GDA; GFPs;
c. Number of women-led and/or women owned enterprises trained in green finance and CSA (at least 30% of total)				

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<b>4. Providing Households with Information on Climate Risk</b>				
a. Number of households provided information on climate risk (20,000)	Reporting from PPIUs and PDAFFs; PPMS Annual Progress Reports	Reporting from PPIUs and PDAFFs; PPMS Annual Progress Reports	Quarterly	PMU MAFF (lead) with support from PPIUs and PDAFFs
b. At least 20,000 women in these households received the information on climate risk	Reporting from PPIUs and PDAFFs; PPMS Annual Progress Reports	Reporting from PPIUs and PDAFFs; PPMS Annual Progress Reports	Quarterly	PMU MAFF (lead) with support from PPIUs and PDAFFs; WFN
c. Integrate a session on gender equality in climate friendly agribusiness value chains (based on PPTA gender analysis report) into the training and awareness raising activities for relevant project stakeholders	CS2 Training reports, CS1 gender responsive training reports, Information campaign reports, PPMS annual progress reports	FGDs, meetings	Quarterly	CS1, CS2, GFPs, MAFF (relevant departments), agricultural extension agents, local leaders and government officials, WFN, ICT unit (CS4)
d. Project implementation and monitoring: Actively involve the WFN, MAFF GFPs, sub-national GFPs and Agricultural Cooperatives as key partners in project implementation and monitoring, especially for the GAP activities	Project M&E Reports, PPMS annual progress reports	FGDs, meetings	Each quarter	MAFF GFPs, WFN, M&E consultants, Agricultural Cooperatives, CS1
e. ITC platform for climate friendly agribusiness established in Kampong Cham province	PPIU and PDAFF Kampong Cham; PPMS Annual Progress Reports; CS4	PPIU and PDAFF Kampong Cham data collecting; CS4	Quarterly	PPIU and PDAFF Kampong Cham; CS1; CS4

FWUC = farmer water user community, PMU = project management unit, PDWRAM = provincial department of water resources and meteorology, PMIC = project management and implementation consultants, CME = construction management engineer, HSE = hydraulic structural engineer, MAFF = Ministry of Agriculture, Forestry and Fisheries, GS = gender specialist, ITS = institutional/training specialist, O&M = operation and maintenance, AFO = administrative/financial officer, FAS = financial and accounting specialist, DHRW = department of hydrology and river work.

\*\*As women are more vulnerable to the impacts of climate change, any policies developed for PPPs or contract farming arrangements for promoting agribusinesses under output 3 are responsive to the needs, constraints and vulnerabilities of women. The detailed gender analysis of the VCs proposed in the gender action plan is expected to inform this process.

\*\*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% of the staff are women.

## H. FINANCIAL MANAGEMENT TIME-BOUND ACTION PLAN

24 **Table 2** shows the progress with the financial Management Time-Bound Action Plan.

**Table 2: Status of Financial Management Time-Bound Action Plans**

Weakness	Mitigation Action	Responsibility	Timeframe	Updated Status
<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.	Complied
<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.	<p>4 national financial management specialists were mobilized in 2019</p> <p>Training to be conducted annually under CS 1</p> <p>ADB will from time to time provide capacity training</p>
<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.	Complied
<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 set up and training will be provided for the project accountants at PPIUs/IAs</li> </ul>	PMU/PIC	3 months from the mobilization of the PIC.	Complied
<ul style="list-style-type: none"> <li>Limited capacity in internal audit. Quality</li> </ul>	<ul style="list-style-type: none"> <li>MEF will ensure that each IA will include qualified accountants and auditors,</li> </ul>	MEF/ADB	By end of Year 1.	To be complied



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<b>Weakness</b>	<b>Mitigation Action</b>	<b>Responsibility</b>	<b>Timeframe</b>	<b>Updated Status</b>
of both internal and external audit reports remains a concern.	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.			
<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 intuition to further improve quality.</li> </ul>	MEF/ADB	By the 9 <sup>th</sup> month from the project effectiveness.	Training planned in February 2020

*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.*

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25 **Table 3** and **4** shows the already awarded contracts, while **Table 5** shows the ongoing procurement. The Updated Procurement Plan is presented in **Annex 3**.

**Table 3: Awarded Contracts Consulting Services**

Consulting Services							
Package Number	General Description	Estimated Value (US\$)	Contract Value (US\$)	Recruitment Method	Advertisement Date	Date of Approval of Contract	Comments
CS1 SER-001/2019	Project Implementation Consultant (PIC)	4,379,920	4,158,200	QCBS	Q2 / 2018	7 September 2019	Agriconsulting Europ S.A. joint venture with SBK Research and Development
CS2 SER-002/2019	Capacity Building and Climate Smart Agriculture Consulting Firm	3,478,429	3,265,076	QCBS	Q2 / 2018	07 September 2019	e.Gen Consultants Ltd.in association with SBK Research and Development, Okapi Environment Consulting, and International Center for Tropical Agriculture
CS5 SER-003/2019	Feasibility studies & Detailed engineering design consulting firm (for irrigation and rural roads)	2,622,704	2,313,414	QCBS	Q2 / 2018	07 September 2019	Resources Development Consultants (Pvt) Lt. in association with CAM-CSTR Co., Ltd.

**Table 4: Awarded Contracts Goods**

Goods							
Package Number	General Description	Estimated Value (\$)	Contract Value (\$)	Procurement Method	Advertisement Date	Date of Approval	Comments
G5	Pick-up Vehicles, 15 units	795,532	419,250	NCB	Q2 / 2019	14 June 2019	HBO Auto Co. Ltd.
G6	Motorcycles, 47 units	96,242	78,114	Shopping	Q1 / 2019	12 Feb 2019	OMC Co., Ltd.

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**Table 5: On-going Procurement**

Goods and Works							
Package Number	General Description	Estimated Value (\$)	Contract Value (\$)	Procurement Method	Advertisement Date	Date of Approval	Remarks
G5b	Pick-up Vehicles, 5 units – for Consultants services (CS-1, CS-2 & CS-5)	150,000	<b>137,500.</b>	NCB	Q3 / 2019	28 Jan 20	RMA Co.,Ltd
G11	PMU Office Equipment and Furniture (MAFF, MOWRAM & MRD)	278,750	<b><u>61,731</u></b>	NCB/Shopping	Q3-4/ 2019	18 Dec 2019	Office Furniture Solution Co., Ltd
CW6	PMU Office Renovation (MAFF)	100,000	<b>3,244.60</b>	Shopping without Advertising	Q3 / 2019	13 Nov 2019	Veng Srun
G 10	PMU Office Equipment (MAFF, MOWRAM & MRD)	61,970	<b>123,447.00</b>	<b>NCB</b>	Q3/2019	25 Dec 2019	ICE Electronics Co.,Ltd
SER-001	Project Implementation Consultant (PIC) - Package CS1	4379920	<b>4158200</b>	<b>QCBS</b>		10 July 2019	Agriconsulting Europ S.A joint venture with SBK Research and Development
SER-002	Capacity Building and Climate Smart Agriculture consulting firm - Package CS2	3478429	<b>3265076</b>	<b>QCBS</b>		12 July 2019	e.Gen Consultants Ltd., in association with SBK Research and Development, Okapi Environment Consulting, and International Center for Tropical Agriculture
SER-003	Feasibility Studies and Detailed Engineering Design consulting firm – Package CS5	2622704	<b>2313414</b>	<b>QCBS</b>		21 Sep 2019	Resources Development Consultants (Pvt) Ltd. In association with CAM-CSTR Co., Ltd

## J. PROGRES OUTPUT 1

26 **Table 6** shows summarized progress of Output 1: Critical Agribusiness Value Chain Infrastructure improved and made Climate-Resilient during the first quarter of project activities implementation by the reporting period, 31<sup>st</sup> March 2020.

**Table 6: Project Output 1 Implementation Status<sup>2</sup>**

Project Output	Project Activities	Status <sup>3</sup>	Implementation Progress <sup>4</sup> (%)
<i><b>Output 1 – Critical Agribusiness Value Chain Infrastructure Improved and made Climate-Resilient</b></i>	<i><b>Project Activity 1.1 Rehabilitating Water Management Infrastructure to Climate Resilient Condition</b></i>		
	<b>1.1.1. Off-farm Climate Resilient Irrigation &amp; Water Management Infrastructure</b>		
	- Identification and Confirmation of first batch of Subprojects	Activity completed – progress on track	100%
	- Design review and FSR preparation and submission for Trapeang Run subproject	Activity started – progress on track	80%
	- Bid preparation for Trapeang Run subproject	Activity started – progress on track	60%
	- Bidding, construction and handover	Activity Not Yet Due	
	- Further Subproject identification/evaluation bidding	Activity completed (10 schemes identified)/ Not Yet Due	100%/-
	- Bidding of Survey Works of identified subprojects, evaluation and award	Activity started – progress on track (3 survey teams in process of contract award)	80%
	- Completion of Survey works with drawings and data	Activity started – progress on track	
	<b>1.1.2 On-farm Water Catchment Ponds</b>		
	- Selection of sites based on the approved eligibility criteria	Activity started – progress on track (54 sites are nominated out of 200 planned in 2020)	15%
	- Design and bid preparation	Activity Not Yet Due (To be ready by 30 November 2020)	
	- Procurement, award, construction and handover	Activity Not Yet Due	
	<b>1.1.3 Drip-irrigation Demonstration Sites</b>		
	- Identification, Confirmation and design of drip-irrigation demonstration sites	Activity started – progress on track (two sites identified and under progress for selection, design of drip system in progress under CS1)	5%

<sup>2</sup> Outputs and Activities reported here should be aligned with the Activities in the Logic Framework and Implementation Timetable of the project.

<sup>3</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>4</sup> Implementation progress on a cumulative basis as of the date of the report.

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Project Output	Project Activities	Status <sup>3</sup>	Implementation Progress <sup>4</sup> (%)
	- Bid preparation for representative subproject	Activity Not Yet Due	
	- Bidding, construction and handover	Activity Not Yet Due	
	- Further subproject identification/evaluation bidding	Activity Not Yet Due	
	- Construction and handover of subprojects	Activity Not Yet Due	
<b>Project Activity 1.2 Upgrading Agricultural Cooperatives' Value Chain Infrastructure (drying, processing, and storage facilities)</b>			
	- Identification, Confirmation and design of agricultural cooperatives	Activity started – progress on track (20 out of 80 ACs identified)	30%
	- Bid preparation for representative subproject	Activity Not Yet Due (to be ready by 31 August 2020)	
	- Bidding, construction and handover	Activity Not Yet Due	
	- Further subproject identification/evaluation bidding	Activity Not Yet Due	
	- Construction and handover of subprojects	Activity Not Yet Due	
<b>Project Activity 1.3 Improving Connectivity to Cooperatives and Markets through Climate Resilient Farm Road Networks</b>			
	- Identification of subprojects requiring rural roads	Activity completed – progress on track (8 roads in four provinces with about 72km)	100%
	- Bidding of Survey Works of identified subprojects, evaluation and award	Activity started – progress on track	100%
	- Completion of Survey works with drawings and data	Activity started – progress on track	5%
	- Detailed Design and FSR preparation and submission for rural roads	Activity started – progress on track	5%
	- Bidding, construction and handover		
<b>Project Activity 1.4 strengthening the infrastructure for agricultural quality and safety testing at national agricultural laboratory</b>			
	- Identification of lab-infrastructure, lab equipments and staff	Activity started – progress on track (National laboratory coordinator mobilized in Feb. 2020)	2%
	- Crop product quality and safety testing infrastructure upgraded	Activity Not Yet Due	
<b>Project Activity 1.5 Promoting Renewable Energy for Value Chain Improvement</b>			
NBP Bio-digester program			
	- Bio-digester work plan with NBPO & PDAFFs	Activity started – progress on track	
	- Construction and bio-digester handover	Activity Not Yet Due	
Bio-digester standards development			
	- Technical committee/working group formation	Activity started – progress on track	
	- Draft standards and consultation	Activity started – progress on track	
	- National Standards Committee endorsement	Activity started – progress on track	



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Project Output	Project Activities	Status <sup>3</sup>	Implementation Progress <sup>4</sup> (%)
	Bio-slurry compost hut promotion	Activity started – progress on track (500 out of 600 in process of identification)	
	- Compost hut design	Activity started – progress on track	
	- Work plan and financial support determined	Activity Not Yet Due	
	- Construction and handover	Activity Not Yet Due	
	Agribusiness Photovoltaic Feasibilities		
	- Study scope determined	Activity started – progress on track	
	- Agribusinesses identified	Activity started – progress on track	
	- Detailed study for green finance	Activity Not Yet Due	
	AC drying and storage unit solar power systems	Activity started – progress on track (12 storage units identified)	
	- Requirements & designs elaborated	Activity started – progress on track	
	- Bidding, installation and commissioning	Activity Not Yet Due	
	PADC solar power systems	Activity started – progress on track (4 PADC and 4 mechanization workshop)	
	- Requirements & designs elaborated	Activity started – progress on track	
	- Bidding, installation & commissioning	Activity Not Yet Due	

27 Meanwhile, a short description of the **Table 6** - Output 1 progress achieved in the reporting period is depicted below in 7 key activities explicating the status of each activity.

28 **Rehabilitation of Irrigation Schemes** – during the inception phase and reporting period, irrigation sub-projects were prioritized and selected adopting the selection criteria of ADB/PAM.

29 There are 23 irrigation subprojects from PPTA Sub-project screening list and 12 new irrigation candidate subprojects from MOWRAM. The total 35 irrigation candidate subprojects from four provinces are:

- |                 |                            |
|-----------------|----------------------------|
| 1- Kampot       | 7 irrigation sub-projects  |
| 2- Takeo        | 13 irrigation sub-projects |
| 3- Tbong Khmom  | 9 irrigation sub-projects  |
| 4- Kampong Cham | 6 irrigation sub-projects  |

30 The majority of 35 irrigation subproject sites were visited, met and discussed with beneficiaries and commune in presence representatives from PDWRAM, MOWRAM, PDAFF and Consultant teams (CS1 and CS5). All 35 schemes were evaluated using the selection criteria and found 4 irrigation sub-projects were unsuitable due to a lack of irrigation water source, obligatory heavy resettlement and shrunken irrigable area due to urban pressure. Among 31 remaining subprojects for further feasibility study, 10 irrigation subprojects have been selected for first priority to be constructed in the year 2020. List of 10 Irrigation subprojects are shown in **Table 7**.

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**Table 7: Priority List of Irrigation Subprojects for Year 2020**

Year	Package Number	Province	Commune	District	Subproject Name	Command area, ha	X_UTM	Y_UTM	Remarks
<b>1. Plan for Project Feasibility study and Design in 2020</b>									
2020	1	Kampot	TANI	ANGKOR CHEY	TRAPEANG RUN	100	460,642	1,193,057	PPTA List
	2	Kampot	SRAE KNOUNG	CHUM KIRI	TAKOCH (Prey Takoch-Prawoek Pong)	450	444,381	1,212,158	PPTA List
			CHRES	CHUM KIRI	MLECH	800	445,367	1,206,609	PPTA List
	3	Takeo	Trapaing Kra Nhoung	Tram Kak	Prey Kdouch Reservoir	550	436,090	1,227,056	PPTA List
			Trapaing Kra Nhoung	Tram Kak	Kraing Empil Embankment	200	437,153	1,225,190	PPTA List
	4	Tboung Khmum	PREASH THEAT	Ou Raing Ov	TA KHEM RESERVOIR TUMNUB KBAAL TEUK	445	554,814	1,310,518	PPTA List
			CHIKOR	TBOUNG KHMUM	TOUL PRING RESERVOIR	100	563,804	1,313,173	PPTA List
			THMAR PICH	TBOUNG KHMUM	TRAPAING TROS RESERVOIR	450	563,270	1,329,108	PPTA List
	5	Kampong Cham	Svay Teap	Chamkaler	Pram Kumpheak	635	531,218	1,361,210	PPTA List
			Preach Andong	Stoeng Trong	O Kamprok	320	575,700	1,361,004	PPTA List
Plan for rehabilitation in year 2020 of 5 Packages irrigation sub-projects with command area of						<b>4,050</b>			

**a) For the Trapeang Run Fast-action Scheme**

31 In Trapeang Run subproject during PPTA stage, feasibility study report (FSR) and bidding document were prepared following the topographical survey and detailed engineering design (DED). To verify and comply with the DED and FSR of PPTA stage, Trapeang run site was visited a number of times by joint mission of TAs (CS1 and CS5) and IA/MOWRAM and meeting and walk-through was held with beneficiaries and local community to introduce and discuss about the subproject activities and targets. The joint mission found that the both main canals (MCs) alignments designed in PPTA stage were not accepted by local community for two reasons: firstly the proposed alignments involves heavy resettlement and land acquisitions, and secondly two proposed MCs would not irrigate to 100 ha of the command area since both alignments pass through low lands leaving large stretch of upland unirrigated. In such, it was realised to review and revise DED, FSR along with the DDR and IEE of the Trapeang run subproject.

32 By reporting period, specific progress of Trapeang run on DED, FSR, DDR and Bidding documents are given below:

- Revised engineering designs and drawings completed 80%.
- Revised bill of quantities (BoQ) completed 80%
- Feasibility study report reformulated as per PAM, revised and completed around 60%, and is expected to be completed by the end of April 2020.
- The revision of DDR and IEE reports are in process and has completed 80% by reporting period and is expected to be completed by the end of April 2020.
- The revision of technical specification and bidding document is in process and will complete by the end of April 2020.

**b) Ta Khem/Kbal Toeuk:**

33 According to MOWRAM, this sub-project was designed under CAVAC project, which was financed by AusAID. However, the project was not constructed. There is already draft system survey layout and drawings available, but the TA team requires to visit the site and review the designed layout and make essential modification in DED if necessary. By reporting period, it is planned as below:

- The feasibility study will be done in second quarter

- DDR, IEE, Economic study, agricultural study and GAP are planned to do in second quarter

**c) For other 8 ‘High Priority 2020’ Irrigation Schemes**

34 Following the ADB procurement guidelines as stated in PAM, direct shopping with quotations has been adopted to conduct the topographical surveys of these subprojects. Progress of direct shopping to engage survey companies is almost complete and only Contract Award is remaining. The detail activities of direct shopping is as follows:

- a) A pre-bid meeting was conducted to discuss and clarify the bidders’ queries
- b) 6 bidders submitted proposals for topographical survey works of 4 packages containing 8 subprojects;
- c) Bid evaluation report (BER) for four packages is completed and shared with MOWRAM and MAFF for approval.

35 After obtaining topographical survey report from survey companies in soft and hard copies, feasibility study will be carried out with DED and FSR, and bidding document will be prepared in upcoming quarters. The other below stated activities will follow up with feasibility study and DED in second and upcoming quarter.

- Social-economic surveys
- Environmental Assessment IEE
- DDR study
- Gender development GAP

**d) FWUC Formation**

36 The consultation meeting between TA and MOWRAM was done and agreed to take a single source selection. The 10 FWUCs formation proposal has been prepared for MEF review.

37 **Installation of Drip Irrigation** - drip irrigation system installations remain unclear about which IA, MAFF or MOWRAM will implement this activity under CFAVC project. According to the ADB Inception Mission Memorandum of Understanding (MOU), two drip demonstrations for mango in Tboung Khmum province, three demonstrations each in Kampot and Takeo provinces and two in Kampong Speu province have been proposed. In reporting period, field assessment was conducted to assess Mango farms within four target provinces. Total of 20 (5 farms in Kampot, 4 farms in Takeo, 5 farms in Kampong Cham, and 6 farms in Tbong Khmum province) Mango farms were visited and assessed with farm owners. From preliminary result, 5 Mango farms have been identified and appraised based on selection criteria set up in PAM<sup>5</sup>. However, the finalization of Mango farms (2 demonstration farms), will be selected and finalized by the selection committee<sup>6</sup> which is comprised of PMU, GDA and PDAFF. The design of 2 finalized demonstration farms will be done during next Quarter.

38 **Commissioning of On-farm Rainwater Harvesting Ponds** - preselection of Rainwater Harvesting Ponds are under progress, and as of now, 54 ponds have been nominated in four provinces and they are as follows:

- Kampong Cham	13
- Tbong Khum	10
- Takeo	23
- <u>Kampot</u>	<u>11</u>
Total	54

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<sup>5</sup> Criteria set up for the project recipient (i) must be smallholder; (ii) must have a land title; (iii) has marketing contact; (iv) must grow Mango, Keo Romeat variety; (v) has access to water or water source available for irrigation (borehole or pond); (vi) be willing to allow several training day each year on farm and participate in training as trainer

<sup>6</sup> Committee consisted of PMU, PDAFF and Representative from GDA

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39 However, the amount of nominated ponds are far below than the target of 200 rainwater harvesting ponds in 2020. The pond selection will be done during next quarter by CS1 together with the PMU. The pond selection criteria as specified in the PAM will be applied for the selection of pond. During reporting period, the draft design for the on-farm rainwater-harvesting pond was ongoing. The draft design is based on the existing NCDD pond design standard with some modification. The design modification adds a silt tank connected with the inlet pipe to the pond. The gravity surface run-off from source fills the silt tank first and then to pond.

40 This is desirable to divert the run-off into a small excavated silt tank of size about one-tenth the size of the main pond storage, prior to discharging into the pond. The silt tank functions to reduce the velocity of incoming water so that the silt is deposited in the silt tank rather than in the main storage pond. The silt tank and pond is connected with pipe allowing run-off discharging into the pond. The draft on-farm rainwater harvesting pond design modification is expected to be completed during second quarter of 2020.

41 **Improving Connectivity to Cooperatives and Markets through Climate-Resilient Road Networks** – during the inception phase and reporting period, screening of possible road networks connecting agricultural cooperatives (ACs) with farms and markets were done for the identified 48 ACs after visiting road network sites with representatives from MRD, PDAFF and TA team. Based on field visits and screening in compliance with selection criteria of PAM, possible and feasible road networks connecting farms to cooperatives and cooperatives to nearby markets were identified. A preliminary road networks for 48 ACs were identified with eight high priority road networks for Year 2020. The eight high priority road networks grouped in four packages for Year 2020 is presented in **Table 8** below.

**Table 8: Prioritized List of Road Networks Connecting ACs and Markets**

No	Package Nr - Name	Agricultural Cooperative (AC) Name	Commune	District	Ranking Priority (Year)	Each Length (km)	Total Length (km)	Province
1	1 - Kampot	Raksmeay Samaky Amatak	Chres	Chum Kiri	2020	11.90	20.10	Kampot
2		Kasekor Samaki Rung Roeung	Srae Chaeng			8.20		
3	2 - Takeo	Lumpong Kasikam Samaky	Lumpong	Bati		10.05	14.73	Takeo
4		Sdok Sdom	Taing Yab	Prey Kabas		4.68		
5	3 - Tboung Khmum	Dambae Rungroeng	Dambae	Dambae		9.83	21.83	Tboung Khmum
6		Kdey Songkhuem Kaksekor	Toul Snoul	Krouch Chhmar		12.00		
7	4 - Kampong Cham	Sambo Meanchey	Soupeas	Stueng Trang		9.98	14.30	Kampong Cham
8		Stueng Trang Senchey	Soupeas			4.32		
Plan in year 2020 of 4 Packages Road sub-projects with Length of						<b>70.96</b>		

42 For prioritized 8 road sub-projects grouped in four packages, the selection and contract award to four topographical survey contracts have been completed. The survey works are expected to be completed by May 2020. The concept design of roads is ongoing and DED and FSR of roads will be done in second quarter.

**43 Integration Adaptation Measures of Agricultural Cooperatives in Post-harvest Infrastructure Investment** - Among 48 identified agricultural cooperatives, 20 cooperatives in 4 contracts have been prioritized for project support in 2020. MAFF agreed to issue invitation for bids on infrastructure support, including solar energy, for cooperatives with an estimated contract value of \$1.97 million by 31 August 2020. Under this activity, three different types of postharvest infrastructure are planned with different capacity of 50 tons (12 units); 100 tons (44 units); and 200 tons (24 units) for cleaning, drying and storage units including solar roofing. During first quarter 2020, with support from CS2, the Department of Agricultural Cooperatives under GDA has identified and prioritized 12 postharvest infrastructures (5 seed storage, 5 grain storage and 2 cassava chip storage). However, the detail survey, design of those facilities falls under MAFF. The size of these storage facilities depends on crop commodity and trade that each AC deals in seed, grain for processing and or cassava chip. The process of full operation (procurement package preparation, including tender; and construction will be started during 3rd or 4th quarter of the 2020. For each cooperative to able to run their business sustainably, supports are required in followings: 1) Warehouse, storage, 2) Dryer, 3) Agricultural machineries including mean of transports, 4) Rice mill and 5) Pond.

**44 Installation of Bio-digesters** - during first quarter, with support from CS1 & CS2 packages, GDHAP has been preparing bidding document to complete by April 2020 for installing 1,000 biodigester out of 12,000 by the end of year 2020 targeting to benefit at least 40,000 persons and 50% of them are women. GDHAP with support from CS2 has agreed to identify eligible beneficiaries by 31 August 2020 and continue to conduct two training on marketing campaign by 30 November 2020.

**45 Installation of Compost Huts** - the project promotes bio-slurry management and storage including the introduction of 6,000 compost huts with a durable roof and improved user training on slurry management. In 2020, total 500 compost huts are planned and will benefit at least 40,000 persons (50% are women) from the project. During the first quarter, GDAH with support from CS2 has been preparing bidding documents to complete by April 2020 for installing 500 compost huts out of 6,000.

## K. PROGRES OUTPUT 2

**46 Table 9** highlights the progress achieved by the reporting period for Output 2 - Climate Smart Agriculture and Agribusiness promoted.

**Table 9: Project Output 2 Implementation Status<sup>2</sup>**

Project Output	Project Activities	Status <sup>3</sup>	Implementation Progress <sup>4</sup> (%)
<i>Output 2 – Climate-smart Agriculture and Agribusiness Promoted</i>	<i>Project Activity 2.1 Deploying Climate Resilient Varieties</i>		
	Climate resilient variety release and dissemination	Activity started – progress on track (2 climate resilient rice varieties and one climate resilient glutinous maize variety under progress for commercialization production)	
	- Recruitment of IRRI	Activity started – progress on track (TOR completed, tender as single source in process)	

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- Locational and on-farm trials	Activity started – progress on track (In 2020, total 40 groups (10 groups/province/25farmers) identified and ready for the selection and ready for conducting on-farm trials during coming early wet season)	
- Seed bulking up & farmer field days	Activity started – progress on track	
- Varietal release	Activity started – progress on track (CARDI ready to release two climate resilient varieties of rice (CAR 16, and Phka Mealdei) and one variety of maize (CM1))	
- Commercialization initiatives	Activity started – progress on track	
<b>Project Activity 2.2 Strengthening Capacity in Climate Friendly Production Practices and Technologies</b>		
- Training materials collated or elaborated	Activity started – progress on track (CSA and SRP technical practice and training reviewed)	
- CSA, SRP, CAMGAP training formal & in-field	Activity started – progress on track (Rice crop workshop organised on 10 March 2020)	
- AC drying and storage unit, management & operation	Activity started – progress on track (12 post harvest infrastructure identified)	
- FWUC management, operation & systems maintenance	Activity started – progress on track (FWUC formulation and training materials developed, waiting for FWUC Specialist to be mobilized)	
- Agricultural machinery, operation, repair, fabrication & maintenance	Activity started – progress on track (3 PADC and one Mechanization Workshop identified)	
- Laser levelling training and demonstration	Activity started – progress on track	

47 To clarify the above **Table 9**, a short description of the progress accomplished in the reporting period is described below in 8 key activities to highlight the status of each activity.

48 **Release of 3 Additional Rice and Maize Varieties-** CS2 provided technical assistance to CARDI to develop a commercialization program with recommendation on the legal framework to develop intellectual property rights and partial cost recovery of institution. During the first quarter, CS2 capacity building team reviewed existing legal framework relating to seed production, distribution and marketing for rice, and similar activities for other crops such as maize, cassava and mango are planned for the second quarter of 2020. In additional varieties, CARDI is ready to release two climate resilient varieties of rice (CAR 16, and Phka Mealdei) and one variety of maize (CM1) through project support for seed multiplication. Term of Reference (ToR) for varietal development has been prepared and submitted to the Bank for No-objection letter (NOL).

49 **Training of Farmers in Climate-Smart Agriculture (CSA)** - during the first quarter, the CS2 team reviewed related materials on CSA and SRP technical practice and training. Rice crop workshop was organized and held on 10<sup>th</sup> March 2020 and the workshop focussed on following discussions: (i) SRP practice and Standards requirements to achieve SRP compliance; (ii) climate smart practice, and (iii) potential market for SRP. The ToT of SRP and CSA training was planned to organize in late March 2020 by Global GAP and or AIZ. But due to corona virus pandemic, the training has been postponed to another date, may be sometime in second quarter of 2020. This will delay the continual ToT training to provincial team and training on SRP/CSA to key farmers and beneficiaries of the project.

50 **Training of Farmers in Agribusiness** – CS2 under the project supports the capacity building program for agriculture cooperative mainly focussing on accounting, agribusiness, cooperative management, operation and maintenance of storage facilities. During first quarter, CS2 capacity building team reviewed related material on such training topics. However, the result of training output will delay due to deferment in key expert mobilization.

51 **Making FWUC/FWUGs Operational** - the project supports both civil work and capacity building to FWUC and its members to ensure that FWUC are in place in those irrigation systems that are rehabilitated by the project, and they are able to undertake the O&M responsibility of the schemes. During first quarter, ToR including technical and financial proposal for FWUC formulation and organization has been developed and submitted to the Bank and MEF for NOL.

52 **Training of FWUCs in Operation and Maintenance** - CS2 has developed technical and financial proposal on capacity building to FWUC and its members and submitted to the Bank and MEF for endorsement. Further, training material has been developed and corresponding training activities will be organized in next quarter.

53 **Making Operational of Provincial Agriculture Development Centers (PADC)** - under this output, the project provides the training facilities at the provincial level by establishing four provincial agricultural development center (PADC) so that they are able to fully operate to improve and create resources and training center for service provision, agribusinesses and farmer value chain linkage. The building design review, modifications and recommendations for PADC has been discussed with PMU engineers at Department of Agricultural Machinery (DAM). The PADC building should be designed by key licensed experts, namely Civil Engineer, Sanitary Engineer, and Electrical Engineer in coordination with PMU Engineers in second quarter. The detail of review and recommendations is provided in **Attachment 1**.

54 **Making Operational of Provincial Engineering Workshops (PEW)** - under this output, the project supports construction of three farm mechanization agricultural engineering workshops including classroom in Kampot, Kampong Cham, and Tboung Khmum and one commissioning renewing workshop and classroom in Takeo province. In reporting period, the TA team and PMU have re-assessed the provincial engineering mechanization workshops in collaboration with GDA and the review and recommendations for the design of Provincial Engineering Workshop has been discussed with PMU engineers at DAM. The PEW building should be designed by key licensed experts, namely Civil Engineer, Sanitary Engineer, and Electrical Engineer in coordination with PMU Engineers in second quarter. The detail of review and recommendations is provided in **Attachment 1**.

55 **Making Operational of Agricultural Cooperatives (ACs)** – In the reporting period, a site visit plan has been prepared with PMU Engineers to visit AC sites in April 2020 by CS1 Agriculture and Biosystems Engineer to gather further information on existing structure condition and necessary new technology to be integrated and introduced to ACs and on training need assessment for proper operation, repair and maintenance of existing processing and storage technologies. The detail of recommendations & information needs is provided in **Attachment 1**.



### L. PROGRES OUTPUT 3

56 The CFAVC project through Output 3 - Enabling Environment for Climate-friendly agribusiness enhanced invests in the development of an enabling policy and regulatory environment for agribusiness, the identification of opportunities for private sector engagement in climate change, mitigation and adaptation, and provision of improved climate information services to allow farmers to plan for their cropping season. The progress achieved in **Output 3** by the reporting period is shown in **Table 10**.

**Table 10: Project Output 3 Implementation Status<sup>2</sup>**

Project Output	Project Activities	Status <sup>3</sup>	Implementation Progress <sup>4</sup> (%)
<b>Output 3 – Enabling Environment for Climate-Friendly Agribusiness Enhanced</b>	<i>Project Activity 3.1 Formulating Climate Friendly Agribusiness Policies and Standards</i>		
	Climate smart agribusiness policy & policy HRD		
	- Work plan & technical committee formation	Activity completed – progress on track	90 ??
	- Draft policy and consultation	Activity completed – progress on track	??
	- MAFF & MOC endorsement	Activity started – progress on track	
	Industrial development policy		
	- Action plan for MAFF implementation	Activity completed – progress on track	
	Climate conscious standards development i.e. CAMGAP and SRP		
	- Work plan & CAMGAP technical committee	Activity completed – progress on track	
	- Draft Standards, consultation & NSC endorsement	Activity completed – progress on track	
	- Linking SRP Alliance activities to project	Activity completed – progress on track	
	- CSA activities determination		
	<i>Project Activity 3.2 Promoting Green Finance and Risk Sharing Mechanisms</i>		
	Inter-ministerial committee – enabling environment for PPPs/commercial incentives & best practices	Activity completed – progress on track (workplan being developed)	
	- Committee composition and scope determined	Activity completed – progress on track	
	- IMC meetings	Activity completed – progress on track	
	Crop-centric PPP forums		
	- Forum composition and scope determined	Activity completed – progress on track	
	- Forum meetings	Activity completed – progress on track	
	ASEAN Study tours		
	- Tour requirements and planning	Activity Not Yet Due	
	- Study tour	Activity Not Yet Due	
	PPP feasibility studies		
	- Study scope determined	Activity completed – progress on track	
	- Agribusinesses identified	Activity Not Yet Due	
	- Detailed study for green finance	Activity Not Yet Due	



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	Financial institution capacity building for climate friendly agribusiness		
	- Awareness training & capacity building	Activity Not Yet Due	
	- Green initiative field visits	Activity Not Yet Due	
	- Existing initiatives review, implementation plan	Activity Not Yet Due	
	<b>Project Activity 3.3 Supporting Climate Risk Management through Information and Communication Technologies (ICT)</b>		
	- Recruitment of ICT Firm	Activity started – progress on track	
	- Expand and extend existing ICT activities for climate smart agribusiness in Kampong Cham Province	Activity started – progress on track (Only Web page of the project has been developed and posted)	

57 A brief description of the progress achieved in the reporting period is portrayed below in 9 key activities to elucidate the above **Table 10** by highlighting the status of each activity.

58 **Formulation of Policy on Climate Smart and Gender-Responsive Agribusiness** - in reporting period, CS2 conducted technical meeting with Department of Planning and Statistic (DoPS) to discuss on policy formulation regarding to (a) agribusiness policy and standard; and (b) CSA, on four commodity crops (rice, cassava, maize and mango). The workplan for policy study and formulation was completed and agreed by Director of Planning and Statistic Department. The CS2 team drafted ToR and concept note including action plan for agribusiness policy study and DoPS has accepted it. The full action of policy study will be conducted in next quarter.

59 **Formulation of Policy on PPP Framework** - CS2 team conducted series of technical meeting with GDA team to discuss policy formulation linkage with public private partnership sector dealing with on how to strengthen effectively in deploying such policies. Three years action plan on PPP activities has been finalized in reporting period, and the team consisted of PMU and GDA visited to selected 4 rice millers in target provinces (1 rice miller per province) to evaluate their eligibility link with PPP strategic plan including SWOT analysis of rice millers. Further, ToR for PPP policy formulation and feasibility was drafted and submitted to implementing agency GDA for acceptance.

60 **Endorsing good Agricultural Practices for Tropical Fruits** - the project supports the development and release of the CAMGAP standard for Tropical Fruit. Once the standard is released then the training of farmers is required to become compliant and to ensure assured value chain. This activity has not yet started by reporting period.

61 **Endorsing good Agricultural Practices for Organic Fertilizers** - the project promotes an establishment of testing regime for organic and biofertilizer and assist in developing standard which the testing will comply with together analysing recommendation. This activity has not yet started by reporting period.

62 **Training of Agribusinesses in Green Finance** - the project promotes and supports various activities in comprehensive landscape and key stakeholder analysis to determine implementation activities existing in green climate financing. The activity encourages potential incentive for financial institutions to increase lending to green climate project. This activity has not yet started by reporting period.

63 **Training of Agribusinesses in CSA** - the project supports the capacity building program for agriculture cooperatives including in good agriculture practices. The training will comprise of

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accounting, agribusiness, cooperative management. This activity has not yet started by reporting period.

64 **Training of Households in Climate Risk Sharing** - the project supports an enabling environment for low-carbon climate resilient agriculture value chain through strengthening capacity of relevant stakeholders to use improved ICT and agrometer services. This activity has not yet started by reporting period.

65 **Establishment of ITC Platform for Climate Friendly Agribusiness in Kampong Cham Province** - the project supports an establishment of ICT platform for CSA in Kampong Cham province using innovative technologies. This activity has not yet started by reporting period.

66 **CS4- Web Site Design and Development** – Project website has been developed and it is started hosting from March 2020. It will be hosting and maintained by the project until the end of project life and the website could be accessed via address: [www.cfavc-cam.org](http://www.cfavc-cam.org). Website development was done through quotations from three service providers and the lowest service provider quotation of OIT Solution (Operation Information Technology solution) was accepted and approved for USD 2,500.00 (US Dollar two thousand five hundred only), exclusive VAT.

**M. DISBURSEMENTS**

67 The disbursements up to 31 March 2020 are US\$ 2,577,821 as shown in **Tables 11-14**. Summary of Disbursements and Actual Expenditures is shown in **Annex 4**.

**Table 11: Disbursement ADB Loan Nr 3661-CAM  
For the Period Ending by 31 March 2020**

No.	Expenditure Item	Total Amount Allocated for ADB Financing (\$)		Disbursement (\$)
		Category	Subcategory	
1	Civil Works	67,630,590		-
1A	Irrigation and Roads		60,537,190	-
1B	Warehouses and Laboratory		5,762,800	-
1C	Other Infrastructure		1,330,600	-
2	Equipment, Materials, Goods, and Project Implementation Services	16,757,700		1,595,017
3	Incremental operating cost	4,187,100		74,804
4	Interest Charges	1,424,610		-
	<b>Advance</b>			908,000
	<b>Total</b>	<b>90,000,000</b>		<b>2,577,821</b>

**Table 12: Disbursement GCF Loan 8346-CAM  
For the Period Ending by 31 March 2020**

No.	Expenditure Item	Total Amount Allocated for GCF Financing (\$)	Disbursement (\$)
1	Civil Works - Irrigation and Roads	9,963,900	-
2	Service Charge	36,100	-
	<b>Advance</b>		-
	<b>Total</b>	<b>10,000,000</b>	<b>-</b>

**Table 13: Disbursement GCF Grant No 0579-CAM  
 For the Period Ending by 31 March 2020**

No.	Expenditure Item	Total Amount Allocated for GCF Financing (\$)		Disbursement (\$)
		Category	Subcategory	
1	Civil Works	11,263,860		-
1A	Irrigation and Roads		8,295,660	-
1B	Other Infrastructure		114,050	-
1C	Biogas Plants and Compost Huts		2,854,150	-
2	Equipment, Studies, Surveys, and Project Implementation Services	10,785,430		-
3	Trainings, Workshops and Demonstration	7,456,780		-
4	Incremental operating cost	493,930		-
	<b>Advance</b>			<b>340,000</b>
	<b>Total</b>	<b>30,000,000</b>		<b>340,000</b>

**Table 14: Disbursement RGC  
 For the Period Ending by 31 March 2020**

No.	Expenditure Item	Total Amount Allocated for RGC Financing (\$)		Disbursement (\$)
		Category	Subcategory	
1	Civil Works			-
1A	Irrigation and Roads			-
1B	Warehouses and Laboratory			-
1C	Other Infrastructure			-
2	Equipment, Materials, Goods, and Project Implementation Services			-
3	Incremental operating cost			162,168
4	Interest Charges			-
	<b>Advance</b>			
	<b>Total</b>	<b>7,380,000.00</b>		<b>162,168</b>

## N. SOCIAL SAFEGUARDS COMPLIANCE

68 The Status of Social Safeguards Compliance Table showing progress achieved by 31 March 2020 is shown in **Annex 5**.

69 In reporting period, CS5 with CS1 social experts visited the subprojects related to irrigation systems and rural roads in Takeo, Kampot, Kampong Cham and Tbung Khmum provinces.

70 Both CS5 and CS1 teams jointly prepared the draft Due Diligence Report (DDR) for Trapeang run subproject following the field visits, interaction and data collection with local farmers and commune leaders, which is under review for further improvements by reporting period. MOWRAM/MOU has plan to issue invitation for bids for Trapeang Run irrigation subproject by 30 April 2020. On finalization of DDR, it is submitted to MOWRAM PMU and shared with GDR for approval. After approval from GDR, it will be submitted to ADB for approval.

**71 Brief Description of Visited Road Subprojects:**

- Visited 8 road subprojects had meetings with local authority and project information was shared with people living along the roads, and local authority was involved in road measurements and identification of possible obstruction in road expansion like trees, lands etc.
- All rural roads do not have the village data of resettlement effects with project by reporting period, it will be surveyed after completion of rural road design.

**72 Brief Description of Visited Irrigation Subprojects:**

73 6 irrigation subprojects in three provinces Kampot, Tbung Khmum and Kampng Cham have been conducted for screening of irrigation subprojects.

**a) Subproject Trapeang Run**

74 Feasibility study and detailed design of this project was prepared in PPTA, and CS5 and CS1 visited to check the social safeguard situation in the subproject and verified the list of landholding impacts from the proposed canal rehabilitation for 100ha command area. The team reviewed the proposed canal alignments in order to identify the impact of the resettlement along the canals, met and interviewed the affected people who had voluntarily contributed lands to project in the past and recent study carried out by the social safeguard was to ask their opinions and if they are still committed to the donation to the project. The detail is in Draft DDR.

**b) Other Irrigation Subprojects**

75 Field visit for preliminary assessment and data collection was conducted on other 5 subprojects in Kampot, Tbung Khmum and Kampng Cham provinces. The field visit aimed to assess following key tasks for pre-selection criteria of irrigation subprojects:

- i) Site visit to verify pre-selection criteria of pre-selected projects.
- ii) Determine scheme-status (A, B or C) for involuntary resettlement and ethnic minority by walk through in the field.
- iii) Determine reliability or water availability for second irrigated dry season crop.
- iv) Determine status/existence of primary, secondary and tertiary irrigation canals.
- v) Conform likelihood of viable economic return (EIRR > 9 %).
- vi) Draft sub-projects layout for rehabilitation by walk through in the field.
- vii) Identification of existing infrastructure rehabilitation requirement for Sub-Projects.

## **O. ENVIRONMENTAL MANAGEMENT PLAN COMPLIANCE**

76 The EMP Compliance Table showing the environmental safeguards status by reporting period is shown in **Annex 6**.

77 **Environmental Review of Irrigation Subprojects** – the following activities were carried out during the reporting period:

- CS5 visited to the Trapeang Run subproject site located in Tani commune, Angkor Chey District, Kampot province for investigating and screening the environmental impacts resulting from the proposed subproject, and collected data and information in order to update the Initial Environmental Examination (IEE) report prepared during PPTA stage.

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- CS5 reviewed relevant documents and data/information from ADB website and PPTA feasibility detail design reports for updating the environmental assessment and reviewing framework (EARF) as well as for updating the IEE and Environmental Management Plan (EMP) for Trapeang Run and other Irrigation subprojects in the target provinces of Kampot, Takeo, Kampong Cham and Tboung Khmum.
- Updated the IEE for Trapeang Run Irrigation subproject including EMP, which updated present impacts, mitigation and monitoring measures in EMP based on the current situation of the subproject. Details are in IEE of Trapeang run subproject.

78 **Environmental Review of Cooperatives Stores, Agriculture Development Center, Mechanization Workshop, and Drip Irrigation Subproject** – by reporting period, related activities were performed as stated below:

- CS5/CS1 reviewed relevant documents and data/information from ADB website and feasibility detail design reports from PPTA stage for updating the environmental assessment and review framework (EARF) and environmental code of conduct for subproject on (i) cooperative stores, (ii) provincial agricultural development center, and mechanization workshop subprojects in the target provinces of Kampot, Takeo, Kampong Cham and Tboung Khmum.
- Updated the environmental code of conduct for subprojects proposed for (i) Mango Drip Irrigation subproject in Takeo province, and (ii) Cassava Chip Drying and Storage Unit in Tboung Khmum Province, and covered all aspects of subproject proposed. IEE for this activity has not been prepared by the reporting period.

79 **Environmental Review of Rural Road Subprojects** - the following activities were carried out during the reporting period:

- CS5 reviewed relevant documents and data/information from ADB website for preparing the IEE as well as for preparing the EMP for rural road subproject in the target provinces of Kampot, Takeo, Kampong Cham and Tboung Khmum.
- CS5 visited to the Rural Road subproject sites located in Chreas and Srae Cheang commune, Chhuk District, Kampot province for investigating and screening the environmental impacts resulting from the proposed subproject, and collected data and information in order to draft the IEE / EMP for rural road subprojects connecting agricultural cooperatives with markets, and similarly visited to other road subprojects located in Takeo and Kampot province such as Lumpong Kasekam Samaki, Samaki Sdoksdam, Raksmeay Samaki Amatak and Kasekor Samaki Rung Roeung. IEE for this activity has not been prepared by the reporting period.

## P. GAP MONITORING AND COMPLIANCE

80 The Status of GAP Monitoring and Compliance is shown in **Annex 7**

## Q. STATUS OF COMPLIANCE WITH AGREED ACTION PLAN

81 The **Table 15** shows the status of compliance with Agreed Action Plan in MOU of ADB Inception Mission.

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**Table 15: Status of Compliance with Agreed Action Plan in MOU**

<b>Actions</b>	<b>Due by</b>	<b>Status by Reporting Period</b>	<b>Responsible</b>	<b>Para.</b>
Training on procurement, financial management and audit, social and environment safeguards, gender mainstreaming and project performance monitoring conducted	30 September (annually)	Ongoing	PMU and CS teams	8
2020 work plan and budget approved including the updated procurement plan	15 February 2020	Done	PSC	9 & 23
<b>Consultants mobilization</b> <input type="checkbox"/> CVs of qualified deputy team leaders submitted to ADB	15 February 2020	Done	PMU	10
<input type="checkbox"/> CVs of other remaining experts (to be mobilized) including non-key experts for all 3 packages submitted to ADB	29 February 2020	Ongoing process	PMU	
<b>Irrigation and water management</b>				
<ul style="list-style-type: none"> <li>• Topographic surveys, feasibility studies, DED (including safeguards screening) and approvals for 5 irrigation subprojects (~ 4,050 ha) completed</li> <li>• Contract signing for the completed schemes</li> </ul>	31 July 2020  31 October 2020	Survey works in progress	CS5, MOWRAM	19(i)
<input type="checkbox"/> Pre-screening for the succeeding 11 irrigation schemes (equivalent to 8,260 ha) completed	30 November 2020			
<input type="checkbox"/> Invitation for bids for Trapaing Run Irrigation subproject issued	30 April 2020	Bid Document in preparation	CS1, CS5 & MOWRAM	

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Actions	Due by	Status by Reporting Period	Responsible	Para.
☐ Design for two drip irrigation demonstrations and 200 on-farm rainwater harvesting ponds completed	30 November 2020		CS1, PMU	
<b>Agriculture cooperatives</b> Invitation for bids for 20 agriculture cooperatives including solar energy (4 packages) issued	31 August 2020	Ongoing	CS2, MAFF	19(ii)
<b>Rural connectivity infrastructure</b> Invitation for bids for 4 rural road subprojects (2 packages for 68km) issued	31 August 2020	Survey works in progress	CS5, MRD	19(iii)
<b>Laboratory infrastructure</b> (i) Mobilization of national laboratory coordinator (ii) Biotechnology laboratory infrastructure and equipment needs re-assessed (iii) Capacity needs of laboratory staff assessed (iv) Laboratory infrastructure and equipment needs prioritized (v) Tender documents prepared (vi) Training program for laboratory staff conducted (vii) Invitation for bids to supply laboratory equipment issued	(i) 29 February 2020 (ii) 31 May 2020 (iii) 31 May 2020 (iv) 30 June 2020 (v) 31 August 2020 (vi) 30 November 2020 (vii) 30 November 2020	Done Ongoing Ongoing Ongoing Ongoing Ongoing	CS2, GDA	19(iv)

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

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<b>Actions</b>	<b>Due by</b>	<b>Status by Reporting Period</b>	<b>Responsible</b>	<b>Para.</b>
<b>Renewable energy infrastructure</b>	(i) 30 April 2020	Ongoing process	CS1, CS2, GDAHP	19(v)
(i) Bidding document for installing 1000 biodigesters and 500 compost huts prepared				
(ii) Eligible bidders for the biodigesters and compost huts identified	(ii) 31 August 2020	Ongoing process	CS2, GDAHP and NBP	
(iii) Two training and marketing campaigns conducted	(iii) 30 November 2020			
<b>Climate-resilient varieties</b>				
• Terms of reference for IRRI (CS3 Package – Variety Development Consulting Firm) improved	15 February 2020	Done	CARDI and CS2	20(i)
• Request for proposal for CS3 Package issued	15 March 2020	Ongoing process		
• Policy brief to help CARDI’s commercialization program developed	31 October 2020	Ongoing process		
<b>Capacity Building</b>				
• 16 staff from GDA attend the “training of trainers” workshop on sustainable rice platform (SRP)	31 March 2020	Delay due to COVID-19 Crisis	GDA, CS2, PDAFF	20(ii)
• Farmer’s capacity (1,000 farmers with 300 women) on SRP compliance strengthened	30 November 2020	Ongoing process of selection		
• Draft training program on CSA finalized	31 July 2020	Ongoing process	CS2 and GDA	
• Comprehensive needs assessment completed and training manuals and materials for agricultural cooperatives prepared	30 November 2020	Assessment been done; however, the process of finalization and documentation is in progress		
• 100 mango farmers (at least 30 women) trained on compliance with CAMGAP for tropical fruit	30 November 2020			



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Actions	Due by	Status by Reporting Period	Responsible	Para.
<ul style="list-style-type: none"> <li>• National farmer water user community (FWUC) training specialist mobilized</li> <li>• Training needs assessment in four project provinces conducted</li> <li>• Training materials for FWUC/FWUG prepared</li> </ul>	29 February 2020 30 April 2020 31 July 2020	Ongoing process done done	CS2, MOWRAM, PDWRAM	
<p><b>Farm mechanization and extension</b></p> <ul style="list-style-type: none"> <li>• List of staff for farm mechanization training provided to CS2</li> <li>• Training program on farm mechanization to provincial agricultural development centers and farm mechanization workshops finalized</li> </ul>	30 April 2020 30 November 2020	Ongoing process	CS2, GDA	20(iii)
<p><b>Agribusiness policy and standards</b></p> <ul style="list-style-type: none"> <li>• Working group and technical committee for Biodigester and Bio slurry standards established</li> <li>• National bio slurry specialist mobilized</li> <li>• Action plan to harmonized standards developed</li> <li>• Discussions with the Cambodia Rice Federation and GDA to develop an approach to pursuing commercialization of SRP standards completed</li> </ul>	30 April 2020 29 February 2020 30 Jun 2020 31 August 2020	Ongoing process Ongoing process Ongoing process	GDAH / CS2	21(i)

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

Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1

**Quarterly Progress Report No 1: January – March 2020**

Actions	Due by	Status by Reporting Period	Responsible	Para.
<p><b>Climate finance and Public-Private Partnerships (PPP)</b></p> <ul style="list-style-type: none"> <li>• Draft action plan on PPP reviewed by PMU</li> <li>• International and national green finance specialists mobilized</li> <li>• Rice crop-centric PPP platform established</li> <li>• Inter-ministerial committee on PPP established</li> </ul>	<p>28 February 2020</p> <p>31 March 2020</p> <p>30 April 2020</p> <p>31 August 2020</p>	<p>Ongoing process</p> <p>Ongoing procurement process</p> <p>Ongoing process</p> <p>Ongoing process</p>	<p>CS2 and PMU</p>	<p>21(ii)</p>
<p><b>ICT for climate risk management</b></p> <ul style="list-style-type: none"> <li>• Terms of reference for CS4 – ICT package completed</li> <li>• Invitation for expressions of interest for CS4 Package - ICT issued</li> </ul>	<p>31 March 2020</p> <p>30 April 2020</p>		<p>ADB</p> <p>PMU</p>	<p>21(iii)</p>
<p><b>Safeguards</b></p> <p>Semi-annual social and environmental safeguards monitoring report for January-June 2020</p>	<p>31 July 2020</p>		<p>PMU, CS1, and CS5</p>	<p>25</p>
<p><b>Gender Action Plan</b></p> <ul style="list-style-type: none"> <li>• Annual work plan for GAP implementation developed</li> <li>• Orientation on GAP implementation provided</li> <li>• First GAP report (Oct 2018 to 31 Dec 2019) submitted</li> </ul>	<p>14 February 2020</p> <p>31 March 2020</p> <p>30 April 2020</p>		<p>CS1</p>	<p>26</p>
<p>Project grievance redress mechanism established</p>	<p>15 February 2020</p>		<p>PMU</p>	<p>27</p>

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

Contract No. SER 001: Project Implementations Consulting (PIC), Package CS1

**Quarterly Progress Report No 1: January – March 2020**

Actions	Due by	Status by Reporting Period	Responsible	Para.
<p><b>Financial management</b></p> <p><input type="checkbox"/> Consolidated audited financial statements report (MAFF, MOWRAM and MRD) from 1 October 2018 to 31 December 2019 submitted</p> <p><input type="checkbox"/> Provincial financial management training conducted</p> <p><input type="checkbox"/> Additional financial management and audit training</p>	<p>30 June 2020</p> <p>29 February 2020</p> <p>30 November 2020</p>		<p>PMU</p> <p>CS1 Package</p> <p>ADB</p>	<p>28</p>
<p>Project performance monitoring system finalized and included as part of the first quarterly report for 2020</p>	<p>15 February 2020</p>		<p>CS1</p>	<p>29</p>
<p>Project web site with links to ADB Anticorruption and Integrity Office, and MAFF web site established</p>	<p>31 March 2020</p>	<p>Done</p>	<p>EA, CS1, CS2 and CS5</p>	<p>30</p>
<p>Final inception report to ADB submitted</p>	<p>15 February 2020</p>	<p>Done</p>	<p>EA, CS1, CS2, and CS5</p>	<p>31</p>
<p>Next review mission</p>	<p>August 2020</p>		<p>ADB and PMU</p>	<p>33</p>

## **R. STATUS OF COMPLIANCE WITH LOAN AND GRANT COVENANTS**

82 The status of the compliance with the loan and grant covenants is shown in **Annex 8**.

## **S. CONSULTANTS INPUT**

83 In this reporting period, there are 3 consultants team mobilized, viz, CS1, CS2 and CS5.

84 **Annex 9** reports on the TA input of CS1.

85 **Annex 10** reports on the TA input of CS2

86 **Annex 11** reports on the TA input of CS5.

## Minutes of Understanding showing Agreed Action Plan

Actions	Due by	Responsible	Para.
Training on procurement, financial management and audit, social and environment safeguards, gender mainstreaming and project performance monitoring conducted	30 September (annually)	PMU and CS teams	8
2020 work plan and budget approved including the updated procurement plan	15 February 2020	PSC	9 & 23
<b>Consultants mobilization</b>			
<input type="checkbox"/> CVs of qualified deputy team leaders submitted to ADB	15 February 2020	PMU	10
<input type="checkbox"/> CVs of other remaining experts (to be mobilized) including non-key experts for all 3 packages submitted to ADB	29 February 2020	PMU	
<b>Irrigation and water management</b>			
<ul style="list-style-type: none"> <li>• Topographic surveys, feasibility studies, DED (including safeguards screening) and approvals for 5 irrigation subprojects (~ 4,050 ha) completed</li> <li>• Contract signing for the completed schemes</li> </ul>	31 July 2020  31 October 2020	CS5, MOWRAM	19(i)
<input type="checkbox"/> Pre-screening for the succeeding 11 irrigation schemes (equivalent to 8,260 ha) completed	30 November 2020		
<input type="checkbox"/> Invitation for bids for Trapaing Run Irrigation subproject issued	30 April 2020		
<input type="checkbox"/> Design for two drip irrigation demonstrations and 200 on-farm rainwater harvesting ponds completed	30 November 2020	CS1, PMU	
<b>Agriculture cooperatives</b> Invitation for bids for 20 agriculture cooperatives including solar energy (4 packages) issued	31 August 2020	CS2, MAFF	19(ii)
<b>Rural connectivity infrastructure</b> Invitation for bids for 4 rural road subprojects (2 packages for 68km) issued	31 August 2020	CS5, MRD	19(iii)
<b>Laboratory infrastructure</b>			
(i) Mobilization of national laboratory coordinator	(i) 29 February 2020	CS2, GDA	19(iv)
(ii) Biotechnology laboratory infrastructure and equipment needs re-assessed	(ii) 31 May 2020		
(iii) Capacity needs of laboratory staff assessed	(iii) 31 May 2020		
(iv) Laboratory infrastructure and equipment needs prioritized	(iv) 30 June 2020		
(v) Tender documents prepared	(v) 31 August 2020		
(vi) Training program for laboratory staff conducted	(vi) 30 November 2020		
(vii) Invitation for bids to supply laboratory equipment issued	(vii) 30 November 2020		

Actions	Due by	Responsible	Para.
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<b>Renewable energy infrastructure</b> (i) Bidding document for installing 1000 biodigesters and 500 compost huts prepared	(i) 30 April 2020	CS1, CS2, GDAHP	19(v)
(ii) Eligible bidders for the biodigesters and compost huts identified	(ii) 31 August 2020	CS2, GDAHP and NBP	
(iii) Two training and marketing campaigns conducted	(iii) 30 November 2020		
<b>Climate-resilient varieties</b> <ul style="list-style-type: none"> <li>• Terms of reference for IRRI (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>	15 February 2020  15 March 2020  31 October 2020	CARDI and CS2	20(i)
<b>Capacity Building</b> <ul style="list-style-type: none"> <li>• 16 staff from GDA attend the “training of trainers” workshop on sustainable rice platform (SRP)</li> <li>• Farmer's capacity (1,000 farmers with 300 women) on SRP compliance strengthened</li> </ul>	31 March 2020  30 November 2020	GDA, CS2, PDAFF	20(ii)
<ul style="list-style-type: none"> <li>• Draft training program on CSA finalized</li> <li>• Comprehensive needs assessment completed and training manuals and materials for agricultural cooperatives prepared</li> <li>• 100 mango farmers (at least 30 women) trained on compliance with CAMGAP for tropical fruit</li> </ul>	31 July 2020 30 November 2020  30 November 2020	CS2 and GDA	
<ul style="list-style-type: none"> <li>• National farmer water user community (FWUC) training specialist mobilized</li> <li>• Training needs assessment in four project provinces conducted</li> <li>• Training materials for FWUC/FWUG prepared</li> </ul>	29 February 2020 30 April 2020 31 July 2020	CS2, MOWRAM, PDWRAM	
<b>Farm mechanization and extension</b> <ul style="list-style-type: none"> <li>• List of staff for farm mechanization training provided to CS2</li> <li>• Training program on farm mechanization to provincial agricultural development centers and farm mechanization workshops finalized</li> </ul>	30 April 2020 30 November 2020	CS2, GDA	20(iii)
<b>Agribusiness policy and standards</b> <ul style="list-style-type: none"> <li>• Working group and technical committee for Biodigester and Bio slurry standards established</li> <li>• National bio slurry specialist mobilized</li> <li>• Action plan to harmonized standards developed</li> <li>• Discussions with the Cambodia Rice Federation and GDA to develop an approach to pursuing commercialization of SRP standards completed</li> </ul>	30 April 2020  29 February 2020 30 Jun 2020  31 August 2020	GDAHP / CS2	21(i)

Actions	Due by	Responsible	Para.
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<b>Climate finance and Public-Private Partnerships (PPP)</b> <ul style="list-style-type: none"> <li>• Draft action plan on PPP reviewed by PMU</li> <li>• International and national green finance specialists mobilized</li> <li>• Rice crop-centric PPP platform established</li> <li>• Inter-ministerial committee on PPP established</li> </ul>	28 February 2020 31 March 2020 30 April 2020 31 August 2020	CS2 and PMU	21(ii)
<b>ICT for climate risk management</b> <ul style="list-style-type: none"> <li>• Terms of reference for CS4 – ICT package completed</li> <li>• Invitation for expressions of interest for CS4 Package - ICT issued</li> </ul>	31 March 2020 30 April 2020	ADB PMU	21(iii)
<b>Safeguards</b> Semi-annual social and environmental safeguards monitoring report for January-June 2020	31 July 2020	PMU, CS1, and CS5	25
<b>Gender Action Plan</b> <ul style="list-style-type: none"> <li>• Annual work plan for GAP implementation developed</li> <li>• Orientation on GAP implementation provided</li> <li>• First GAP report (Oct 2018 to 31 Dec 2019) submitted</li> </ul>	14 February 2020 31 March 2020 30 April 2020	CS1	26
Project grievance redress mechanism established	15 February 2020	PMU	27
<b>Financial management</b> <ul style="list-style-type: none"> <li>□ Consolidated audited financial statements report (MAFF, MOWRAM and MRD) from 1 October 2018 to 31 December 2019 submitted</li> <li>□ Provincial financial management training conducted</li> <li>□ Additional financial management and audit training</li> </ul>	30 June 2020 29 February 2020 30 November 2020	PMU CS1 Package ADB	28
Project performance monitoring system finalized and included as part of the first quarterly report for 2020	15 February 2020	CS1	29
Project web site with links to ADB Anticorruption and Integrity Office, and MAFF web site established	31 March 2020	EA, CS1, CS2 and CS5	30
Final inception report to ADB submitted	15 February 2020	EA, CS1, CS2, and CS5	31
Next review mission	August 2020	ADB and PMU	33



**កំណត់ហេតុ**  
**ស្តីពី**

**កិច្ចប្រជុំគណៈកម្មាធិការដឹកនាំគម្រោងខ្សែប្រវែងវ៉ាក់សាំងកម្ពុជាដោយភាគរៈបរិស្ថានលើកទី២**

ឆ្នាំពីរពាន់ម្ភៃ ខែមករា ថ្ងៃទីម្ភៃប្រាំបី វេលាម៉ោង០៩និង០០នាទីព្រឹក នៅបន្ទប់ប្រជុំផ្ការមៀតនៃអគារផ្ការដួល មានកិច្ចប្រជុំគណៈកម្មាធិការដឹកនាំគម្រោងខ្សែប្រវែងវ៉ាក់សាំងកម្ពុជាដោយភាគរៈបរិស្ថាន(CFAVC)។ កិច្ចប្រជុំនេះស្ថិត ក្រោមអធិបតីភាព **ឯកឧត្តម ម៉ែម អំណត់** រដ្ឋលេខាធិការក្រសួង និងជាប្រធានគណៈកម្មាធិការដឹកនាំគម្រោង CFAVC ដែលមានសមាសភាពចូលរួមជាសមាជិកនៃគណៈកម្មាធិការដូចមានបញ្ជីវត្តមានជូនភ្ជាប់ ដើម្បីពិភាក្សា លើរបៀបវារៈមានដូចខាងក្រោម៖

- ១-មតិបើកកិច្ចប្រជុំ របស់ឯកឧត្តមប្រធាន។
- ២-របាយការណ៍វឌ្ឍនភាពរបស់គម្រោង CFAVC។
- ៣-ឆ្លងផែនការសកម្មភាពនិងផែនការថវិកាប្រចាំឆ្នាំ២០២០។
- ៤-ស្នើពិនិត្យនិងសម្រេចលើការដឹកស្រះទឹកនិងប្រព័ន្ធស្រោចស្រពបែបដំណាក់ទឹក។
- ៤-ស្នើសុំធាតុចូលបន្ថែមលើក្រុមហ៊ុនទីប្រឹក្សា។
- ៥-បញ្ហាផ្សេងៗ។

ជាកិច្ចចាប់ផ្តើម ឯកឧត្តមប្រធានអង្គប្រជុំបានសំដែងការគួរសម និងស្វាគមន៍ដល់សមាជិកអង្គប្រជុំហើយ បានស្នើឲ្យលោកបណ្ឌិត សំ ឆោមសង្ហា អគ្គលេខាធិការរងនិងជានាយកគម្រោង ធ្វើរបាយការណ៍ជូនអង្គប្រជុំជ្រាប ពីវឌ្ឍនភាពនៃការចាប់ផ្តើមគម្រោង CFAVC។

**លោកបណ្ឌិត សំ ឆោមសង្ហា** ដោយបានការអនុញ្ញាតពីឯកឧត្តមប្រធាន ខ្ញុំសូមរាយការណ៍ពីវឌ្ឍនភាពដូចតទៅ៖

-ការចាប់ផ្តើមគម្រោងនេះកកើតតាំងពីថ្ងៃទី១ ខែតុលា ឆ្នាំ២០១៨ ហើយការចាប់ផ្តើមរៀបចំសមាសភាព អនុវត្តគម្រោងក្នុងខែតុលា វិច្ឆិកា ធ្នូ ឆ្នាំ២០១៨ និងទទួលបានការឯកភាពទាំងស្រុងពីក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ ឲ្យមន្ត្រីគម្រោងទទួលបានប្រាក់ឧបត្ថម្ភចាប់ពីថ្ងៃទី១ ខែមករា ឆ្នាំ២០១៩។ កិច្ចការនេះបានពន្យារពេលអស់រយៈ ពេល១ឆ្នាំដោយសារបញ្ហាផ្សេងៗ ដូចជាការជ្រើសរើសក្រុមហ៊ុនទីប្រឹក្សាកម្រិតមធ្យម មន្ត្រីលទ្ធកម្មរបស់យើង ការយល់ដឹងផ្លូវច្បាប់ពាក់ព័ន្ធនៅមានកម្រិត និងក្រុមហ៊ុនខ្លះស្ថិតក្នុងបញ្ជីខ្មៅជាដើម....

-មកទល់ពេលនេះ ដំណើរការជ្រើសរើសសេវាកម្មទីប្រឹក្សា គម្រោងសម្រេចជ្រើសរើសបានក្រុមហ៊ុនសេវា ទីប្រឹក្សា CS1, CS2 និងCS5 ជាអាទិភាពសម្រាប់ដំណើរការការងាររបស់គម្រោង។ ទីប្រឹក្សាបីក្រុមហ៊ុននេះ មាន ភាពមមាញឹកក្នុងរយៈពេលបីខែចាប់ពីខែវិច្ឆិកាឆ្នាំ២០១៩ ដោយបានចុះមូលដ្ឋានពិនិត្យទីតាំងនៃគម្រោង ក្នុងនោះ រៀបចំបានរបាយការណ៍ចាប់ផ្តើមគម្រោង និងផែនការសកម្មភាពនិងផែនការថវិកាប្រចាំឆ្នាំ២០២០ ដើម្បីដាក់ជូន គណៈ-កម្មាធិការដឹកនាំគម្រោង ពិនិត្យ និងសម្រេចនាពេលនេះ

-យើងបានសហការជាក្រសួងធនធានទឹក និងឧតុនិយម និងក្រសួងអភិវឌ្ឍន៍ជនបទលើការចុះតាមខេត្ត កំណត់ទីតាំងនិងរៀបចំរបាយការណ៍ចាប់ផ្តើមគម្រោង (Inception Report) ហើយក៏បានរៀបចំសិក្ខាសាលាស្តីពី ការចាប់ផ្តើមគម្រោងនៅថ្ងៃទី២១-២២ ខែមករា ឆ្នាំ២០២០

-បញ្ហាប្រឈមលើការខ្វះបន្ទប់ មធ្យោបាយធ្វើដំណើរ និងសម្ភារៈ ដែលបានលើកក្នុងកិច្ចប្រជុំលើកទី១ ត្រូវ បានដោះស្រាយគិតមកទល់ពេលនេះ។ បញ្ហានៅសេសសល់ដូចជាឧបករណ៍និងសម្ភារៈការិយាល័យ នឹងត្រូវទទួល បាននូវការផ្គត់ផ្គង់នៅក្នុងថ្ងៃទី១៥ ខែកុម្ភៈ ឆ្នាំ២០២០ខាងមុខនេះតាមរយៈកិច្ចសន្យាដែលយើងបានចុះ

-ពាក់ព័ន្ធនឹងការងារ Disbursement យើងបានជួបបញ្ហាប្រឈមដោយសារមិនមានផែនការសកម្មភាព សម្រាប់ឆ្នាំ២០១៩ ធ្វើឲ្យយើងមិនអាចធ្វើការប្រៀបធៀបអំពីការចំណាយជាក់ស្តែងជាមួយនឹងការចំណាយគ្រោងទុក



ថា តើបានប៉ុន្មានភាគរយធៀបនឹងផែនការ។ ដូចនេះ ក្នុងឆ្នាំ២០២០ យើងនឹងរៀបចំផែនការសកម្មភាពនិងថវិកា ដើម្បីឲ្យដឹងថា អង្គការគ្រប់គ្រងគម្រោងនីមួយៗត្រូវប្រើ ថវិកាអស់ប៉ុន្មានដែលលោកទីប្រឹក្សានឹងធ្វើបទបង្ហាញនា ពេលបន្តិចទៀតនេះ

-ខ្ញុំសូមជូនលោកប្រធានទីប្រឹក្សាធ្វើបទបង្ហាញរាយការណ៍ ជូនអង្គប្រជុំអំពីផែនការសកម្មភាពនិងផែនការ ថវិកាប្រចាំឆ្នាំ២០២០ ដើម្បីពិនិត្យនិងសម្រេច។

**ឯកឧត្តម ម៉ែម អំណត់៖** ខ្ញុំសូមអរគុណនាយកគម្រោងមានយោបល់រាយការណ៍ជូនអង្គប្រជុំ។ តាមសកម្មភាព គម្រោងឃើញថា មានការផ្គត់ផ្គង់ឧបករណ៍ Lab សម្រាប់អគ្គនាយកដ្ឋានកសិកម្មឆ្នាំ២០១៩និង២០២០ តែតាម បទបង្ហាញមិន មានគ្រោងសម្រាប់២០២០ទេ ឬក៏មាននៅកន្លែងណាដែលខ្ញុំតាមមិនទាន់ ស្នើមានការពន្យល់។

**លោកបណ្ឌិត សំ ឆោមសន្ធា៖** សូមជម្រាបជូនជ្រាបថា ការផ្គត់ផ្គង់ឧបករណ៍Lab សម្រាប់អគ្គនាយកដ្ឋានកសិកម្ម ថ្ងៃស្អែក ADBនិងទីប្រឹក្សានឹងជួបជាមួយអគ្គនាយកដ្ឋានកសិកម្មនឹងជជែកលម្អិតថាតើត្រូវមានឧបករណ៍សម្រាប់ ឡាបូនៅឆ្នាំ២០២០ ឬ២០២១ ដើម្បីរៀបចំនិងជំរុញការងារនេះ ដែលទាក់ទងនឹងការងារធនធានទឹកនិងអភិវឌ្ឍន៍ ជនបទ ត្រូវការជជែកគ្នាច្រើនទៀត ទើបទីប្រឹក្សាមិនទាន់បានដាក់បញ្ចូលនៅឡើយ។ តែបើនៅថ្ងៃស្អែកមានការ ឯកភាពគ្នាយើងនឹងបញ្ចូលក្នុងផែនការសកម្មភាពនិងផែនការថវិកាឆ្នាំ២០២០ ក្នុងនោះក៏មានខាងអគ្គនាយកដ្ឋាន សុខភាពសត្វនិងផលិតកម្មសត្វដែរ។

**ឯកឧត្តម ម៉ែម អំណត់៖** ខ្ញុំមានការចាប់អារម្មណ៍បន្តិច កិច្ចប្រជុំថ្ងៃនេះ ជាការប្រជុំអនុម័តផែនការសកម្មភាពនិង ផែនការថវិកាឆ្នាំ២០២០ តែតាមការរាយការណ៍របស់លោកនាយកគម្រោង ដូចជាមិនច្បាស់លាស់ដែលនៅមាន ចំណុចសេសសល់មិនទាន់បញ្ចូលក្នុងផែនការនេះ ហើយថាអង្គប្រជុំនេះសម្រេចរួចហើយក៏យកទៅកែប្រែបញ្ចូល បន្ថែមនិងសុំសម្រេចជាថ្មីទៀតដែលជាការងាយយកមកដាក់ចំពោះការផ្គត់ផ្គង់ឧបករណ៍Lab សម្រាប់អគ្គនាយកដ្ឋានកសិកម្ម កុំឲ្យគម្រោងនេះរំលងទៅពីមួយឆ្នាំទៅមួយឆ្នាំការងារឡាបូនេះចេះតែអូសបន្លាយ។ យើងក៏មានគម្រោងមួយរបស់ ជប៉ុនដែលនឹងចុះហត្ថលេខាលើកំណត់ហេតុហើយនឹងអនុវត្តនៅឆ្នាំ២០២០នេះ។ ភាគីជប៉ុនគេដឹងថាគម្រោងយើង នេះមានការផ្គត់ផ្គង់ឧបករណ៍Lab សម្រាប់អគ្គនាយកដ្ឋានកសិកម្ម ប្រយ័ត្នជប៉ុនមកកសាងសមត្ថភាពដល់មន្ត្រីមន្ទីរ ពិសោធន៍លើការប្រើប្រាស់ឧបករណ៍ឡាបូរបស់អគ្គនាយកដ្ឋានកសិកម្ម ស្រាប់តែបែរជាយើងនៅមិនទាន់មានបំពាក់ ឧបករណ៍នៅឡើយ។

**ឯកឧត្តម ចាន់ សុខធី៖** កម្មវត្ថុថ្ងៃនេះ ពិនិត្យមើលរបាយការណ៍វឌ្ឍនភាពនិងឆ្លងផែនការសកម្មភាពនិងផែនការ ថវិកាប្រចាំឆ្នាំ២០២០ តែយើងហាក់មិនទាន់បានយល់និងជ្រាបពីទស្សនទាននៃគម្រោងនេះ។ ស្នើបកស្រាយនិង ពន្យល់ពីទស្សនទានរបស់គម្រោងសិន មិនអាចផ្តើមពីការពិនិត្យនិងសម្រេចលើផែនការសកម្មភាពនិងផែនការថវិកា ប្រចាំឆ្នាំ២០២០តែម្តងនោះទេ ដំបូងគួរឲ្យសមាជិកគណៈកម្មាធិការដឹកនាំគម្រោងយល់ពីគម្រោងនេះសិន ខ្ញុំចង់ដឹង ថា គម្រោងនេះគេធ្វើអ្វីនិងមានប្រយោជន៍អ្វីខ្លះដែរ។ គម្រោងនេះ គួរមានការចូលរួមជជែកគ្នាឲ្យបានស៊ីជម្រៅ ដើម្បីជៀសវាងការជាន់គ្នានាំខាតថវិការដ្ឋ ពីព្រោះក្រសួងខ្ញុំក៏មានគម្រោង AIM ២ឆ្នាំហើយ តែនៅមិនទាន់មាន ប្រព័ន្ធតាមដានលទ្ធផល។ ម្យ៉ាងទៀត ឯកសារប្រជុំដែលជារបៀបវារៈនៃកិច្ចប្រជុំ គួរបញ្ជូនឲ្យដល់ដៃសមាជិក អង្គប្រជុំមុន បើមិនដូច្នោះទេ យើងប្រាកដជាតាមមិនទាន់និងចាប់មិនបានលើការធ្វើបទបង្ហាញនេះទេ។

**ឯកឧត្តម ចាន់ ស៊ីណាត៖** ខ្ញុំឯកភាពលើរបៀបវារៈដែលបានលើកឡើង។ មុនគម្រោងចាប់ផ្តើម ការយល់ដឹងពី ទស្សនទាន ចក្ខុវិស័យ និងបេសកកម្មជាការចាំបាច់។ មុននឹងការអនុម័តគម្រោងនីមួយៗដែលជា Loan or Grant ក្តី ក្រសួងដែលត្រូវអនុវត្តគម្រោងបានសហការជាមួយក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុច្បាស់ណាស់ ហើយក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុបានតាមដានច្បាស់ណាស់អំពីព័ត៌មានគម្រោងថាជាន់ជាមួយគម្រោងណាមួយនោះ។ ចំណែកឯក្រសួង ពាណិជ្ជកម្ម ខ្ញុំគិតថា បើសិនជាក្រសួងជំនាញទាំងអស់ពេលចាប់ផ្តើមគម្រោង បានចូលរួមតាមដានពីដើមដល់ចប់ ជាការល្អ។

**ឯកឧត្តម ម៉ែម អំណត់៖** មុនកិច្ចប្រជុំគណៈកម្មាធិការដឹកនាំគម្រោង CFAVCថ្ងៃនេះ អង្គប្រជុំកាលពីលើកទី១បាន បកស្រាយលម្អិតពីPAMក៏ច្រើនណាស់ហើយដែរ ហើយក៏បានណែនាំឲ្យស្គាល់គ្នានិងបានបង្ហាញពីoutput1 output2



output3 និងoutcome គម្រោងហើយដែរ។ ដូចនេះ សមាជិកគណៈកម្មាធិការដឹកនាំគម្រោងបានដឹងអំពីកិច្ចការនៃ គម្រោងនេះ តែថាមិនដឹងឬមិនបានផ្សព្វផ្សាយដូចជាមិនត្រឹមត្រូវទេ ប៉ុន្តែអាចថាការផ្សព្វផ្សាយពីគម្រោងនៅមាន កម្រិត។ ស្នើលោកនាយកគម្រោង សង្ខេបពីខ្លឹមសារនៃគម្រោងជូនអង្គប្រជុំប្រហែល៥នាទីបានហើយ។

**លោកបណ្ឌិត សំ សោមសន្ធា៖** ខ្ញុំសូមអនុញ្ញាតពីឯកឧត្តមប្រធានអានតែម្តងនូវខ្លឹមសារនៃគម្រោងជូនអង្គប្រជុំនិង សូមបញ្ជាក់ជូនដែរថា យើងបានបញ្ជូនឯកសារគម្រោងគឺ PAM ទៅគ្រប់ក្រសួងពាក់ព័ន្ធ។

**ឯកឧត្តម ម៉ម អំណត៖** ខ្ញុំឯកភាពជាមួយឯកឧត្តមក្រសួងពាណិជ្ជកម្ម មុនជាក់ជូនអង្គប្រជុំត្រូវបញ្ជូនឯកសារដល់ដៃ សមាជិកអង្គប្រជុំឲ្យគេបានអាននិងពិនិត្យជាមុន មុនចូលរួមប្រជុំ។

**លោកបណ្ឌិត សំ សោមសន្ធា៖** ខ្ញុំសូមទទួលយកការទទួលខុសត្រូវនេះ និងសុំអភ័យទោសដែលមិនបានផ្តល់ ឯកសារឲ្យដល់ដៃសមាជិកអង្គប្រជុំជាមុន វាជាកំហុសធំលើការយឺតយ៉ាវនេះដែលធ្វើឲ្យអង្គប្រជុំយើងមិនបានជ្រាប ច្បាស់ក្នុងនោះ លិខិតអញ្ជើញក៏មានការយឺតយ៉ាវដែរ។ ឯតួលេខដែលបានដាក់ក្នុងផែនការនេះ គឺមានការឯកភាព ពីមន្ទីរនៃក្រសួងទាំងបីជាមួយនឹងទីប្រឹក្សា ឯការងារចំនួនឡើយខ្ពស់និងរោងដីកំប៉ុស្តិ៍បានឯកភាពគ្នាដែរ។

**លោក អ៊ុំ វណ្ណៈ** សកម្មភាពពាក់ព័ន្ធក្រសួងអភិវឌ្ឍន៍ជនបទលើការកសាងផ្លូវតភ្ជាប់ពីកន្លែងផលិតទៅកាន់ទីផ្សារគឺ បានតភ្ជាប់ពីសហគមន៍កសិកម្មនីមួយៗហើយ។ ក្នុងផែនការ២០២០នេះ ក្រសួងអភិវឌ្ឍន៍ជនបទត្រូវកសាងផ្លូវប្រវែង ៦៨គីឡូម៉ែត្រ តាមពីរប្រភេទគឺផ្លូវ DBST និងផ្លូវបេតុងហើយទទឹងផ្លូវគឺចាប់ពី៥ទៅ៦ម៉ែត្រហើយទទឹងផ្លូវកន្លែងផ្សេង ទៀតអាច មានការប្រែប្រួលបន្តិចបន្តួចទៅតាមស្ថានភាពជាក់ស្តែងរបស់ទីតាំងផ្លូវនីមួយៗ ការប្រើប្រាស់ថវិកានិយោគ លើការកសាងផ្លូវភ្ជាប់ទៅសហគមន៍កសិកម្មនេះ គឺមានលក្ខណៈសន្សំសំចៃដែរ ដែលតម្រូវឲ្យមានការសិក្សាឲ្យបាន បានច្បាស់លាស់ទៅលើផ្នែកជលសាស្ត្រ ដូចជាការគណនាធារទឹក ល្បឿនទឹក និងប្រភពទឹកនានាដែលស្ថិតនៅក្នុង តំបន់ជុំវិញគម្រោងដែលនឹងមានឥទ្ធិពលមកលើហេដ្ឋារចនាសម្ព័ន្ធជនបទ ហើយការសិក្សាទៅលើជលសាស្ត្រនេះឲ្យ បានច្បាស់លាស់និងស៊ីជម្រៅ ដើម្បីជាមូលដ្ឋានផ្តល់ព័ត៌មានវិស្វកម្មជំនាញខាងផ្លូវរៀបចំឌីហ្សាញនូវសំណង់សិល្បការ មួយចំនួននៅតាមបណ្តោយដងផ្លូវថ្មីរបស់គម្រោង ដើម្បីដោះទឹកពីUpstream មក Downstream ឲ្យបានល្អប្រសើរ ទាំងឌីហ្សាញផ្លូវបានល្អទាំងផ្លូវបេតុង និងផ្លូវកៅស៊ូពីរជាន់ (DBST) ឲ្យមានគុណភាពខ្ពស់និងប្រើប្រាស់បានយូរ អង្វែងនិងធន់ ទៅនឹងបម្រែបម្រួលអាកាសធាតុ។ ក្រសួងអភិវឌ្ឍន៍ជនបទ ស្នើ DTL មកបង្ហាញមុខនិងចូលរួម អនុវត្ត ការងារឲ្យបានជិតស្និទ្ធជាមួយក្រសួង លើចម្រើនសេវាបានហើយតែនៅមិនទាន់មកបង្ហាញខ្លួននៅឡើយ និងសំណូមពរ ឲ្យការរៀបចំTORឲ្យបានឆាប់បំផុតដើម្បីជ្រើសរើសក្រុមសិក្សា Topographical survey team ដើម្បីចុះប្រមូលទិន្នន័យ ផ្លូវ និងធ្វើការវាយតម្លៃ Geographical assesment on existing road និងរាប់ចំនួនចរាចរ នៃខ្សែផ្លូវនីមួយៗរបស់អនុគម្រោង សម្រាប់ផែនការឆ្នាំ២០២០ដែលត្រូវគ្រោង និងរៀបចំឌីហ្សាញនិងគំនូសប្លង់ ការធ្វើបញ្ជីប៉ាន់តម្លៃទៅលើតម្លៃជាក់ស្តែង របស់ខ្សែផ្លូវនីមួយៗ និងរៀបចំលិខិតបទដ្ឋានបច្ចេកទេស និងឯកសារពាក់ព័ន្ធនានាសម្រាប់អនុវត្ត និងរៀបចំឯកសារ ពាក់ព័ន្ធនឹងលទ្ធកម្មតាមកញ្ចប់នីមួយៗ និងធ្វើការប្រគល់កិច្ចសន្យាសម្រាប់អនុវត្តក្នុងផែនការឆ្នាំ២០២០ខាងមុខនេះឲ្យ ទាន់ពេលវេលា ។

**លោក ម៉ាអំស្រឺន៖** ក្នុងផែនការសកម្មភាព ភ្នាក់ងារអនុវត្តគម្រោងរបស់អគ្គនាយកដ្ឋានបានដាក់ស្នើមកហើយពាក់ ព័ន្ធនឹងសកម្មភាពឧបករណ៍ឡាបូ តែហេតុអ្វីខាងជំនាញការប្រកួសមិនបានបញ្ចូលហើយដាក់ទៅ២០២១វិញ តើការងារ ខកខានមិនបញ្ចូល បណ្តាលមកពីសមត្ថភាពខាងក្រុមហ៊ុនឬទីប្រឹក្សាការ ឬមកពីខាងខ្ញុំ ដែលខ្ញុំក៏ភ្ញាក់ផ្អើលដែរ។ ថ្ងៃស្អែក(២៩-០១-២០២០) អគ្គនាយកដ្ឋាននឹងសុំជំនួយទីប្រឹក្សាគម្រោងឡើងវិញ ការរៀបចំឆ្នាំ២០២០ខ្ញុំមិន អាចទទួលយកបានទេ ត្រូវការជំនួយលម្អិត។

**លោក ចិន កុសល៖** ចំណុចនៃការផ្លាស់ប្តូរនេះ គឺឡាបូរបស់ADB គឺយើងផ្តោតទៅជួយលើ GMOដែលមានថវិកា ជាង៣លាន តែថវិកាទាំងអស់នោះ វាឆ្លងការដេញថ្លៃដែលយើងមានបញ្ហាទីប្រឹក្សាមួយចំនួនដោយសារក្នុងPAM មានចែងមិនតម្រូវឲ្យមានទីប្រឹក្សាបរទេសគាំទ្រទេសសម្រាប់នៃកម្រិតសមត្ថភាពឧបករណ៍ឡាបូ ដែលយើងកំពុង ទាក់ទង ADB ដើម្បីរៀបចំឲ្យមានទីប្រឹក្សាបរទេសមួយចាត់ចែងរឿងនេះ។ ក្នុងឆ្នាំ២០២០ យើងមានផែនការរៀបចំ និងរៀបចំនីតិវិធី សម្រាប់ចាត់ចែងឧបករណ៍ផ្គត់ផ្គង់នៅឆ្នាំ២០២១ តែមិនមានខ្ពង់ចំណាយសម្រាប់ឆ្នាំ២០២០ទេ។

**ឯកឧត្តម ចាន់ ស៊ីណាត៖** ខ្ញុំមានមតិមួយចំនួនដូចតទៅ៖



១-ការចូលរួមរបស់វិស័យទឹកនៅក្នុងគម្រោងនេះ យើងនឹងធ្វើប្រព័ន្ធធារាសាស្ត្រចំនួន២៧កន្លែងយ៉ាងតិច ហើយច្រើនបំផុត៣២តាមការគ្រោង ដែលក្នុងឆ្នាំ២០២០នេះ យើងត្រូវធ្វើ១០កន្លែងលើ៤ខេត្ត។

២- យោងតាមគោលការណ៍ច្បាប់និងឯកសារយោងមួយចំនួនរបស់គម្រោង ក្រសួងធនធានទឹក និងឧតុនិយម ត្រូវដឹកស្រះទឹកចំនួន៨០០ហើយនឹងការស្រោចស្រពតាមបែបទំនើបកម្មដោយប្រើដំណក់ទឹក ទឹកសុប្បនិម្មិត តែជា សំខាន់យើងផ្តោតលើ Drip ។ សូមជម្រាបថា ស្រះទឹក៨០០នេះ ក្រសួងធនធានទឹក បានរៀបចំផែនការធ្វើរួចហើយនៅ ក្នុងឆ្នាំ២០២០នេះ ហើយធ្វើជាលក្ខណៈសេដ្ឋកិច្ចហើយជាប្រសប់សហគមន៍និងគោរពតាមលក្ខខណ្ឌ(Criterias) របស់ ADBដែលបានកំណត់។

៣-ចំពោះអ្នកជំនាញដែលត្រូវធ្វើការពី CS1 CS2, CS5 វាមាននៅក្នុងនោះ DTL Social Safeguard និង Environmental Safeguardទៅធ្វើហើយ ប៉ុន្តែមិនមានអ្នកជំនាញខាងគណនេយ្យ គាត់ថាវិស័យបានហើយតែគាត់ ធ្វើការនៅក្រសួងកសិកម្មវិញ មួយទៀតគឺអ្នកជំនាញខាងលទ្ធកម្មព្រោះយើងមានប្រព័ន្ធធារាសាស្ត្រ១០កន្លែង ដែលត្រូវធ្វើក្នុងឆ្នាំ២០២០ ហើយសល់១៧ទៀតដែលយើងត្រូវធ្វើរយៈពេល២២៣ឆ្នាំបន្ទាប់ ហើយស្រះទឹកចំនួន ៨០០និងDrip Irrigation 15 អញ្ជឹងអ្នកជំនាញខាងលទ្ធកម្មត្រូវអង្គុយធ្វើការជាមួយខ្ញុំ ដើម្បីផ្អែកលើផែនការធ្វើប្លង់ លម្អិត BoQ និងធ្វើតម្រូវការផ្សេងៗទៀតក្នុងការងារលទ្ធកម្ម អ្នកជំនាញខាងវិស័យធនធានទឹក ត្រូវទៅធ្វើជាមួយ ក្រសួងធនធានទឹក មិនមែនធ្វើការនៅទីនេះទេ លើកលែងតែគាត់ត្រូវការប្រជុំម្តងម្កាលជាមួយកសិកម្មអញ្ជើញមក ចុះ។

៤-ចំណុចចុងក្រោយ ខ្ញុំស្នើឯកឧត្តមប្អូនពិនិត្យឡើងវិញនូវសមាសភាពគណៈកម្មាធិការដឹកនាំ ខ្ញុំមើលឃើញ ដូចជាច្រើន សុំឲ្យមួយក្រសួងមានតែពីររូបបានហើយ ពីព្រោះក្រសួងកសិកម្មគាត់មាន IAsចំនួន០៣នៅពីក្រោម គាត់ មានតំណាងពី IA មកទៀត ដូច្នោះវាច្រើន អញ្ជឹងយើងពីក្រសួងទាំងអស់មានតែ៣ ៤ទាំងក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ ដូច្នោះទៅ វាមានតែ២រូបបានហើយ បាទច្រើនពេក ពេលធ្វើបទបង្ហាញ ធ្វើការសម្រេចគណៈកម្មាធិការដឹកនាំគម្រោង មានសិទ្ធិសម្រេចនិងការដឹកនាំគម្រោង មួយទៀតខ្ញុំស្នើឲ្យមានសហប្រធានក្នុងការដឹកនាំ ក្នុងករណីឯកឧត្តមប្អូនរស់ ក្រសួងសេដ្ឋកិច្ចដឹកនាំ បើក្រសួងសេដ្ឋកិច្ចរស់ ឯកឧត្តមប្អូនដឹកនាំ។

**ឯកឧត្តម ហែម វណ្ណឌី៖** ខ្ញុំមាន៣ចំណុចខ្លីៗ៖

១-ពាក់ព័ន្ធនឹងរបៀបរបបនៃកិច្ចប្រជុំគណៈកម្មាធិការដឹកនាំគម្រោង យើងបានបង្កើតគណៈកម្មាធិការដឹកនាំ គម្រោង នៅក្នុងSOP យើងក៏បានចែងច្បាស់ដែរ គឺគណៈកម្មាធិការដឹកនាំ តម្រង់ទិសគម្រោង នេះជាកម្រិតគោលនយោបាយ ជាយុទ្ធសាស្ត្រ អញ្ជឹងហើយខ្ញុំសូមជាពិសេសលោកនាយកប្រឹក្សាកាន់គម្រោងផ្ទាល់ក្នុងការរៀបចំរបៀបវារៈក៏ ដូចជាយន្តការនេះសូមបែងចែកការងារឲ្យច្បាស់ មិនអញ្ជឹងទេយើងប្របល់ដូចពេលនេះអញ្ជឹង អ្វីដែលត្រូវលើកយក មកដាក់ជូនគណៈកម្មាធិការពិនិត្យនិងសម្រេច ជាការសុំយោបល់ផ្នែកដឹកនាំសម្របសម្រួលស្ថាប័ន ឯអ្វីដែលជា ក្របខ័ណ្ឌអនុវត្តគឺគេបង្កើតអង្គភាពអនុវត្តគម្រោង ភ្នាក់ងារអនុវត្តគម្រោងក្នុងការដោះស្រាយនិងសម្របសម្រួលផ្ទៃ ក្នុង។

២- ពាក់ព័ន្ធនឹងក្រសួងពាណិជ្ជកម្មដែលថាមិនមានព័ត៌មានគម្រោងនោះ ឯកឧត្តម ចាន់ ស៊ីណាត បានបកស្រាយរួចហើយ ខ្ញុំមិនបន្ថែមទៀតទេ។ ចំពោះឯកសារទោះមិនមានចែកជូនមែនក៏ដោយ តែសមាជិកអាចទាញយក ឯកសារគម្រោងពីគេហទំព័រADB បាន បើអាចចែកម្តងទៀតក៏មិនអីដែរដើម្បីផ្សព្វផ្សាយឲ្យទូលាយពេញទំហឹង។

៣-កម្មវត្ថុពេលនេះគឺឆ្លងផែនការសកម្មភាពនិងផែនការថវិកាសម្រាប់គម្រោង ប៉ុន្តែបើយើងយកមកមើល សារជាតិ គឺសឹងតែឲ្យគណៈកម្មាធិការពិនិត្យមើលលម្អិតមួយៗ មិនអាចទៅរួចទេ កម្រិតនយោបាយមិនអាចជជែក នរណាបានឡាន នរណាមិនទាន់បានធ្វើអីនោះទេ សុំយកទៅជជែកក្នុងក្របខ័ណ្ឌផ្ទៃក្នុង។ ខ្ញុំបានជជែកជាមួយ ជំនាញខ្ញុំហើយ ផែនការសកម្មភាព និងថវិកានេះ មិនទាន់បានពិភាក្សាជាមួយមន្ត្រីជំនាញក្រសួងសេដ្ឋកិច្ចនិង ហិរញ្ញវត្ថុនៅឡើយទេ។ ដូចនេះក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ មិនអាចគាំទ្រនិងអនុម័តលើផែនការសកម្មភាពនិង ផែនការថវិកានេះបានទេ សូមយកទៅជជែកក្នុងកម្រិតបច្ចេកទេសជាមួយមន្ត្រីជំនាញក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ ជាមុនសិនដោយត្រូវមានភាវងចំណាយលម្អិត។ ការងារនេះ អាចទុកពេលពី៣ទៅ៤សប្តាហ៍ទៀតចុះ ថ្វីបើការងារ នេះជាការប្រថាប់ត្រាដោយគណៈកម្មាធិការដឹកនាំគម្រោង តែត្រូវឆ្លងឯកភាពពីជំនាញនៃក្រសួងនីមួយៗសិន មុន នឹងដាក់ប្រជុំសុំការអនុម័ត។



**ឯកឧត្តម ម៉ែ អំណត់៖** ខ្ញុំសុំការបញ្ជាក់ពីហិរញ្ញវត្ថុដែលពីការអនុម័តនេះ ខ្ញុំអនុវត្តជាមួយគម្រោងផ្សេងៗ ការអនុម័ត ផែនការថវិកាដោយគណៈកម្មាធិការដឹកនាំគម្រោងរួចត្រូវដាក់លិខិតសុំការយល់ព្រមពីម្ចាស់លុយនិងក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ ទើបអាចដំណើរការចាយលុយបាន។ ប៉ុន្តែតាមលោកនាយកគម្រោង សំ ឆោមសង្ហា ថាឲ្យតែគណៈ កម្មាធិការដឹកនាំគម្រោងឯកភាពនិងអនុម័តគឺអាចដំណើរការចាយលុយបានហើយ។ ខ្ញុំចង់បញ្ជាក់ឲ្យច្បាស់ពីនីតិវិធីថ្ងៃ នេះ តើពេលគណៈកម្មាធិការដឹកនាំគម្រោងអនុម័តយល់ព្រមហើយ គម្រោងអាចដំណើរការអនុវត្តបានទេ ឬក៏ត្រូវដាក់ លិខិតសុំការយល់ព្រមពីម្ចាស់លុយនិងក្រសួងសេដ្ឋកិច្ចនិងហិរញ្ញវត្ថុ ទើបអាចដំណើរការចាយលុយបាន?

**លោកបណ្ឌិត ស្រីនីវ៉ាសាន អនចារ៖** គណៈកម្មាធិការដឹកនាំគម្រោងអនុម័តយល់ព្រមហើយ ហាក់មិនចាំបាច់សុំ ការយល់ព្រមទៀតទេ ដោយគណៈកម្មាធិការនេះ មានតំណាងក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ និងក្រសួងពាក់ព័ន្ធរួច ហើយ។

**ឯកឧត្តម ហែម វណ្ណឌី៖** មែនទែនទៅជាមួយADB ជានីតិវិធីដូចលោកបណ្ឌិត ស្រីនីវ៉ាសាន អាន់ថា បាន ប្រសាសន៍ ពេលគណៈកម្មាធិការដឹកនាំគម្រោងឯកភាពនោះអនុវត្តបាន តែដូចឯកឧត្តមប្រធានលើកឡើងដូចជា WB IFAD ជាដើម មាននីតិវិធីផ្សេងគឺជំរុញឲ្យមានការសុំសច្ចាប័នគោលការណ៍ចុងក្រោយមួយទៀតពីក្រសួងសេដ្ឋកិច្ចនិង ហិរញ្ញវត្ថុទើបអនុវត្ត ទោះមានតំណាងពីក្រសួង ស្ថាប័ននៅក្នុង Project Steering Committee តែតាមការចាយថវិកា រដ្ឋគឺមានការធានាចំណាយ។ ដូច្នេះ ជាចុងក្រោយទាមទារឲ្យមានការគាំទ្រកម្រិតនយោបាយសិន ពីព្រោះក្រសួង សេដ្ឋកិច្ចនិងហិរញ្ញវត្ថុជាអ្នកផ្តល់គោលការណ៍យល់ព្រមលើធានាចំណាយ។

**ឯកឧត្តម ម៉ែ អំណត់៖** លោកនាយកគម្រោង បញ្ហាផែនការសកម្មភាពនិងផែនការថវិកាឆ្នាំ២០២០ តាមក្រសួង សេដ្ឋកិច្ចនិងហិរញ្ញវត្ថុនៅមិនទាន់អាចអនុម័តបានទេនៅពេលនេះ ត្រូវការពេលវេលាជំរុញពិភាក្សាលម្អិតកម្រិត បច្ចេកទេសជាមួយមន្ត្រីជំនាញក្រសួងសេដ្ឋកិច្ចនិងហិរញ្ញវត្ថុសិន។ ឥឡូវមើលទៅមិនទាន់ចេញរួចទេ អញ្ជឹងត្រូវការ ឲ្យលោកនាយកគម្រោង ធ្វើការសម្របសម្រួលឲ្យមានការពិភាក្សាឯកភាពគ្នាក្នុងកម្រិតក្របខ័ណ្ឌបច្ចេកទេសនៃ ក្រសួង ស្ថាប័ននីមួយៗសិន ចាំដាក់ប្រជុំគណៈកម្មាធិការដឹកនាំគម្រោងពិនិត្យនិងសម្រេច។

**លោកបណ្ឌិត សំ ឆោមសង្ហា៖** ជាការពិតនៅក្នុងបទបង្ហាញរបស់លោកទីប្រឹក្សាពិតជាមិនមានលម្អិតអំពីតារាង ចំណាយមែន តែនៅក្នុងសៀវភៅផែនការគឺមានលម្អិតអស់ហើយ ហើយក៏មានការឯកភាពពីក្រសួងប្តីរួចហើយដែរ។ ថ្ងៃនេះខ្ញុំក៏មិនសង្ឃឹមថា មានការអនុម័តលើផែនការ២០២០ដែរដោយសារយើងនៅមិនទាន់បានជជែកឆ្លងជាមួយ ជំនាញនៃក្រសួងសេដ្ឋកិច្ចនិងហិរញ្ញវត្ថុនៅឡើយមុនដាក់ប្រជុំនាពេលនេះ។ ខ្ញុំសូមទទួលយកកិច្ចការនេះទៅពិភាក្សា លម្អិតជាមួយមន្ត្រីជំនាញនៃក្រសួងសេដ្ឋកិច្ចនិងហិរញ្ញវត្ថុឲ្យមានការឯកភាព ដើម្បីដាក់សុំការអនុម័តជាថ្មីពី គណៈ កម្មាធិការដឹកនាំគម្រោង។

**ឯកឧត្តម ចាន់ ស៊ីណាត៖** ខ្ញុំលើកច្រើនដងហើយ ហើយបានជួបខាងADB ថា ស្រះទឹកចំនួន៨០០និង Drip ចំនួន ១៥ ត្រូវអនុវត្តដោយក្រសួងធនធានទឹកនិងឧតុនិយម នេះផ្អែកតាមច្បាប់ និងការរៀបចំនិងការប្រព្រឹត្តទៅរបស់ក្រសួង។ កន្លងទៅ ក្រសួងកសិកម្ម រុក្ខាប្រមាញ់ និងនេសាទបានធ្លាប់ធ្វើកិច្ចការនេះមួយចំនួន ហើយក្រសួងអភិវឌ្ឍន៍ធនបទ និង ក្រសួងមហាផ្ទៃក៏ធ្លាប់បានធ្វើកិច្ចការនេះ ប៉ុន្តែចាប់ពីពេលនេះតទៅអត់អនុញ្ញាតឲ្យធ្វើទៀតទេ យើងត្រូវតែអនុវត្តតាម ច្បាប់កាលណានិយាយពីស្រះទឹក មានស្រះតូច ស្រះមធ្យម ស្រះធំ ហើយនិងការស្រោចស្រពដោយប្រើប្រាស់ទឹកតិច (Drip) ត្រូវអនុវត្តដោយក្រសួងធនធានទឹកជាធរមាន។ កន្លងទៅ យើងឲ្យក្រសួងដទៃធ្វើដោយសារតែ យើងគិតធ្វើម៉េចឲ្យ ក្រសួងពាក់ព័ន្ធជួយប្រមូលលុយមកឲ្យប្រទេសយើងឲ្យបានកាន់តែច្រើន ហើយធ្វើយ៉ាងណាប្រជាជនមានបាយហូបនិង ស្បៀងគ្រប់គ្រាន់ តែពេលនេះសេដ្ឋកិច្ចយើង៧% ហើយមានខ្ទង់ចំណាយទៀត ក្រសួងធនធានទឹកត្រូវការលុយនេះ ហើយធ្វើកិច្ចការនេះ អញ្ជឹងយើងមិនអាចអនុញ្ញាតទៀតទេពីព្រោះឲ្យក្រសួងផ្សេងៗធ្វើកន្លងមកខ្លះការទទួលខុសត្រូវ ហើយឆ្លើយដាក់គ្នា។ ម្យ៉ាងទៀត ផ្នែកលើឯកសារ PAM ការងារស្រះទឹក និងDripនេះ ខ្ទង់ចំណាយយកចេញពីខ្ទង់ ចំណាយរបស់ក្រសួងធនធានទឹក។

**លោក ម៉ាអំ សៀន៖** អ្វីដែលពាក់ព័ន្ធនឹងទឹកនេះ ខ្ញុំគិតថា ពាក់ព័ន្ធនឹងច្បាប់ដូចឯកឧត្តមបានលើកអញ្ជឹង តែអគ្គ- នាយកដ្ឋានកសិកម្មមានអាណត្តិកិច្ច(mandate)ធ្វើការងារពាក់ព័ន្ធនឹងផលិតភាពកសិកម្មដោយផ្អែកលើព្រះរាជក្រម បង្កើតក្រសួង អនុក្រឹត្យលេខ១៧,១៨៨ស្តីពីការរៀបចំនិងការប្រព្រឹត្តទៅរបស់ក្រសួង និងអនុក្រឹត្យលេខ១១៨ ស្តីពី



ពាក់ព័ន្ធ ដើម្បីបញ្ជាក់ពីសមាសភាពដែលជាសមាជិក Steering Committee ដែលមិនមែនជាអ្នកអនុវត្តគម្រោង បើជា អ្នកអនុវត្តគម្រោងអាចចូលរួមក្នុង Steering Committee បានគ្រាន់តែជាអ្នកសង្កេតការណ៍ប៉ុណ្ណោះ។

**លោក ទួន សែម៖** ខ្ញុំយល់ស្របទាំងស្រុងជាមួយមតិលោកបណ្ឌិត អ៊ុក ម៉ាការ សូមទុកជូនអ្នកនយោបាយសម្រេច លើការបែងចែកភារកិច្ចនេះ ពិសេសជូនឧបនាយករដ្ឋមន្ត្រីជាអ្នកសម្រេចទើបអាចអារកាត់រឿង។

**ឯកឧត្តម ហែម វណ្ណឌី៖** ពាក់ព័ន្ធនឹងច្បាប់ បើមានវិវាទឬមានការបកស្រាយច្បាប់ ទាល់តែឡើងទៅក្រុមប្រឹក្សា ធម្មនុញ្ញឯណោះ ទើបអាចបកស្រាយបញ្ហាច្បាប់នេះបាន។ ខ្ញុំឯកភាពថា កម្រិត Steering Committee មិនគួរយក រឿងនេះមកបកស្រាយទេ។ ប៉ុន្តែជាក់ស្តែង បញ្ហាទី២ គឺបញ្ហាប្រតិបត្តិការក្នុងឯកសារ PAM មានចែងពីស្រះទឹក និងDrip បើខ្ញុំស្តាប់មិនច្រឡំទេនោះ គឺជាផ្នែកជាក់ស្តែងនៅក្នុងគម្រោងនេះ ជាអកុសលឃើញថានៅក្នុងPAM វា ខ្វែងគ្នា សកម្មភាពអនុវត្តដោយកសិកម្ម តែក្នុងតារាងចំណាយយកលុយពីក្រសួងធនធានទឹក។ ដូច្នេះ ទុកជូនកម្រិត នយោបាយ ថ្នាក់ឧបនាយករដ្ឋមន្ត្រី ឬប្រមុខរាជរដ្ឋាភិបាលសម្រេច ទើបដាច់ស្រេចសម្រាប់ការអនុវត្ត។

**ឯកឧត្តម ម៉ែ អំណត់៖** ការងារនេះ ខ្ញុំនឹងរាយការណ៍ជូនឯកឧត្តមរដ្ឋមន្ត្រីក្រសួងកសិកម្ម រុក្ខាប្រមាញ់ និងនេសាទ ដើម្បីស្នើសុំឯកឧត្តមរដ្ឋមន្ត្រីមានវិធានការដោះស្រាយដោយពិនិត្យសម្រេច ថាតើត្រូវដាក់សំណើជូនឯកឧត្តមបណ្ឌិត សភាចារ្យឧបនាយករដ្ឋមន្ត្រី រដ្ឋមន្ត្រីក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ មានវិធានការពិនិត្យនិងសម្រេចថា ជាសមត្ថកិច្ច របស់ក្រសួងណាជាអ្នកអនុវត្ត?

**ឯកឧត្តម ហែម វណ្ណឌី៖** ពាក់ព័ន្ធនឹងសមាសភាពSteering Committee គួរមានការកាត់បន្ថយ តែស្នើសុំមាន តំណាងតែម្នាក់បានហើយពីក្រសួងនីមួយៗ ។

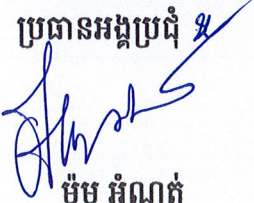
ក្រោយពីបានពិភាក្សាយ៉ាងផុលផុសរួចមក អង្គប្រជុំគណៈកម្មាធិការដឹកនាំគម្រោងCFAVC សម្រេចបាន លទ្ធផលដូចតទៅ៖

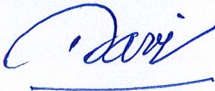
១-ស្នើលោកនាយកគម្រោង យកផែនការនេះ ទៅដកក្នុងកម្រិតបច្ចេកទេសជាមួយមន្ត្រីជំនាញក្រសួង សេដ្ឋកិច្ចនិងហិរញ្ញវត្ថុឲ្យមានការឯកភាពគ្នាជាមុនសិន ដោយត្រូវរៀបចំឲ្យមានតារាងចំណាយលម្អិតមកជាមួយ ដើម្បី ដាក់សុំការយល់ព្រមពីគណៈកម្មាធិការដឹកនាំគម្រោងម្តងទៀត ស្នើរៀបចំឲ្យបានលឿនដែលអាចធ្វើទៅបាន។

២-ការងារស្រះទឹកនិងប្រព័ន្ធស្រោចស្រពដោយដំណាក់ទឹក ឯកឧត្តមប្រធានគណៈកម្មាធិការដឹកនាំគម្រោង នឹងរាយការណ៍ជូនឯកឧត្តមរដ្ឋមន្ត្រីក្រសួងកសិកម្ម រុក្ខាប្រមាញ់ និងនេសាទ ដើម្បីសុំមានវិធានការបន្ត ថាតើត្រូវ លើកសំណើជូនឯកឧត្តមបណ្ឌិតសភាចារ្យ ឧបនាយករដ្ឋមន្ត្រី រដ្ឋមន្ត្រីក្រសួងសេដ្ឋកិច្ច និងហិរញ្ញវត្ថុ មានវិធានការ សម្រេចលើសមត្ថកិច្ចរបស់ក្រសួងដែលត្រូវអនុវត្តការងារស្រះទឹកនិងប្រព័ន្ធស្រោចស្រពដោយដំណាក់ទឹកនេះ ឬត្រូវ ដោះស្រាយតាមវិធីបែបណា។

អង្គប្រជុំបានចប់សព្វគ្រប់នៅវេលាម៉ោងដប់ពីរនិងសាមសិបនាទីរសៀលនាថ្ងៃខែឆ្នាំដដែល ក្រោមបរិយា- កាសប្រកបដោយភាពរីករាយ ស្និទ្ធស្នាល និងស្មារតីទទួលខុសត្រូវខ្ពស់។

ថ្ងៃពុធ ៧ ខែ មេសា ឆ្នាំកុរ ឯកស័ក ព.ស.២៥៦៣  
រាជធានីភ្នំពេញ ថ្ងៃទី ១១ ខែ មេសា ឆ្នាំ២០២០

បានឃើញ និងឯកភាព  
ប្រធានអង្គប្រជុំ  
  
ម៉ែ អំណត់

អ្នកធ្វើកំណត់ហេតុ  
  
អ៊ុ សារី



## A. Procurement Plan

## Basic Data

<b>Project Name:</b> Climate-Friendly Agribusiness Value Chains Sector Project	
<b>Project Number:</b> 48409-002	<b>Approval Number:</b> L3661, L8346, G0579
<b>Country:</b> Cambodia	<b>Executing Agency:</b> Ministry of Agriculture, Forestry and Fisheries
<b>Project Procurement Classification:</b> B	<b>Implementing Agencies:</b> Cambodia Agricultural Research and Development Institute (CARDI) General Directorate of Animal Health and Production (GDAHP) General Directorate of Agriculture (GDA) General Directorate of Technical Affairs of MOWRAM General Directorate of Technical Affairs of MRD
<b>Procurement Risk:</b> Moderate	
<b>Project Financing Amount:</b> US\$ 141,041,000 ADB Financing: \$90,000,000 Cofinancing (ADB Administered): \$40,000,000 Non-ADB Financing: US\$ 11,041,000	<b>Project Closing Date:</b> 31 March 2025
<b>Date of First Procurement Plan:</b> 14 March 2018	<b>Date of this Procurement Plan:</b> 30 January 2020

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

## a. Procurement and Consulting Methods and Thresholds

1. Except as ADB may otherwise agree, the following process thresholds shall apply to procurement of goods and works.

Procurement of Goods and Works		
Method	Threshold	Comments
International Competitive Bidding for Goods	US\$ 1,000,000 and Above	
National Competitive Bidding for Goods	Between US\$ 100,000 and US\$ 999,999	First two contracts subject to prior review.
Shopping for Goods	Up to US\$ 99,999	Post review.
Direct Contracting for Goods	Up to US\$ 5,000	Post review.
International Competitive Bidding for Works	US\$ 3,000,000 and Above	
National Competitive Bidding for Works	Between US\$ 100,000 and US\$ 2,999,999	First of each type of intervention regardless of the value of the contract.
Shopping for Works	Up to US\$ 99,999	Post review.

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

**b. Goods and Works Contracts Estimated to Cost \$1 Million or More**

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

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW3a	Construction of Agricultural Cooperative Storage Units (including equipment) - for 4 provinces  Lot 1 Lot 2 Lot 3 Lot 4	2,262,800  565,700 565,700 565,700 565,700	NCB	Prior	1S1E	Q2 / 2020	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works  Comments: First type of intervention subject to prior review.
CW12 <i>From CW12-16</i>	High priority schemes Kampot province (2 – schemes = 1,250 ha)	2,650,000	NCB	Post	1S1E	Q4 / 2020	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works  Comments:
CW13 <i>From CW12-16</i>	High priority schemes Tboung Khmer province (2 – schemes = 995 ha)	2,109,052	NCB	Post	1S1E	Q2 / 2021	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works  Comments:
CW14 <i>From CW12-16</i>	High priority schemes Kampong Cham province (2 – schemes = 955 ha)	2,042,600	NCB	Post	1S1E	Q2 / 2021	Prequalification of Bidders: N  Domestic Preference Applicable: N  Bidding Document: Small Works  Comments:

## Annex 3

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW15 <i>From CW12-16</i>	High priority schemes Takeo province (2 – schemes = 750 ha)	1,590,000	NCB	Post	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments:
CW17a <i>From CW17</i>	<i>Laterite and concrete roads Kampot province (18.29 km)</i>	2,905,600	NCB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments: First type of intervention subject to prior review.
CW17b <i>From CW17</i>	<i>Laterite and concrete roads Takeo province (13.53 km)</i>	2,435,400	NCB	Post	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments:
CW17c <i>From CW17</i>	<i>Laterite and concrete roads Tboung Khnoum province (21.83 km)</i>	2,968,880	NCB	Post	1S1E	Q2 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments:
CW17d <i>From CW17</i>	<i>Laterite and concrete roads Kampong Cham province (14.3 km)</i>	2,574,000	NCB	Post	1S1E	Q2 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments:



**c. Consulting Services Contracts Estimated to Cost \$100,000 or more**

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

Package Number	General Description	Estimated Value (US\$)	Recruitment Method	Review (Prior/Post)	Type of Proposal	Advertisement Date(quarter/year)	Comments
CS3	Variety development by IRRRI	2,787,015	SSS	Prior	FTP	Q1/ 2020	Assignment: International Advance contracting: No Comments: 100% GCF Grant
CS4	ICT Consultants	1,737,401	QCBS	Prior	FTP	Q4 / 2020	Assignment: International Quality-Cost Ratio: 90:10 Comments: Technical skills required.

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

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

Goods and Works								
Package Number	General Description	Estimated Value (\$)	Number of Packages	Procurement Method	Review (Prior / Post)	Bidding Procedure	AdvertisementDate (quarter/year)	Comments
CW1a1	On-farm rainfall water collection ponds Kampot province (50 ponds)	597,000	1	NCB	Post	1S1E	Q4 / 2020	Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works
CW1a2	On-farm rainfall water collection ponds Takeo province (50 ponds)	597,000	1	NCB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works

## Annex 3

Goods and Works								
Package Number	General Description	Estimated Value (\$)	Number of Packages	Procurement Method	Review (Prior / Post)	Bidding Procedure	AdvertisementDate (quarter/year)	Comments
CW1b1	On-farm rainfall water collection ponds Thoung Khmum province (50 ponds)	597,000	1	NCB	Post	1S1E	Q4 / 2020	Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works
CW1b2	On-farm rainfall water collection ponds Kampong Cham province (50 ponds)	597,000	1	NCB	Post	1S1E	Q4 / 2020	Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works
CW4	Construction of Training Building for PADC & Equipment  Lot 1 – Takeo Lot 2 – Tboung Khmum Lot 3 – Kampong Cham	248,841  82,947 82,947 82,947	3	NCB	Prior	1S1E	Q2 / 2020	Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works Comments: First type of intervention subject to prior preview.
CW5	Renovation of Agriculture Extension Building in Kampot	30,170	1	Shopping	Post		Q2 / 2020	
CW2	Trapaing Run Irrigation Subproject	536,000	1	NCB	Prior	1S1E	Q2/ 2020	Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works Comments: First type of intervention subject to prior preview.
CW7	Construction of Mechanization Workshops (including major & minor equipment) & Supervision	632,307	3	NCB	Prior	1S1E	Q2 / 2021	Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works Comments: First type of intervention subject to prior review.

## Annex 3

Goods and Works								
Package Number	General Description	Estimated Value (\$)	Number of Packages	Procurement Method	Review (Prior / Post)	Bidding Procedure	AdvertisementDate (quarter/year)	Comments
CW19a <i>From CW19</i>	Installation and commissioning of 1,000 biodigesters and 500 compost huts*	450,000	1	NCB	Prior	1S1E		Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works Comments: First type of intervention subject to prior review.
G3a	Equipment & Materials for 2 Drip Irrigations systems (includes tube wells/water source connection, solar pumps and other agricultural inputs - training)	30,000	1	Shopping	Post			

\* The amount includes contribution from GCF, and government. The amount will be revised based on additional due diligence during project implementation.

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

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

Goods and Works							
Package Number	General Description	Estimated Value (\$)	Estimated No. of Packages	Procurement Method	Review (Prior / Post)	Bidding Procedure	Comments
CW11	24 units of Flatbed Batch Drier (includes works)	656,241	24	Shopping	Post		
CW16 (less CW12-15)	Remaining Irrigation subprojects for four provinces	22,618,174	8	NCB	Post	1S1E	Prequalification of Bidders: No Domestic Preference Applicable: No Bidding Document: Small Works

## Annex 3

Goods and Works							
Package Number	General Description	Estimated Value (\$)	Estimated No. of Packages	Procurement Method	Review (Prior / Post)	Bidding Procedure	Comments
CW17 (less CW17a- CW17d)	Construction of rural roads - paved and laterite	25,155,236	16	NCB	Post	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Small Works  Comments:
D1	Demonstration and Training for Laser land levelling (4,000ha)	2,279,592	4	NCB	Prior	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Small Works  Comments: First type of intervention subject to prior review.
CW18	Repairing Glasshouse for Germplasm Maintenance + net house	769,445	3	NCB	Post	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Small Works
CW1b (less: CW1b1 and CW1b2)	On-Farm Water Catchment Ponds - for 4 provinces (remaining 600)	7,164,576	12	NCB	Post	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Small Works

## Annex 3

Goods and Works							
Package Number	General Description	Estimated Value (\$)	Estimated No. of Packages	Procurement Method	Review (Prior / Post)	Bidding Procedure	Comments
CW3b	Construction of Agricultural Cooperative Storage Units (including equipment) - (Remaining batches)	6,789,204	8	NCB	Post	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Large Works
G1	Biotechnology (NAL) Laboratory (including tissue culture equipment)	3,034,820	1	ICB	Prior	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Goods  Comments: First type of intervention subject to prior review
G7	ICT Equipment, training, studies	3,502,131	1	ICB	Prior	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Goods
G2	Rapid Test Kits + Bio / Organic Fertilizer Laboratory (materials and equipment)	982,698	1	NCB	Post	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Goods
G3 (G3a)	Equipment & Materials for 10 Drip Irrigations systems (includes tube wells/water source connection, solar pumps and other agricultural inputs - training) Less: 2 under G3a	775,617	3	NCB	Prior	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Goods  Comments: First type of intervention subject to prior review

## Annex 3

Goods and Works							
Package Number	General Description	Estimated Value (\$)	Estimated No. of Packages	Procurement Method	Review (Prior / Post)	Bidding Procedure	Comments
CW19 (less: CW19a)	Installation and commissioning of 11,000 biodigesters and 5,500 compost huts*	5,165,983	3	NCB	Post	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Goods
G4	Equipment for Mechanizations Workshops for all four provinces	114,368	1	NCB	Post	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Goods
G8	6 Paddy milling equipment	112,382	1	NCB	Post	1S1E	Prequalification of Bidders: No  Domestic Preference Applicable: No  Bidding Document: Small Works
G9	5 units, Maize shellers (2 ton)	18,730	1	Shopping	Post		

\* The amount includes contribution from GCF, government and beneficiaries. The amount will be revised based on additional due diligence during project implementation.

Consulting Services							
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Type of Proposal	Comments

### f. On-going and Completed Contracts

Package Number	General Description	Estimated Value (\$)	Actual Contract Amount	Procurement Method	Advertisement Date	Contract Date	Comments
G6	Motorcycles, 47 units	96,242	78,114	Shopping	07-Dec-2018	23 Jan 2019	O.M.C. Co., Ltd (PCSS 0001)
G5	Pick-up Vehicles, 15 units	795,532	419,250	NCB	14 Dec 2018	27 Feb 2019	HGB Auto Co., Ltd (PCSS 0002)

## Annex 3

Package Number	General Description	Estimated Value (\$)	Actual Contract Amount	Procurement Method	Advertisement Date	Contract Date	Comments
G12	Office appliance	11,600	11,260	Shopping/RFQ	1 Nov 2019	15 Nov 2019	Mongkul Bee Co., Ltd. (PCSS 0007)
G13	Vehicles (pick-ups trucks, 15 units)	150,000		NCB	25 Oct 2019		For awarding
CW20	Installation of office partition	3,000		Shopping	Post		SOE
G10	Office equipment (2 lots)	123,400					For submission to ADB for issuance of PCSS
G11	Office furniture	61,970					For submission to ADB for issuance of PCSS

Consulting services							
Package Number	General Description	Estimated Value (\$)	Actual Contract Amount	Procurement Method	Advertisement Date	Contract Date	Comments
CS1	Project Implementation Consultant (PIC)	4,379,920	4,158,200.00	QCBS	9-July-2018	25 Jul 2019	Agriconsulting Europe SA (AESAs) (Belgium) in association with SBK Research and Development Co., Ltd (Cambodia) (PCSS 0003)
CS2	Capacity Building and Climate Smart Agriculture Consulting Firm	3,478,429	3,265,076	QCBS	9-July-2018	12 Jul 2019	eGen Consultants Ltd. in association with SBK Research and Development Co. Ltd., Okapi Environment Consulting and International Center for Tropical Agriculture (PCSS 0004)
CS5	Feasibility studies & Detailed engineering design consulting firm (for irrigation and rural roads)	2,622,704	2,313,414.00	QCBS	9-July-2018	26 Sep 2019	Resources Development Consultants (PVT) Ltd. (Sri Lanka) in association with (PCS 0005)



### **g. National Competitive Bidding**

#### **i. Regulation and Reference Documents**

6. The procedures to be followed for national competitive bidding shall be those set forth for the National Competitive Bidding (NCB) method in the government's procurement manual issued under Sub-Decree Number 74 ANKR.BK, updated version dated 22 May 2012 with the clarifications and modifications described in the following paragraphs. These clarifications and modifications are required for compliance with the provisions of the procurement guidelines.

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

#### **ii. Procurement Procedures**

##### **1. Application**

8. Contract packages subject to NCB procedures will be those identified as such in the project procurement plan. Any change to the mode of procurement of any procurement package in the procurement plan shall be made through updating of the procurement plan, and only with prior approval of ADB.

##### **2. Sanctioning**

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

##### **3. Rejection of All Bids and Rebidding**

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

##### **4. Advertising**

11. Bidding of NCB contracts shall be advertised on the ADB website via the posting of the procurement plan. Borrowers have the option of requesting ADB to post specific notices in the ADB website.

#### **iii. Bidding Documents**

##### **1. Use of Bidding Documents**

12. The standard NCB documents provided with the government's procurement manual shall be used to the extent possible both for the master bidding documents and the contract-specific bidding documents. The English language version of the procurement documents shall be

submitted for ADB review and approval in accordance with agreed review procedures (post and prior review) as indicated in the procurement plan. The ADB-approved procurement documents will then be used as a model for all procurement financed by ADB for the project.

### 2. Bid Evaluation

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

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

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

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

#### iv. ADB Policy Clauses

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

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

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

# Annex 4 : Summary of Disbursements and Actual Expenditures

CFAVC-Climate-Friendly Agribusiness Value Chains Sector Project

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

**Quarterly Financial Report for the quarter ending: 31/Mar/2020**

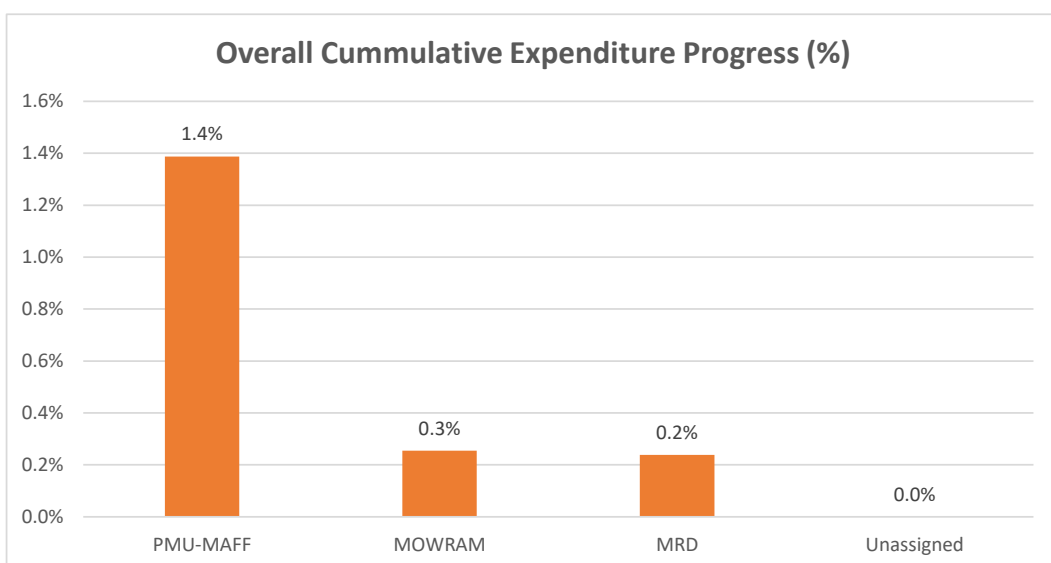
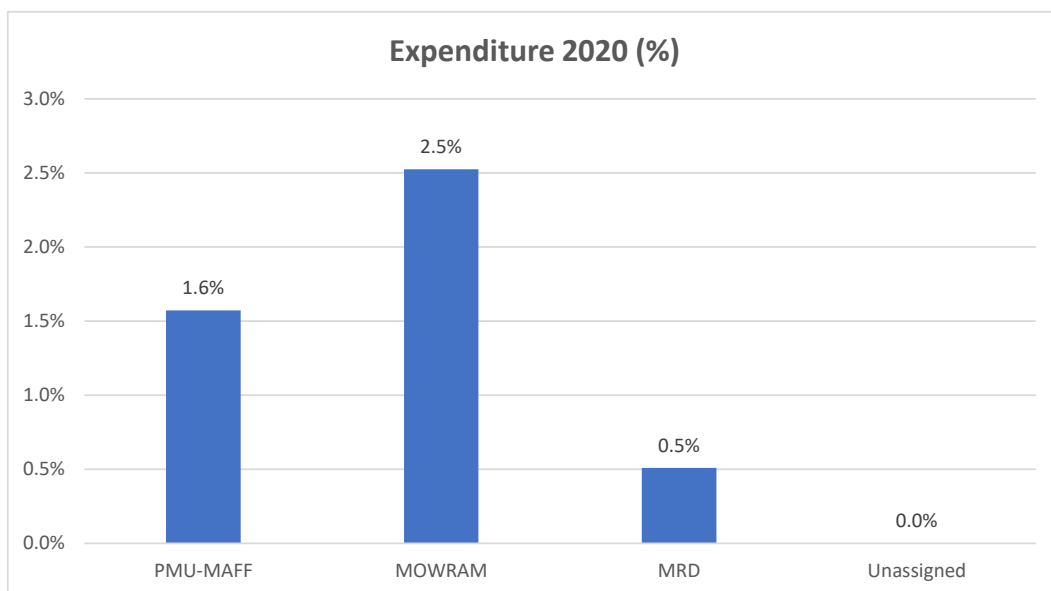
**Content:**

- 1 Summary of Disbursement for EAs/ IAs:**
- 2 Summary of Disbursement of EA - PMU-MAFF**
  - 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**
- 3 Summary of Disbursement of IA - PMU-MOWRAM**
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  - 2. Statement of Uses of Funds By Category**
  - 3. Summary of Fund Balances**
- 4 Summary of Disbursement of IA - PMU-MRD**
  - 1. Statement of Comparison of Budget and Actual Expenditure**
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  - 3. Summary of Fund Balances**

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

**SUMMARY OF DISBURSEMENT/EXPENDITURE FOR EAs/ IAs:**

EAs/ IAs	Budget (Allocation)	2020 Annual Budget	2020 Expenditure	Cumulative Expenditure 31 March 2020	Expenditures Rate %	
					2020	Overall
PMU-MAFF	56,343,840	9,759,020	153,452	781,693	1.6%	1.4%
MOWRAM	44,181,130	1,486,880	37,530	112,590	2.5%	0.3%
MRD	36,341,680	3,054,970	15,576	86,545	0.5%	0.2%
Unassigned	947,240	992,240	-	-	0.0%	0.0%
<b>TOTAL</b>	<b>137,813,890</b>	<b>15,293,110</b>	<b>206,558</b>	<b>980,828</b>	<b>1.4%</b>	<b>0.7%</b>



Statement of Expenditure by Category for the Quarter Ending:

31/Mar/2020

(Quarterly Report in USD)

Category	Budget	Committed	Actual	Actual Expenditures			Balance	Expenditures
	(Allocation)			Previous Exp.	Current	Year to date		
	US\$	US\$	US\$	I Q' 2020	I Q' 2020	I Q' 2020	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	-	-	-	-	-	23,276,280	0.0%
2. Equipment	1,603,640		11,240	61,731	61,731	72,971	1,530,669	4.6%
3. Vehicles	653,270		497,364		-	497,364	155,906	76.1%
4. Materails & Supplies			-		-	-	-	
5. Studies & Surveys			-		-	-	-	
6. Training, Workshop & Demonstration	6,452,850		-		-	-	6,452,850	0.0%
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		-		-	-	8,438,550	0.0%
10. Incremental Operating costs	730,460		119,637	91,721	91,721	211,358	519,102	28.9%
<b>Total Investment Costs (A)</b>	<b>56,343,840</b>	<b>-</b>	<b>628,241</b>	<b>153,452</b>	<b>153,452</b>	<b>781,693</b>	<b>55,562,147</b>	<b>1.4%</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>56,343,840</b>	<b>-</b>	<b>628,241</b>	<b>153,452</b>	<b>153,452</b>	<b>781,693</b>	<b>55,562,147</b>	<b>1.4%</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**

**Statement of Expenditure by Accounts**

**Report for the Quarter Ending:**

**31/Mar/2020**

**Cummulative Since Effectiveness Date**

Expense	ADB-L3661	L-8346	G-0579	RGC	TOTAL
<b>6 · Expense/ Project Expenditures</b>					
<b>61 · Investment Costs</b>					
<b>6102 · Equipment</b>					
610220 · Office Equipment	72,971.00			0.00	72,971.00
<b>Total 6102 · Equipment</b>	<u>72,971.00</u>			<u>0.00</u>	<u>72,971.00</u>
<b>6103 · Vehicles</b>					
610300 · Vehicles – 4 Wheels Drive	419,250.00			0.00	419,250.00
610310 · Motorcycles	78,114.00			0.00	78,114.00
<b>Total 6103 · Vehicles</b>	<u>497,364.00</u>			<u>0.00</u>	<u>497,364.00</u>
<b>6110 · Incremental Operating Cost</b>					
<b>61100 · Project Staff</b>					
611001 · Project Staff-PMUC	0.00			26,790.00	26,790.00
611002 · Project Staff-GDA	0.00			17,280.00	17,280.00
611003 · Project Staff-GDAHP	0.00			10,800.00	10,800.00
611004 · Project Staff-CARDI	0.00			10,800.00	10,800.00
611005 · Project Staff-PPIU-KPT	0.00			10,025.00	10,025.00
611006 · Project Staff-PPIU-TAK	0.00			10,025.00	10,025.00
611007 · Project Staff-PPIU-KCM	0.00			8,525.00	8,525.00
611008 · Project Staff-PPIU-TBK	0.00			10,025.00	10,025.00
<b>Total 61100 · Project Staff</b>	<u>0.00</u>			<u>104,270.00</u>	<u>104,270.00</u>
<b>61120 · Office Operations &amp; Support</b>					
611200 · Vehicle Fuel	3,722.98			0.00	3,722.98
611202 · Vehicle rental	20,000.00			0.00	20,000.00
611203 · Per Diem & Travel costs	40,138.28			0.00	40,138.28
611204 · Office & Reproduction Supplies	3,644.69			0.00	3,644.69
611205 · Office maintenance & Utilities	4,903.50			0.00	4,903.50
611206 · Communications fees	3,932.00			0.00	3,932.00
611207 · Photocopy & Printing	884.00			0.00	884.00
611208 · Ads. Charges	1,096.00			0.00	1,096.00
611210 · Bank Charges	35.00			0.00	35.00
611211 · Meeting/ Workshop/ Seminar	9,542.10			0.00	9,542.10
611213 · General Meeting	3,711.85			0.00	3,711.85
611214 · Annual Road Tax Fees	0.00			1,977.58	1,977.58
611215 · Contractual Staff fee-PMU-MAFF	7,500.00			0.00	7,500.00
611216 · Contractual Staff fee-PPIU-TAK	1,500.00			0.00	1,500.00
611217 · Contractual Staff fee-PPIU-KPT	1,500.00			0.00	1,500.00
611218 · Contractual Staff fee-PPIU-KCM	1,500.00			0.00	1,500.00
611219 · Contractual Staff fee-PPIU-TBK	1,500.00			0.00	1,500.00
<b>Total 61120 · Office Operations &amp; Support</b>	<u>105,110.40</u>			<u>1,977.58</u>	<u>107,087.98</u>
<b>Total 6110 · Incremental Operating Cost</b>	<u>105,110.40</u>			<u>106,247.58</u>	<u>211,357.98</u>
<b>Total 61 · Investment Costs</b>	<u>675,445.40</u>			<u>106,247.58</u>	<u>781,692.98</u>
<b>Total 6 · Expense/ Project Expenditures</b>	<u>675,445.40</u>			<u>106,247.58</u>	<u>781,692.98</u>

## EA: PMU-MAFF

## Statement of Uses of Fund

Cumulative since Effectiveness Date

Report for the Quarter Ending: 31/Mar/2020

	L-3661	L-8346	G-0579	RGC	TOTAL
<b>I. Received</b>					
Received from ADB L3661	511,143.29				511,143.29
Received from ADB L8346					-
Received from ADB G0579			340,000.00		340,000.00
Received from RGC Contribution				150,000.00	150,000.00
Received from ADB L3661-Direct Payment	1,463,737.80				1,463,737.80
Received from ADB L8346-Direct Payment					-
Received from ADB G0579-Direct Payment					-
					-
<b>Total Received</b>	<b>1,974,881.09</b>	<b>-</b>	<b>340,000.00</b>	<b>150,000.00</b>	<b>2,464,881.09</b>

<b>2. Uses of Fund</b>					
1. Civil Work	-				-
2. Equipment	72,971.00				72,971.00
3. Vehicles	497,364.00				497,364.00
4. Materials & Supplies	-				-
5. Studies & Surveys	-				-
6. Training, Workshop & Demonstration	-				-
7. Policies & Standards	-				-
8. Monitoring & Evaluation	-				-
9. Consulting Services	-				-
10. Incremental Operating costs	105,110.40			106,247.58	211,357.98
Interest Charges During Implementation					-
<b>Total Uses of Fund</b>	<b>675,445.40</b>	<b>-</b>	<b>-</b>	<b>106,247.58</b>	<b>781,692.98</b>

<b>3. Closing Cash Balance</b>					
CASH IN BANK	183,874.57	-	330,877.20	43,752.42	558,504.19
PETTY CASH FUND	441.55	-	-		441.55
<b>Total Closing Cash Balance</b>	<b>184,316.12</b>	<b>-</b>	<b>330,877.20</b>	<b>43,752.42</b>	<b>558,945.74</b>

## 4. Financing Plan vs Uses of Fund

Financiers	Financing Plan	Expenditures	Expenditure Rate %	Disbursement	Disbursement Rate %
L-3661		675,445.40		1,974,881.09	
L-8346		-		-	
G-0579		-		340,000.00	
RGC		106,247.58		150,000.00	



**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

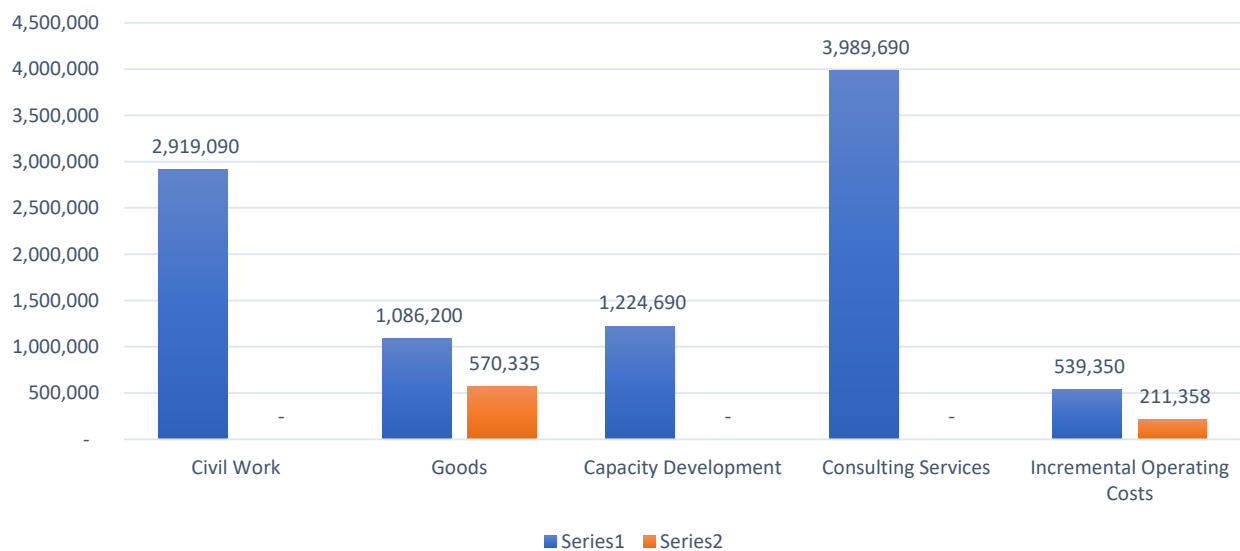
**Statement of Comparison of Budget and Actual Expenditure**

For the Quarter Ending:

31/Mar/2020

Description	Period from 1 January 2020 to 31 March 2020			Budget Vs Actual Expenditures (%)
	Budget US\$	Actual US\$	Diff. US\$	
Civil Work	2,919,090	-	2,919,090	0%
Goods	1,086,200	570,335	515,865	53%
Capacity Development	1,224,690	-	1,224,690	0%
Consulting Services	3,989,690	-	3,989,690	0%
Incremental Operating Costs	539,350	211,358	327,992	39%
	<b>9,759,020</b>	<b>781,693</b>	<b>8,977,327</b>	<b>8%</b>

**Comparison of Budget and Actual 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/IA:**

**PMU-MOWRAM**

**Statement of Comparison of Budget and Actual Expenditure**

**For the Quarter Ending**

**29/Feb/2020**

Description	Year to date			Budget & Accutual Exp.,
	Budget	Actual	Diff.	
	US\$	US\$	US\$	(%)
1. Civil Work			-	#DIV/0!
2. Equipment			-	#DIV/0!
3. Vehicles			-	#DIV/0!
4. Materails & Supplies			-	#DIV/0!
5. Studies & Surveys			-	#DIV/0!
6. Training, Workshop & Demonstration			-	#DIV/0!
7. Policies & Standards			-	#DIV/0!
8. Monitoring & Evaluation			-	#DIV/0!
9. Consulting Services			-	#DIV/0!
10. Incremental Operating costs	40000	37,530.00	2,470	94%
	<b>40,000</b>	<b>37,530</b>	<b>2,470</b>	<b>94%</b>

PMR 1: Project Monitoring Report: Uses of Funds By Category for the Quarter Ending:

29/Feb/2020

(Quarterly Report in USD)

Category	Budget (Allocation) US\$	Committed US\$	Actual Previous Exp. US\$	Actual Expenditures			Balance US\$	Disbursement Rate %
				Current	Year to date	Cummulative to date		
				1 Q' 2020	1 Q' 2020	1 Q' 2020		
	(1)	(2)	(3)	(4)	(5)	(6)=(3)+(4)	(7)=(1)-(2)-(6)	(8) = (6)/(1)
<b>A. Investment Costs</b>								
1. Civil Work		-		-		-	-	#DIV/0!
2. Equipment						-	-	#DIV/0!
3. Vehicles						-	-	#DIV/0!
4. Materails & Supplies						-	-	#DIV/0!
5. Studies & Surveys						-	-	#DIV/0!
6. Training, Workshop & Demonstration						-	-	#DIV/0!
7. Policies & Standards						-	-	#DIV/0!
8. Monitoring & Evaluation						-	-	#DIV/0!
9. Consulting Services						-	-	#DIV/0!
10. Incremental Operating costs	40,000			37,530		37,530	2,470	93.8%
<b>Total Investment Costs (A)</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>37,530</b>	<b>-</b>	<b>37,530</b>	<b>2,470</b>	<b>93.8%</b>
<b>B. Contingencies</b>								
1. Physical						-	-	#DIV/0!
2. Price	-			-	-	-	-	#DIV/0!
<b>Total Contingencies (B)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>75,060</b>	<b>4,940</b>	<b>#DIV/0!</b>
<b>C. Financial Charges During Implementation</b>								
1. Interest Charges During Implementation						-	-	#DIV/0!
<b>Total Financial Charges During Implementation ©</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>#DIV/0!</b>
<b>GRAND TOTAL (A)+(B)+©</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>37,530</b>	<b>-</b>	<b>112,590</b>	<b>7,410</b>	<b>281.5%</b>

**Summary of Fund Balances**  
Cumulative since Effectiveness Date

Report for the Quarter Ending: **29/Feb/2020**

	L-3661	L-8346	G-0579	RGC	TOTAL
<i>Received</i>	448,000.00			40,000.00	
Received	-			-	-
<b>Total Received</b>	<b>448,000.00</b>	<b>-</b>	<b>-</b>	<b>40,000.00</b>	<b>488,000.00</b>
<i>Disbursed</i>	44,481.00			37,530.00	
Disbursed				-	-
<b>Total Disbursed</b>	<b>44,481.00</b>	<b>-</b>	<b>-</b>	<b>37,530.00</b>	<b>82,011.00</b>
<b>Fund Balances</b>	<b>403,519.00</b>	<b>-</b>	<b>-</b>	<b>2,470.00</b>	<b>405,989.00</b>

**Financing Plan vs Disbursement**

Financiers	Financing Plan	Disbursed	Disbursement Rate %	Remarks
L-3661		44,481.00	#DIV/0!	
L-8346		-	#DIV/0!	
G-0579		-	#DIV/0!	
RGC	37,530	37,530.00	100.0%	Salary from Jan-Sp 2019
<b>TOTAL</b>	<b>37,530</b>	<b>82,011</b>	<b>218.5%</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/IA:

**PMU-MRD**

**Statement of Comparison of Budget and Actual Expenditure**

For the Quarter Ending

**31/Mar/2020**

Description	Year to date			Budget & Accutual Exp.,
	Budget	Actual	Diff.	
	US\$	US\$	US\$	(%)
1. Civil Work	2,958,527.20	-	2,958,527	0%
2. Equipment	0	-	-	#DIV/0!
3. Vehicles	0	-	-	#DIV/0!
4. Materails & Supplies	0	-	-	#DIV/0!
5. Studies & Surveys	0	-	-	#DIV/0!
6. Training, Workshop & Demonstration	0	-	-	#DIV/0!
7. Policies & Standards	0	-	-	#DIV/0!
8. Monitoring & Evaluation	0	-	-	#DIV/0!
9. Consulting Services	0	-	-	#DIV/0!
10. Incremental Operating costs	96,439.67	15,576	80,863	16%
Salary supplementary allowance				
	<b>3,054,967</b>	<b>15,576</b>	<b>3,039,391</b>	<b>1%</b>

PMR 1: Project Monitoring Report: Uses of Funds By Category for the Quarter Ending:

31/Mar/2020

(Quarterly Report in USD)

Category	Budget (Allocation) US\$	Committed US\$	Actual Previous Exp. US\$	Actual Expenditures			Balance US\$	Disbursement Rate %
				Current	Year to date	Cummulative to date		
				1 Q' 2020	1 Q' 2020	1 Q' 2020		
	(1)	(2)	(3)	(4)	(5)	(6)=(3)+(4)	(7)=(1)-(2)-(6)	(8) = (6)/(1)
<b>A. Investment Costs</b>								
1. Civil Work	37,349,607	-		-	-	-	37,349,607	0.0%
2. Equipment					-	-	-	#DIV/0!
3. Vehicles					-	-	-	#DIV/0!
4. Materails & Supplies					-	-	-	#DIV/0!
5. Studies & Surveys					-	-	-	#DIV/0!
6. Training, Workshop & Demonstration					-	-	-	#DIV/0!
7. Policies & Standards					-	-	-	#DIV/0!
8. Monitoring & Evaluation					-	-	-	#DIV/0!
9. Consulting Services					-	-	-	#DIV/0!
10. Incremental Operating costs			13,272	15,576	15,576	28,848	(28,848)	#DIV/0!
<b>Total Investment Costs (A)</b>	<b>37,349,607</b>	<b>-</b>	<b>13,272</b>	<b>15,576</b>	<b>15,576</b>	<b>28,848</b>	<b>37,320,759</b>	<b>0.1%</b>
<b>B. Contingencies</b>								
1. Physical						-	-	#DIV/0!
2. Price	-			-	-	-	-	#DIV/0!
<b>Total Co</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>57,697</b>	<b>37,291,911</b>	<b>#DIV/0!</b>
<b>C. Finan</b>								
1. Interest Charges During Implementation						-	-	#DIV/0!
<b>Total Fin</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>#DIV/0!</b>
<b>GRAND</b>	<b>37,349,607</b>	<b>-</b>	<b>13,272</b>	<b>15,576</b>	<b>15,576</b>	<b>86,545</b>	<b>74,612,669</b>	<b>0.2%</b>

**Summary of Fund Balances**  
**Cummulative since Effectiveness Date**

Report for the Quarter Ending: **31/Mar/2020**

	L-3661	L-8346	G-0579	RGC	TOTAL
<b>Received</b>					
Received	100,000.00			30,000.00	130,000.00
<b>Total Received</b>	100,000.00	-	-	30,000.00	<b>130,000.00</b>
<b>Disbursed</b>					
Disbursed	10,458.29			18,390.00	28,848.29
<b>Total Disbursed</b>	10,458.29	-	-	18,390.00	<b>28,848.29</b>
<b>Fund Balances</b>	<b>89,541.71</b>	-	-	<b>11,610.00</b>	<b>101,151.71</b>

**Financing Plan vs Disbursement**

Financiers	Financing Plan	Disbursed	Disbursement Rate %	Remarks
L-3661		10,458.29	#DIV/0!	
L-8346		-	#DIV/0!	
G-0579		-	#DIV/0!	
RGC		18,390.00	#DIV/0!	
<b>TOTAL</b>	-	<b>28,848</b>	<b>#DIV/0!</b>	



**Status Report on Compliance to Social Safeguards for Irrigation and Road Subprojects as of 31 March 2020**

S/N	Social Safeguards Compliance	Actions agreed to be completed during the reporting period	Progress/Status	Actions taken/ planned for the next quarter	Remarks
<b>Irrigation Subprojects</b>					
1	<b>Preparation of Due Diligence Report (DDR) of Trapeang Run Irrigation subproject</b>	<p>1. Preparation of DDR of Trapeang Run, which is under process due to ongoing improvement works in engineering design and information of canals and reservoirs, particularly modification going on in COI, Cross Sections, and Designed Layouts Maps.</p> <p>2. To speed up to be on time for procurement process as mentioned in Agreed Action Plan &amp; <b>MOU by 30 Apr, 2020</b></p>	<p>1. The engineering information was received by 07 Apr, 2020 and also included in the Due Diligent Verification Report for Trapeang Run,</p> <p>2. Now only the GDR information need to be included such as IRC &amp; PRSC establishment information, and Public Information Booklet (PIB)</p>	<p>1. DDR has been prepared and sent to the team (PMU, CS1 &amp; CS5) by 07 Apr, 2020 for final version from consultants, only part related with GDR is still remaining.</p> <p>2. CS1/PIC social safeguards specialist has sent a telegram to GDR the PIB for review in 2<sup>nd</sup> week of March, 2020 before official submission by PMU and also mentioned and send again in 1<sup>st</sup> week of Apr, 2020 requesting some information on IRC establishment and followed up on PIB, and also email to Teams (PMU and CS1, CS2) to request GDR for meeting as</p>	<p>Public Information Booklet (PIB) was unofficially shared to GDR for review, and DDR was also shared to ADB safeguards for checking before official submission to GDR for approval</p>

				mentioned in Agreed Action Plan/ MOU.		
2	<b>Compliance required from MOU</b>	<p><b>In Agreed Action Plan/MOU signed on 30 Jan 2020</b></p>	<p>In No.19 section Roman No.1 of MOU Both CS1 and CS5 teams agreed to complete the design process and resolve safeguards issues so that MOWRAM can issue invitation for bids by 30 April 2020. (For Trapeang Run).</p>	<p>· There are 40 households, who voluntarily donated their own properties to the projects provided with thumbprints on records, and other 26 households owned 34 plots of rice land in reservoir they will remain access on the cropping or planting but just following the water level and access the pattern seasons, there is no indigenous people living at the project location. See more details in draft DDR.</p>	<p>The 40 households had voluntarily donated their affected parts to the project (with no compensation preferring), other 26 HHs who have land around the reservoir agreed to allow this subproject to be rehabilitated, because the teams have explained that those who have land around the reservoir are still available for cropping or planting but just following the water level and access the pattern seasons, there is no indigenous people living at the project location. See more details in draft DDR</p>	

3	<b>Data collection and social surveys</b>	Public consultation meeting with households who live along both sides of the roads	provinces had been collected (Kampot, Takeo, Tbong Khmum) but Kampong Cham and are not yet	will conduct the data entry and analyze by the end of April 2020	
4	<b>Community Stakeholder consultation</b>	There is a support from all village and commune authorities during carry out at the site	village and commune authority representative always participate in the public meeting with villagers on 2020 CFAVC subprojects	village and commune authorities are also part of GRM members and will solve complaints raised by villagers on CFAVC subprojects	
5	<b>Establish Grievance Redress Mechanism</b>	to be followed up with GDR/IRC	IRC and PRSC was already established and the GRM will be quickly formed, and PIB was already prepared	IRC will process all these as scheduled	IRCWG is a part of GRM member and local authorities
	<b>Conducting Training and awareness Programs</b>	1. This will be prepared in accordance with MOU and incorporation with PMU	50% has been prepared	will be proposed to be carried out at least 1 month before	will be carried out based on the current status of COVID19 situation
6	<b>Road Subprojects (in priority list in year 2020 for FSDD)</b>				
	1 - Kampot	Raksmey Samaky Amatak	Chres/Krang Snay/ Chumpu Voan	Chum Kiri/Chhuk	11.90
		Kasekor Samaki Rung Roeung	Srae Chaeng		8.20
	2 - Takeo	Lumpong Kasikam Samaky	Lumpong/Komar Reachea	Bati	10.05
		Sdok Sdom	Taing Yab/Thnot	Prey Kabas	4.68
	3 - Tboung Khmum	Dambae Rungroeung	DamBae/Kouk Srok	DamBae	9.83
		Kdey SongKhuem Kaksekor	Toul Snoul	Krouch Chhmar	12.00
	4 - Kampong Cham	Sambo Meanchey	Soupheas	Stueng Trang	9.98
Stueng Trang Senchey		Soupheas/Me Sar Chrey	4.32		

	<b>Preparation of DDR for road subprojects</b>	1. 8 road subprojects located in four provinces Kampot, Takeo, Tboung Khmum and Kampong Cham are in priority list in Year 2020 for FSDD. Total : 70.95 KM (four provinces)	1. 2 roads in Kampot and 2 roads in Takeo have been visited and land donation forms have been filled from those who live along both sides of the roads and certified by village and commune authorities. Road subprojects category C for both resettlement and indigenous people. 2. 2 roads in Tboung Khmum are visited but 2 roads in Kampong Cham are planned two visits in second quarter 2020.	1. Data entry and analysis is in process to develop the DDR for these road subprojects as planned in MOU by 3 <sup>rd</sup> Quarter 2020 (KPT & Takeo) and 2 <sup>nd</sup> Quarter 2021 (KPC & TBK)	The DDR for Roads has been started of preparing
<b>Road Subprojects</b>					
1	<b>Preparation of DDR for road subprojects</b>	8 road subprojects located in four provinces Kampot, Takeo, Tboung Khmum and Kampong Cham are in priority list in Year 2020 for FSDD.	3. 2 roads in Kampot and 2 roads in Takeo and 2 roads have been visited and land donation forms have been filled from village and commune authorities. Road subprojects category C for both resettlement and indigenous people. 2 roads in Kampong Cham are planned two visits in second quarter 2020.	Data entry and analysis is in process to develop the DDR for these road subprojects as planned in MOU by 3 <sup>rd</sup> Quarter 2020.	4 provinces with 8 roads will be separately prepared into two different DDRs, one DDR covers two provinces with 4 roads (separated by due time) 3 <sup>rd</sup> Quarter 2020 covers KPT and Takeo roads, and 2 <sup>nd</sup> Q 2021 will cover KPC and TBK

2	<b>Compliance required from MOU</b>	1. In No.19 section Roman No.1 of MOU the Mission advised the team to regularly and frequently discuss with social safeguards specialists at GDR, MEF and ADB Resident Mission in Phnom Penh,	The CS1 & CS5 social members had met one time in early November 2019 with ADB Resident Mission in Phnom Penh on social safeguards, gender and environment, ADB consultant had provided some guidance documents to be followed for CFAVC implementing, and will meet with GDR in April 2020 after Khmer New Year and plan to meet ADB again before end of Apr 2020 on social safeguards.	Have informed to CS teams and PMU to communicate with the GDR and ADB for next meeting.	This planned to meet before end of Apr 2020 both ADB and GDR
		2. And in Para 34 of MOU has mentioned that the social safeguards training should be conducted due by 30 September (annually) responsible by PMU/CS teams.	3. The social safeguards training plan is being prepared and will set schedule in accordance with MOU and incorporation with both PMU and CS teams.	To be conducted by the date as mentioned in Agreed Action Plan/ MOU	will be carried out based on the current status of COVID19
3	<b>Data collection and social surveys</b>	subprojects as planned in MOU by 3rd Quarter 2020 (KPT & Takeo) and 2nd Quarter 2021 (KPC & TBK)	3 provinces had been collected (Kampot, Takeo and Tbong Khmom) but Kampong Cham not yet	Draft DDR for Roads (KPT & Takeo) be ready for review	KPT and Takeo draft DDR will be expectedly ready before 3rd quarter 2020
4	<b>Community and Stakeholder consultation</b>	There is a support from all village and commune	village and commune authority representative always participate in the	village and commune authorities are also part of GRM	There is a support from all village and commune authorities

		authorities during carry out at the site	public meeting with villagers on 2020 CFAVC subprojects	members and will solve complaints raised by villagers on CFAVC subprojects	during carry out at the site
5	<b>Establish Grievance Redress Mechanism</b>	IRC and PRSC were already established, and members from IRC and PRSC will also involve with GRM, from village headmen, commune members, district and provincial officials, there will be a training on Grievance Redress Committee	IRC and PRSC were already established	Public Information Booklet was already drafted and sent to GDR for checking,	The PIB will be shared to the public and placed at the commune office
6	<b>Conducting Training awareness Programs and</b>	This will be prepared in accordance with MOU and incorporation with PMU	50% has been prepared	will be proposed to be carried out at least 1 month before	will be carried out based on the current status of COVID19

## Annex 6: Status of Compliance with Environment Management Plan (EMP)

Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
<b>1. Recommendation during project location and designing phase</b>						
<i>Timing of Works</i>	- The works involved in the re-construction of the Trapeang Run Irrigation reservoir are expected to take up to 5 months. This will involve extensive vehicle movements, removal of spoil, installation of new gates etc which will impact upon the daily lives of people in the commune.	D1	Short term	- To minimize the impact of the project in the commune early discussions should take place with the commune heads to talk about the schedule and agree on times within which the PIC can operate.	Complied.	-
<i>UXO</i>	- Project works will take place in areas that are already well trafficked. Thus, it is not likely to have significant UXO risk. During the public consultation in March 2016, no one raised concerns about a UXO risk at the proposed site. It was an existing irrigation since Pol Pot Regime. However, a borrow pit site which is unknown yet, which could be hold UXO.	D2	Short term	- To avoid any risks, on all sites where excavation or ground clearance needs to take place, where there is a reasonable doubt as to the safety of the area, an approved mine clearance agency should be engaged for an agreed package of verification, detection and clearance work, to ensure that all areas where excavation, or access construction will take place are clear of UXO.	To be complied. Borrow pit will define later after final detailed design.	-
<i>Downstream impacts (Water Quantity)</i>	- Increased irrigation could cause a decrease in the available water for downstream farmers. However, the subproject is small and such risk is not likely to be significant.	D2	Medium	- Technical assistance will provide training for farmers on irrigated agriculture practices to improve knowledge on soils and appropriate responses, field improvement and preparation for irrigation, field water management, maintenance of water depth, level and timing, and role of drainage and its benefits. As part of the environmental monitoring plan, water availability monitoring will be conducted in downstream villages during wet and dry seasons to minimize	To be complied.	-

Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
				adverse impacts and take necessary remedial measures in a timely manner as necessary. (See Table AB.3)		
Existing On-site vegetation and food trees (there are palm trees and etc.)	- There is seem to be not significant impacts due to design phase only	D2	Short term	- The drawing of alignment of the embankment should be minimized the impacts - Possibility to remove the food trees from embankment and replanting within suitable places	Being complied.	-
<i>Arsenate in groundwater</i>	- Groundwater in the area is understood to have a very low count of arsenate, however as other subproject areas will be different caution and testing is recommended.	D2	Long term	- Contractors should be aware of potential arsenate issues and although there is no need for activities to extract groundwater it should be included as information about the site. - The contractor shall monitor the ground water quality within or nearby the project sites.	To be complied.	-
Floods and extreme weather events, and erosion	- Some sections of the project alignment will be affected by flooding and erosion, especially during rainy season - Floods and other extreme weather events will potentially damage rice field in reservoir due to raising/upgrading an embankment	D2	Long Term	- Impacts therefore will be reduced or avoided by appropriate qualitative design and experiential contractor together with environmental consideration including re-vegetation programs along alignment where there is potential to be affected by erosion. - Designing must be considered on flood of the rice field located in upper of reservoir and ensure the water level in this reservoir are extended not exceeding 150m from the embankment	Being complied.	-
<i>Encroachment of precious Ecological areas.</i>	- Not significant	D1	Short Term	- As the proposed site is out of protected areas and conservation, it is not expected to have any significant impact. Environmental consideration is still required in caring about ecological zones and flora and fauna	-	-



Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
				species during construction or operation. Based on consultative meeting with local villagers, they agreed that the improvement of the reservoir will benefit the habitats in the conservation area.		
<b>2. Environmental Impacts during Construction</b>						
<i>Dust from construction works</i>	- An adverse environmental impact could occur during the construction phase in case of improper construction management but is not likely significant.	D2	Short Term	- Water shall be sprayed during construction if the construction zone will be located close 50 m to urban areas such as village, hospital, school and so on to ensure that dust is minimized throughout the construction zone.	To be complied.	-
<i>Dust and material Transportation</i>	- An adverse environmental impact could occur during the construction phase in case of improper construction management but is not likely significant.	D2	Short Term	- Dry material handling and transport generate large amounts of dust thus: <ul style="list-style-type: none"> <li>• The Contractor shall prepare a dust control program.</li> <li>• Water shall be sprayed where dry materials are handled, crushed and transported.</li> </ul> - Vehicles transporting materials are to be covered fully and limited speed to reduce spills and dust. - Watering in regularly on the access road and within subproject site - Follow the Cambodian laws and regulations/guidelines	To be complied.	-
<i>Air pollution and noise</i>	- An adverse environmental impact could occur during the construction phase in case of improper construction management but is not likely to be significant.	D2	Short Term	- Vehicle and equipment emissions can cause air pollution and noise. Vehicles and equipment are to be maintained to meet Cambodian emission and noise standards. - Consultation with the beneficiary community will occur at commencement of construction to specifically discuss management and	To be complied.	-

Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
				<p>mitigation of potential short- term air and noise pollution.</p> <ul style="list-style-type: none"> <li>- To minimize impact, construction within 100m of a village or town is to be limited to lunch hours and night time.</li> <li>- Follow the Cambodian laws and regulations/guidelines, especially, air pollution and noise disturbance sub-decree</li> <li>- It is possible for contractor to have new equipments and vehicles for construction work, and well maintenance.</li> </ul>		
<i>Human waste /wastewater from construction and camp</i>	<ul style="list-style-type: none"> <li>- An adverse environmental impact could occur during the construction phase from workers. This will generate flies and transmitted diseases which will possibly result un-sanitation in the areas.</li> <li>- Wastewater from worker camps will be impact on the environment and community health</li> </ul>	D2	Short Term	<ul style="list-style-type: none"> <li>- Provision of sanitary facilities (toilets, burying, etc.) with proper waste disposal will be provided by contractors.</li> <li>- The toilet with septic must be installed far enough from water sources in accordance with guidelines/ regulations</li> <li>- Provide training on the waste management to worker before commencement work</li> </ul>	To be complied.	-
<i>Solid waste generation from construction and camp, work sites and workers</i>	<ul style="list-style-type: none"> <li>- Solid waste can create nuisance and bad odor, encourage disease vectors (such as flies and rats), blocked drainage system and hazard to environment. Hence, sufficient garbage containers are to be provided in construction camps and at work site, and be emptied daily, the waste being disposed of in an approved dump site.</li> <li>- Solid waste will be occurred due to the clearing, grubbing and remove the old structures, and impact on community heath.</li> </ul>	D2	Short Term	<ul style="list-style-type: none"> <li>- Every camp and work site should be clean during stay and before moving to a new site.</li> <li>- The temporary storage of solid waste resulting from construction, camp of workers and from kitchen shall be stored in the properly place</li> <li>- Work closely with local authority to identify the disposal area for dumping construction waste in properly manner.</li> <li>- Provide training on the waste management to worker before commencement work</li> </ul>	To be complied.	-

Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
<i>Traffic accident and traffic jam of equipment transportation</i>	- Some heavy equipment (heavy trucks, bulldozers, backhoes, etc.) will be brought to the construction areas for excavation and construction works. They will only be transported in and out during the construction period and in relatively small numbers. Even though the project area not heavily populated, no serious disturbance is envisaged; however it will possibly cause accidents to local communities, traffic jam and dust.	D1	Short Term	<ul style="list-style-type: none"> <li>- Construction vehicles shall comply with national regulation on speed limitation, especially at market, school, hospital, urban areas.</li> <li>- Keep road space or bypass for travelers to avoid traffic jams.</li> <li>- Vehicle for construction should park at designated safe places.</li> <li>- All workers need to be equipped with safety equipment such as: glove, boot and safety hat, etc</li> <li>- Contractor shall provide training on the safety management to workers and local communities before commencement work</li> </ul>	To be complied.	-
<i>Soil erosion</i>	- Soil erosion will occur during earthwork and clearing along the bank or existing irrigation. This will cause deterioration in water quality and impact on some aquatic resources.	D2	Medium	<ul style="list-style-type: none"> <li>- Hence good construction practices shall help to mitigate soil erosion and siltation. Additionally, re-planting of vegetation will also help to mitigate erosion.</li> <li>- The raising an embankment shall be well compacted, making gentle slope and construction activities shall be avoided during the raining season</li> </ul>	To be complied.	-
<i>Worker safety and health</i>	- Some workers will be recruited for construction activities and workers' camp will be constructed. These will include non-skilled workers, operators and drivers as well as surveyors and construction supervisors. Since the works will be relatively small scale and expected to be completed within one year, large numbers of workers are not expected. However, safety and health impacts will be also expected.	D3	Short Term	<ul style="list-style-type: none"> <li>- Workers should wear protection equipment during works to ensure that they are safe and good health.</li> <li>- A contractor should develop a guideline on working mechanism, health and safety during construction, especially, should follow the Occupational Health and Safety (OHS).</li> <li>- Contractor shall provide first aid treatment to the construction staffs and workers.</li> <li>- Manager should educate his workers on <i>health and safety projection</i>.</li> </ul>	To be complied.	-

Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
<i>Conflict</i>	- Some workers will be recruited for construction activities and workers' camp will be constructed. These will include non-skilled workers, operator and drivers as well as surveyors and construction supervisors. Since the works will be relatively small scale and expected to be completed within one year, large numbers of workers are not expected. However, conflict will be also expected.	D2	Short Term	<ul style="list-style-type: none"> <li>- A contractor should develop a guideline on staff management and policy. Manager should educate his workers to avoid any conflict may happen in advance.</li> <li>- Contractor shall provide training on the safety and security management to workers and local communities before commencement work in order to minimize the conflict</li> <li>- Work closely with competencies authority as well as local authority for solving the conflict</li> </ul>	To be complied.	-
<i>Transmitted diseases</i>	- Some workers will be recruited for construction activities and workers' camp will be constructed. These will include non-skilled workers, operators and drivers as well as surveyors and construction supervisors with different gender. Hence, transmitted diseases, especially HIV, will be also expected.	D3	Short Term	<ul style="list-style-type: none"> <li>- A contractor should develop a guideline on health and safety management during construction.</li> <li>- Manager should educate /training his workers and local villagers on health and HIV program, and especially, on how to prevent the transmitted diseases.</li> </ul>	To be complied.	-
<i>Damage trees along the bank of existing irrigation</i>	- Some trees along the bank of the existing irrigation dam will be affected during clearing activities. However it is not recommended to damage all trees along the bank except those are not avoidable.	D2	Long Term	<ul style="list-style-type: none"> <li>- Re-growing trees thus they can protect erosion, reduction of evaporation and complementary to environment.</li> <li>- Minimizing the cutting food trees along the embankment and access road to the subproject (both sides) and on the slope of embankment in order to minimize the impacts</li> <li>- Possibility to remove the food trees from embankment and replanting within suitable places</li> </ul>	To be complied.	-
Floods and extreme weather events, <i>and</i>	- Floods and other extreme weather events will potentially damage rice field in reservoir due to	D2	Long Term	- The controlling of water level in the reservoir is required in order to avoid flooding of rice field for local farmer	To be complied.	-

Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
<i>erosion</i>	raising/upgrading an embankment			located in upper of reservoir - Water gate and other structure facilities must be required to ensure their function are well operation and can keep water level at limitation		
<i>Pollution from fuels and black oil</i>	- The impact is temporary, as the risk will be confined to the construction period.	D2	Medium Term	- Secure and controlled storage of all toxic and hazardous materials including fuels and black oil. Provide sanitation arrangements at work sites, to avoid no raw sewage released into drains or streams. Maintenance of vehicles and plant in soundoperable condition, preventing oil leakages and excessive exhaust emissions. - Black oil should be stored in the safe place and manner in order to ensure that this oil is not polluted to the water sources.	To be complied.	-
<b>3. Environmental Impacts during Operation</b>						
<i>Surface Water and Ground water pollution</i>	- Currently, use of agricultural chemicals is available in the project area. The primary objective of the Project is to provide supplementary wet season irrigation and dry season irrigation but the project scale is very small. Therefore, it is not likely to highly significantly increase the use of agricultural chemicals. However environmental consideration, especially about the toxic chemical used must be considered.	D3	Long Term	- An educational program on fertilizer standards and use, as well as potential environmental impacts, will be provided as part of the ongoing agronomic support from PDoA. - Environmental monitoring of a surface water and ground water quality at upstream and downstream is conducted by PDoA/MAFF or by MOWRAM/PDWRAM to assess any negative impact on the water bodies and collaborate with PDoE/MOE to ensure appropriate use of agricultural chemicals and fertilizer.	To be complied.	-
<i>Inadequate O&amp;M</i>	- Poor and inadequate operation and maintenance (O&M) of the improved irrigation systems could	D3	Medium Term	- Acceptable and appropriate O & M should be developed for sustainable operation and maintenance.	To be complied.	-

Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
	cause unintended adverse environmental impacts. Establishment and operation of FWUC is part of the project design and support. The PDA in cooperation with PDWRAM should provide a technical support to set up FWUCs and Farmers Water User Groups (FWUGs). A FWUC is the governing board, normally comprising chairman, deputy chairman, secretary and treasurer. A FWUG is charged with undertaking or ensuring the key activities - operation and maintenance and is also involved in collecting irrigation service fee. The FWUCs through a project technical assistance to strengthen overall water management capacity of FWUCs.			- Sufficient training to FWUGs must be also provided thus they will be able to manage, operate and maintain the irrigation in sustainability.		
<i>Accident</i>	- Some sections of the project are located near residential areas where children or a vulnerable adult could possibly fall into and drown in the irrigation water.	D3	Long Term	- A safety management program should be provided by the project in cooperation with FWUC and local authority. - Contractor shall install the safety sign boards and inform to the local villagers and local authority	To be complied.	-
<i>Conflict of water utilization</i>	- This can occur between downstream and upstream water users where inappropriate management combines with inequitable sharing; a lack of understanding would need to be addressed.	D3	Long Term	- These misunderstandings should be avoidable with support of FWUC and proper O&M manual. - Educational program for water saving use should be provided and include concepts of where equitable water sharing and effective management should be applied.	To be complied.	-
Floods and extreme weather events	Floods and other extreme weather events will potentially damage rice	D3	Long Term	- The upgrading of embankment should be ensured that the water level in	To be complied.	-

Potential Impacts	Nature of Impacts	Significant ★	Duration	Mitigation Measures	Compliance	Issue for Further Action and Target Date
	field in reservoir due to raising/upgrading an embankment			reservoir will not flooded the paddy field of local farmer located upper of reservoir (150m from dam). - Regularly control the function of all structures as well as water gate, so that these structures keep water level safer for rice field in upper of reservoir.		
<b>4. Environmental and Social Benefits</b>						
<i>Increasing agricultural activities and farmer's knowledge</i>	- Improved water control and management as due to an upgraded irrigation scheme will enable communities to manage flood and drought. Training in irrigated agriculture practice will improve farmers' knowledge on soils and appropriate response, field improvement and preparation for irrigation, field water management, maintenance of water depth, level and timing, role of drainage and its benefits, strengthening adaptive capacity of farmers to climatic variability	D4+	Long Term	- Strengthen capacity of FWUC and local authority for flood control, management and maintenance of the irrigation.	To be complied.	-
<i>Employment</i>	- Through enhancement of agricultural activities and local incomes, in-migrant employment will benefit local communities who migrate for work. Additionally some migrant employees will return home with improved agriculture skills and will have a chance to find a job at the locality.	D3+	Long Term	- Strengthen capacity of FWUC and local authority for problem, solutions, management and maintenance of the irrigation.	To be complied.	-

NB: Significant: There is a range of numbers used ranging from: D1=little significant – D4 significant impact

### STATUS OF GENDER ACTION PLAN MONITORING TABLE

Note: The GAP complies with LOAN No 3661-CAM (COL) Schedule 5 Para 12

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (as Q1 of 2020) (This should include information on period of actual implementation, sex-disaggregated quantitative updated (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>															
<b>Objective 1.1 Ensure critical agribusiness value chain infrastructure is responsive to the needs of women and men</b>															
<p>1.1.1 Involve women and Women Farmers Network (WFN) representatives actively and meaningfully in each individual event for all consultations and planning activities related to improvement and climate resiliency of critical infrastructure supported by the project</p> <p><b>Target 1:</b> 40% W (not yet reached/more data needed)</p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MOWRAM; MRD; WFN; design engineers, Project's Gender units, GFPs</p> <p><b>Timeframe:</b> Q1 Y2 - Q4 Y4</p>	<ul style="list-style-type: none"> <li>○ Mainstreaming gender into the project activities through the application of Gender Mainstreaming Strategy plan 2019-2023 of the Government strategy by providing gender activities introducing with Gender key person at MAFF MOWRAM and MRD.</li> <li>○ Targeted for implementation as project implementation progresses</li> <li>○ AC members for current work still not clear of information on what they received and shearing with each other, how to encourages women participants in are AC committee, Role of women in reproductive works, and the capacity building that they received from other institution and sometimes met with district GFP( establish structure ) .</li> <li>○ The data not jet complete due to COVID 19 and we will be collected to filled the gap.</li> <li>○ Women AC members affirmed that recently, men and women helped each other for the house hold works and agriculture production; women are able to work for farm and far from home and men worked at home instead of women daily works that were done by women. Some women are working in Garment factory and men (their husbands) are happy to work at home, they can clean house, cook, taking care children, and also at home men are able to work with vegetable planting and animal raising/feeding.</li> </ul> <table border="1" data-bbox="728 1289 1659 1455"> <thead> <tr> <th rowspan="2">Province</th> <th rowspan="2">No. of groups</th> <th colspan="3">AC Management Committee composition</th> </tr> <tr> <th>Total</th> <th>Female</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>Kampot</td> <td>2</td> <td>39</td> <td>16</td> <td>41%</td> </tr> </tbody> </table>	Province	No. of groups	AC Management Committee composition			Total	Female	%	Kampot	2	39	16	41%	<ul style="list-style-type: none"> <li>○ In some target provinces don't have WFN such as Takeo province.</li> <li>○ At the present time we need more data on WFN number in each target provinces such as Kampong charm and Tbnong Khmom province</li> <li>○ The discussions with WFN will be held to ask a WFN after COVID 19 under control</li> </ul>
Province	No. of groups			AC Management Committee composition											
		Total	Female	%											
Kampot	2	39	16	41%											



	Takeo	2	40	11	28%		
	<b>Total</b>	<b>4</b>	<b>79</b>	<b>27</b>	<b>34.3%</b>		
<b>Note: Group of Board Member and Supervisory Committee</b>							
	<b>Province</b>	<b>No. of AC</b>	<b>AC members</b>				
			<b>Total</b>	<b>Female</b>	<b>% Female</b>	<b>FHH</b>	<b>% FHH</b>
	Kampot	5	820	467	57%		
	Takeo	5	1355	555	41%		
	<b>Total</b>	<b>10</b>	<b>2175</b>	<b>1022</b>	<b>49%</b>		
<b>Objective 1.2 Enhance income generating opportunities for women</b>							
<p>1.2.1 Ensure women benefit from jobs created by the project related to infrastructure construction/ rehabilitation as well as operation and maintenance.  <b>Target 2:</b> 25% W (Not yet reached/more data needed)  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MOWRAM; MRD; contractors of civil works, Project's Gender units, GFPs  <b>Timeframe:</b> Q1 Y2 - Q4 Y6</p>	<ul style="list-style-type: none"> <li>Targeted for implementation as project implementation progresses.</li> <li>Joint field site screening with Social safeguard and environment for an overview orientation and looking for social impact of the project implementing.</li> </ul>					<ul style="list-style-type: none"> <li>Since this is the start of the project, this activity has not yet to be implemented</li> <li>General knowledge of core labour standards and GM skills of key people in PPIUs at MAFF/MOWRAM/MRD is limited and require GAP orientation</li> </ul>	
<p>1.2.2 Provide skills enhancement for women in infrastructure related construction/rehabilitation (e.g. masonry skills for bio-digesters construction), and operation and maintenance (e.g. small-scale irrigation schemes)  <b>Target 3:</b> 30% W (Not yet reached/more data needed)  <b>Responsibilities :</b> PMU MAFF (lead) and PPIUs; GDAHP; MOWRAM; MRD; civil works</p>	<ul style="list-style-type: none"> <li>Targeted for implementation as project implementation progresses</li> </ul>					<ul style="list-style-type: none"> <li>The process of approval is to be determined. Sub-projects implementation to commence after site screening and detailed design</li> </ul>	

contractors, Project's Gender units, GFPs <b>Timeframe:</b> Q4 Y1 – Q4 Y6		
<b>Objective 1.3 Increase the uptake of biodigesters</b>		
1.3.1 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>Target 4:</b> 50% W (Not yet reached/more data needed) <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; GDAHP, Project's Gender units, GFPs <b>Timeframe:</b> Q1 Y2 – Q4 Y4	<ul style="list-style-type: none"> <li>○ Targeted for implementation as project implementation progresses.</li> <li>○ The Project's Gender units and GFPs will cooperate with the National Biodigester Standards and Training &amp; Capacity Building Specialist after Khmer New to integrate GM into the training process, prepare sex-disaggregated data collection forms and distribute to relevant people in the target provinces to facilitate accurate data collection and management</li> </ul>	<ul style="list-style-type: none"> <li>○ Fieldwork consultations with target villagers and communes show villagers don't actually want or need bio-digesters because:             <ul style="list-style-type: none"> <li>-Beneficiaries prefer to sell cows and buy small tractors so there is a lack of cow manure</li> <li>-Many beneficiary groups now have electricity so don't need biogas</li> <li>-More people, especially youth, migrate to find jobs and send money back to their families to contribute to electricity and other services</li> <li>-there is a resistance to composting because it takes a lot of work, time and effort</li> </ul> </li> </ul>
1.3.2 Involve women as active agents in the promotion campaigns on the use of renewable energy solutions  <b>Action 1:</b> No definite indicator target <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; GDAHP, Project's Gender units, GFPs <b>Timeframe:</b> Q4 Y1 – Q4 Y4	<ul style="list-style-type: none"> <li>○ Not yet accomplished</li> <li>○ Targeted for implementation as project implementation progresses.</li> </ul>	<ul style="list-style-type: none"> <li>○ Time frame has to be fine-tuned and fitted in with the other activities</li> <li>○ The GAP monitoring system will incorporate sex disaggregated data. The GAP will be implemented within each and every program activity, where relevant.</li> <li>○ The GAP is prepared in order to highlight and remind the implementing agencies of their responsibilities.</li> <li>○ Time frame has to be fine-tuned to fit in with other activities</li> <li>○</li> </ul>
<b>Output 2 : Climate smart agriculture and agribusiness promoted</b>		
<b>Objectives 2.1 Strengthen women farmers' (individual and member of cooperatives) involvement along climate-friendly agribusiness value chains</b>		

## Annex 7

<p>2.1.1 Involve women farmers (and the WFN) actively in the selection and multiplication of climate resilient crops varieties and build on their local knowledge in this area.  <b>Action 2:</b> No definite indicator target  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; CARDI; WFN, Project's Gender units, GFPs  <b>Timeframe:</b> Q4 Y1 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>○ Targeted for implementation as project implementation progresses.</li> <li>○ Discussions will be held with WFN selection multiplication of climate resilient crops varieties and build on their local knowledge in this area. This process will be expanded due to COVID 19.</li> <li>○ The capacity building was not done into three levels; one for Gender Focal points at National, Provinces and Community and districts. These are focused on an overview Gender concept and GAP in climate resilient crops varieties in the area Climate Change adaptation agribusiness value chains.</li> </ul>	<ul style="list-style-type: none"> <li>○ Membership lists of WFN participation on this topic will be collected in the near future after COVID 19 under control.</li> <li>○ The data not jet complete we because necessary data under process due to COVID 19.</li> </ul>
<p>2.1.2 Involve women farmers and WFN representatives actively and meaningfully in <b>each</b> individual event for all capacity-building activities (trainings, demonstrations, study tours) supported by the project: (1) agricultural extension and technical capacity-building activities including those related to climate change adaptation and mitigation; (2) trainings on how to operate and maintain a range of agricultural machinery; (3), management (including leadership, negotiation) and business skills trainings.  <b>Target 5: W40%</b> (Not yet reached/more data needed)   <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, MOWRAM, WFN, Project's Gender units, GFPs  <b>Timeframe:</b> Q1 Y2 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>○ Gender mainstreaming are integrated in the CS2 sub project capacity building training</li> <li>○ Men and women are equally access to participant in all activities and control of the commune resources.</li> <li>○ Most of AC in Takoe and Kampot access to sales markets and has been enhanced for community farmers, both women and men are improvements in transport infrastructure, pricing and reduced marketing costs. service providers, and other actors, such as processors and importers.</li> <li>○ The agricultural extension, trainings and technical capacity building activities including those related to climate change adaptation mitigation and business skills trainings are under TNA and implementation as project implementation progresses.</li> <li>○ Formal documentation membership lists of each WFN are developed and will collecting sex- aggregate data after COVID 19 under control</li> </ul>	<ul style="list-style-type: none"> <li>○ WFN and FWUC members' education levels may be low so will require training according to their needs</li> </ul>
<p>2.1.3 Strengthen linkages between women-led and/or owned farms/enterprises and agribusiness industry.  <b>For support provided to cooperatives:</b> preferential support will be given to agricultural</p>	<ul style="list-style-type: none"> <li>○ Targeted for implementation as project implementation progresses</li> <li>○ Preliminary discussions held with agriculture cooperatives in 2 provinces</li> <li>○ The Gender Action plan for the current project that prepare and integrations with CS2 year 2020, it was not accomplished time because of COVID 19 by time follow the activities planned.</li> <li>○ The National Rice workshop were raised by CS2 in March, 10 year 2020 in order to improve the capacity of the AC with integration GAP into women-led</li> </ul>	<ul style="list-style-type: none"> <li>○ Depending on the timeframe of sub-project implementation, affected women/households in WFN, AC and FWUC will be identified and the information transferred to MAFF and PDA in</li> </ul>

<p>cooperatives with a majority of female members.  <b>Target 6:</b> 50% W (Not yet reached/more data needed)  <b>Responsibilities :</b> PMU/CS2 MAFF (lead) and PPIUs; WFN, Project's Gender units, GFPs  <b>Timeframe:</b> Q1 Y2 – Q4 Y2</p>	<p>and/or owned farms/enterprises agribusiness as well for the implementor on GAP in project .The total 106 participants (F= 12 or 17% ) from 4 target provinces (Kampot, TaKeo, KampongCham &amp; ThboungKhmum province) and stakeholders of national ministries / institutions, MRD , MOWRAM,MEF, MEF Sub-nationals from DAFF, AC of the target provinces, PIC and PMU. as well as Involvement of national and international organizations that apply to Cambodian agriculture and rice mills Private sector).</p>	<p>the 4 provinces and prioritized in work-plans and training activities.  ○ The lack of incentive support to women's volunteer work was often reported as the key constraint, undermining the ability to perform their active role.</p>
<p>2.1.4 Work with the WFN to identify context-appropriate ways to address burden of household and care work for women farmers, especially female headed households, which prevents them to increasingly participate and move up along the value chains.  <b>Action 3:</b> No definite indicator target  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, Project's Gender units, GFPs  <b>Timeframe:</b>Q1 Y2 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>○ Targeted for implementation as project implementation progresses</li> <li>○ Both men and women did not work hard for rice farming production. Most of the rice farming production activities were used the machine, and some other activities such as taking grass and putting fertilizers; the farmers used the pesticides and chemical fertilizers that bought from the sellers</li> <li>○ The machines used for rice farming production are driven by the men, but not the man in the family. So as gender issue related to rice farming production, both men and women can hire the other people who have these machines.</li> <li>○ The national gender specialist and Gender focal point have cooperated with the National M&amp;E to prepare sex-aggregate data collection forms and distributed to all specialist PIC in order for them to properly and accurately manage, organized the data, and easy to keep beneficiary record</li> </ul>	<ul style="list-style-type: none"> <li>○ In some target provinces e.g. Takeo, the WFN is absent but discussions will be held to ask if a WFN can be set up in this province</li> </ul>
<b>Objectives 2.2 Ensure female staff benefit from capacity-building activities related to climate-friendly agribusiness value chains</b>		
<p>2.2.1 Ensure relevant female staff participate in capacity-building activities that are targeted at government officials at national and local levels with regard to climate-friendly agribusiness value chains  <b>Target 7:</b> 25% national level/20% sub-national  <b>Responsibilities:</b> PMU MAFF (lead) and PPIUs, Project's Gender units, GFPs  <b>Timeframe:</b> Q1 Y2 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>○ Targeted for implementation as project implementation progresses.</li> <li>○ Workshop on GAP orientation training awareness will be conducted on 31 March 2020 in Tonle Bassac II Restaurant in Phnom Penh with 102 (38 females or 37.25 %) participants from the 3 ministries to attend this Gender <a href="#">Orientation</a> workshop. but it was post phone due to COVID 19 and wait until the COVID 19 under control.</li> </ul>	<ul style="list-style-type: none"> <li>○ Number of women participating in the project is high but there are less women at decision making level because of existing government structures, cultural norms which constrain women's confidence levels and defer to men</li> </ul>
<b>Output 3: Enabling environment for climate friendly agribusiness enhanced</b>		
<b>Objectives 3.1. Institutionalize gender mainstreaming in the climate-friendly agribusiness value chains sector</b>		
<p>3.1.1 At project inception, refine the gender analysis for each of the 4 targeted value chains and develop</p>	<ul style="list-style-type: none"> <li>○ Targeted for implementation as project implementation progresses</li> <li>○ MAFF GMAP present in the final draft of the Gender Mainstreaming Policy and Strategic Framework in Agriculture (2016-2020) page 1, mentioned that: they</li> </ul>	<ul style="list-style-type: none"> <li>○ Many issues will be addressed in the process of mainstreaming gender. One of the major</li> </ul>

<p>a set of clear policy and program recommendations to strengthen women farmers' involvement along the different value chains. Ensure that capacity is built within MAFF/ Gender &amp; Children Project Support Unit (GCPSU) for gender responsive value chain analysis and develop methodology/guidelines that can be used in future analysis.</p> <p><b>Action 4:</b> Relevant report prepared</p> <p><b>Responsibilities:</b> Subcontracted consultant (lead) reporting to CS1, PMU MAFF, Project's Gender units, GFPs</p> <p><b>Timeframe:</b> Q2 Y1</p>	<p>recognize the signification contribution of women to agricultural labour, production, harvest, processing and marketing. It identifies specific constraints in these areas and proposes some sector-specific outcomes and target indicators to address those identified constraints and recognizes women's participation in management and training consultants recognizes that climate change is a cross-cutting issue, which affects agriculture which are not gender neutral and therefore need to be addressed to ensure both mitigation and adaptation initiatives will produce and contribute to achieving gender equality.</p> <ul style="list-style-type: none"> <li>○ The roles of female are presently changing with the adoption of mechanized farming and migration of young men out of rural areas. Women are as a result ever more involved in all farming tasks such as land preparation, irrigation, threshing, and recruitment of labour, farm management and trading.</li> <li>○ The subcontracted study will have gender responsive questionnaires and methods which will guide capacity building of relevant staff and assist gender responsive policy</li> </ul>	<p>challenges identified included the lack of support related technical to mainstreaming gender in to gender responsive value chain analysis and develop methodology/guidelines that can be used in future analysis at the provincial level.</p> <ul style="list-style-type: none"> <li>○ undertake the gender analysis study</li> <li>○ Lack of technical agriculture value chain skills within the whole Project (all components)</li> <li>○</li> </ul>
<p>3.1.2 Integrate key recommendations from the above-mentioned gender analysis of value chains and key features of the MAFF Gender Policy into the Agribusiness policy and other related documents prepared under the project.</p> <p><b>Action 5:</b> Gender responsive recommendations fed into Agribusiness Policy</p> <p><b>Responsibilities:</b> PMU MAFF (lead); Project's Gender units, GFPs</p> <p><b>Timeframe:</b> Q4 Y1 – Q2 Y3</p>	<ul style="list-style-type: none"> <li>○ The project activities only field site and subproject orientation.</li> <li>○ Support mainstreaming of gender into the project activities through the application of Gender Mainstreaming Strategy plan 2019-2023 of the Government strategy by providing gender activities overview and GAP by joint TNA with CS2 and Gender key person at in 3 ministry ( MAFF , MOWRAM , MRD) to ensure equal participation of men and women in employment opportunities Core labor standards, decision-making processes and implementation of adaptation activities.</li> </ul>	<ul style="list-style-type: none"> <li>○ The knowledge of the Gender focal person in the target province are limited of understanding on Gender mainstreaming and preparing gender action plan as well, so the gender specialist and gender focal person PMU need more involve and encourage to gender focal person in the target to help them on GAP implementation future more to achieve the overall project objective sets.</li> <li>○ Consultants yet to be identified and contracted to undertake the gender analysis study</li> <li>○ Time frames for policy meetings have to be fine-tuned and fit in with MAFF GCPSU, GFP WRFN, and other gender stakeholders' work</li> <li>○ General knowledge and gender mainstreaming skills of the key person in PPIUs MAFF; MOWRAM; MRD; work in the project Climate-Friendly Agribusiness Value Chains still limits and need GAP orientation</li> </ul>

		linked to an adaptation planning process
<p>3.1.3 Integrate a session on gender equality in climate-friendly agribusiness value chains (based on gender analysis report mentioned above) into the training and awareness raising activities for relevant project stakeholders (i.e. relevant departments in MAFF, agricultural extension agents, local leaders and government officials, GCPSU and Gender Focal Points, and WFN)</p> <p><b>Action 6:</b> No definite indicator target</p> <p><b>Responsibilities:</b> PMU MAFF CS2 (lead) PPIUs; MOWRAM; WFN, Project's Gender units, GFPs</p> <p><b>Timeframe:</b> Q4 Y1 – Q1 Y2</p>	<ul style="list-style-type: none"> <li>○ Training session and material for GAP orientation awareness training for National government officials, GCPSU and Gender Focal Points, and WFN including gender awareness materials are prepare for dissemination and was post phone due to COVID 19 and will plan after COVID 19 under control.</li> <li>○ Joint conduct training need assessment amongst the ACs management team of the selected ACs of project in 2020 in Kampot from 16 to 20 March 2020 and Takeo from 23 to 27 March 2020 with CS2.</li> <li>○ All terminology and message in the training materials used local terminology with pictures showing relevant topics and roles and responsibility of both men and women which advances gender sensitive knowledge, skills and attitude.</li> <li>○ Targeted for implementation as project implementation progresses.</li> </ul>	<ul style="list-style-type: none"> <li>○ Consultants yet to be identified and contracted to undertake the gender analysis study</li> <li>○ Since this is the start of the project, training has not yet commenced</li> <li>○ Time frame has to be fine-tuned and fitted in with the other activities as GFPs of the 3 ministries and other stakeholders are busy with core work</li> </ul>
<p>3.1.4 Actively involve the MAFF GCPSU, 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 7:</b> No definite indicator target</p> <p><b>Responsibilities:</b> PMU MAFF (lead) and PPIUs; MAFF GCPSU; sub-national Gender Focal Points; WFN, Project's Gender units, GFPs</p> <p><b>Timeframe:</b> Q2 Y1 – Q4 Y7</p>	<ul style="list-style-type: none"> <li>○ Targeted for implementation as project implementation progresses.</li> <li>○ Encourage key person in the target province by identify target group and Joint training need assessment with CS2 for capacity building on gender in the climate-friendly agribusiness value chains of villages and communes. In Takeo province.</li> <li>○ The national Gender specialist work closely with PMU and PIU gender focal points related to delivering project's activities by engaging to field monitoring, on-the-job training in particular gender issues in climate-friendly agribusiness value chains, GAP implementation, monitoring, present on how to mainstreaming gender into activities network and GAP future plan with provided the knowledge and experience on GAP to help them advocate gender issues.</li> </ul>	<ul style="list-style-type: none"> <li>○ The lack of incentive support to their volunteer work was often reported as the key constraint, undermining the ability to perform their active role.</li> <li>○ Since this is the start of the project, monitoring of activities has not yet commenced but initial introductions to Project activities have been made by the CS1 Gender unit to GFPs</li> <li>○ The lack of incentive support to their volunteer work was often reported as the key constraint, undermining the ability to perform their active role</li> </ul>
<b>Objectives 3.2 Enhance access to green finance for women involved in agribusiness value chains</b>		
<p>3.2.1 Raise awareness among women farmers/ cooperative members, women-led and/or</p>	<ul style="list-style-type: none"> <li>○ Targeted for implementation as project implementation progresses.</li> </ul>	<ul style="list-style-type: none"> <li>○ The contents of these awareness raising sessions will be finalized after training needs assessment</li> </ul>



<p>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>Target 8:</b>30% W (Not yet reached/more data needed)</p> <p><b>Responsibilities :</b>PMU MAFF (lead) and PPIUs, ICT unit, Project's Gender units, GFPs</p> <p><b>Timeframe:</b> Q1 Y2 – Q4 Y6</p>	<ul style="list-style-type: none"> <li>○ Training materials were review in Khmer language by national gender consultant and distributed to participants during the raising awareness training to the stakeholder.</li> <li>○ The participant was assigning according to the existing commune district structure where female participant represents and the list of extension of stakeholders in each province provided for project action year 2 to year 6 will collected</li> <li>○ The community training schedule will be established based on consult with all participants during the Training Need Assessment Workshop.</li> </ul>	<ul style="list-style-type: none"> <li>○ Ability to absorb information varies depending on education levels, so facilitators will need to pay attention and use different training delivery methods, e.g. visual aids</li> </ul>
<p><b>Project management gender related activities</b></p>		
<p><b>Targeted measures:</b></p> <ol style="list-style-type: none"> <li>1. PMU to appoint safeguards officer to be also responsible and accountable for gender, who will closely liaise with representatives from the MAFF GCPSU at national level and from WFN, Agricultural Cooperatives and gender focal points at provincial levels.</li> <li>2. Prepare annual work plans to implement the activities of the GAP.</li> <li>3. Gender consultants (national and international) to be recruited and build capacity of the GCPSU and gender focal points and PMU staff in gender analysis and mainstreaming, and support GAP implementation, monitoring and reporting.</li> <li>4. Collect and analyze data disaggregated by sex where relevant and integrate gender sensitive indicators (from DMF and GAP) in the PPMS.</li> <li>5. Ensure regular monitoring and reporting (at least semi-annually to ADB) on the progress of GAP implementation</li> </ol> <p><b>Progress to date:</b></p> <ol style="list-style-type: none"> <li>1. This appointment is to be discussed further</li> <li>2. Annual work plans to implement GAP activities with other component are to be prepared in Jan/Feb 2020 and</li> <li>3. The CS1 Gender specialists/gender focal points (GFP) are in place in the PMU/PIU and at all relevant levels of project monitoring and implementation: Mrs. Meas Sotheavy is the MAFF GFP working with the MAFF Gender and Children Working Group (GCWG), Mrs.Keo Nessay is the MRD GFP, and Mrs. Dom Tharch is the MoWRAM GFP. Mrs. Ingrid Gray, International Social Development and Gender Specialist and Mrs. Kol Prapey, National Social Development and Gender Specialist are part of the CFAVC (CS1) consulting team.</li> <li>4. Sex-disaggregated data is integrated into the project performance monitoring system (PPMS) and progress reports: all GAP and gender features are included in the Project's quarterly/annual progress reports</li> <li>5. GAP implementation activities are included in the project work plans, Design Monitoring Framework (DMF) and the Project's budget. In addition, GAP orientations and refresher courses will be provided to PMU, PIU, and relevant staff at national and provincial levels, including consultant team members</li> </ol>		

GAP = gender action plan; GCPSU = Gender & Children Project Support Unit; 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.

## Annex 8 – Status of the Compliance with the Loan and Grant Covenants

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
Loan 3661	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.	1st annual audited project financial statement reports for FY 2018 deferred for submission in Jun 2020	Being complied	Financials
Loan 3661	Schedule 4	4	3. The Borrower shall enable ADB's representatives to inspect the Project, the Goods, and Works, and any relevant records and documents.	Inception mission verified office equipment and goods delivered to EA/IAs	Being complied	Financials
Loan 3661	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.	To be complied. 1st annual audited project financial statements report for 1 Oct 2018 to 31 Dec 2019 to be submitted in Jun 2020.	To be complied with	Financials
Loan 3661	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.	Separate accounts established. 1st annual audited project financial statement reports for FY 2018 deferred for submission in Jun 2020.	Being Complied	Financials
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	1	<b>Implementation arrangements.</b> 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	For 2 project activities, ponds and drip irrigation, the RCG still to determine which IA will implement	To be complied with	Others
Loan 3661	Schedule 5	2	<b>Environment.</b> 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	Safeguards

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
Loan 3661	Schedule 5	3	<b>Land Acquisition and Involuntary Resettlement.</b> 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	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.	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.	Being complied	Safeguards

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
Loan 3661	Schedule 5	5	<b>Indigenous Peoples.</b> 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 under the Project.		To be complied with	Safeguards
Loan 3661	Schedule 5	6	<b>Human and Financial Resources to Implement Safeguards Requirements.</b> The Borrower shall make available necessary budgetary and human resources to fully implement any EMP, RP and IPP.		Being complied	Safeguards
Loan 3661	Schedule 5	7	<b>Safeguards - Related Provisions in Bidding Documents and Works Contracts.</b> The Borrower shall ensure that all bidding documents and contract for works contain provisions that require contractors to: (a) 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; (b) make available a budget for all such environmental and social measures; (c) 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; (d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and (e) fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	First invitation for bids for civil works will be issued in April 2020.	Being Complied	Safeguards

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
Loan 3661	Schedule 5	8	<b>Safeguard Monitoring and Reporting.</b> The Borrower shall do the following: (a) submit semiannual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission; (b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs, the RPs, and the IPPs, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the even and proposed corrective action plan in accordance with the SPS; and (c) 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.	Schedules for July 2020	To be complied with	Safeguards
Loan 3661	Schedule 5	9	<b>Prohibited List of Investments.</b> 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	Safeguards
Loan 3661	Schedule 5	10	<b>Labor Standards, Health and Safety.</b> The Borrower shall ensure that the core labor standards and the Borrower's applicable laws and regulations are complied with during Project implementation. The Borrower shall include specific provisions in the bidding documents and contracts financed by ADB under the Project requiring that the contractors, among others, (a) comply with all applicable labor laws and regulations of the Borrower; (b) do not use child labor; (c) do not discriminate workers in respect of employment and occupation; (d) do not use forced labor; and (f) disseminate information on the risks of sexually transmitted diseases, including HIV/AIDS, to the employees of contractors engaged under the Project and to members of the local communities surrounding the Project areas, particularly women.		Being Complied	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	Safeguards
Loan 3661	5	12	<b>Gender and Development.</b> The Borrower shall ensure that the (a) GAP is implemented in accordance with its terms; (b) the bidding documents and contracts include relevant provisions for contractors to comply with the measure set forth in the GAP; (c) adequate resources are allocated for implementation of the GAP; and (d) progress on implementation of the GAP, including progress toward achieving key gender outcome and output targets are regularly monitored and reported to ADB.	First gender orientation meeting postponed due to Corona-19	To be Complied with	
Loan 3661	Schedule 5	13	<b>Counterpart Support.</b> The Borrower shall ensure that counterpart support necessary for the Project is provided on a timely basis.		Being Complied	Financials
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	Financials
Loan 3661	Schedule 5	15	<b>Subproject selection.</b> 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 Annex 1 (Implementation Procedures) of the PAM.		Being complied	Sector

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
Loan 3661	Schedule 5	16	<b>Governance and Anticorruption.</b> 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	Others
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	Others
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	Project website is operational since March 2020.	Being Complied	Others
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.	Inception mission verified office equipment and goods delivered to EA/IAs	Being Complied with	Financials
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.	Agreed.	Comply	Financial
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.	The first annual audited project financial statements report for 1 Oct 2018 to 31 Dec 2019 to be submitted in Jun 2020.	To be Complied with	Financials
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	Financials
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.	1st annual audited project financial statement reports for FY 2018 deferred for submission in Jun 2020.	Being Complied	Financials
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. Separate accounts established. 1st annual audited project financial statement reports for FY 2018 deferred for submission in Jun 2020.	Being Complied	Financials

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
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 delay. Final inception report to be submitted to ADB on 15 Feb 2020. 1st quarterly progress report (Jan-Mar 2020) to be submitted to ADB on 30 April 2020.	Being complied	Financials
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.	ADB request CS1 and CS2 packages to quickly mobilized the remaining experts by 29 Feb 2020.	Being Complied	Financials
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 delay. Final inception report to be submitted to ADB on 15 Feb 2020. 1st quarterly progress report (Jan-Mar 2020) to be submitted to ADB on 30 April 2020.	Being Complied	Financials

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
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.	Comply	Financials
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.	Agreed	Comply	Financials
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.	Agreed.	Comply	Financials
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.	Agreed.	Comply	Financials
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.	Comply	Financials
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.	Agreed.	Comply	Financials



Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
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.	. Issues on ponds were raised and discussed in the PSC conducted on 28 Jan2020. Minutes of meeting will be forwarded to the Minister of MAFF for further actions.	Being Complied	Financials
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	Financials
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	Financials
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.	To be complied.	Being Complied	Financials
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.	To be complied.	Being Complied	Financials
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	Financials
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.	1st annual audited project financial statement reports for FY 2018 deferred for submission in Jun 2020	Being Complied	Financials
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 needed, make or cause to be made all necessary repairs and renewals thereof.	To be complied.	To be Complied	Financials

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
Grant 0579	Schedule 2	1	The Recipient acknowledges and agrees that the Recipient has no right of action, whether in contract, nor or under statute to the extent permitted by law, against GCF in respect of the ADB Green Climate Fund, the Project or any loss or damage arising out of ADB's acts or omissions, or the acts of omissions of its officers, employees, agents or consultants under, or in connection with, this Grant Agreement.	Agreed.	Being Complied	Other
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.	Agreed.	To be complied	Financials
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.	Being Complied	Others
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.	Agreed.	Being Complied	Financials
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	Others
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	Sector
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 reviewed by the GCF Secretariat.		Being Complied	Others
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	Financials
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.	1st annual audited project financial statement reports for FY 2018 deferred for submission in Jun 2020.	To be complied with	Financials
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. Separate accounts established. 1st annual audited project financial statements report for FY 2018 deferred for submission in Jun 2020.	Being Complied	Financials

Product	Schedule	Para No.	Description	Remarks/Issues	Compliance Status	Type
			these documents and the audit thereof as ADB shall from time to time reasonably request.			
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.	1st annual audited project financial statements report for 1 Oct 2018 to 31 Dec 2019 to be submitted in Jun 2020.	Being Complied	Financials
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.	Inception mission verified office equipment and goods delivered to EA/IAs	Being Complied	Financials
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.	Confirmed.	Being Complied	Financials

**Annex 9 : Details of CS1 Consultant Inputs during QPR 1/2020**

No:	Name	Position (As in Tech 6)	Nationality	Firm	Time Input in Person/Month-Home/Field (From Tech 6)	Input Utilization (MM)						Total Utilized input up to March-20	Balance Available MM
						Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20		
<b>1) INTERNATIONAL - KEY EXPERTS</b>						<b>2019</b>			<b>2020</b>				
K-1	Dr. Willem J Van Diest	Project Management & Rural Infrastructure Specialist/Team Leader	NL	AESA	18.00		0.93	0.94	0.94	0.66	0.13	3.60	14.40
K-2	Ms. Marivic Competente	Procurement Specialist	PHL	AESA	6.00			0.65				0.65	5.35
K-3	Mrs. Ingrid Gray	Social Safeguards Specialist	AUS	AESA	6.00				0.87	0.48		1.35	4.65
K-4	Mr. Monzurul Hoq	Social Safeguards Specialist	BGD	AESA	8.00							-	8.00
K-5	Mr. Felix Pascua	Environment and Climate Change Specialist	PHL	AESA	8.00							-	8.00
<b>Total - International Key Expert</b>					<b>46.00</b>	<b>-</b>	<b>0.93</b>	<b>1.59</b>	<b>0.94</b>			<b>5.60</b>	<b>40.40</b>
<b>2) INTERNATIONAL - NONE KEY EXPERTS</b>													
K-1	Mr. Praful Soni	PADC Operation and Management Specialist	PAK	AESA	4.00							0	4
K-2	Mr. Paterno Borlagdan	Mechanised Workshop Operation and Management Specialist	PHL	AESA	4.00							0	4
<b>Total - International None Key Expert</b>					<b>8.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>
<b>3) NATIONAL - KEY EXPERT</b>													
K-6	Mr. Phai Sokheng	Project Management & Rural Infrastructure Specialist/Deputy Team Leader (MAFF)	CAM	SBK	30.00		0.73			0.59	1.00	2.32	27.68
K-7	Mr. Srey Heang	Project Management & Rural Infrastructure Specialist/Deputy Team Leader (MOWRAM)	CAM	SBK	30.00	0.23	1.00	1.00	1.00	1.00	1.00	5.23	24.77
K-8	Mr. Koam Sothun	Project Management & Rural Infrastructure Specialist/Deputy Team Leader (MRD)	CAM	SBK	30.00							0.00	30.00
K-9	Mrs. Kol Prapey	Social Development and Gender Specialist	CAM	SBK	50.00		0.68	0.50	0.86	1.00	1.00	4.04	45.96
K-10	Mr. Oum Sith (Tara)	Social Safeguards Specialist	CAM	SBK	60.00	0.18	1.00	1.00	1.00	1.00	1.00	5.18	54.82
K-11	Mr. Mao Vanchann	Environment and Climate Change Specialist	CAM	SBK	50.00		0.82	0.95		0.18	1.00	2.95	47.05
<b>Total - National Key Expert</b>					<b>250.00</b>	<b>0.41</b>	<b>4.23</b>	<b>3.45</b>	<b>2.86</b>	<b>3.77</b>	<b>5.00</b>	<b>19.72</b>	<b>230.28</b>
<b>4) NATIONAL - NONE KEY EXPERT</b>													
K-3	Mr. Sam Bora	Procurement Specialist MAFF	CAM	SBK	18.00		0.27	1.00	1.00	1.00	0.45	3.72	14.28
K-4	Mr. Leng Bunnara	Procurement Specialist MOWRAM	CAM	SBK	18.00					0.45	0.41	0.86	17.14
K-5	Mr. Khon Sophen	Procurement Specialist MRD	CAM	SBK	18.00							0.00	18.00
K-6	Mr. CHHUON Mao	Financial Management Specialist PMU-MAFF	CAM	SBK	38.00		0.18	1.00	1.00	1.00	1.00	4.18	33.82
K-7	Mr. Koam Rattana	Financial Management Specialist MAFF	CAM	SBK	38.00		0.55	1.00	1.00	1.00	1.00	4.55	33.45
K-8	Mr. Hap Chanthea	Financial Management Specialist MOWRAM	CAM	SBK	38.00		0.82	1.00	0.77	1.00	1.00	4.59	33.41
K-9	Mr. Thoern Chantha	Financial Management Specialist MRD	CAM	SBK	38.00			1.00	1.00	1.00	1.00	4.00	34.00
K-10	Mr. Kheang Sovann	Water Managemen & Irrigation Engineer Kampong Cham	CAM	SBK	28.50							0.00	28.50
K-11	Mr. Heng Sokkong	Water Managemen & Irrigation Engineer Tboung Khmum	CAM	SBK	28.50							0.00	28.50
K-12	Mr. Leng Vandy	Water Managemen & Irrigation Engineer Kampot	CAM	SBK	28.50							0.00	28.50
K-13	Mr. Din Sovathara	Water Managemen & Irrigation Engineer Takeo	CAM	SBK	28.50							0.00	28.50
K-14	Mr. Chou Vong	Cooperative Storage & Rural Roads Engineer Kampong Cham	CAM	SBK	34.00		0.91	1.00	1.00	1.00	1.00	4.91	29.09
K-15	Mr. Vong Sophea	Cooperative Storage & Rural Roads Engineer Tboung Khmum	CAM	SBK	34.00							0.00	34.00
K-16	Mr. Bo Sarin	Cooperative Storage & Rural Roads Engineer Kampot	CAM	SBK	34.00							0.00	34.00
K-17	Khiev Sopha	Cooperative Storage & Rural Roads Engineer Takeo	CAM	SBK	34.00							0.00	34.00
<b>Total- Key Expert- National Expert</b>					<b>438.00</b>	<b>0.00</b>	<b>2.46</b>	<b>5.00</b>	<b>4.77</b>	<b>5.45</b>	<b>5.41</b>	<b>23.09</b>	<b>414.91</b>

## Annex 10 : Details of CS2 Consultant Inputs during QPR 1/2020

No:	Name	Position (As in Tech 6)	Nationality	Firm	Time Input in Person/Month-Home/Field (From Tech 6)	Input Utilization (Months)					Total Utilized input up to Apr-20	Balance Available
						Nov-19	Dec-19	Jan-20	Feb-20	Mar-20		
<b>KEY EXPERTS -INTERNATIONAL</b>												
1	Mr. Pollard Martin Blackeley	International Policy & Standards/ TL	British	eGen	7.00	0.95	0.65	0.95	0.27	0.30	3.12	3.88
2	Mr. Matt Zimmerman	International GAP, CSA and SRP Training Specialist	Austrian	eGen	9.00	0.34	0.54	0.95	0.63	0.45	2.91	6.09
3	Mr. Christopher Kellner	Biodigester Standards Specialist		eGen	3.00	0.45	0.77				1.22	1.78
4	Dr. Sreekanta Sheel	International Seed Commercialization and Intellectual Property Specialist	Bangladesh	eGen	5.00				0.95		0.95	4.05
<b>Total -Key Experts -International Experts</b>					<b>24.00</b>	<b>1.74</b>	<b>1.96</b>	<b>1.90</b>	<b>1.86</b>	<b>0.75</b>	<b>8.20</b>	<b>15.80</b>
<b>KEY EXPERT- NATIONAL</b>												
1	Mr. Hoeung Hun	National Policy and Standards Advisor/ Deputy Team Leader	Cambodia	CFAVC	36.00	0.00	0.00	0.00	0.81	1.00	1.81	34.19
2	Mr. Pon Han	National Training and Capacity Building Specialist	Cambodia	CFAVC	60.00	0.00	0.00	1.00	0.22	1.00	2.22	57.78
3	Mr. Heng Sophat	National Farmer Demonstration Specialist	Cambodia	CFAVC	60.00	0.00	0.00	0.00	1.00	1.00	2.00	58.00
4	Mrs. Aing Sophy	National Laboratory Coordinator	Cambodia	CFAVC	46.00	0	0	0	0	1	1	45
5	Mr. Dy Kunthea	National Public Private Partnership Specialist	Cambodia	CFAVC	30.00	1.00	1.00	1.00	1.00	1.00	5.00	25.00
6	Mr. Chin Koeun	National Policy and Standards Advisor/ Deputy Team Leader	Cambodia		36.00		1.00	1.00	0.90	0.00	2.90	33.10
<b>Total- Key Expert- National Expert</b>					<b>268.00</b>	<b>1.00</b>	<b>2.00</b>	<b>3.00</b>	<b>3.93</b>	<b>5.00</b>	<b>14.93</b>	<b>253.07</b>

**Annex 11 : Details of CS5 Consultant Inputs during QPR 1/2020**

No:	Name	Position (As in Tech 6)	Nationality	Firm	Time Input in Person/Month-Home/Field (From Tech 6)	Input Utilization (MM)					Total Utilized input up to Mar-20	Balance Available
						Nov-19	Dec-19	Jan-20	Feb-20	Mar-20		
<b>KEY EXPERTS -INTERNATIONAL</b>												
01	Mr.Dinesh Kumar Shrestha	Irrigation Design Engineer And Team (Deputy) Leader	Nepalese	RDC	20.00	0.41	0.55	0.82	1.00	1.00	3.78	16.22
02	Dr. Martin Mautner Markhof	Agriculture Economist	Austrian	RDC	5.00	0.80	0.09	0.68		0.23	1.80	3.20
<b>Total -Key Experts -International</b>					<b>25.00</b>	<b>1.21</b>	<b>0.64</b>	<b>1.50</b>	<b>1.00</b>	<b>1.23</b>	<b>5.58</b>	<b>19.42</b>
<b>NON-KEY EXPERTS -INTERNATIONAL</b>												
1	K D W Nandalal	Hydrologist	Sri Lankan	RDC	2.00							2.00
2	Tissa Ariyaratna	Social Safeguards Specialist	Sri Lankan	RDC	2.00							2.00
3	Anusha Priyanthi Kasige	Environmental Safeguards Specialist	Sri Lankan	RDC	2.00							2.00
<b>Total -Non-Key Experts -International</b>					<b>6.00</b>							<b>6.00</b>
<b>KEY EXPERT- NATIONAL</b>												
1	Mr. KHIN Toda	IE/DTL	Cambodia	CAM-CSTR	20.00	1.00	1.00	1.00	1.00	0.86	4.86	15.14
2	Mr. KLEY Kimsot	Agriculture Economic	Cambodia	CAM-CSTR	6.00	1.00					1.00	5.00
3	Ms. SAO Sambathmorakath	Enviril Safeguards Spec	Cambodia	CAM-CSTR	10.00	0.55	0.55	0.18	0.14	0.23	1.65	8.35
4	Mr. VIN Sa/ Mr.Sam Sothearo	Road Design Engineer	Cambodia	CAM-CSTR	20.00		0.73	1.00	1.00	1.00	3.73	16.27
5	Mr. Oum Sith/ Mr. Phouv Narin	Resettlement Specialist	Cambodia	CAM-CSTR	6.00		0.73	1.00	1.00	0.45	3.18	2.82
<b>Total -Key Experts -National</b>					<b>62.00</b>	<b>2.55</b>	<b>3.01</b>	<b>3.18</b>	<b>3.14</b>	<b>2.54</b>	<b>14.42</b>	<b>47.58</b>
<b>NON-KEY EXPERT- NATIONAL</b>												
1	Mr. Chhit Kimhor	Hydrologist	Cambodia	CAM-CSTR	4.00	0.36	1.00	0.64		0.23	2.23	1.77
2	Mr. HY Sopheap	Agriculturalist	Cambodia	CAM-CSTR	6.00		1.00	0.45			1.45	4.55
3	Mr. Chhoun Sovannara	AutoCAD Specialist - 1	Cambodia	CAM-CSTR	10.50	1.00	1.00	1.00	1.00	1.00	5.00	5.50
4	Mr. MAO Phearun	AutoCAD Specialist - 2	Cambodia	CAM-CSTR	10.50	1.00	1.00	1.00	1.00	1.00	5.00	5.50
5	Ms. DIN Chakriya	AutoCAD Specialist - 3	Cambodia	CAM-CSTR	10.50							10.50
6	Mr. KHEIV Sengsoksamngang	AutoCAD Specialist - 4	Cambodia	CAM-CSTR	10.50							10.50
7	Ms. HEP Sreyleak	Social Develop & Gender	Cambodia	CAM-CSTR	4.00							4.00
8	Mr. Roenu Sophanna	Procurement Specialist	Cambodia	CAM-CSTR	4.00							4.00
<b>Total -Non-Key Expert- National</b>					<b>60.00</b>	<b>2.36</b>	<b>4.00</b>	<b>3.09</b>	<b>2.00</b>	<b>2.23</b>	<b>13.68</b>	<b>46.32</b>