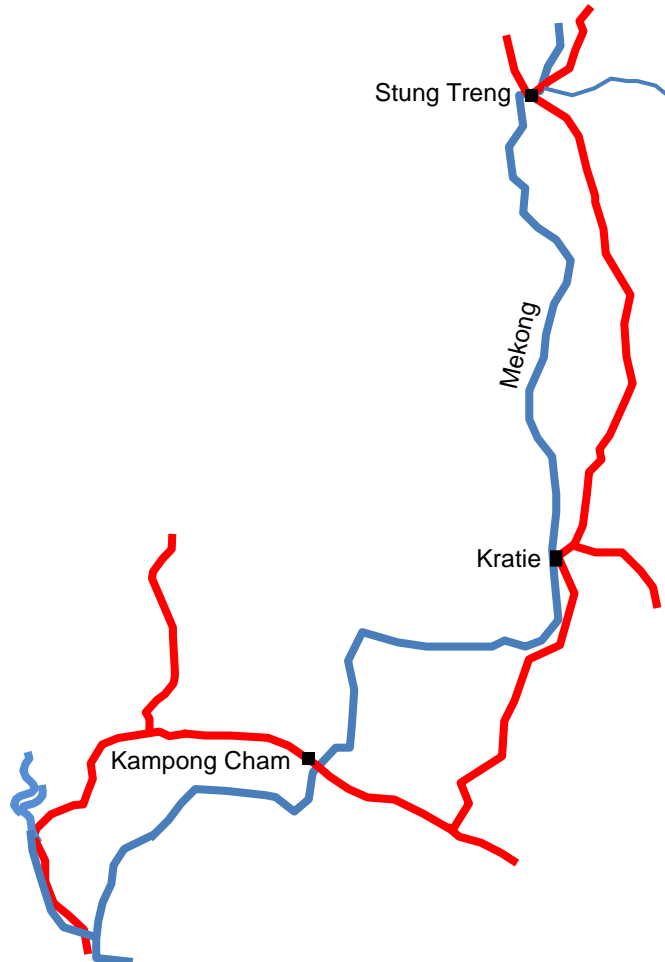




Ministry of Public Works and Transport  
The Kingdom of Cambodia

**Fourth Greater Mekong Subregion  
Corridor Towns Development Project**  
ADB L3686/G0592/G0593 CAM



**Quarterly Report**  
Quarter 2, 2022  
April to June



## Document Control Sheet

<b>I</b>				
<b>Type of Document</b>		Quarterly report		
<b>Description</b>		CTDP4 Q2-2022		
<b>Version</b>	<b>Prepared by</b>	<b>Date</b>	<b>Checked by</b>	<b>Date</b>
v0	René van Doorn	22/07/2022	Pau Pat Busquets	22/07/2022

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## Abbreviations

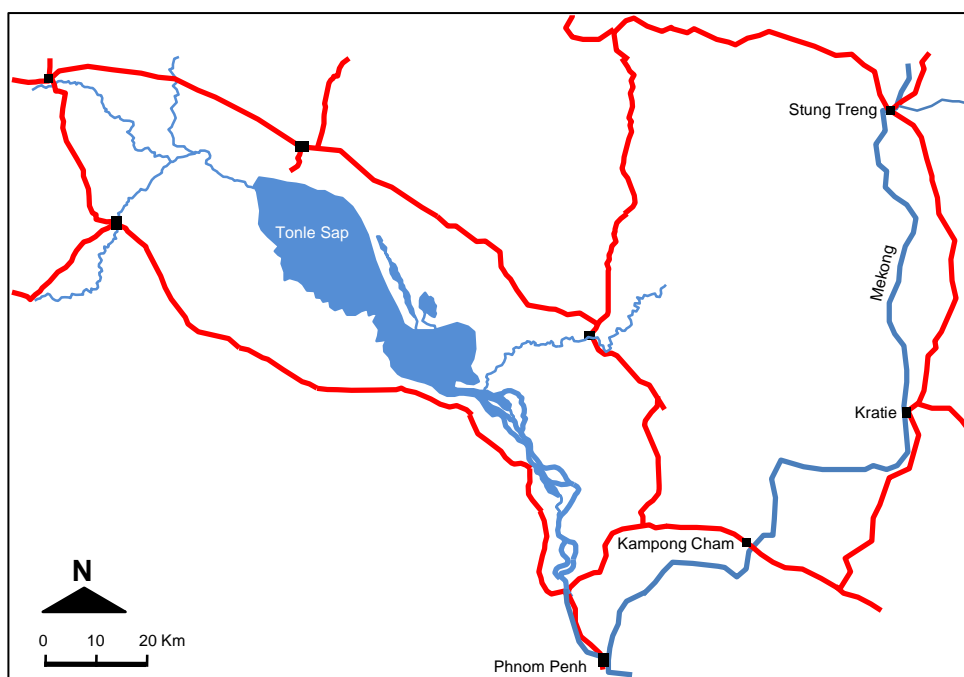
ADB	Asian Development Bank
CBO	Community-Based Organization
COI	Corridor-of-Impact
CPP	Community Procurement Procedures
CPS	Country Partnership Strategy
CSO	Civil Society Organizations
DC	Development Committee
DDR	Due Diligence Report
DRP	Detailed Resettlement Plan
DRM	Disaster Risk Management
EA	Executing Agency
EMP	Environmental Management Plan
FGD	Focus Group Discussion
GAP	Gender Action Plan
GDR	General Department of Resettlement (MEF)
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
IA	Implementing Agency
IEE	Initial Environmental Examination
IP(s)	Indigenous People(s)
IR	involuntary resettlement (IR)
MEF	Ministry of Economics and Finance
MOE	Ministry of Environment
NCB	National Competitive Bidding
NGO	Non-Government Organisation
PIB	Public Information Booklet / Brochure
PIU	Project Implementation Unit
PMC	Project Management Consultant Team
PMU	Project Management Unit
ROW	Right of Way
SWM	Solid Waste Management
TA	Technical Assistance
TNA	Training Needs Assessment
TOR	Terms of Reference
USD	United States Dollar

# 1 Introduction and Basic Data

## 1.1 Introduction

- 1 The Government of The Royal Government of Cambodia has obtained a loan and grant from the Asian Development Bank (ADB) towards the cost of the Fourth Greater Mekong Subregion (GMS) Corridor Towns Development Project (hereinafter referred to as CTDP4). The location of the project towns is shown in Figure 1.1.
- 2 This is the Quarterly Report for Quarter 2, 2022 (April 1 to June 30).

**Figure 1.1 Location of Project Towns**



## 1.2 Basic Data

- 3 The key data for the project is shown in Table 1.1 below.

**Table 1.1 Basic Data – CTDP4**

<b>ADB Project number:</b>	Loan 3686, Grants G0592 & G0593
<b>Project Title:</b>	Fourth Greater Mekong Subregion Corridor Towns Development Project
<b>Beneficiary:</b>	Kingdom of Cambodia
<b>Executing Agency:</b>	Ministry of Public Works and Transport
<b>Implementing Agency:</b>	Provincial Governments of Kampong Cham, Kratie, Stung Treng
<b>Date of Effectiveness:</b>	14 December 2018
<b>Closing Date:</b>	30 June 2024
<b>Date of Last ADB Mission:</b>	13 – 17 June 2022

## 1.3 Cost Estimates and Financing Plan

### 1.3.1 CTDP4 Cost Estimates and Financing Plan

- 4 The total cost of the project is estimated at US\$88.5m including contingencies. The breakdown of cost estimates is given in Table 1.2.

**Table 1.2 CTDP4 Summary Cost Estimates by Output (\$ million)**

Item	Amount
<b>A. Base Cost</b>	
1. Urban environmental infrastructure improved	66.87
2. Institutional effectiveness improved, and policy and planning environment for regional economic connectivity enhanced	9.67
<b>Sub-Total (A)</b>	<b>76.54</b>
<b>B. Contingencies</b>	<b>9.70</b>
<b>C. Financial Charges During Implementation</b>	<b>2.26</b>
<b>Total (A+B+C)</b>	<b>88.50</b>

Source: Asian Development Bank estimates.

5 The summary of the financing plan for CTDP4 is shown in Table 1.3.

**Table 1.3 CTDP4 Financing Plan**

Source	Amount (\$ million)	Share of Total (%)
Asian Development Bank		
Ordinary capital resources (concessional loan)	77.00	87.0
Special Funds resources (ADF grants)*	3.00	3.4
Korea EAKPF	0.50	0.6
Government	8.00	9.0
<b>Total</b>	<b>88.5</b>	<b>100.0</b>

\* Including \$1.5m from Disaster Risk Reduction Fund (DRRF)

Source: Asian Development Bank estimates.

## 2 Utilization of Funds

### 2.1 Contract Awards and Disbursements

6 A summary of the total cumulative contract awards and disbursements is shown in Table 2.1. As of 30<sup>th</sup> of June 2022, the contract awards amount to a total of **US\$17,178,779** and to date disbursements total **US\$5,483,748**.

**Table 2.1 Summary Contract Awards and Disbursements (US\$)**

Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance
	A	B	C = A-B	D	E = A-D	F = B-D
Loan 3686	78,500,000	15,423,423	63,076,577	4,373,017	74,126,983	11,050,407
Grant 0592	1,500,000	996,838	503,162	674,526	825,474	322,312
Grant 0593	500,000	496,838	3,162	174,526	325,474	322,312
Government	8,700,000	261,680	8,438,320	261,680	8,438,320	-
<b>Total</b>	<b>89,200,000</b>	<b>17,178,779</b>	<b>72,021,221</b>	<b>5,483,748</b>	<b>83,716,252</b>	<b>11,695,031</b>

**Table 2.2 Consolidated Awards and Disbursements, Loan 3686 and Grants 0592 and 059**

Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance	Contracts Awarded %	Contracts Disbursed %
	A	B	C = A-B	D	E = A-D	F = B-D	B/A	D/A
Civil works	59,115,000	-	59,115,000	-	59,115,000	-	0	0
Goods & equipment	1,350,000	116,000	1,234,000	116,000	1,234,000	-	9	9
Consulting services	7,097,000	7,717,119	(620,119)	2,936,508	4,160,492	4,780,611	109	41
Incr. Adm. Cost	981,000	192,000	789,000	75,838	905,162	116,162	20	8
Interest charge	2,256,000	-	2,256,000	35,399	2,220,601	(35,399)	0	2
Unallocated	9,701,000	-	9,701,000	-	9,701,000	-	0	0
Advance Account			-	650,000	(650,000)	(650,000)		
<b>Total</b>	<b>80,500,000</b>	<b>8,025,119</b>	<b>72,474,881</b>	<b>3,813,745</b>	<b>76,686,255</b>	<b>4,211,374</b>	<b>10</b>	<b>5</b>

**Table 2.3 Awards and Disbursements Status, Loan 3686**

Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance
	A	B	C = A-B	D	E = A-D	F = B-D
Civil works	58,615,000	8,891,980	49,723,020	1,333,797	57,281,203	7,558,183
Goods & equipment	1,350,000	116,000	1,234,000	116,000	1,234,000	-
Consulting services	5,597,000	6,223,443	(626,443)	2,361,983	3,235,017	3,861,461
Incr. Adm. Cost	981,000	192,000	789,000	75,838	905,162	116,162
Interest charge	2,256,000	-	2,256,000	35,399	2,220,601	-
Unallocated	9,701,000	-	9,701,000	-	9,701,000	-
Advance Account	-	-	-	450,000	(450,000)	-
<b>Total</b>	<b>78,500,000</b>	<b>15,423,423</b>	<b>63,076,577</b>	<b>4,373,017</b>	<b>74,126,983</b>	<b>11,535,806</b>

**Table 2.4 Awards and Disbursements Status, Grant 0592**

Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance
	A	B	C = A-B	D	E = A-D	F = B-D
Works	500,000	-	500,000	-	500,000	-
Cons SVcs Proj Mgt	500,000	500,000	-	500,000	-	-
Cons SVcs ITC	500,000	496,838	3,162	74,526	425,474	422,312
Advance Account				100,000	(100,000)	(100,000)
<b>Total</b>	<b>1,500,000</b>	<b>996,838</b>	<b>503,162</b>	<b>674,526</b>	<b>825,474</b>	<b>322,312</b>

**Table 2.5 Awards and Disbursements Status, Grant 0593**

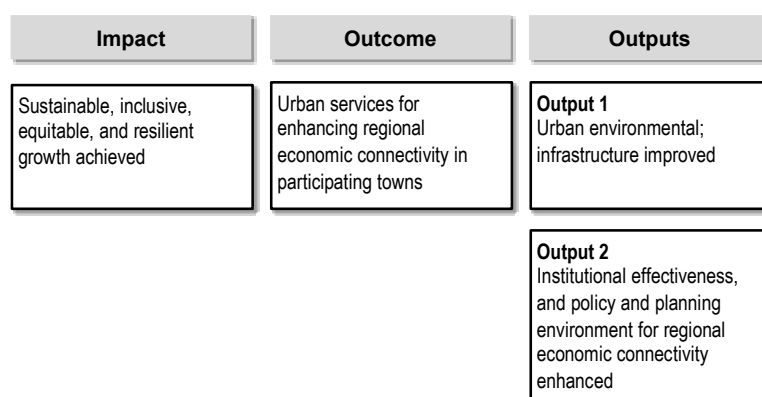
Fund	Allocation	Contracts Awarded	Uncontracted Loan/Grant Balance	Contracts Disbursed	Undisbursed Loan/Grant Balance	Undisbursed Contract Balance
	A	B	C = A-B	D	E = A-D	F = B-D
Cons SVcs ITC	500,000	496,838	3,162	74,526	425,474	422,312
Advance Account	-	-	-	100,000	(100,000)	(100,000)
<b>Total</b>	<b>500,000</b>	<b>496,838</b>	<b>3,162</b>	<b>174,526</b>	<b>325,474</b>	<b>322,312</b>

### 3 Project Scope and Purpose

#### 3.1 Project Impact, Outcome and Outputs

- 7 The CTDP4 will improve urban services and enhance regional economic connectivity in provincial capital towns of Kampong Cham, Kratie, and Stung Treng along the Greater Mekong Subregion (GMS) Central Corridor in Cambodia. The project will finance key urban environmental infrastructure and enhance institutional effectiveness with a focus on private sector engagement and information and communication technology (ICT)-based public management systems, and the policy and planning environment for regional economic connectivity. The project will also improve institutional effectiveness to provide sustainable services and support an improved policy and planning environment for wastewater and solid waste management.
- 8 The Design and Monitoring Framework (DMF) is included in Annex A. The key elements of the DMF are summarised in Figure 3.1 below.

**Figure 3.1 CTDP4 Impact, Outcome and Outputs**



- 9 Currently no major changes to the Project scope or arrangements are envisaged and the Project should meet its original purpose.

#### 3.2 Sub-Projects

- 10 The sub-projects are summarised in Table 3.1. This shows the scope as proposed in the RRP, which were based on the PPTA reports, as well as the latest estimates by PMC. The review and verification of the scope of some of the sub-projects is still ongoing at the time of this Quarterly Report.

**Table 3.1 Proposed Civil Works Sub-Projects**

Town	Sub-Projects	Scope of Sub-Projects	Latest PMC Estimates
Kampong Cham	Wastewater	▪ 5,000 m <sup>3</sup> /day WWTP, 137km sewers, 4.3km drains	▪ 5,000m <sup>3</sup> /day, 120km sewers, 4.2km drains
	Solid waste management	▪ 900,000m <sup>3</sup> landfill <sup>1</sup>	▪ Third site location approved, design preparations in progress.
Kratie	Wastewater	▪ 4,900 m <sup>3</sup> /day WWTP, 143km sewers, 12km drains	▪ 2,400m <sup>3</sup> /day, 41.1km sewers, drainage /stormwater under review
	Solid waste management	▪ 300,000m <sup>3</sup> landfill <sup>2</sup>	▪ 2030: cell 1: 125,000m <sup>3</sup> ▪ 2040: cell 2: 175,000m <sup>3</sup>
	Town centre improvements	▪ Footways, streetlights etc. – scope to be determined	▪ Under review
Stung Treng	Wastewater	▪ 3,650 m <sup>3</sup> /day WWTP, 147km sewers, 12km drains	▪ 2,900m <sup>3</sup> /day, 75.1km sewers, drainage included.

<sup>1</sup> Note: The PPTA figure of 900,000m<sup>3</sup> for Kampong Cham landfill is not justified and is incorrect: this will be clarified and updated in the final DED report. Similar Kratie and Stung Treng PPTA Landfill volumes were not justified and are updated in the table.

<sup>2</sup> Note: Volume Landfill Kratie according to Final DED

Solid waste management	▪ 274,000m <sup>3</sup> landfill <sup>3</sup>	▪ 2035: cell 1: 137,000m <sup>3</sup> ▪ 2045: cell 2: 137,000m <sup>3</sup>
Town centre improvements	▪ Footways, streetlights etc. – scope to be determined	▪ Under review

### 3.3 Safeguards

#### 3.3.1 Resettlement

- 11 The position regarding resettlement data/ documentation and the next steps are shown in Table 3.2. The overall status of resettlement safeguards is summarised in Table 3.3 on the next page.
- 12 In the reporting period, Kratie and Stung Treng SWM subproject detailed resettlement plan (DRP) implementation and construction started. Compensation payments for waste pickers is on-going, but does not impede construction as the existing dumpsite where waste pickers work is at different location from SWMs
- 13 The General Department of Resettlement (GDR) is preparing DRPs for (i) Kampong Cham WWTP subproject and (ii) Stung Treng WWTP subproject. These are to be prioritized as contract award is pending on cleared DRPs. PMC has been on stand-by to assist in the preparation of the DRP documents if needed by GDR.
- 14 Preparation for Kampong Cham SWM DRP is anticipated to begin in the next reporting period, whereas Kratie WWTP subproject DRP is pending on possible scope and design changes due to budget constraints.
- 15 No due diligence reports (DDRs) are expected at this stage, as all subprojects so far are IR category B. Also, no VOs have been prepared for the on-going subprojects. There has been limited progress in town centre improvement design for Stung Treng, and DDR is expected to be prepared for STR by end of 2022. Details of resettlement and social safeguards implementation progress is given in PMU semi-annual social safeguards construction monitoring reports. The position regarding resettlement data/ documentation and the next steps are shown in Table 3.2. The overall status of resettlement safeguards is summarised in Table 3.3 on the next page.

**Table 3.2 Resettlement Documentation and Next Steps**

Town	Sub-Projects	Pending data / documentation	Next steps in following quarter	Timeframe
Kampong Cham	Wastewater	<ul style="list-style-type: none"> <li>Final DRP from GDR</li> </ul>	<ul style="list-style-type: none"> <li>Complete DRP (GDR)*</li> <li>Complete compensation payment and issue site clearance*</li> <li>Consultation with market vendors</li> </ul>	<ul style="list-style-type: none"> <li>15/07/22*</li> <li>31/10/22*</li> <li>30/11/22</li> </ul>
	Solid waste management	<ul style="list-style-type: none"> <li>Final DED to initiate DRP preparation by GDR</li> <li>Draft DRP from GDR</li> </ul>	<ul style="list-style-type: none"> <li>Joint field mission with PMU, GDR, PIU and PMC to assess IR impacts prior to preparation of DRP</li> <li>Prepare draft DRP (GDR)*</li> </ul>	<ul style="list-style-type: none"> <li>30/08/22</li> <li>31/10/22*</li> </ul>
Kratie	Wastewater & Drainage	<ul style="list-style-type: none"> <li>Updated scope and DED with drainage prioritized</li> </ul>	<ul style="list-style-type: none"> <li>Prepare IR impact screening report for new scope</li> </ul>	<ul style="list-style-type: none"> <li>31/10/22</li> </ul>
	Solid waste management	<ul style="list-style-type: none"> <li>None</li> </ul>	<ul style="list-style-type: none"> <li>Contractor social safeguards training</li> </ul>	<ul style="list-style-type: none"> <li>31/07/22</li> </ul>

<sup>3</sup> Note: Volume Landfill Stung Treng according to Final DED

	Town centre improvements	<ul style="list-style-type: none"> <li>• Outline design from town planners</li> </ul>	<ul style="list-style-type: none"> <li>• Review design and mitigate impact</li> <li>• Prepare IR impact screening report and DDR</li> </ul>	<ul style="list-style-type: none"> <li>• 31/12/22</li> </ul>
Stung Treng	Wastewater	<ul style="list-style-type: none"> <li>• Final DRP from GDR</li> </ul>	<ul style="list-style-type: none"> <li>• Complete DRP (GDR)*</li> <li>• Complete compensation payment and issue site clearance*</li> <li>• Consultation with market vendors</li> </ul>	<ul style="list-style-type: none"> <li>• 30/07/22*</li> <li>• 31/10/22*</li> <li>• 30/11/22</li> </ul>
	Solid waste management	<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• Complete compensation payments</li> <li>• Contractor social safeguards training</li> </ul>	<ul style="list-style-type: none"> <li>• 31/07/22*</li> <li>• 31/07/22</li> </ul>
	Town centre improvements	<ul style="list-style-type: none"> <li>• Outline design from town planners</li> </ul>	<ul style="list-style-type: none"> <li>• Review design and mitigate impact</li> <li>• Prepare IR impact screening report and DDR</li> </ul>	<ul style="list-style-type: none"> <li>• 30/09/22</li> </ul>

\* Timing of deliverables depending on GDR

### 3.3.2 Environment

- 16 The overall status of environmental safeguards is summarised in Tables 3.4 and 3.5 on the next pages.
- 17 The IEE and EMP for Kratie Wastewater and Drainage subproject have been drafted and submitted to the PMU for their review. At the moment this is awaiting decisions on the scope of the drainage component in the subproject.
- 18 **Kampong Cham Solid Waste Management subproject:** The originally proposed landfill site was not approved by MoE, and after reviewing alternative sites, a new site was proposed to MoE and approved by the ministry on 11 October 2021. The final draft domestic IESIA has been prepared and submitted to MOE. The IESIA is expected to be approved by September 2022. The draft IEE and EMP have been prepared and reviewed by ADB. They are currently being revised.

**Table 3.3 Status of Resettlement Safeguards**

CTDP4	Subproject / IR category	Site selection	Land ownership	Cadastre data	Demarcation	Consultations / PIB	Pre-screening report	Land acquired (ha)	DED submitted to GDR	Consultation	DMS/SES & RCS	DRP / DDR	Comments
Kampong Cham	Landfill / B	Yes	State	Yes			May.22	TBD	Draft DED submitted final expected Jul.2022	Aug.22	Sep-Oct.22	Draft DRP Dec.22	IR impact screening and demarcation of access road done. Joint field mission with GDR, PMU, PIU and PMC to be done.
	Wastewater / B	Yes	State	Not available	Yes	Updated PIB submitted Mar.21	Updated version submitted	n/a	Yes, including adjusted COI	Sep 21	Sep-Oct 21	Final DRP to be submitted Jul.22	DMS/SES and consultations completed. Final DRP to be submitted to ADB for clearance.
Kratie	Landfill / B	Yes	State	Yes	Yes	July 2021	Submitted	n/a	Yes, including adjusted COI for access road	Jul-Aug 21	Jul-Aug 21	<b>DRP approved Dec.21</b>	Construction on-going. Compensation payments completed. Contractor mobilized, and to be trained in social safeguards implementation.
	Wastewater / B	Yes	Private	Yes	WWTP site	21.12.2017	Draft	On-going for 10.5 ha (1 AH)	Draft drainage component DED expected in Oct.22	Nov.22	Nov-Dec.22	Draft DRP Feb.23	WWTP site prep works on-hold due to budget limitations for implementation.  Drainage component being designed
	Town center / C	<b>TBC</b>	State				Draft	n/a	On-hold, pending WWTP designs				As per design process, no IR impacts will be entertained in the design. IR impact screening of designs will be required
Stung Treng	Landfill / B	Yes	State	Yes	Yes	July 2021	Submitted	n/a	Yes, including adjusted COI for access road	Jun-Jul 21	Jun-Aug 21	<b>DRP approved Dec.21</b>	Construction on-going. Compensation payments expected in Jul.22. Contractor mobilized, and to be trained in social safeguards implementation.
	Wastewater / B	Yes	Private	Yes	Yes	20.12.2017 (updated during DMS)	Oct.21	Through DRP (3-5 AHs)	Yes, including adjusted COI	Dec.21	Dec.21-May.22	Draft DRP to be submitted Jul.22	Final COI submitted to GDR in Nov.21, DMS/SES completed in Dec.21. DRP preparation is on-going by GDR
	Town center / C	Yes	State				Draft	n/a	Design on-going	Sep.22	n/a	Draft DDR Sep.22	IR impact screening of designs will be done July/August, and DDR to follow if no impact as anticipated (construction within public land)

**Table 3.4 Status of IEIA Preparation**

<b>Documents</b>	<b>Submitted to MoE</b>	<b>Approved By MoE:</b>	<b>Comments</b>
IESIA CW06 – Kampong Cham: Wastewater and drainage	Final draft 12 Jan 2021	02 March 2021	
IESIA CW07 – Kratie: Wastewater and drainage	Final draft 19 Feb 2021	06 April 2021	
IESIA CW08 – Stung Treng: Wastewater and drainage	Final draft 25 February 2021	20 May 2021	
IESIA CW03 – Kampong Cham: Solid waste management	<ul style="list-style-type: none"> <li>- Final draft 25 April 2022 submitted to MoE for review</li> <li>- MoE received IESIA report on 09 May 2022</li> </ul>	Under review	<ul style="list-style-type: none"> <li>- The landfill site was approved by MoE on 11-Oct-2021</li> <li>- The MoE/EIA team visited the landfill site on 12 May 2022</li> <li>- Approval by MoE expected by September 2022</li> </ul>
IESIA CW04 – Kratie: Solid waste management	Final draft 11 March 2021	20 May 2021	
IESIA CW05 – Stung Treng: Solid waste management	Final draft 22 June 2021	30 June 2021	

Municipality	Sub-project	Preparing draft ToR and submit to MoE for review	Discussion meeting with MoE and revise the ToR	Approval from MoE for conducting field survey on Physical, Natural and Social Resources	Preparing draft IEIA report	Submit the draft IEIA to MPWT for comments	Revised the first draft IEIA and submit to MoE	MoE conducting field visit	Discussion meeting on the draft	Revised 1st draft base on comments from MoE	Submission 2nd draft for Inter-Ministry meeting	Inter-Ministry meeting on 2nd draft	Prepare final draft based on comments from Inter-Ministry meeting	Minutes preparation for approval report	Document preparation for issuing license
Kampong Cham	Wastewater	June 2020	June 2020	July 2020	June-Aug 2020	11 Aug 2020	14 Aug 2020	01 Sept 2020	15 Sept 2020	Sept 2020	23 Oct 2020	01 Dec 2020	12 Jan 2021	Feb 2021	02-Mar-2021
	Landfill	Nov 2021	Dec 2021	Jan 2022	Jan-Apr 2022	March 2022	25 April 2022	12 May 2022	16 June 2022						
Kratie	Wastewater	June 2020	July 2020	July 2020	July-Sept 2020	11 Sept 2020	15 Sept 2020	22 Sept 2020	06 Oct 2020	Oct 2020	13 Nov 2020	12 Jan 2021	19 Feb 2021	29 Mar 2021	06-Apr-2021
	Landfill	April 2020	June 2020	June 2020	July-Aug 2020	14 Aug 20	21 Aug 2020	02 Sept 2020	21 Sept 2020	Nov-Dec 2020	Feb 2021	23 Feb 2021	Mar 2021		20-May-2021
	Town Centre														
Stung Treng	Wastewater	June 2020	July 2020	July 2020	July-Sept 2020	23 Sept 2020	29 Sept 2020	8-9 Oct 2020	22 Oct 2020	Oct 2020	19 Nov 2020	11 Jan 2021	25 Feb 2021	April 2021	20-May-2021
	Landfill	April 2020	June 2020	June 2020	July-Aug 2020	14 Aug 2020	24 Aug 2020	03 Sept 20	21 Sept 20	is revising	Feb 2021	19 April 21	June 21	22 June 21	30-June-2021
	Town Centre														

**Table 3.5 Status of IEEs and EMPs**

	Subproject	Site agreed	Land ownership	MOE approval	IEE Update			EMP Update			Notes
					Draft	Submitted to PMU	Submitted to ADB	Draft	Submitted to PMU	Submitted to ADB	
Kampong Cham	Landfill	No	State	Yes 11-Oct-21		14-Jun-2022	15-Jun-2022		14-Jun-2022	15-Jun-2022	The new proposed site has been approved by MoE. on 11-Oct-2021 and preparation of IEE and EMP has started. Comments from ADB received on 23 June 2022. The IEE and EMP are being revised accordingly.
	WWTP	Yes	State	Yes	Jul-2020	04-Jun-2021	07-Jun-2021	Jul-2020	04-Jun-2021	07-Jun-2021	IEE/EMP available on <a href="https://www.adb.org/projects/50099-002/main#project-documents">https://www.adb.org/projects/50099-002/main#project-documents</a>
Kratie	Landfill	Yes	State	Yes 02-May-19	Mar-2021	13-Jul-2021	13-Jul-2021	Mar-2021	13-Jul-2021	13-Jul-2021	IEE/EMP including ECA of 2 dumpsites cleared by ADB on 14-Jul-2021 <a href="https://www.adb.org/projects/documents/cam-50099-002-iee-2">https://www.adb.org/projects/documents/cam-50099-002-iee-2</a> <a href="https://www.adb.org/projects/documents/cam-50099-002-emp-0">https://www.adb.org/projects/documents/cam-50099-002-emp-0</a> CEMP approved on 04 March 2022
	WWTP	Yes	Private	Yes	Dec-2021	24-Jan-2022		Dec-2021	24-Jan-2022		IEE/EMP: Draft submitted to the PMU. Awaiting decisions on the scope of the drainage component in the subproject.
	Town centre	TBC	State								
Stung Treng	Landfill	Yes	State	Yes 02-May-19	Dec-2020	16-Sep-2021	17-Sep-2021	Dec-2020	16-Sep-2021	17-Sep-2021	Final IEE/EMP and dumpsite ECA cleared by ADB on 17-Sep-2021 <a href="https://www.adb.org/projects/documents/cam-50099-002-iee-3">https://www.adb.org/projects/documents/cam-50099-002-iee-3</a> <a href="https://www.adb.org/projects/documents/cam-50099-002-emp-1">https://www.adb.org/projects/documents/cam-50099-002-emp-1</a> CEMP approved on 01 April 2022
	WWTP	Yes	Private	20-May-2021		05-Oct-2021	05-Oct-2021	05-Oct-2021	05-Oct-2021	05-Oct-2021	IEE/EMP cleared by ADB on 23-Oct-2021 <a href="https://www.adb.org/projects/documents/cam-50099-002-iee-4">https://www.adb.org/projects/documents/cam-50099-002-iee-4</a> <a href="https://www.adb.org/projects/documents/cam-50099-002-emp-2">https://www.adb.org/projects/documents/cam-50099-002-emp-2</a>
	Town centre	TBC	State								

### 3.4 Grievance Redress Mechanism (GRM)

- 19 The GRM is designed to receive, evaluate and facilitate the resolution of residents' concerns, complaints and grievances during project implementation. Grievance Redress Committees (GRC) were established in each of the three towns in 2019, but updated in November 2020 for Kratie and Stung Treng. GRC composition did not have any changes in the reporting period. All of the GRCs are fully operational.
- 20 The GRM process is included in the PIBs, have been circulated to the target communities and affected persons for all subprojects, except for KRT WWTP and KCH SWM subprojects. PIB distribution for KCH SWM is expected in the next reporting period. PIBs include GRC contact person names and contact details.
- 21 In the reporting period, no complaints have been reported, verbally or written, via GRM, or directly to PMU, PIU or PMC.

### 3.5 Gender Action Plan (GAP)

- 22 The CTDP4 Project is classified as Effective Gender Mainstreaming (EGM) and Gender Action Plan monitoring tables are shown in Annex F. Identified gender issues include insufficient solid waste collection services, limited sanitation and sewerage systems resulting in poor environmental sanitation, decrease in local business and income during flooding, limited participation in decision-making and representation in the water and sanitation sector of female staff; and limited opportunities to strengthen and expand job opportunities for women.
- 23 In June 2022, during the ADB mission a discussion was held on the overall progress against the GAP. Key points discussed are summarized below.
- Women's representation in the PMU and PIU – currently targets are not met. Set up of PMU/PIU to be reviewed and wherever possible to increase female representation where possible. Targets to be discussed at GAP orientation.
  - Pilot projects are maintained in scope. PMC to work with the NGO in assessing the development of a pilot project on flood resilience, gender equity in post-flood clean-up and town beautification. Pilots anticipated to cover awareness campaigning and waste management.
  - Provincial Spatial Plans to include a section on issues and gender responsive measures.
  - National gender specialist to be mobilized to establish baseline of the gender of potential trainees of ICT training and other trainings. A review of these targets at MTR would consider the baseline. If there is a strong basis the targets for women participation can be revised at the MTR. ADB will liaise with ICT consultants (CRISIL) on the ICT related indicators.
  - Conduct GAP orientation of the PMU and PIU in Q3. National gender specialist to be mobilized to conduct the orientation.

## 4 Implementation Progress

### 4.1 Project Organisation and Management

- 24 The contract for PMC (Contract No. PMU/MPWT/TS-2&CTP-4/CS01) was signed on 26 June 2019 between the Ministry of Public Works and Transport (MPWT) (The Client) and Ramboll Danmark A/S in Joint Venture with Oriental Consultant Global Co., Ltd. and SCE in association with Tancons (Cambodia) Co., Ltd (The Consultant - PMC).
- 25 The PMC was mobilized on 15 July 2019. The kick-off meeting took place at MPWT in Phnom Penh on 17th of July 2019 attended by key stakeholders.
- 26 The Ministry of Public Works and Transport (MPWT) is the Project's executing agency (EA) and will manage the implementation of the Project's outputs through a Project Management Unit (PMU) based in MPWT's main office in Phnom Penh.

- 27 Project Implementation Units (PIUs) have been established in each of the Project towns. These are embedded within the provincial Departments of Public Works and Transport (DPWT) for the different provinces.
- 28 As the available office space available in MPWT is insufficient to accommodate the large consultant team, the PMC have rented an office space on the corner of Street 51 and Street 228.

#### 4.1.1 Contract Variations

- 29 Contract Variation VO 7 has been submitted at the time of preparing this Report. The history and status of contract variations is shown in Table 4.1.

**Table 4.1 Contract Variations, Current and Previous Quarters**

Period	Variation No.	Key Dates:		No Objection from ADB	Main Items in Variation
		Submitted	Approved by MPWT		
Previous Quarters	1		22 Oct 2019	18 Oct 2019	Replacement International TL and National Deputy TL 1
	2		Feb 2020	March 2020	Change of scope – separate sewers, not combined and traditional procurement not D&B in CTDP4, removal of procurement tasks from PMC, change in scope of urban and provincial plan preparation
	3	29 June 2020	29 June 2020		Change in payment schedule for urban and provincial planning Agreement for PMU to pay sub-contractors for preparation of IEIAs
	4	11 September 2020	11 September 2020		Replacement of National Deputy Team Leader 2
	5	May 2021		29 June 2021	Reallocation to home input due to Covid19 restrictions, Additional time spent by PMC due to site changes, COI and scope changes, replacement of solid waste engineers (Intl. and Nat.) and Resettlement specialist (Nat).
	6	June 2021	30 June 2021	30 June 2021	Replacement of International TL
This Quarter 2:	7	June 2022	Submitted	In progress	Old dumpsites Remediation (TS2 nos.2 and CTDP4 nos. 2) Additional input and reallocation to home inputs experts Additional Supervision support; Serei Saophoan Landfill additional surveys Kratie Wastewater and Drainage additional surveys Master Plans LUMP and PSP translations. COI of Kampong Cham and Stung Treng landfills.

#### 4.2 Progress Monitoring

- 30 A Project Performance Monitoring System (PPMS) is being used to record the progress of the project. Summaries of progress by sub-project are shown in Annex C.
- 31 The current status of all project activities is summarised in Table 4.2

**Table 4.2 Status of Sub-projects and other Project Activities**

**CIVIL WORKS AND EQUIPMENT**

Contract No.	Town	Site Approval	Topo Survey	Geo Survey	Status	Action Required	Action By
<b>CTDP4</b>							
<b>CW06</b> Wastewater WWTP, sewers, drains	Kampong Cham	▪ MOE site approval not required	▪ Completed	▪ Completed	▪ Conditional NOL issued 18 January 2022.	<ul style="list-style-type: none"> <li>• Contract award pending approval of the DRP.</li> <li>• DRP to be finalized and submitted for approval</li> </ul>	<ul style="list-style-type: none"> <li>▪ GDR</li> <li>▪ PMU</li> </ul>
<b>CW07</b> Wastewater WWTP, sewers, drains	Kratie	▪ MOE site approval not required	▪ Completed	▪ Completed	<ul style="list-style-type: none"> <li>▪ Final DED submitted</li> <li>▪ COI prepared and submitted</li> </ul>	<ul style="list-style-type: none"> <li>▪ Project on-hold</li> <li>▪ Proposed Kratie Stormwater Drain Design and Construction</li> </ul>	<ul style="list-style-type: none"> <li>▪ ADB</li> <li>▪ PMU</li> </ul>
<b>CW08</b> Wastewater WWTP, sewers, drains	Stung Treng	▪ MOE site approval not required	▪ Completed	▪ Completed	▪ Conditional NOL issued March 2022	<ul style="list-style-type: none"> <li>▪ Contract award pending approval of the DRP.</li> <li>▪ DRP to be finalized and submitted for approval</li> </ul>	<ul style="list-style-type: none"> <li>▪ GDR</li> <li>▪ PMU</li> </ul>
<b>CW03</b> Landfill	Kampong Cham	▪ MOE approved new site	▪ Completed	▪ Completed	<ul style="list-style-type: none"> <li>▪ Draft DED submitted</li> <li>▪ Draft COI submitted</li> <li>▪ Comments received on draft DED</li> </ul>	<ul style="list-style-type: none"> <li>▪ Preparing Final DED</li> <li>▪ Preparing Final COI</li> </ul>	<ul style="list-style-type: none"> <li>▪ PMC</li> </ul>
<b>CW04</b> Landfill	Kratie	▪ MOE 2.5.19	▪ Completed	▪ Completed	<ul style="list-style-type: none"> <li>▪ Contract signed</li> <li>▪ Construction on-going</li> </ul>	<ul style="list-style-type: none"> <li>▪ Supervision and Monitoring</li> <li>▪ Training contractor</li> </ul>	<ul style="list-style-type: none"> <li>▪ PMC</li> <li>▪ Contractor</li> </ul>
<b>CW05</b> Landfill	Stung Treng	▪ MOE 2.5.19	▪ Completed	▪ Completed	<ul style="list-style-type: none"> <li>▪ Contract signed</li> <li>▪ Construction on-going</li> </ul>	<ul style="list-style-type: none"> <li>▪ Supervision and Monitoring</li> <li>▪ Training contractor</li> </ul>	<ul style="list-style-type: none"> <li>▪ PMC</li> <li>▪ Contractor</li> </ul>
<b>CW01</b> Town centre improvements	Kratie	▪ MOE approval not needed	▪ Within area surveyed already	▪ N/A	▪ Revised proposals received from PIU	▪ Subproject On-Hold awaiting final decision ADB	<ul style="list-style-type: none"> <li>▪ ADB</li> <li>▪ PMU</li> </ul>
<b>CW02</b> Town centre improvements	Stung Treng	▪ MOE approval not needed	▪ Within area surveyed already	▪ N/A	▪ First draft design submitted to PMU and PIU Stung Treng.	▪ Subproject On-Hold awaiting final decision ADB	<ul style="list-style-type: none"> <li>▪ ADB</li> <li>▪ PMU</li> </ul>
<b>G02</b> SWM equipment	Kampong Cham, Kratie Stung Treng	▪ N.a.	▪ N.a.	▪ N.a.	▪ Not started	▪ Preparation of Equipment report	<ul style="list-style-type: none"> <li>▪ PMC</li> </ul>

### 4.3 PROVINCIAL PLANS AND LAND USE MASTER PLANS

Output/Activity	Location/Coverage	Status	Next Steps	Action By
<b>CTDP4</b>				
Provincial spatial plan	Kampong Cham	▪ Draft PSP (Khmer language) submitted in June 2022	▪ Final PSP submission	▪ PMC
Provincial spatial plan	Kratie	▪ Second workshop held June 2022 ▪ Draft PSP (English) submitted June 2022	▪ Draft PSP (Khmer language) submission	▪ PMC
Provincial spatial plan	Stung Treng	▪ Second workshop held June 2022 ▪ Draft PSP (English) submitted June 2022	▪ Draft PSP (Khmer language) submission	▪ PMC
LUMP Review	Kampong Cham	▪ Review submitted	▪ Final Review	▪ PMC
LUMP Review	Kratie	▪ Review submitted	▪ Final Review	▪ PMC

### OTHER ACTIVITIES

Item	Status	Action Required	Action By
IEC	▪ Selection of NGO done. ▪ Contract signed June 2022.	▪ NGO started. Inception Report submission 1 August 2022.	▪ PMU and NGO
Capacity Building	▪ Training Plan/ Programme submitted. ▪ Training on Environmental and Social Safeguards started and ongoing (PIUs, Contractors and Site-Supervisors).	▪ Training Plan implementation.	▪ PMC

## 4.4 Implementation Activities

### 4.4.1 Consultant Team

32 The PMC team members mobilised during this quarter are shown in Table 4.3.

**Table 4.3 International and National Consultants Active during the Quarter**

<b>Position</b>	<b>Name</b>
<b><i>International</i></b>	
Team Leader	René van Doorn
Deputy Team Leader	Lars Orio
Social Safeguards and Resettlement Specialist	Teemu Jantunen
Urban Development Specialist	Howard Trett
Urban and Regional Planner	Hisako Kobayashi
Urban and Regional Economist	Manabu Fujikawa
Urban Planner	Tomoki Fukunaga
Solid Waste Expert	Steven Long
Senior Design Engineer	Dhanesh Prasad
Environmental Safeguards Expert	Peter Gammelgaard Jensen
Finance and Institutional Specialist	Alice Thauvin
<b><i>National</i></b>	
National Deputy Team Leader	Ho Ratha
National Deputy Team Leader	Ly Nara
Environmental Safeguard Specialist	Yim Chamnan
Social Safeguards & Resettlement Specialist CTDP4	Chan Narith
Solid Waste Engineer	Yin Somean
Urban Planner	Sim Bovisal
Land Use Management Specialist	David Chandavin
CAD Operator	Lon Saoveasna
Site Supervisor Kratie	Khin Channak
Site Engineer Stung Treng	Chhin Thannak
Site Supervisor Stung Treng	Tep Chanthy

### 4.4.2 General Activities

33 Activities during this quarter have included meetings with stakeholders, topographical and geotechnical surveys, initial and Detailed Design works and Preparing Bidding documents.

34 Further a first institutional set-up management arrangement for Solid Waste Management has been submitted and discussed with Provincial Governor, Municipality, MEF and PMU in TS2 subproject Battambang Town. No decision has been made till today.

### 4.4.3 Activities by Output

35 The key activities undertaken during this quarter are summarised in Table 4.4 below.

**Table 4.4 Key Implementation Activities by Output During the Reporting Period**

Outputs	Summary of Activities Undertaken
Output 1: Urban Environmental Infrastructure Improved	<i>Kampong Cham – Wastewater:</i>
	<ul style="list-style-type: none"> <li>Conditional NOL issued 18 Jan 2022. Awaiting proceedings of GDR.</li> </ul>
	<i>Kampong Cham – Solid Waste Management:</i>
	<ul style="list-style-type: none"> <li>Final DED and Final Tender documents will be submitted July 2022.</li> </ul>
	<i>Kratie – Wastewater and Drainage:</i>
	<ul style="list-style-type: none"> <li>Final DED design and Final Tender documents submitted March 2022, however subproject is on-hold related to budget constraints and is awaiting final decision of ADB for Bidding;</li> <li>Kratie Drain: Box culvert design will start as soon as VO7-PMC has been approved.</li> </ul>
	<i>Kratie – Solid Waste Management:</i>
	<ul style="list-style-type: none"> <li>Construction activities, site-supervision and monitoring started and ongoing.</li> </ul>
	<i>Kratie – Town Centre Improvements:</i>
	<ul style="list-style-type: none"> <li>On hold - Potential subproject will be reviewed.</li> </ul>
Output 2: Institutional effectiveness, and policy and planning environment Urban Environmental Infrastructure Improved	<i>Stung Treng – Wastewater and Drainage</i>
	<ul style="list-style-type: none"> <li>Conditional NOL issued March 2022. Awaiting proceedings of GDR.</li> </ul>
	<i>Stung Treng – Solid Waste Management:</i>
	<ul style="list-style-type: none"> <li>Construction activities, site-supervision and monitoring started and ongoing.</li> </ul>
	<i>Stung Treng – Town Centre Improvements:</i>
	<ul style="list-style-type: none"> <li>On hold -Potential subproject has been reviewed and draft design was in progress.</li> </ul>
	<i>Kampong Cham, Kratie, Stung Treng</i>
	<ul style="list-style-type: none"> <li>Final Kampong Cham Provincial Spatial Plan (PSP) (English and Khmer language) planned to submit in August/ September 2022</li> <li>Final PSPs for Kratie and Stung Treng provinces under preparation.</li> </ul>

#### 4.4.4 Meetings

36 The key meetings held during this quarter are listed in Annex B.

### 4.5 Project Costs

37 Estimates of sub-project costs are shown in Table 4.5. Two subprojects have been awarded till 30 June 2022: Kratie and Stung Treng Solid Waste Management subprojects. The signed contract values are included in the table below.

**Table 4.5 Current Estimates of Sub-project Costs**

Contract No.	Sub-Project	Estimate / Cost US\$m (incl. VAT) *	Source of Estimate	Procurement Plan (update 17 May 2021)	Difference
CW01	Kratie town enhancements	0.75	Procurement Plan	0.75	0.0
CW02	Stung Treng town enhancements	0.75	Procurement Plan	0.75	0.0
CW03	Kampong Cham landfill	6.61	Estimate based on DED Design	6.18	0.43

CW04	Kratie landfill	4.94	Signed Contract	5.57	- 0.63
CW05	Stung Treng landfill	4.83	Signed Contract	5.92	- 1.09
CW06	Kampong Cham wastewater	23.00	Bid completed; contract not yet awarded. Engineer's estimate	17.26	5.74
CW07	Kratie wastewater (Reduced Phase 1)	23.70	DED engineer's estimate	14.14	9.56
CW08	Stung Treng wastewater (Reduced Phase 1)	21.37	Bid completed; contract not yet awarded. Engineer's estimate	14.45	6.92
G02	Kampong Cham, Kratie, Stung Treng Landfill equipment	1.35	Procurement Plan	1.35	0.0
<b>Total for civil works and equipment</b>		<b>\$82.30</b>		<b>\$66.37</b>	<b>+\$20.93</b>

\* estimates and costs incl. 10% VAT

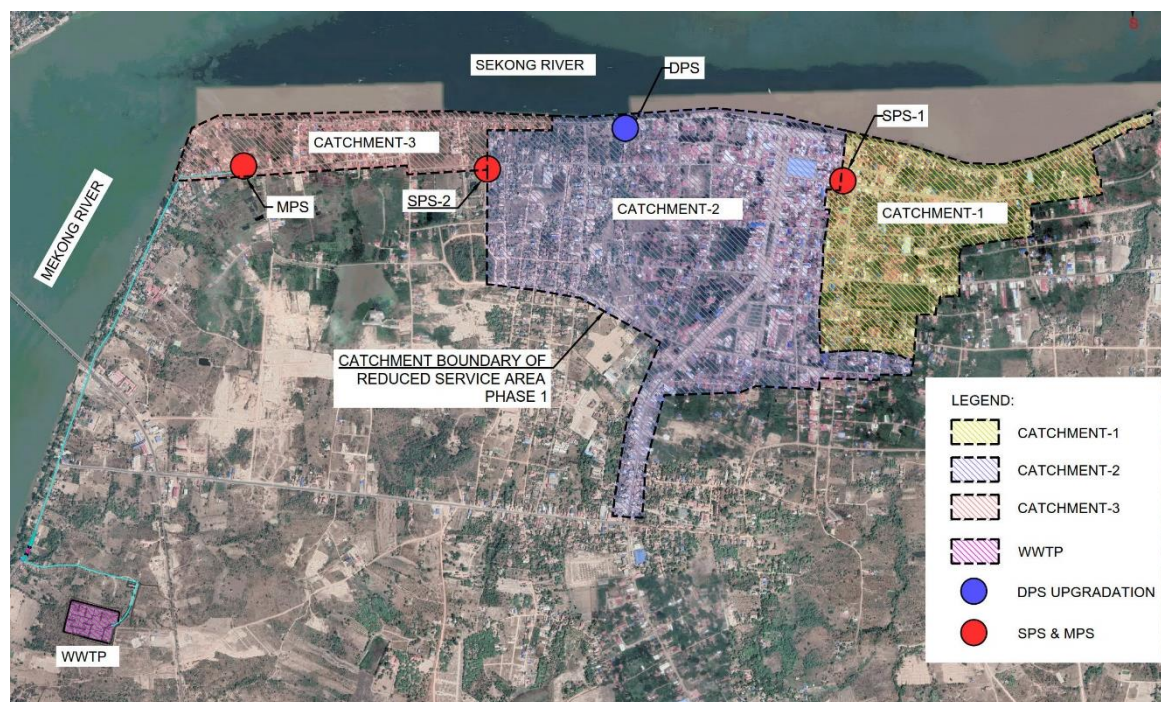
- 38 Table 4.5 shows that the current total two signed contract values and the estimate values for the other civil works and equipment is around US\$20.93m above the amount in the latest procurement plan (17 May 2021 revised budgets for the 3 CTDP4 wastewater subprojects).
- 39 It should be noted that the signed Contract values are without any Variation Order whilst under construction; therefore, it is expected the final value will be higher than the current contract values as presented in the table 4.5.
- 40 It is also noted that CW03d – Remediation of old dumpsites in Kratie and Stung Treng are not included in the table above.
- 41 Kampong Cham landfill: the Final DED and Tender documents will be submitted mid-July 2022.
- 42 Stung Treng sewerage layout is designed with a reduced area Phase 1 that covers the main central parts of the urban area. This reduced area phase 1 was necessary to adapt to the high investment of the total area as compared with the PPTA. It is expected this reduction will bring the cost estimate down to around US\$21.37m which still exceeds the allocated budget for Stung Treng WWTP works. Drainage works are included in the designs.
- 43 There is already some development to the south of the urban area, outside the proposed Phase 2 area. This is effectively a contiguous part of the town, and it would be sensible to service as part of an extended Phase 2 scheme as shown in the Figure below.

**Figure 4.1 Stung Treng Wastewater Management Phase 1 and 2 from PPTA**



- 44 The combined Phase 1 and 2 service area as proposed in the PPTA includes the majority of the main built-up area of the town. However, Phase 2 missed a section of the contiguous urban area to the south of the existing urban area. The proposed combined service area also covers some of the development areas shown in the draft Land Use Master Plan (LUMP).
- 45 Topographical analysis has shown that it would be impractical to service the eastern part of the Phase 2 area from the proposed WWTP. The phase 2 area has therefore been reduced to cover only the area which can lead to the WWTP by gravity. All further development outside that reduced Phase 2 area will be Phase 3, which should lead to a separate WWTP in the eastern part of town, and not lead to the proposed WWTP for Phase 1 and 2.
- 46 Based on broad initial cost estimates, the estimates for civil works in the PPTA appear to be very low and do not even cover fully for sewerage and WWTP in Phase 1. Following discussions with PMU and ADB it was agreed that PMC will design the full Phase 1 area, but the civil works contract will be tailored to fit the available budget and will be smaller than Phase 1.
- 47 The PPTA estimated a capital cost for the network and WWTP of around US\$13.01m and this was the figure carried forward to the Loan and Procurement Plan.
- 48 In Contract Variation Order No. 2, it was agreed to redistribute the budgets for the three WWTP schemes in CTD4 and the resulting budget for Stung Treng wastewater is US\$14.45m. The scheme to be constructed, which is expected to be only part of Phase 1 and the WWTP, will be aimed at this budget limit, see figure 4.2 below.

**Figure 4.2 Stung Treng Wastewater Management Development Phases**



- 49 Kratie sewerage layout will be designed with a reduced area Phase 1 that covers the main central parts of the urban area. This reduced area phase 1 was necessary to adapt to the high investment of the total area as compared with the PPTA. It is expected this reduction will bring the cost estimate down to around US\$23.7m which still exceeds the allocated budget for WWTP works. Drainage works (implementation of town centre drainage water return controllers) are included in the designs.
- 50 The combined Phase 1 and 2 service area proposed in the PPTA includes the majority of the main built-up area of the town. However, Phase 1 misses a section of the contiguous urban area along the Mekong bank to the south of the existing urban area. The proposed combined service area also covers the majority of the development areas shown in the draft Land Use Master Plan (LUMP). The exception to this is the development area to the southeast of the existing town, but this is a low-lying area, liable to flood and the plan is subject to review.
- 51 Based on broad initial cost estimates, the estimates for civil works in the PPTA appear to be low. Following discussions with PMU and ADB it was agreed that the PMC will design the full Phase 1 area, but the civil works contract will be tailored to fit the available budget and could be smaller than Phase 1 and probably at most include new sewerage network along main roads and services of only the most populated areas of Phase 1 at present time.
- 52 The PPTA estimated a capital cost for the drainage/sewerage network and WWTP of around US\$15.47m and this figure carried forward to the Loan and Procurement Plan.
- 53 In the approved Contract Variation Order No. 2, it was agreed to redistribute the budgets for the three WWTP schemes in CTDP4 and the resulting budget for Kratie wastewater is US\$14.14m. The scheme to be constructed, which is expected to be only part of Phase 1 and the WWTP, was to be aimed at this budget limit, see figure 4.3 below.

**Figure 0.1 Kratie Wastewater Management Phase 1**



## **4.6 Procurement**

### **4.6.1 Procurement Plan**

54 The Procurement Plan for CTDP4 is shown in Annex G.

### **4.6.2 Procurement of Civil Works and Equipment**

55 The status of procurement of civil works and equipment contracts is summarised in Table 4.6

**Table 0.6 Status of Civil Works and Equipment Contracts**

Package No.	Package Name	Procurement plan estimate Value (US\$m)	DED Cost estimate (mUSD)	Contract Signed (USD) incl. VAT	Method of Procurement	Type of Contract	Review	Submission of Proposed Bidding Documents to ADB	ADB Approval of Bid Docs	Invitation for Bid/ RFP Issued	Bid Opening / Receipt of Proposals	BER to ADB	ADB Approval of BER/ Issuance of NOL	Contract Signing
CW03	Kampong Cham Solid Waste Management	6.18	6.61		ICB	Works	Prior	(Final: July 2022)						
CW04	Kratie Solid Waste Management	5.57	6.28	4,943,948.91	ICB	Works	Prior	11-Jul-21	14-Jul-21	16-Jul-21	01-Sep-21	16-Sep-21	19-Oct-21	12-Jan-22
CW05	Stung Treng Solid Waste Management	5.92	6.24	4,838,207.07	ICB	Works	Prior	31-May-21	02-Jun-21	22-Sep-21	03-Nov-21	10-Dec-21	11-Jan-22	12-Jan-22
CW06	Kampong Cham Wastewater and Drainage	17.26	23.00		ICB	Works	Prior	02-Jun-21	20-Jul-21	22-Jul-21	09-Sep-21	27-Oct-21	(unknown)	
CW07	Kratie Wastewater and Drainage	14.14	23.70		ICB	Works	Prior	(Final: March 2022)						
CW08	Stung Treng Wastewater and Drainage	14.45	21.37		ICB	Works	Prior	02-Sep-21	03-Sep-21	13-Dec-21	27-Jan-22	(unknown)	(unknown)	
G02	SW Collection Vehicles and Landfill Equipment	1.35			NCB	Goods	Prior	(End 2022)						
CW01	Town Center Environmental Enhancement for Kratie	0.75			NCB	Works	Prior	(on-hold)						
CW02	Town Center Environmental Enhancement for Stung Treng	0.75			NCB	Works	Post	(on-hold)						
CS02	ICT for Public Management	1.00	1.00	993,676	QCBS	Consultant	Prior	Q3-2021						29-Dec-21

## 4.7 Provincial Planning and Municipality Planning

### 4.7.1 General Activities

- 56 Activities during the quarter include the formulation of development strategies and action plan for Provincial Spatial Plans (PSPs), the visioning seminar, and meetings with relevant departments and organizations.

### 4.7.2 Activities by Output

- 57 The key planning activities undertaken during this quarter are summarised in Table 4.7 below.

**Table 0.1 Key Implementation Activities by Output**

Outputs	Summary of Activities Undertaken
Output 1: Formulation of Provincial Spatial Plan	<i>Kampong Cham:</i>
	<ul style="list-style-type: none"> <li>▪ PSP: The draft Provincial Spatial Plan in Khmer language has been submitted.</li> <li>▪ LUMP: Land Use Master Plan Review Analyses has been submitted. Draft LUMP (Khmer) submission planned August 2022.</li> </ul>
	<i>Kratie:</i>
	<ul style="list-style-type: none"> <li>▪ PSP: Second Workshop was held in June 2022. Draft PSP (English) submission planned August 2022.</li> <li>▪ LUMP: Review Analyses has been submitted.</li> </ul>
	<i>Stung Treng:</i>
	<ul style="list-style-type: none"> <li>▪ PSP: Second Workshop was held in June 2022. Draft PSP (English) submission planned August 2022.</li> </ul>

## 5 Compliance with Covenants

- 58 The status of covenant compliance is shown in the tables in Annex H.

## 6 Project Implementation Issues.

### 6.1 Covid 19 and other Issues Affecting Project Implementation

- 59 The Covid-19 pandemic restrictions are being relieved, and at the moment it has minor impact on project operations and progress. However, ongoing issues following the Covid19 restrictions, like supply chain shortages, give contractors some difficulties because of longer delivery times and increasing prices for various materials and fuel.
- 60 The wet season has started in Cambodia and will have influence in the construction planning. It is not possible to execute ground/ soil works (esp. excavate sewer trenches, excavating treatment ponds, installing landfill bottom liners, etc.) during heavy rainfall. Delays due to heavy rain is expected the coming months.
- 61 At the moment 2 subprojects are under construction supervision and 4 subprojects in design phase, see next sub-paragraphs.

## **6.2 Technical Issues**

### **6.2.1 CW01 Kratie Town Centre Enhancements**

- 62 This contract package is intended for enhancements that would not involve land and property impacts and compensation.
- 63 During ADB mission in June 2022, ADB decided to put Town Centre Enhancement sub-project in Kratie on-hold till more details on the total available budget for CTDP4 project are identified.

### **6.2.2 CW02 Stung Treng Town Centre Enhancements**

- 64 The PIU submitted two schemes adjacent to the Sekong bridge involving small urban parks. These are accepted.
- 65 In May and June 2022, PMC started to prepare initial drawings for Stung Treng Town Centre Enhancement.
- 66 During ADB mission in June 2022, ADB decided to put Town Centre Enhancement sub-project in Stung Treng on-hold till more details on the total available budget for CTDP4 project are identified.

### **6.2.3 CW03 Kampong Cham Landfill**

- 67 On 30 May 2022, PMC has received the comments on the Draft DED report and draft Bid documents. PMC completed the response for the ADB comments and will update the Final DED Bid documents in July 2022.

### **6.2.4 CW06 Kampong Cham Wastewater.**

- 68 Evaluation of the bids has been conducted. BER has been submitted; conditional NOL issued 18 January 2022.
- 69 PMC joined for the final public consultation with GDR and PMU on 22<sup>nd</sup> June 2022.
- 70 The detailed resettlement plan (DRP) has not yet been finalized. Since the DRP is part of the contract, the Contract cannot be signed. Expected awarding of the contract Q2-2022.
- 71 Signing of the Contract is expected in August – 2022, subject to approval of DRP.

### **6.2.5 CW07 Kratie Wastewater**

- 72 The final DED of Kratie wastewater and drainage subproject was submitted March 2022.
- 73 The engineer's cost estimate for the sewerage scheme is \$23.7m, including construction of five stormwater-return-valves to improve runoff drainage rain and stormwater from the city centre to the lake.
- 74 Kratie Wastewater and Drainage were intensely discussed during the ADB mission in June 2022. As the budget to include this subproject will not be sufficient, it was decided to put Kratie Wastewater and Drainage subproject on-hold.
- 75 The Kratie "Drain" subproject will be separated and not included in the Wastewater subproject as it contains a very large drainage culvert box (about 3.00m x 3.00m) outside Kratie town centre. PMC completed topographic survey and details of all existing features, details incoming drains/ outfalls/ manholes on both side of road where the new drainage system is planned to be constructed.
- 76 PMC will start with the detailed engineering designs of Stormwater Box-culvert next month August 2022.

### **6.2.6 CW08 Stung Treng Wastewater.**

- 77 Bids have been received and Evaluation of the bids has been conducted. BER has been submitted.
- 78 PMC attended a meeting with Deputy Governor, GDR, PMU and other Department at City Hall and joined for public consultation with GDR and PMU on 23<sup>rd</sup> June 2022.
- 79 The detailed resettlement plan (DRP) has not yet been finalized. Since the DRP is part of the contract, the Contract cannot be signed. Expected awarding of the contract August 2022, subject to approval of DRP.

## **6.3 Contract Supervision Issues**

### **6.3.1 CW04 Kratie Landfill.**

- 80 ADB NOL was issued on 14<sup>th</sup> March 2022 and commencement date was contracted 21<sup>st</sup> March 2022.
- 81 Contractor started installing concrete for foundation fence type A and type B, work for filling soil and compacted for Internal access road around cell 1, and started filling soil at solar panel area.
- 82 Contractor started to remove unsuitable soil and replace suitable soil with compaction.
- 83 The Contractor is a little behind schedule – planned progress at the end of June 2022 is 19.05%, whereas actual progress is 15.29%.

### **6.3.2 CW05 Stung Treng Landfill**

- 84 Contract construction works started April 2022
- 85 Contractor completed construction for Campsite and started for earth work filling for internal road and pond area.
- 86 The Contractor has delivered two vehicles and electrical supply by EDC.
- 87 The contractor is a little behind of schedule – planned progress at the end of June 2022 is 6.95%, whereas actual progress is 5.61%.

## **6.4 Other Issues**

### **6.4.1 IESIAs**

- 88 The PMU directly recruited and contracted Cambodian consultants to undertake the preparation of the required IESIAs. In late 2019 agreement was reached between ADB and MOE that draft IESIAs could be based on outline designs where sites and asset performance parameters would not change during DED. If the PPTA is at a different site, or has a different performance specification, in such cases the IESIA could not be based on the PPTA feasibility study (ref. Relevant Aide Memoire - Nov 2019) and would be based on the consultant's DEDs.

## 7 Work Plan

89 The summary schedule is shown in Annex D.

90 The major activities planned for the next quarter are shown in Table 7.1 below.

**Table 7.1 Key Activities Planned for Next Quarter**

<b>Civil Works and Equipment</b>	<b>Activities</b>
Kampong Cham Wastewater	<ul style="list-style-type: none"> <li>▪ Signing Contract with Contractor for works</li> </ul>
Kratie Wastewater	<ul style="list-style-type: none"> <li>▪ Final DED finalized, Bid Documents to prepare</li> <li>▪ Subproject is on-hold.</li> </ul>
Stung Treng Wastewater	<ul style="list-style-type: none"> <li>▪ Signing Contract with Contractor for works</li> </ul>
Kampong Cham Landfill	<ul style="list-style-type: none"> <li>▪ Preparation of Final DED and final Bid documents</li> <li>▪ Tendering of the Works.</li> </ul>
Kratie Landfill	<ul style="list-style-type: none"> <li>▪ Ongoing Site supervision and Monitoring activities</li> </ul>
Stung Treng Landfill	<ul style="list-style-type: none"> <li>▪ Ongoing Site supervision and Monitoring activities</li> </ul>
Kratie Town Enhancements	<ul style="list-style-type: none"> <li>▪ Subproject on-hold.</li> </ul>
Stung Treng Town Enhancements	<ul style="list-style-type: none"> <li>▪ Draft Designs submitted, further designing on-hold.</li> <li>▪ Subproject on-hold.</li> </ul>
Kampong Cham, Kratie, Stung Treng SWM Equipment	<ul style="list-style-type: none"> <li>▪ Agreement with PIUs and PMU and preparation of equipment specs for bidding (2023)</li> </ul>
<b>Institutional Effectiveness</b>	
Semiautonomous Urban Service Units	<ul style="list-style-type: none"> <li>▪ Financial assessment</li> <li>▪ Development of organisational schemes</li> </ul>
Urban Development Strategies and Master Plans	<ul style="list-style-type: none"> <li>▪ Completion and submission of final PSP for Kampong Cham</li> <li>▪ Completion and submission of final PSP for Kratie</li> <li>▪ Completion and submission of final PSP for Stung Treng</li> <li>▪ Final LUMP Reviews</li> </ul>
Training Government Staff	<ul style="list-style-type: none"> <li>▪ Ongoing training of PIUs, Contractors and site supervisor on Environmental and Social Safeguards.</li> <li>▪ Delivery of specific Training in 2022/ 2023</li> </ul>

## Annex A: Design and Monitoring Framework

### CTDP4 Design and Monitoring Framework

Impact the Project is aligned with sustainable, inclusive, equitable, and resilient growth achieved (National Strategic Development Plan, 2014–2018) <sup>a</sup>			
Results Chain	Performance Indicators with Targets and Baselines	Data Sources and Reporting	Risks
<b>Outcome</b> Urban services for enhancing regional economic connectivity in participating towns improved	By 2026 a. 31% of the town population in Kampong Cham, Kratie, and Stung Treng (41,400 residents) serviced by new wastewater collection and treatment facilities (2017 baseline: 0 resident)  b. 90% of the town population in Kampong Cham, Kratie, and Stung Treng (120,400 residents) residents served by improved solid waste management (2017 baseline: 48,000 residents)  c. Incidence of flood and/or waterlogging reduced by 80% in the project service area (2017 baseline: six flood events per year in Kampong Cham, Kratie, and Stung Treng)	a–c. Annual reports by DPWTs and MPWT; project completion report	Lack of financial sustainability caused by limited cost recovery and/or low willingness of households to connect to sewerage network or pay for services.  Poor O&M of project infrastructure given limited local capacity.
<b>Outputs</b> 1. Urban environmental infrastructure improved	By 2024 1a. Three new lagoon-based wastewater treatment plants with 13,750 m <sup>3</sup> /day capacity constructed (2017 baseline: 0)  1b. At least 420 km combined trunk and wastewater collection pipeline constructed (2017 baseline: 0)  1c. At least 9,000 households and commercial buildings connected to the wastewater treatment system (including 1,500 households headed by women) (2017 baseline: 0)  1d. Three controlled landfills with capacity of 1,624,500 m <sup>3</sup> constructed and operational (2017 baseline: 0)  1e. At least 16,000 m <sup>2</sup> of pedestrian walk rehabilitated (2017 baseline: not available)  1f. 30% of staff employed in O&M are women (baseline 2017: 0)	1a–1f. Project progress reports	Construction delays caused by late approval and implementation of land acquisition and/or resettlement.
2. Institutional effectiveness, and policy and planning environment for regional economic connectivity enhanced	2a. Two ICT-based public management systems for improved work productivity and transparency in three provincial governments deployed (2017 baseline: not available)	2a–2c. Project progress reports	

	<p>2b. Provincial five-year development plans with regional cooperation and development strategy approved in Kampong Cham, Kratie, and Stung Treng (2017 baseline: not available)</p> <p>2c. At least 120 government staff (at least 50% women) in the provincial governments increased ICT skills to operate the ICT-based public services (2017 baseline: 0)</p>		
<p><b>Key Activities with Milestones</b></p> <p><b>1. Urban environmental infrastructure improved</b></p> <p>1.1. Complete the bidding documents for solid waste management component by Q1 2019</p> <p>1.2. Complete the bidding document for solid waste management goods component by Q1 2020</p> <p>1.3. Complete the bidding documents for wastewater treatment component by Q3 2019</p> <p>1.4. Complete the bidding document for the town center enhancement component by Q3 2019</p> <p>1.5. Complete the engagement of solid waste management contractor(s) by Q4 2020</p> <p>1.6. Complete the engagement of wastewater treatment contractor(s) by Q1 2020</p> <p>1.7. Complete the engagement of the town center enhancement contractor(s) by Q1 2020</p> <p>1.8. Complete the land acquisition and resettlement activities in Kratie by Q1 2020</p> <p>1.9. Complete the land acquisition and resettlement activities in Stung Treng by Q1 2020</p> <p>1.10. Complete construction by Q4 2023</p> <p>2. Institutional effectiveness, and policy and planning environment for regional economic connectivity enhanced</p> <p>2.1. Complete procurement of the ICT consulting service by Q3 2019</p> <p>2.2. Ensure the completion of the ICT consulting service by Q4 2023</p> <p>Project Management Activities</p> <p>Complete the procurement of the project management consulting service by Q1 2019</p> <p>Ensure the completion of the project management consulting service by Q2 2024</p> <p>Complete environmental management plan key activities, resettlement plan key activities, gender action plan key activities, and communication strategy key activities by Q2 2024</p>			
<p><b>Inputs</b></p> <p>Asian Development Bank: \$78.5 million (concessional loan)</p> <p>Asian Development Fund Disaster Risk Reduction Fund: \$1.5 million (grant) Republic of Korea e-Asia and Knowledge Partnership Fund: \$0.5 million (grant) Government: \$8.0 million</p>			
<p><b>Assumption for Partner Financing</b></p> <p>Not applicable</p>			

DPWT = Department of Public Works and Transport, ICT = information and communication technology, km = kilometer, m<sup>2</sup> = square meter, m<sup>3</sup> = cubic meter, m<sup>3</sup>/day = cubic meter per day, MPWT = Ministry of Public Works and Transport, O&M = operation and maintenance, Q = quarter.

<sup>a</sup> Government of Cambodia, Ministry of Planning. 2014. National Strategic Development Plan, 2014–2018. Phnom Penh.

Source: Asian Development Bank

## Annex B: List of Key Meetings Held During this Quarter

Date	
31 March – 1 April 2022	National DTL and CAD Operator to have meeting with Site Supervisor and contractor KBH (CW04) at Kratie
22 April 2022	PMC's Project Manager, Team Leader, and Social Development and Gender Specialist to have contract negotiation for IEC Activities with GRET (NGO) and PMU's Procurement Specialist (Hybrid Meeting)
25-27 April 2022	National DTL, CAD Operator, and PMU's CTDP4 Project Manager to have: <ul style="list-style-type: none"> <li>• Meeting with PIU to discuss and confirm proposed site locations for Town Enhancement.</li> <li>• Site visit Kratie landfill progress of access road and site grading</li> <li>• Site visit Stung Treng Landfill progress of campsite and mobilize equipment</li> </ul>
28 April 2022	Team Leader, Project Manager, International and National DTL to have meeting with PMU's Project Director and PMU members at PMU's Office
25-26 May 2022	National DTL together with Site Engineer and Supervisor to have progress meeting with contractor KBH (CW04) at Kratie
26-27 May 2022	National DTL together with Site Engineer and Supervisor to have progress meeting with contractor MTA (CW05) at Stung Treng
13 June 2022	PMC's Team Leader and National DTLs with PMU to have kick-off meeting with ADB for CTDP4 Project at PMU's Office
14 June 2022	PMC's Team Leader, Project Manager, National DTL, and National Resettlement and Safeguards Specialist to have ADB mission for CTDP4 project at Kampong Cham town
17 June 2022	Wrap up of ADB Mission through Video Conference
22 June 2022	National DTL, National Solid Waste Engineer, PMC's CAD Operator and PMU's CTDP4 Project Manager to have public consultation with GDR at Kampong Cham then travelled to Kratie to have progress meeting with contractor KBH for CW04 contract
23-24 June 2022	National DTL, National Solid Waste Engineer, PMC's CAD Operator and PMU's CTDP4 Project Manager to attend Ground breaking ceremony at Stung Treng Landfill Subproject (CW05) with contractor MTA and continued to conduct site investigation around Stung Treng market with GDR

## Annex C: Project Progress by Output

Activities	Weighting	Plan/Progress (%)	
		Plan cumulative %	Progress to date
<b>Overall</b>		Plan cumulative %	83.72%
		Progress to date	52.19%
<b>Output 1: Urban environmental infrastructure improved</b>	85%	Plan cumulative %	85.51%
		Progress to date	53.44%
<b>Wastewater Treatment Plants, Sewerage and Drainage</b>		Plan cumulative %	85.50%
		Progress to date	63.63%
<b>i. Kampong Cham WWTP, Sewerage and Drainage</b>		Plan cumulative %	90.10%
		Progress to date	68.65%
<b>ii. Kratie WWTP, Sewerage and Drainage</b>		Plan cumulative %	83.20%
		Progress to date	55.14%
<b>iii. Stung Treng WWTP, Sewerage and Drainage</b>		Plan cumulative %	83.20%
		Progress to date	67.11%
<b>Wastewater Treatment Plants</b>	20%	Plan cumulative %	85.50%
		Progress to date	64.64%
<b>i. Kampong Cham WWTP</b>	33%	Plan cumulative %	90.10%
		Progress to date	68.85%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	99.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	99.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	5%	Cumulative %	80.00%
Construction and Installation	20%	Cumulative %	0.00%

<b>ii. Kratie WWTP</b>	33%	Plan cumulative % Progress to date	83.20% 57.70%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	72.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	85.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	80.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	92.00%
Preparation of BOQ and specs	10%	Cumulative %	80.00%
Preparation of Bidding Documents	2%	Cumulative %	70.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%
<b>iii. Stung Treng WWTP</b>	33%	Plan cumulative % Progress to date	83.20% 67.36%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	93.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	98.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	72.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	5%	Cumulative %	75.00%
Construction and Installation	20%	Cumulative %	0.00%

<b>Sewers, Drainage &amp; Households and Commercial buildings Connections</b>	30%	Plan cumulative % Progress to date	85.50% 62.62%
<b>i. Kampong Cham Sewerage &amp; Drainage</b>	33%	Plan cumulative % Progress to date	90.10% 68.45%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	98.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	60.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	5%	Cumulative %	95.00%
Construction and Installation	20%	Cumulative %	0.00%
<b>ii. Kratie Sewerage &amp; Drainage</b>	33%	Plan cumulative % Progress to date	83.20% 52.57%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	80.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	52.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	44.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	93.00%
Preparation of BOQ and specs	10%	Cumulative %	64.00%
Preparation of Bidding Documents	2%	Cumulative %	85.00%
Bidding process/Award of contract	5%	Cumulative %	0.00%
Construction and Installation	20%	Cumulative %	0.00%

<b>iii. Stung Treng Sewerage &amp; Drainage</b>	33%	Plan cumulative % Progress to date	83.20% 66.85%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	100.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	95.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Implementation of Land Acquisition and Resettlement/Site Purchase	3%	Cumulative %	45.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	5%	Cumulative %	80.00%
Construction and Installation	20%	Cumulative %	0.00%
<b>Landfills</b>	20%	Plan cumulative % Progress to date	99.68% 63.31%
<b>i. Kampong Cham Landfill</b>	33%	Plan cumulative % Progress to date	100.00% 50.20%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	85.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	6%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	6%	Cumulative %	0.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	84.00%
Preparation of BOQ and specs	10%	Cumulative %	75.00%
Preparation of Bidding Documents	2%	Cumulative %	80.00%
Bidding process/Award of contract	6%	Cumulative %	0.00%
Construction and Installation	25%	Cumulative %	0.00%

<b>ii. Kratie Landfill</b>	33%	Plan cumulative % Progress to date	99.36% 70.20%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	100.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	6%	Cumulative %	6.00%
Implementation of GAP and Communication Plan	6%	Cumulative %	4.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	6%	Cumulative %	100.00%
Construction and Installation	20%	Cumulative %	8.00%
<b>iii. Stung Treng Landfill</b>	33%	Plan cumulative % Progress to date	99.68% 69.54%
Site Selection, Surveys and Approval	10%	Cumulative %	100.00%
Preparation of Resettlement Plan/Due Diligence Review	5%	Cumulative %	100.00%
Preparation/Updating and Approval of IEE & EMP	10%	Cumulative %	100.00%
Preparation and Approval of IEIA	10%	Cumulative %	100.00%
Monitoring of Social and Environmental Safeguards	6%	Cumulative %	5.00%
Implementation of GAP and Communication Plan	6%	Cumulative %	4.00%
Preparation of Detailed Engineering Design	15%	Cumulative %	100.00%
Preparation of BOQ and specs	10%	Cumulative %	100.00%
Preparation of Bidding Documents	2%	Cumulative %	100.00%
Bidding process/Award of contract	6%	Cumulative %	100.00%
Construction and Installation	20%	Cumulative %	5.00%

<b>Town Centre Enhancements</b>	10%	Plan cumulative % Progress to date	100.00% 10.50%
<b>i. Kratie Town Centre Enhancements</b>	50%	Plan cumulative % Progress to date	100.00% 11.00%
Site Selection, Surveys and Approval	10%	Cumulative %	80.00%
Preparation of Detailed Design	20%	Cumulative %	15.00%
Preparation and approval of Due Dilligence Report	10%	Cumulative %	0.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Bidding Documents	5%	Cumulative %	0.00%
Bidding process/Award of contract	10%	Cumulative %	0.00%
Construction and Installation	35%	Cumulative %	0.00%
<b>ii. Stung Treng Town Centre Enhancements</b>	50%	Plan cumulative % Progress to date	100.00% 10.00%
Site Selection, Surveys and Approval	10%	Cumulative %	50.00%
Preparation of Detailed Design	20%	Cumulative %	25.00%
Preparation and approval of Due Dilligence Report	10%	Cumulative %	0.00%
Monitoring of Social and Environmental Safeguards	5%	Cumulative %	0.00%
Implementation of GAP and Communication Plan	5%	Cumulative %	0.00%
Preparation of Biding Documents	5%	Cumulative %	0.00%
Bidding process/Award of contract	10%	Cumulative %	0.00%
Construction and Installation	35%	Cumulative %	0.00%

<b>Staff employed in O&amp;M are women</b>	5%	Plan cumulative % Progress to date	0.00% 0.00%
<b>i. Kampong Cham O &amp; M Staff</b>	33%	Plan cumulative % Progress to date	0.00% 0.00%
Staff employed in O&M are women	100%	Cumulative %	0.00%
<b>ii. Kratie O &amp; M Staff</b>	33%	Plan cumulative % Progress to date	0.00% 0.00%
Staff employed in O&M are women	100%	Cumulative %	0.00%
<b>iii. Stung Treng O &amp; M Staff</b>	33%	Plan cumulative % Progress to date	0.00% 0.00%
Staff employed in O&M are women	100%	Cumulative %	0.00%
<b>Output 2: Institutional effectiveness, and policy and planning environment for regional economic connectivity enhancement</b>	15%	Plan cumulative % Progress to date	73.53% 45.08%
<b>i. ICT for Provincial Government</b>	33%	Plan cumulative % Progress to date	55.00% 10.00%
Kampong Cham	33%	Cumulative %	10.00%
Kratie	33%	Cumulative %	10.00%
Stung Treng	33%	Cumulative %	10.00%
<b>ii. Preparation of Provincial Spatial Plans</b>	33%	Plan cumulative % Progress to date	100.00% 99.00%
Kampong Cham	33%	Cumulative %	99.00%
Kratie	33%	Cumulative %	99.00%
Stung Treng	33%	Cumulative %	99.00%
<b>iii. Training</b>	33%	Plan cumulative % Progress to date	66.25% 26.50%
Training Needs Assessment	25%	Cumulative %	100.00%
Training Delivery	75%	Cumulative %	2.00%

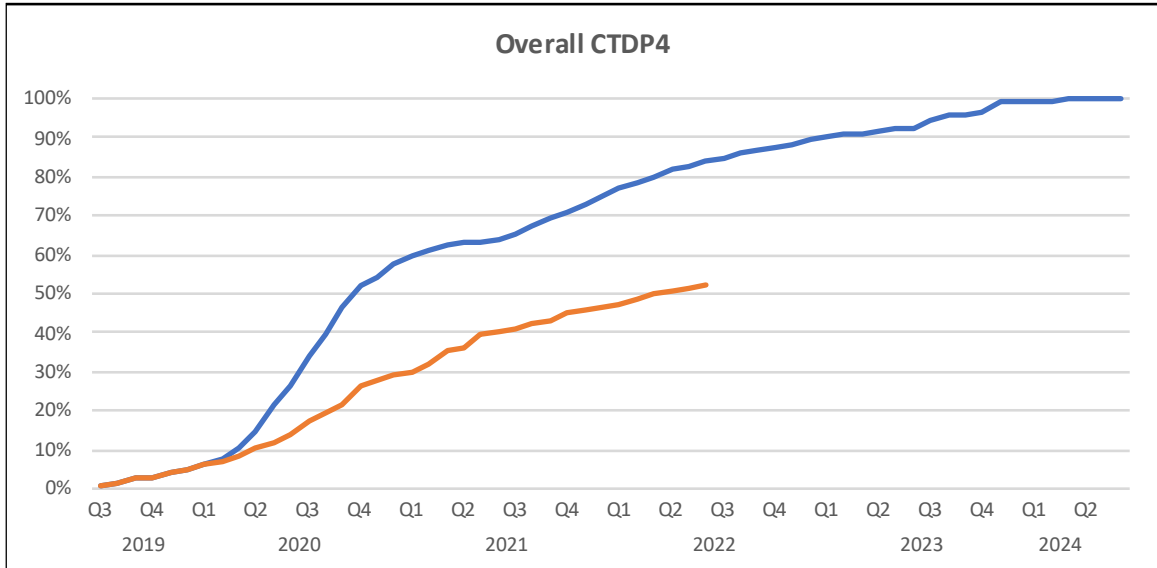
**Output Progress Compared with Planned Progress\***

\*Based on work plans prepared in April 2020

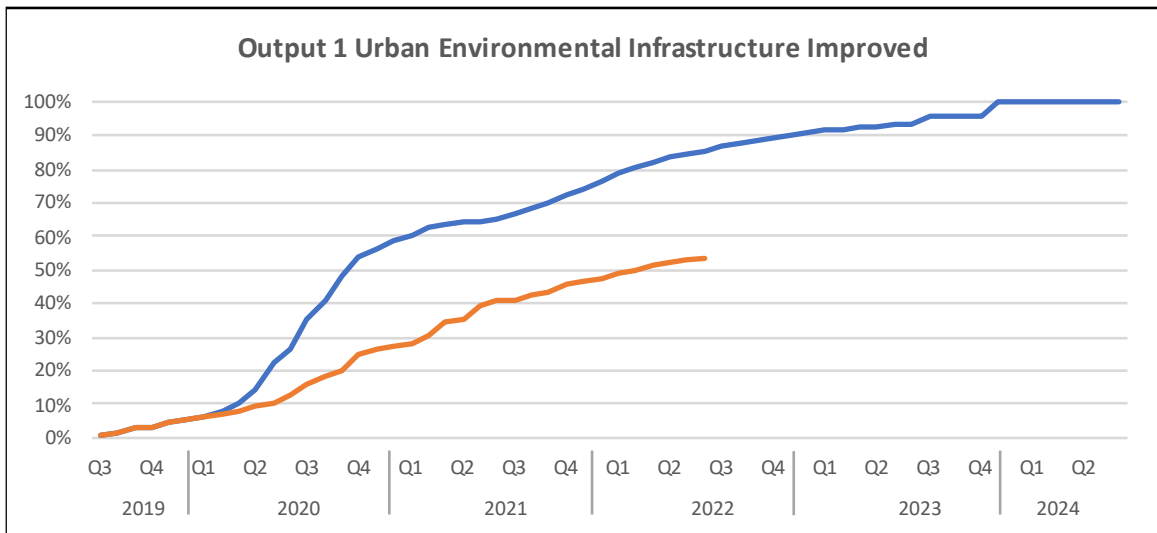
**Project Progress - Outputs from Project Performance Monitoring System**

**June 2022**

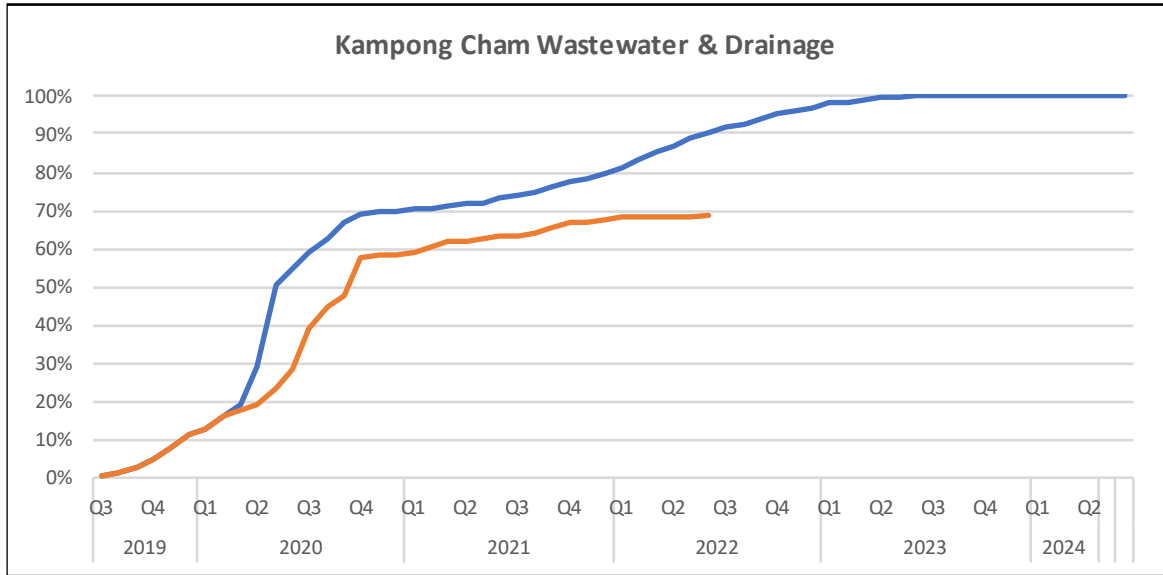
**CTDP4**



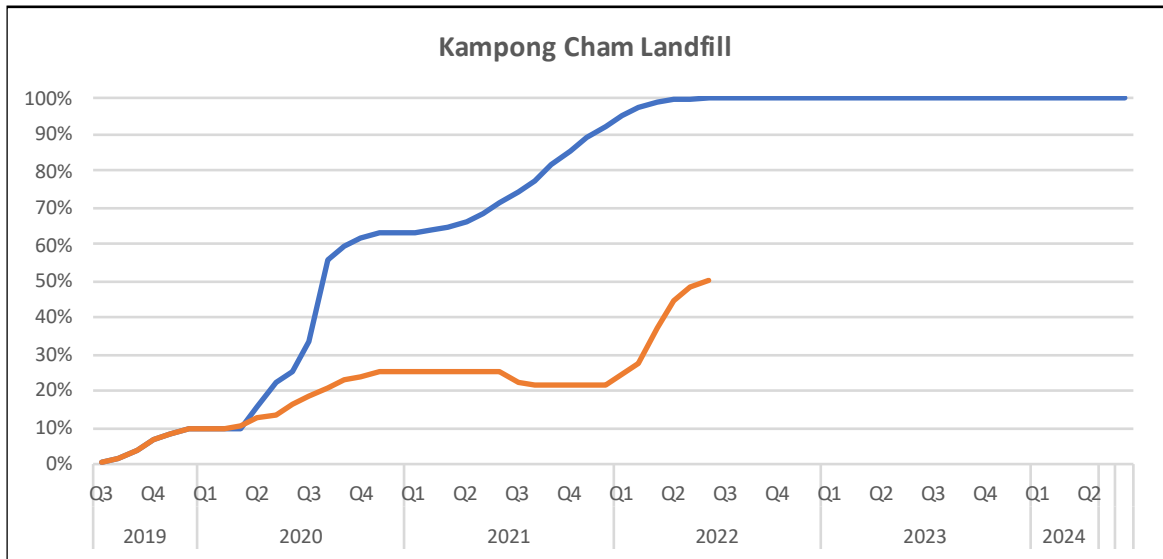
**Plan 83.72%**      **Actual 52.19%**



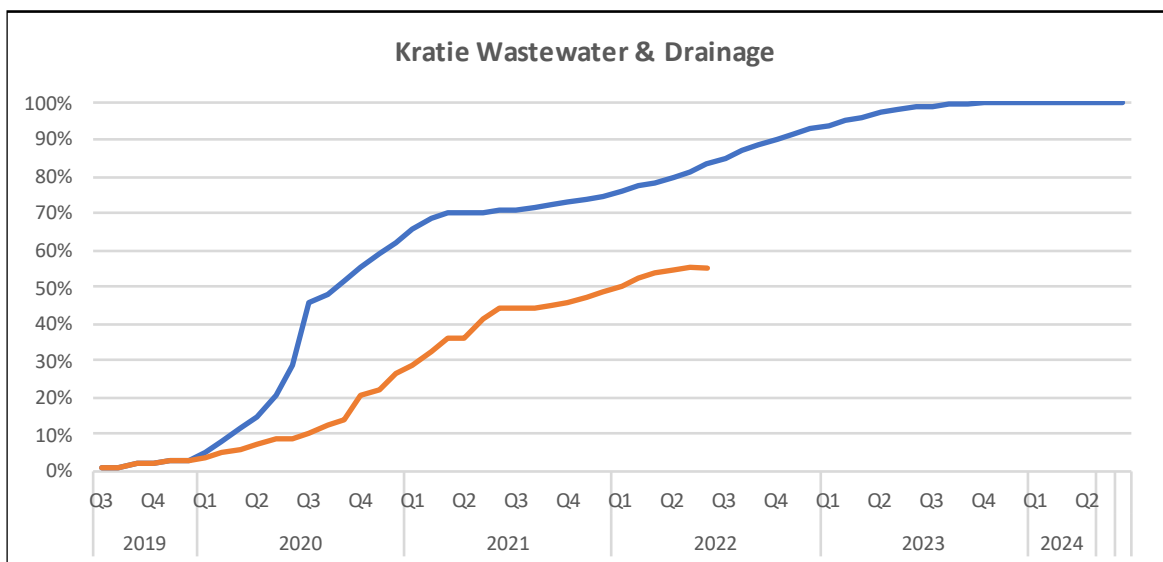
**Plan 85.51%**      **Actual 53.44%**



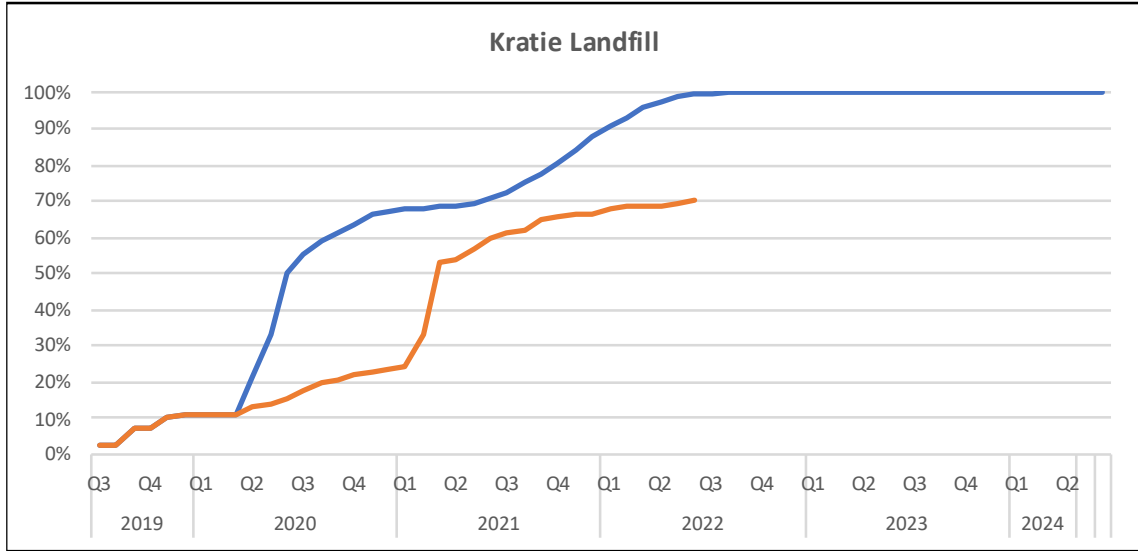
**Plan 90.10%**      **Actual 68.65%**



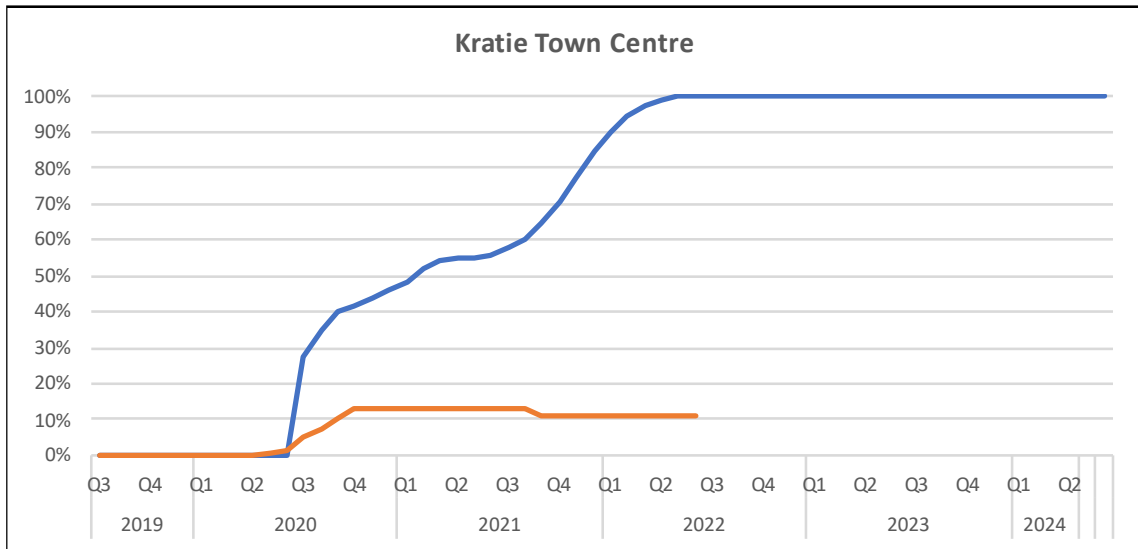
**Plan 100.00%**      **Actual 50.20%**



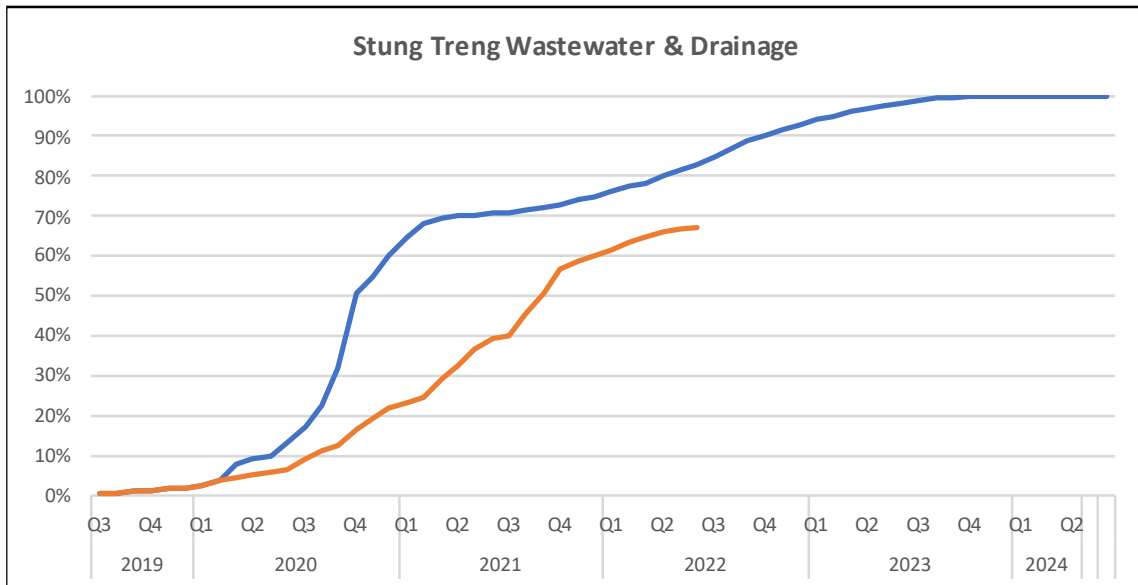
**Plan 83.20%**      **Actual 55.14%**



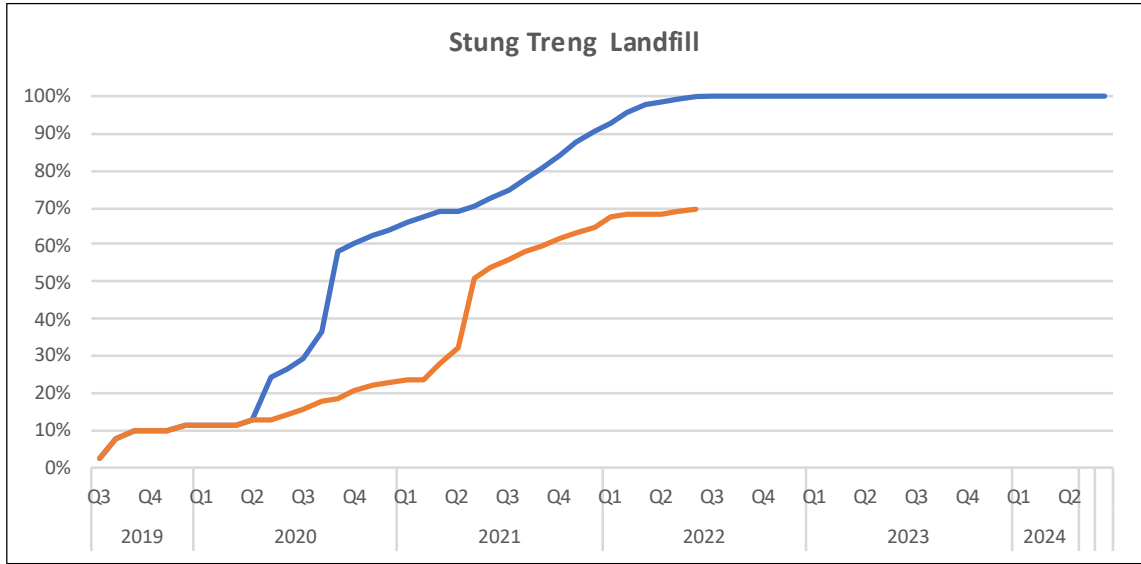
**Plan 99.36%**      **Actual 70.20%**



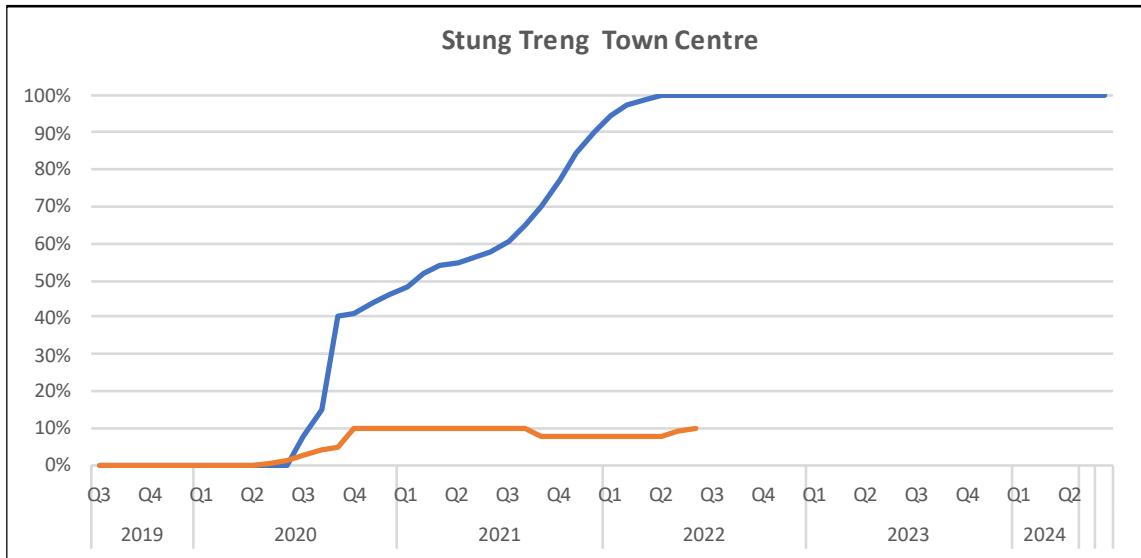
**Plan 100.00%**      **Actual 11.00%**



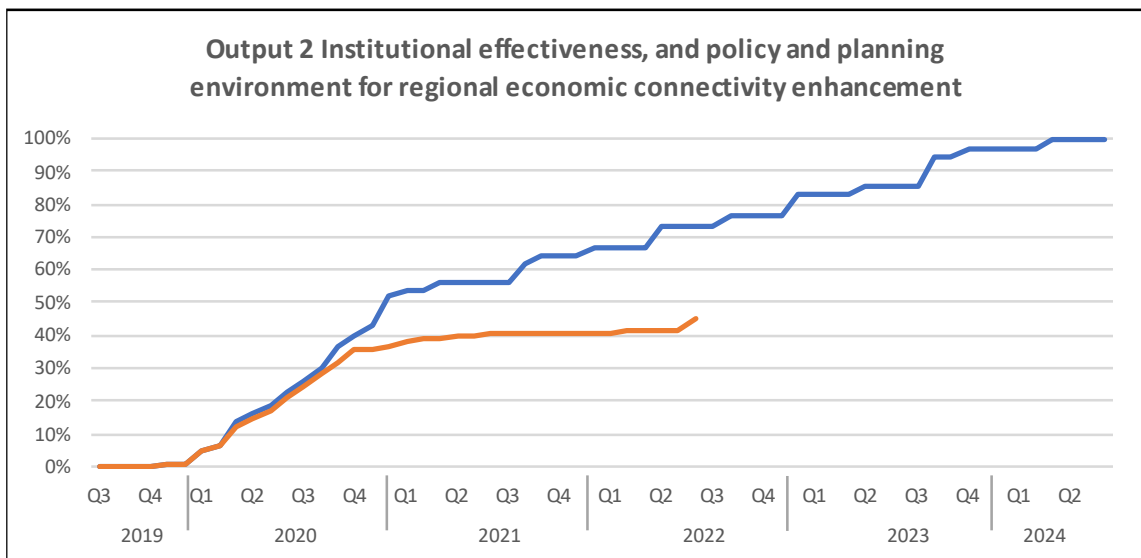
**Plan 83.20%**      **Actual 67.11%**



**Plan** 99.68%      **Actual** 69.54%



**Plan** 100.00%      **Actual** 10.00%



**Plan** 73.53%      **Actual** 45.08%



## Annex E: Consultant Inputs (Time-based only)

CTDP-4 Timesheet input								
Quarterly 2 (Apr - Jun 2022)								
Position Code	Name	Position	Contract Amount	Contract Amount after Variation Order No.6	Cumulative to Q1 Mar'22	Q2 Period Apr-Jun'22	Total	Balance
<b>International Expert</b>								
Int.KE-1	Mr. René van Doorn	Team Leader	27.00	19.20	11.86	0.47	12.33	6.87
Int.KE-2	Mr. Lars Orio	International Deputy Team Leader	16.29	16.29	4.51	0.58	5.09	11.20
Int.KE-5	Mr. Peter Peter Gammelgaard Jensen	Environmental Safeguard Specialist	8.00	8.00	4.93	0.62	5.55	2.45
Int.KE-6	Mr. Teemu Jantunen	Social Safeguard and Resettlement Specialist	6.00	6.00	4.81	0.32	5.13	0.87
Int. NKE-7	Ms. Alice Thauvin	Finance and Institutional Specialist	3.00	3.00	0.45	0.05	0.50	2.50
Int. NKE-8	Mr. Richard Pope	Capacity Development and Training Specialist	3.00	3.00	0.54	0.20	0.74	2.26
<b>National Expert</b>								
Nat.KE-1.2	Mr. Ly Nara	Deputy Team Leader (CTDP4)	55.00	55.00	29.83	3.00	32.83	22.17
Nat. KE-5.2	Mr. Yim Chamnan	Environment Safeguards Specialist-2	12.00	12.00	6.24	1.05	7.29	4.71
Nat.KE-6.2	Mr. Chan Narith	Social Safeguard and Resettlement Specialist	12.00	12.00	11.12	0.52	11.64	0.36
Nat. KE-7	Mr. Chheav Nak	Institutional Development Specialist	4.00	4.00	0.62		0.62	3.38
Nat. NKE-8.6	Mr. Chhin Thannak	Site Engineer-6 (Stung Treng)	25.00	25.00	1.00	3.00	4.00	21.00
Nat. NKE-9.5	Mr. Khin Channak	Site Supervisor-5 (Kratie)	30.00	30.00	1.00	3.00	4.00	26.00
Nat. NKE-9.6	Mr. Tep Chanthy	Site Supervisor-6 (Stung Treng)	30.00	30.00	1.00	3.00	4.00	26.00

## Annex F: Gender Action Plan Monitoring

Gender Action Plan (GAP Activities, Indicators and Targets, Timeframe and Responsibility)	Progress to date (as of June 2022)	Issues, Challenges & Comments
<b>Output 1: Urban environmental infrastructure improved</b>		
<b>Output 1.1: Urban environmental infrastructure in Kampong Cham improved</b>		
<p><b>Target 1:</b> Wastewater collection connections provided free-of charge to 4,676 HHs in Phase 1 service area of which 991 are FHH, 122 ID Poor 1 and 34 ID Poor 2 HHs.</p> <p><b>Responsibility:</b> DPWTs/PIUs</p>	<p>Not yet due: Q4 2023</p> <p>Approximately 4,000 HH are included in the design (23 Feb 2021 presentation)</p> <p>Target is included in the TOR for the NGO currently under contracting for IEC activities.</p>	<p>The WW services will be extended to the service area included in catchment 1, 2, &amp; 3, which by the design team has an estimated 4,000 HH and thus about 14% lower than the HH target. The share of FHH and ID Poor HH will depend on the socio-economic situation of the service area. The service area covers 030502 Kampong Cham, 030504 Veal Vong, about 22% of the settled area of Boeng Kok, and 3% of the settled area of 030503 Sombuor Meas Sangkats.</p> <p>Targets in left column established in the PAM, Table 8.1 GAP. Targets in the standalone GAP, July 2018 are higher than those in the PAM for some variables (4,676 HHs in Phase 1 service area of which 1,153 are FHHs, 154 HHs are ID Poor 1, and 34 HHs are ID Poor 2).</p> <p>PMC will oversee the NGO work to determine the number of HH that will receive a wastewater connection as a result of this subproject.</p>
<p><b>Target 2:</b> Expanded and improved solid waste collection services will cover 2,416 FHHs.</p> <p><b>Responsibility:</b> Municipality</p>	<p>Not yet due: Q4 2023</p> <p>Target is included in the TOR for the NGO currently under contracting for IEC activities.</p>	<p>Indicator is not directly relevant in respect of the PMC TOR, which only includes services related to landfill construction and provision of equipment, not solid waste collection.</p> <p>According to the Commune Database 2018, 0305 Krong Kampong Cham had 2,311 FHH, i.e. less than the target.</p> <p>PMC will oversee the NGO work to determine the number of HH that will receive a waste collection service as a result of this subproject.</p>
<p><b>Target 3:</b> 30% of staff employed in operation and maintenance are women (baseline 2016: 0).</p>	<p>Not yet due: Q4 2023</p>	<p>The employing organisations to be assigned responsibility for the target.</p> <p>PMC to obtain and review baseline in operating companies.</p>

<p><b>Responsibility:</b> PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit</p>		<p>PMU/PIU to include 30% of women in the training invitation for O&amp;M staff to ensure target can be met.</p>
<p><b>Action 1:</b> Pilot project at Sangkat/Commune level on community management of flood resilience, gender equity in post-flood clean-up, and town beautification.</p> <p><b>Responsibility:</b> DPWTs/PIUs, NGO</p>	<p>Not yet due: Q4 2022</p> <p>The Pilot projects are included in the TOR for the NGO under subcontracting for IEC.</p>	<p>Indicator is not directly relevant in respect of the PMC TOR, which only includes services related to wastewater collection and landfill construction and provision of equipment.</p> <p>PMC to work with the NGO in assessing the development of a pilot project on flood resilience, gender equity in post-flood clean up and town beautification.</p>
<p><b>Output 1.2: Urban environmental infrastructure in Kratie improved</b></p>		
<p><b>Target 4:</b> Wastewater collection connections provided free-of charge to 2,688 HHs in Phase 1 service area of which 238 are FHH, 111 ID Poor 1 and 246 ID Poor 2 HHs.</p> <p><b>Responsibility:</b> DPWTs/PIUs</p>	<p>Not yet due: Q4 2023</p> <p>Approximately 1,700-1,800 HH are included in the design (23 Feb 2021 presentation)</p> <p>Target is included in the TOR for the NGO currently under contracting for IEC activities.</p>	<p>The WW services will be extended to the service area included in catchment 1, 2, &amp; 3, which by the design team has an estimated 1,700-1,800 HH and thus about 33% lower than the HH target. The share of FHH and ID Poor HH will depend on the socio-economic situation of the service area. The service area covers an estimated 95% of the settled areas of 10029 Kracheh and 100211 Roka Kandal Sangkats.</p> <p>Targets in left column established in the PAM, Table 8.1 GAP and match those of the standalone GAP, July 2018.</p> <p>PMC will oversee the NGO work to determine the number of HH that will receive a wastewater connection as a result of this subproject.</p>
<p><b>Target 5:</b> Expanded and improved solid waste collection services will cover 825 FHHs.</p> <p><b>Responsibility:</b> Municipality</p>	<p>Not yet due: Q4 2023</p> <p>Target is included in the TOR for the NGO currently under contracting for IEC activities.</p>	<p>Indicator is not directly relevant in respect of the PMC TOR, which only includes services related to landfill construction and provision of equipment.</p> <p>According to the Commune Database 2018, 1002 Krong Kracheh had 888 FHH, so nearly all FHH should be covered by the services to meet the target.</p> <p>PMC will oversee the NGO work to determine the number of HH that will receive a waste collection service as a result of this subproject.</p>

<p><b>Target 6:</b> 30% of staff employed in operation and maintenance are women (baseline 2016: 0).</p> <p><b>Responsibility:</b> PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit</p>	<p>Not yet due: Q4 2023</p>	<p>Refer above.</p>
<p><b>Action 2:</b> Pilot project at Sangkat/Commune level on community management of flood resilience, gender equity in post-flood clean-up, and town beautification.</p> <p><b>Responsibility:</b> DPWTs/PIUs, NGO</p>	<p>Not yet due: Q4 2022</p> <p>The Pilot projects are included in the TOR for the NGO under subcontracting for IEC.</p>	<p>Refer above.</p>
<p><b>Output 1.3: Urban environmental infrastructure in Stung Treng improved</b></p>		
<p><b>Target 7:</b> Wastewater collection connections provided free-of charge to 2,253 HHs in Phase 1 service area of which 163 are FHH, 122 ID Poor 1 and 6 ID Poor 2 HHs.</p> <p><b>Responsibility:</b> DPWTs/PIUs</p>	<p>Not yet due: Q4 2023</p> <p>Preliminary estimate of 2,000 HH in the service area by the design team (23 Feb 2021 presentation)</p> <p>Target is included in the TOR for the NGO to be subcontracted for IEC.</p>	<p>The WW services will be extended to the proposed Phase 1 service area, which by the design team has an estimated 2,000 HH and thus about 11% lower than the HH target. The share of FHH and ID Poor HH will depend on the socio-economic situation of the service area. The service area covers parts of the 190402 Srah Ruessei, 190403 Preah Bat, and 190401 Stung Treng Sangkats.</p> <p>Targets in left column established in the PAM, Table 8.1 GAP. Targets differ in the standalone GAP, July 2018 for some variables (2,253 HHs in Phase 1 service area, of which 277 are FHHs, 14 are ID Poor 1, 44 are ID Poor 2).</p> <p>PMC will oversee the NGO work to determine the number of HH that will receive a wastewater connection as a result of this subproject.</p>
<p><b>Target 8:</b> Expanded and improved solid waste collection services will cover 446 FHHs.</p> <p><b>Responsibility:</b> Municipality</p>	<p>Not yet due: Q4 2023</p> <p>Target is included in the TOR for the NGO currently under contracting for IEC activities.</p>	<p>Indicator is not relevant in respect of the PMC TOR, which only includes services related to landfill construction and provision of equipment.</p> <p>According to the Commune Database 2018, 1904 Krong Stueng Traeng had 718 FHH of which 499 are in the more urbanised area south of the Sekong and 219 in the largely rural Sameakki Commune.</p> <p>PMC will oversee the NGO work to determine the number of HH that will receive a waste collection service as a result of this subproject.</p>

<p><b>Target 9:</b> 30% of staff employed in operation and maintenance are women (baseline 2016: 0).</p> <p><b>Responsibility:</b> PIUs/Cities/organizations, incl. Landfill operation, waste collection operation, and the urban service unit</p>	<p>Not yet due: Q4 2023</p>	<p>Refer above.</p>
<p><b>Action 3:</b> Pilot project at Sangkat/Commune level on community management of flood resilience, gender equity in post-flood clean-up, and town beautification.</p> <p><b>Responsibility:</b> DPWTs/PIUs, NGO</p>	<p>Not yet due: Q4 2022</p> <p>The Pilot projects are included in the TOR for the NGO under subcontracting for IEC.</p>	<p>Refer above.</p>
<p><b>Output 2: Institutional effectiveness, and policy and planning environment for regional economic connectivity enhanced</b></p>		
<p><b>Action 4:</b> Provincial Development Strategies approved include social inclusion and gender equity components.</p> <p><b>Responsibility:</b> MLMUPLC/PMC</p>	<p>Not yet due: Q4 2023</p> <p>Land Use Master Plan reviews for Kratie and Kampong Cham cover social inclusion and gender equity components.</p> <p>PSPs under development for Kampong Cham, Kratie, Stung Treng (and Banteay Meanchey TS-2).</p>	<p>Scope has changed to Provincial Spatial Plan (PSP). Therefore, action is proposed changed to: "Provincial Spatial Plan approved include social inclusion and gender equity components." Scope of the PSPs follows the Provincial Spatial Planning Handbook, MLMUPLC. Change of action may be considered at MTR.</p> <p>Gender integration in scope of PSPs to be conducted by including gender issues section in situational analysis and gender responsive measures in the strategies and action plan.</p>
<p><b>Target 10:</b> In development of Provincial Development Strategy and implementation of ICT initiatives 30% and 50%, respectively, of participants from government agencies will be female staff.</p> <p><b>Responsibility:</b> DPWTs/PIUs</p>	<p>Due: Q2 2022</p> <p>Gender of committee members and secretariat members involved in the PSPs are as follows:</p> <p>Kampong Cham</p> <ul style="list-style-type: none"> <li>• Committee: 3 F of 22, 14%</li> <li>• Secretariat: 0 F of 13, 0%</li> </ul> <p>Kratie</p> <ul style="list-style-type: none"> <li>• Committee: 1 F of 34, 3%</li> <li>• Secretariat: 0 F of 28, 0%</li> </ul> <p>Stung Treng:</p> <ul style="list-style-type: none"> <li>• Committee: 4 F of 35, 11%</li> </ul>	<p>Scope has changed to Provincial Spatial Plan. Therefore, target is proposed changed to: "In development of Provincial Spatial Plan and implementation of ICT initiatives 30% and 50%, respectively, of participants from government agencies will be female staff." Change of target may be considered at MTR.</p> <p>The Provincial Department of Land Management, Urban Planning, Construction, and Cadastre (PDLMUPCC) appoints the participants of the committee and secretariat from government agencies based on position, which make it difficult to achieve specific gender ratio.</p> <p>Female participation will be monitored but achieving the target is beyond the control of the PMC.</p> <p>ADB to liaise with ICT consultants (CRISIL) on the ICT related part of the indicator.</p>

	<ul style="list-style-type: none"> <li>• Secretariat: 4 F of 22, 18%</li> </ul> <p>Banteay Meanchey (TS-2)</p> <ul style="list-style-type: none"> <li>• Committee: 3 F of 40, 8%</li> <li>• Secretariat: 3 F of 36, 8%</li> </ul>	
<p><b>Target 11:</b> In workshops related to Provincial Development Strategy and ICT initiatives 50% of participants will be women</p> <p><b>Responsibility:</b> DPWTs/PIUs, PMC and ICTM Consultant</p>	<p>Overdue: Q4 2019</p> <p>Kampong Cham</p> <ul style="list-style-type: none"> <li>• 14-Aug 2020: 1 F of 28, 4%</li> <li>• 30-Nov 2020: 3 F of 55, 5%</li> <li>• 01-Dec 2021: 7 F of 91, 8%</li> </ul> <p>Kratie &amp; Stung Treng</p> <ul style="list-style-type: none"> <li>• 15-Jul 2021: 7F, 29M, 12 not reported of 48 participants</li> </ul> <p>Kratie</p> <ul style="list-style-type: none"> <li>• 13-Aug 2020: 38 participants (gender not reported)</li> </ul> <p>Stung Treng</p> <ul style="list-style-type: none"> <li>• 28-Jul 2020: 5 F of 32, 16%</li> </ul> <p>Banteay Meanchey (TS-2)</p> <ul style="list-style-type: none"> <li>• 04-Aug 2020: 1 F of 19, 5%</li> <li>• 26-Nov 2020: 6 F of 66, 9%</li> <li>• 9-Sep-2021: 2 F of 27, 7%</li> <li>• 03-Dec 2021: 15 F 85, 18%</li> </ul>	<p>Scope has changed to Provincial Spatial Plan. Therefore, target is proposed changed to: "In workshops related to Provincial Spatial Plan and ICT initiatives 50% of participants will be women." Change of target may be considered at MTR. The scope change led to some delays of workshops.</p> <p>The Provincial Department of Land Management, Urban Planning, Construction, and Cadastre (PDLMUPCC) determines the participants of stakeholder meetings based on their positions as government officials. The PDLMUPCC has been explained the targets of the GAP and suggested to increase female participants by inviting NGOs and CSOs, including women's groups and private sector. The PDLMUPCC has stated that they will try to increase the number of female participants.</p> <p>ICT initiatives have not commenced yet and are not under PMC scope.</p> <p>Female participation will be monitored but achieving the target is beyond the control of the PMC.</p> <p>ADB to liaise with ICT consultants (CRISIL) on the ICT related part of the indicator.</p>
<p><b>Action 5:</b> Existing staff responsible for financial management and administration (majority women) to be trained in ICTM</p> <p><b>Responsibility:</b> DPWTs/PIUs, ICTM Consultant</p>	<p>Not yet due: Q4 2022</p>	<p>ICT initiatives have not commenced yet and are not under PMC scope. ICTM Consultant to conduct training in ICTM.</p> <p>ADB to liaise with ICT consultants (CRISIL) on this indicator.</p>
<p><b>Target 12:</b> At least 120 government staff (at least 50% women) in the provincial governments trained in ICT skills to operate the ICTM services (2017 baseline: 0)</p> <p><b>Responsibility:</b> MPWT/PMU, ICTM Consultant</p>	<p>Not yet due: Q4 2023</p>	<p>ICT initiatives have not commenced yet and are not under PMC scope.</p> <p>ICTM Consultant to review baseline data and conduct training.</p> <p>ADB to liaise with ICT consultants (CRISIL) on this indicator.</p>

<p><b>Target 13:</b> At least 60 government staff (at least 25% women) in the implementing agencies gained new technical, operational and maintenance knowledge and skills on wastewater treatment facility, drainage systems and controlled landfill (2017 baseline: 0)</p> <p><b>Responsibility:</b> MPWT/PMU</p>	<p>Not yet due: Q4 2023</p>	<p>Baseline data with sex-disaggregation to be collected to prepare for MTR.</p> <p>Pre- and post-training questionnaires will be distributed in coordination with the Capacity Development and Training Specialist.</p> <p>At least 25% women participating in training or workshop related to those skills will be included in the workshop/training invitation letter.</p> <p>Target to be discussed at GAP orientation.</p> <p>Baseline data with sex-disaggregation to be collected to prepare for MTR.</p>
<p><b>Target 14:</b> Women's representation in PMU/PIU decision making and technical positions 20% (PMU and PIU Steung Treng) and 25% (PIUs Kampong Cham and Kratie). (Baseline (2011-2015) for PMU: MPWT 17%; PDPWT cumulative 14.85% women in managerial positions, PIU: PDPWT percentage of managerial positions occupied by women: Kampong Cham: 25% Kratie 22%; Stung Treng 18%)</p> <p><b>Responsibility:</b> Steering Committee responsible for ensuring % of women in Committee PMU and PIU</p>	<p>Staff lists and gender lists have been collected by the PMC from the PMU and PIUs. Women representation are as follows:</p> <p>PMU: 2 of 10 (20% versus a target of 20%)</p> <p>PIU Steung Treng: 0 of 9 (0% versus a target of 20%)</p> <p>PIU Kampong Cham: 1 of 9 (11% versus a target of 25%)</p> <p>PIU Kratie: 0 of 9 (0% versus a target of 20%)</p>	<p>PMU and PIUs are already established. PIUs are composed of members from PDPWT, municipalities, and provincial local administration staff. Gender ratio of members reflects those of the organizations these are appointed from.</p> <p>Targets to be discussed at GAP orientation. Set up of PMU/PIU to be reviewed and wherever possible to increase female representation wherever possible.</p>
<p><b>Action 6:</b> Orientation on GAP implementation, monitoring, and reporting provided to PMU/PIU staff, and local implementation partners.</p> <p><b>Responsibility:</b> MPWT/PMU, DPWTs/PIUs</p>	<p>Overdue: Q1 2019</p> <p>Planned for August-September 2022</p>	<p>Gender Focal Point in the PMU (EA) has been appointed. National Gender Consultant to mobilise with the PMC to facilitate orientation.</p>
<p><b>Action 7:</b> GAP integrated in overall work plan, budget and PPMS.</p> <p><b>Responsibility:</b> MPWT/PMU, DPWTs/PIUs, PMC</p>	<p>GAP has been integrated in overall workplan, budget and PPMS</p>	
<p><b>Action 8:</b> Collection and monitoring of sex-disaggregated data with gender sensitive indicators incorporated in the PPMS and reflected in quarterly reports and GAP monitoring reports using ADBs template.</p>	<p>GAP Monitoring Template received and annexed the quarterly reports.</p>	

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<b>Responsibility:</b> MPWT/PMU/PMC		
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## Annex G: Procurement Plan

### CTDP4 PROCUREMENT PLAN

#### Basic Data

<b>Project Name:</b> Fourth Greater Mekong Subregion Corridor Towns Development Project	
<b>Project Number:</b> 50099-002	<b>Approval Number:</b> 3686/0593/0592
<b>Country:</b> Cambodia	<b>Executing Agency:</b> Ministry of Public Works and Transport
<b>Project Procurement Risk:</b> Medium	<b>Implementing Agency:</b> N/A
<b>Project Financing Amount:</b> US\$ 88,500,000 <b>ADB Financing:</b> US\$ 80,000,000 <b>Cofinancing (ADB Administered):</b> US\$ 500,000 <b>Non-ADB Financing:</b> US\$ 8,000,000	<b>Project Closing Date:</b> 30 June 2024
<b>Date of First Procurement Plan:</b> 1 August 2018	<b>Date of this Procurement Plan:</b> 14 August 2020 Version 3
<b>Advance Contracting:</b> No	<b>e-GP:</b> No

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

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

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

Procurement of Goods and Works		
Method	Threshold	Comments
International Competitive Bidding for Goods	US\$ 1,000,000 and Above	
National Competitive Bidding for Goods	Between US\$ 100,000 and US\$ 999,999	The first NCB is subject to prior review, thereafter post review.
Shopping for Goods	Up to US\$ 99,999	
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	The first NCB is subject to prior review, thereafter post review.
Shopping for Works	Up to US\$ 99,999	

Consulting Services	
Method	Comments
Quality- and Cost-Based Selection for Consulting Firm	80:20 and 90:10; FTP
Quality-Based Selection for Consulting Firm	
Individual Consultant Selection for Individual Consultant	

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

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

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW03	Kampong Cham Solid Waste Management Subproject	6,180,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW04	Kratie Solid Waste Management Subproject	5,570,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW05	Stung Treng Solid Waste Management Subproject	5,920,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW06	Kampong Cham Wastewater and Drainage Subproject	17,260,000.00	ICB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works
CW07	Kratie Wastewater and Drainage Subproject	14,140,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works
CW08	Stung Treng Wastewater and Drainage Subproject	14,450,000.00	ICB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference

							Applicable: N Bidding Document: Large Works
G02	Solid Waste Collection Vehicles and Landfill Equipment	1,350,000.00	ICB	Prior	1S1E	Q4 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods

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

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

Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
CS02	ICT for Public Management	1,000,000.00	QCBS	Prior	Q4 / 2020	FTP	Assignment: International Quality-Cost Ratio: 80:20

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

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

Goods and Works								
Package Number	General Description	Estimated Value	Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW01	Kratie Town Centre Environmental Enhancement	750,000.00	1	NCB	Prior	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works
CW02	Stung Treng Town Centre Environmental Enhancement	750,000.00	1	NCB	Post	1S1E	Q4 / 2020	Prequalification of Bidders: N Domestic Preference

								Applicable: N Bidding Document: Small Works
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Consulting Services								
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
ICS02	Financial Management Specialist	80,000.00	1	ICS	Prior	Q4 / 2020		Assignment : National  Expertise: Financial management
ICS03	Procurement Specialist	80,000.00	1	ICS	Prior	Q4 / 2020		Assignment : National  Expertise: Procurement

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

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

Goods and Works							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Comments
None							

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

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

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

### 1. Awarded and Ongoing Contracts

Goods and Works							
Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract	Comments

G01	Vehicles (5 units)	190,000.00	160,000.00	NCB	Q1 / 2020	Award 22-JUN-20	
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Consulting Services							
Package Number	General Description	Estimated Value	Awarded Contract Value	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
PMCS-CS01	Project Management, Detailed Engineering Design, Construction Supervision, Provincial Development Strategy and Capacity Building	6,100,000.00	5,834,010.83	QCBS	Q2 / 2018	20-JUN-19	The contract is both under CAM; TS and CAM: GMS4
ICS01	Project Implementation Specialist	250,000.00	280,000.00	ICS	Q3 / 2019	25-MAR-20	Mr. Greesh Kumar Sharma

## D. National Competitive Bidding

### A. Regulation and Reference Documents

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

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

### B. Procurement Procedures

#### 1. Application

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

#### 2. Sanctioning

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

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

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

### **4. Advertising**

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

## **C. Bidding Documents**

### **5. Use of Bidding Documents**

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

### **6. Bid Evaluation**

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

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

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

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

### **8. ADB Policy Clauses**

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

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

fraudulent, collusive, or coercive practices in competing for the contract in question.

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

**Annex H: Status of Compliance with Loan and Grant Covenants – 30 June 2022**

Schedule	Para No.	Description	Status	Type
<b>LOAN 3686 -CAM (COL)</b>				
Schedule 5	1	<p>Implementation Arrangements</p> <p>The Borrower shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM will become effective only after approval of such change by the Government and ADB. In the event of any discrepancy between the PAM and this Loan Agreement, the provisions of this Loan Agreement shall prevail.</p>	Being complied	Safeguards
Schedule 5	2	<p>Environment</p> <p>The Borrower shall ensure that the preparation, design, construction, implementation, operation and decommissioning of the Project 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; and (c) all measures and requirements set forth in each IEE, each EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.</p>	Being complied	Safeguards
Schedule 5	3	<p>The Borrower shall ensure that prior to mobilization for civil works under the Project: (a) project-specific Environmental Safeguards grievance redress mechanism, acceptable to ADB, is established in accordance with the provisions of the EMPs, to consider Environmental Safeguards complaints; and (b) a local level grievance redress mechanism is established and a task force is functioning effectively to (i) review and document eligible complaints of Project stakeholders; (ii) proactively address grievances; (iii) provide the complainants with notice of the chosen mechanism; (iv) prepare periodic reports to summarize (A) the number and types of complaints received and resolved at all levels; (B) chosen actions and time required for resolution; and (C) final outcomes of the grievances; and (v) make the reports available to ADB as part of the regular Project Progress Reports and Environmental Safeguards Monitoring Reports.</p>	Will be complied.	Safeguards
Schedule 5	4	Involuntary Resettlement		Safeguards

Schedule	Para No.	Description	Status	Type
		The Borrower shall ensure that all land and all rights-of-way required for the Project 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) the Involuntary Resettlement Safeguards; and (c) all measures and requirements set forth in the RF, each RP and any corrective or preventative actions set forth in the Safeguards Monitoring Report.	Will be complied.	
Schedule 5	5	Without limiting the application of the Involuntary Resettlement Safeguards or the RP, the Borrower shall ensure that no physical or economic displacement takes place in connection with the Project until: (a) compensation and other entitlements, as relevant, 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.	Will be complied.	Safeguards
Schedule 5	6	The Borrower shall ensure that: (a) no land for the Project is acquired through voluntary land donation; and (b) if any land is acquired through negotiated settlement, the Borrower shall employ a third party to independently verify that (i) consultations with landowners have been undertaken meaningfully, freely and in good faith and the landowners have made informed decisions on use of land, and (ii) terms and conditions of the agreements have been explained and have been understood and agreed by the landowners, all in accordance with the requirements in the RF.	Will be complied.	Safeguards
Schedule 5	7	The Borrower shall ensure that prior to any land acquisition under the Project: (a) a safeguards grievance redress mechanism, acceptable to ADB, is established in accordance with the provisions of the RF, to consider Involuntary Resettlement Safeguards complaints; and (b) a local level grievance redress mechanism is established and a task force is functioning effectively to (i) review and document eligible complaints of Project stakeholders; (ii) proactively address grievances; (iii) provide the complainants with notice of the decisions made; (iv) prepare periodic reports to summarize (A) the number and types of complaints received and resolved at all levels; (B) chosen actions and time required for resolution; and (C)	Will be complied.	Safeguards

Schedule	Para No.	Description	Status	Type
		final outcomes of the grievances; and (v) make the reports available to ADB as part of the regular Safeguards Monitoring Reports. For the purpose of this provision, eligible complaints include those related to resettlement planning and implementation.		
Schedule 5	8	<p>Indigenous Peoples</p> <p>8. The Borrower shall ensure that the Project does not have any indigenous peoples impacts within the meaning of SPS. In the event that the Project does have any such impact, the Borrower shall take all steps required to ensure that the Project complies with the applicable laws and regulations of the Borrower and with SPS.</p>	Will be complied.	Safeguards
Schedule 5	9	<p>Human and Financial Resources to Implement Safeguards Requirements</p> <p>9. The Borrower shall make available necessary budgetary and human resources to fully implement any EMP and any RP.</p>	Being complied	Safeguards
Schedule 5	10	<p>Safeguards – Related Provisions in Bidding Documents and Works Contracts</p> <p>The Borrower shall ensure that all bidding documents and contracts for Works contain provisions that require contractors to:</p> <p>(a) comply with the measures relevant to the contractor set forth in the IEEs, the EMPs, and RPs (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguards Monitoring Report</p> <p>(b) make available a budget for all such environmental and social measures;</p> <p>(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, and the RPs;</p> <p>(d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and</p> <p>(e) fully reinstate pathways, other local infrastructure, and agricultural land to at least their</p>	<p>Will be complied.</p> <p>Will be complied.</p> <p>Will be complied.</p> <p>Will be complied.</p> <p>Will be complied.</p>	Safeguards

Schedule	Para No.	Description	Status	Type
		pre-project condition upon the completion of construction.		
Schedule 5	11	<p>Safeguards Monitoring and Reporting</p> <p>The Borrower shall do the following:</p> <p>(a) submit semiannual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission;</p> <p>(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, and the RPs, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan in accordance with the SPS; and</p> <p>(c) report any actual or potential breach of compliance with the measures and requirements set forth in the EMPs and RPs promptly after becoming aware of the breach.</p>	<p>Will be complied.</p> <p>Will be complied.</p> <p>Will be complied.</p>	Safeguards
Schedule 5	12	<p>Prohibited List of Investments</p> <p>The Borrower shall ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.</p>	Will be complied.	Others
Schedule 5	13	<p>Labor Standards, Health and Safety</p> <p>The Borrower shall ensure that the core labor standards and its 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; (e) do not restrict the workers from developing a legally permissible means of expressing their grievances and protecting their rights regarding working conditions and terms of employment; 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</p>	Will be complied.	Social

Schedule	Para No.	Description	Status	Type
		surrounding the Project areas, particularly women. The Borrower shall strictly monitor compliance with the requirements set forth in this paragraph and provide ADB with regular reports.		
Schedule 5	14	<p>Gender Action Plan</p> <p>The Borrower shall ensure that (a) the GAP is implemented in accordance with its terms; (b) the bidding documents and contracts include relevant provisions for contractors to comply with the measures set forth in the GAP; (c) adequate resources are allocated for implementation of the GAP; (d) progress on implementation of the GAP, including progress toward achieving key gender outcome and output targets are regularly monitored and reported to ADB using ADB's template; and (e) key gender output targets are monitored regularly and achieved.</p>	Being complied	Social
Schedule 5	15	<p>Provincial Development Strategy</p> <p>The Borrower shall cause the Kampong Cham Provincial Authority, Kratie Provincial Authority and Stung Treng Provincial Authority and their implementing agencies to make use of the provincial development strategy in formulation of the respective 5-year provincial development plan, 2024–2028 and promoting regional economic integration and connectivity along the Mekong River.</p>	Being complied.	Economic
Schedule 5	16	<p>ICT for Public Management</p> <p>The Borrower shall facilitate necessary coordination among its Ministry of Post and Telecommunication, Ministry of Interior, and MPWT, to ensure that ICT for public management services developed in Kampong Cham, Kratie and Stung Treng provinces is successfully implemented and recognized as national pilot activities of the provincial authorities.</p>	Being complied; consultant engaged for this activity	Others
Schedule 5	17	Financial Sustainability and Operation and Maintenance Expenditure		Others

Schedule	Para No.	Description	Status	Type
		The Borrower shall cause the Project Executing Agency and the relevant implementing agency to (a) develop a financial sustainability road map (including tariff-setting and collection, public private partnership, budget allocation and other gap-filling measures) for operation and maintenance of the wastewater and solid waste components in each city by the mid-term review of the Project; and (b) set up an appropriate institutional framework or service unit, as applicable, such that the financial sustainability arrangement becomes effective prior to physical completion of the facilities.	Being complied; consultant engaged for this activity	
Schedule 5	18	Counterpart Support  The Borrower shall ensure that counterpart funds for the Project are available on time. In addition to the foregoing, the Borrower shall ensure that the Project Executing Agency has sufficient funds to finance any Works, Goods and Consulting Services contract.	Being complied	Others
Schedule 5	19	Governance and Anticorruption  The Borrower shall (a) comply with ADB's Anticorruption Policy (1998, as amended to date) and acknowledge that ADB reserves the right to investigate directly, or through its agents, any alleged corrupt, fraudulent, collusive or coercive practice relating to the Project; and (b) cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation.	Being complied	Others
Schedule 5	20	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 Project Executing Agency and all contractors, suppliers, consultants, and other service providers as they relate to the Project.	Being complied	Others
Article IV	4.01	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 to the ADB Loan Agreement.	Being complied	Others

Schedule	Para No.	Description	Status	Type
Article IV	4.02	Section 4.02. (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	Financials
Article IV	4.02	(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Being complied	Financials
Article IV	4.02	(c) The Borrower shall enable ADB, upon ADB's request, to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a)(iii) hereinabove, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree.	Being complied	Financials
Article IV	4.03	Section 4.03. The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Will be complied.	Financials
<b>GRANT 0592 -CAM (EF)</b>				

Schedule	Para No.	Description	Status	Type
Article IV	4.01	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 5 to the ADB Loan Agreement.	Being complied	Others
Article IV	4.02	Section 4.02. (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 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	Financials
Article IV	4.02	(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Being complied	Financials
Article IV	4.02	(c) The Recipient shall enable ADB, upon ADB's request, to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a)(iii) hereinabove, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree.	Being complied	Financials
Article IV	4.03	Section 4.03. The Recipient shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being complied	Others

Schedule	Para No.	Description	Status	Type
Article IV	4.04	Section 4.04. The Recipient acknowledges and agrees that this Grant Agreement is entered into by ADB, not in its individual capacity, but as trustee of the Republic of Korea e-Asia and Knowledge Partnership Fund. Accordingly, the Recipient agrees that (a) it may only withdraw Grant proceeds to the extent that ADB has received proceeds for the Grant from the Republic of Korea e-Asia and Knowledge Partnership Fund and such proceeds has not been suspended or cancelled in whole or in part by the Republic of Korea e-Asia and Knowledge Partnership Fund pursuant to the Cofinancing Agreement, and (b) that ADB does not assume any obligations or responsibilities of the Republic of Korea e-Asia and Knowledge Partnership Fund in respect of the Project or the Grant other than those set out in this Grant Agreement.	Being complied	Others
<b>GRANT 0593-CAM (SF)</b>				
Article IV	4.01	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 5 to the ADB Loan Agreement.	Being complied	Others
Article IV	4.02	Section 4.02. (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 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	Financials

Schedule	Para No.	Description	Status	Type
Article IV	4.02	(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Being complied	Financials
Article IV	4.02	(c) The Recipient shall enable ADB, upon ADB's request, to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a)(iii) hereinabove, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree.	Being complied	Financials
Article IV	4.03	Section 4.03. The Recipient shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Being complied	Others

### Annex I: Financial Management Action Plan

Risk description	Impact	likelihood	Overall Risk Assessment	Mitigation measures/ Responsibility	Timeline	Status/Next Steps
<b>Inherent Risk</b>						
The Standard Operating Procedure for externally financed projects in Cambodia (May 2012) stipulates that assets must be subject to careful asset management, but in practice there is no regular monitoring/ inventory. There is a risk of loss of asset due to poor maintenance.	High	Unlikely	Substantial	Update Fixed Asset Book every year during and after project implementation.	Throughout the project duration	Nothing bought in 2021, so the asset book prepared in 2020 is still valid.  The record and asset management is stated in the Financial Management (FMM) issued by MEF, RGC in Dec 2019
				Project will develop ICT-based public asset management and deploy them in three provinces with capacity development training.	Q4 2022 and Q4 2023 (related to the DMF milestone 2.4)	A consulting firm was recruited to support the development of ICT-based public asset management
				Train government staff in fixed asset management including linkage to asset preventive maintenance activities.	Q4 2022 and Q4 2023 (related to the DMF milestone 2.4)	The government staff were trained on the updated FMM (2019) including asset management in various groups by MEF in later 2019 and early 2020.
<b>Total Inherent Risk</b>			<b>Substantial</b>			
<b>Control Risk</b>						

<b>Risk description</b>	<b>Impact</b>	<b>likelihood</b>	<b>Overall Risk Assessment</b>	<b>Mitigation measures/ Responsibility</b>	<b>Timeline</b>	<b>Status/Next Steps</b>
Internal audit–Lack of internal audit system in the provincial governments/DPWTs	Low	Likely	Moderate	No transaction and fund flow of ADB loan and grant proceeds to the DPWTs/PIUs	Throughout the project	Confirmed that no fund of ADB has been transferred to DPWT/IPUS
Information systems– Improper record keeping or mistakes because of the excel-based financial management system in the provincial governments/DPWTs	Low	Likely	Moderate	PMU and PIUs will undertake regular backups of all financial, accounting and project related data and appropriate security measures over backed-up data shall be in place.	Throughout the project	PMU undertakes regular backups of all financial, accounting and project related data and appropriate security measures over backed-up data in external HD which is kept in the safe.
				MEF and MPWT/PMU ensure to engage the qualified audit company under the project	Q2 2020 (related to the DMF Project Management Activities)	Engaged a qualified audit company under the project
<b>Total Control Risk</b>			<b>Moderate</b>			
<b>Overall Risk</b>			<b>Moderate</b>			

## Annex J: Works Progress Pictures

Situation as of 30 June 2022

### Kampong Cham Wastewater and Drainage Subproject

- On 22<sup>nd</sup> June 2022: joined public consultation with GDR, PMU, PIU, and the provincial governor to provide technical support.



## Stung Treng Wastewater and Drainage Subproject

- On 23<sup>rd</sup> June 2022: joined meeting with the provincial governor, GDR, PMU, and PIU to provide technical support, before starting DMS around Stung Treng market.



## Kratie Solid Waste Management Subproject

- On 22<sup>nd</sup> June 2022: Progress meeting with PMU, PIU, PMC, and contractor at the landfill site.



- Landfill site overview





### Stung Treng Solid Waste Management Subproject

- On 24<sup>th</sup> June 2022: Inauguration ceremony with PMU, PIU, PMC, and contractor at the landfill site





- Landfill site grading works



