



KINGDOM OF CAMBODIA



Asian Development Bank

MOWRAM

Project management Unit

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)

Progress Works of CS5/MOWRAM Feasibility Study and Detail Engineering Design

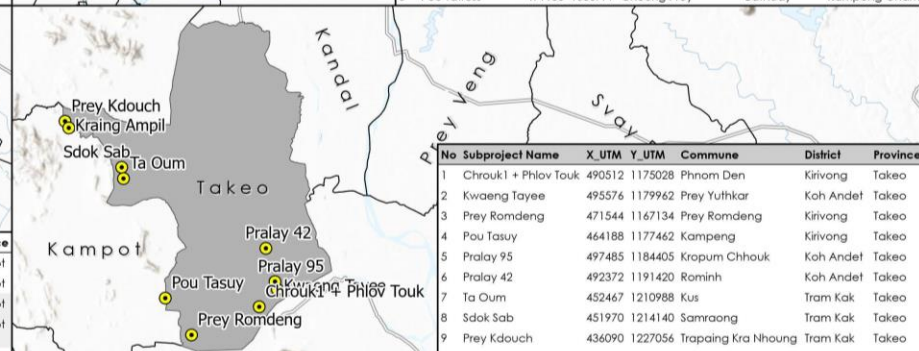
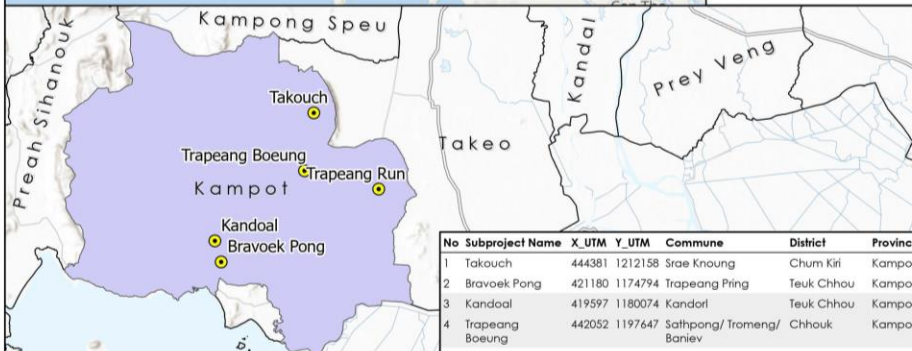
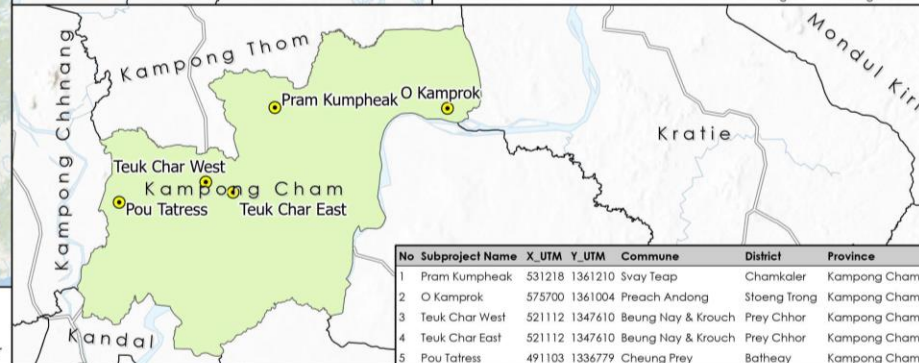
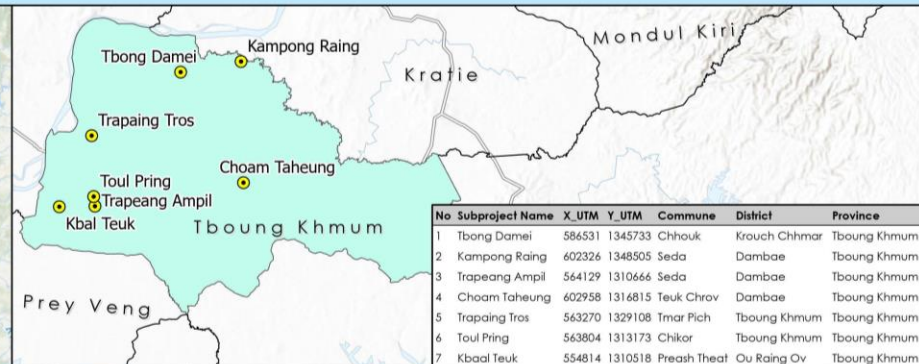
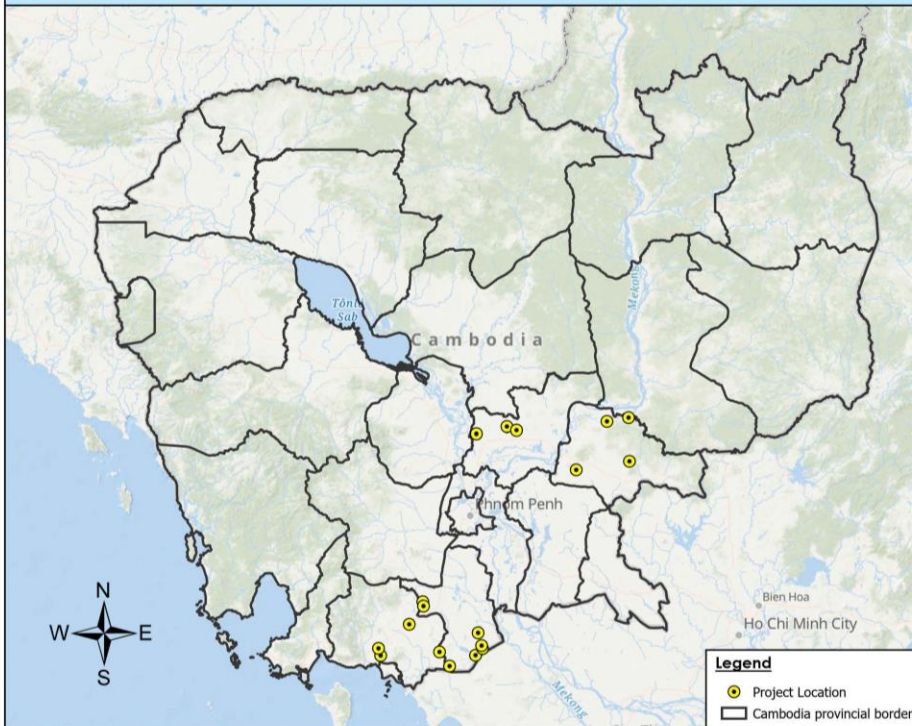
27 January 2023

The overall of 27 irrigation subprojects in MOWRAM

- Target: 27 irrigation subprojects located in 4 provinces as :
Kampot, Tboung Khmum, Kampong Cham and Takeo.
 1. Kampot = 05 irrigation subprojects
 2. Tboung Khmum = 07 irrigation subprojects
 3. Kampong Cham = 05 irrigation subprojects
 4. Takeo = 10 irrigation subprojects
- The 27 schemes divided into 3 Batch (**15,107 ha**)
 1. Batch I = 09 subprojects (3,250 ha)
 2. Batch II = 10 subprojects (7,095 ha)
 3. Batch III = 08 subprojects (4,762 ha)
- The detail of 27 irrigation subprojects progress works has described the next slides.

Location map of 27 irrigation subprojects

Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Irrigation Subproject All Four Provinces



09 Subprojects in Batch I

Progress of Irrigation Subprojects FS & DED, Gender (GAP), Environmental (IEE) and Safeguard in MOWRAM in January 2023

No.	Package Number	Subproject Name	Command area, ha	Workplan for FS & DED	Progress		Gender (GAP)	Environmental (IEE)	Safeguard		Remarks
					FS	DED	%	%	IP&IR	DDR	
Batch Number I											
1	KP-TR-CW2	Trapeang Run Reservoir Scheme	100	2019	100%	100%	100%	100%	100%	100%	Completed Implemented 100%
2	TBM-CW13.1	Kbal Teuk Reservoir Scheme	250	2020	100%	100%	100%	100%	100%	100%	Implemented
3		Tuol Pring Reservoir Scheme	100								Implemented
4		Trapeang Tros Reservoir Scheme	350								Waiting for compensation
5	KPC-CW14.1	Pram Kompheak Reservoir Scheme	950	2021	100%	100%	100%	100%	100%	100%	NOL from ADB on 18/01/2023).
6		O'kamprok Feeding Canal	350								
7	TKO-CW15.1	Prey Kdoch Reservoir Scheme	550	2021	100%	100%	100%	100%	100%	100%	Implemented
8		Kraing Empil Reservoir Scheme	200								Implemented
9	KPT-CW12-1	Takoch Reservoir Scheme	400	2021	100%	100%	100%	100%	100%	100%	NOL from ADB on 1st Dec 2022. The contract has signed and start implementation

Summary Result: 9 Subprojects in Batch I is completed in FSDD stage and in an implementation stage.

10 Subprojects in Batch II

Progress of Irrigation Subprojects FS & DED, Gender (GAP), Environmental (IEE) and Safeguard in MOWRAM in January 2023

No.	Package Number	Subproject Name	Command area, ha	Workplan for FS & DED	Progress		Gender (GAP)	Environmenta I (IEE)	Safeguard		Remarks
					FS	DED	%	%	IP&IR	DDR	
Batch Number II											
10	KPT-CW12.2B	Kandoal Feeding Canal	750	Mar-Apr 22	100%	100%	100%		100%	50%	The safeguard team ongoing to prepare DDR, upto December 2022 result is around 50% completed
11		Bravoek Pong Reservoir Scheme	70								
12	KPT-CW12.2A	Trapeang Boeung Reservoir Scheme	800	100%	100%	100%		100%	46%		
13	TBM-CW13.2	Tboung Damrei Reservoir Scheme	600	Jan-Mar 22	100%	100%	100%	100%	100%	90%	The safeguard team ongoing to prepare DDR, upto Jan. 23 result is around 90% completed
14		Kampong Raing Feeding Canal	350								
15	KPC-CW14.2	Teuk Char West Reservoir Scheme	980	Sept-Dec 22	100%	90%	100%	100%	0%	0%	
16		Po Tatress Reservoir Scheme	950								
17	TKO-CW15.2	Chrouk1 + Phlov Touk Feeding Canal	975	May-Jun 22	100%	90%	100%		100%	0%	Waiting on safeguard prepare DDE
18		Prey Romdeng Feeding Canal	650								
19		Kwaeng Tayee Feeding Canal	970								

Summary Result: 10 Subprojects in Batch II, FS & DED is completed, Gender is completed, IEE of 10 subprojects submitted to CS1 for reviewing and DDR in progress of 5 subprojects.

08 Subprojects in Batch III

Progress of Irrigation Subprojects FS & DED, Gender (GAP), Environmental (IEE) and Safeguard in MOWRAM in January 2023

No.	Package Number	Subproject Name	Command area, ha	Workplan for FS & DED	Progress		Gender (GAP)	Environmenta I (IEE)	Safeguard		Remarks
					FS	DED	%	%	IP&IR	DDR	
Batch Number III											
20	TBM-CW13.3	Trapeang Ampil Reservoir Scheme	200	Feb-Mar 23	80%	50%	70%	20%	0%	0%	FS+DED will completed in Feb 23, IEE will start in Feb 23.
21		Choam Taheung Reservoir Scheme	987								
22	KPC-CW14.3	Teuk Char East Reservoir Scheme	980	Jan-Feb 23	100%	70%	90%	20%	0%	0%	DED will completed in Feb 22, IEE will start in Feb 23
23	TKO-CW15.3	Pralay 95 Feeding Canal	850	Jul-Oct 22	100%	70%	100%	70%	100%	0%	The IEE will send to CS1 in February 2023.
24		Pralay 42 Feeding & pumping Station	650								
25	TKO-CW15.4	Ta Oum Reservoir Scheme	160	Apr-May 23	10%	0%	100%	20%	0%	0%	Will start Feasibility Study in February 2023
26		Sdok Sab Reservoir Scheme	300								
27		Pou Tasuy Reservoir Scheme	635								

Summary Result: 8 Subprojects in Batch III, the FS & DED are in progress, Gender will complete in the end of January 2023, IEE of 2 subprojects will submitted to CS1 in February 2023 and IEE of 6 subprojects are in progress and DDR of 8 subprojects are not yet started.

Summary progress of 27 irrigation Scheme

- Feasibility Study and detail engineer design
 - ✓ Completed 19/27
 - ✓ in progress 08/27 (50%)
- Gender Action Plan, Gender Mainstreaming and
 - ✓ Completed 25/27
 - ✓ in progress 02/27 (70%)
- Initial Environmental Examination (IEE)
 - ✓ Completed 09/27 (ADB – NOL)
 - ✓ Final Draft 10/27 (send to CS1 for review)
 - ✓ in progress 08/27 (30%)
- Due Diligence Report (DDR)
 - ✓ Completed 09/27 (ADB – NOL)
 - ✓ In progress 05/27 (60%)
- Bidding 14/27
- Sign contract 09/27

Workplan and Issues

- **Workplan:**

1. Expedite to complete FS & DED in 2nd quarter of 2023
2. Completed IEE of Batch II and Batch III
3. Continued the DDR remaining

- **Issues:**

1. Less input for national expert to complete FS & DED
2. Out Standing Issue of the Social Safeguards (DDR)
Preparation all ways behind the schedule, done so far 9/27 schemes (18 men-month received NOL 3 schemes only)

Thank You !