



AiD-EGC (JV)



Monthly Progress & Monitoring Report

AUGUST 2024

**KHYBER PAKHTUNKHWA IRRIGATED-AGRICULTURE
IMPROVEMENT PROJECT (KP-IAIP)**

Submitted by

**Associates in Development (Pvt) Ltd.
(Lead Partner)**

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Project Overview

The Khyber Pakhtunkhwa Irrigated Agriculture Improvement Project (KPIAIP) is a key government initiative aimed at enhancing the efficiency and sustainability of irrigated agriculture in Khyber Pakhtunkhwa. Spearheaded by the Director General of On-Farm Water Management (DG-OFWM), the project focuses on increasing agricultural productivity, particularly benefiting small-scale farmers, including those in the newly merged districts. Its main objectives are to address critical challenges such as outdated irrigation techniques, inefficient resource management, and low agricultural yields.

To ensure the project's success, the AiD-EGC JV consulting firm has been brought on board to provide oversight as consultants. The Monitoring and Evaluation Consultants (M&EC) play a vital role in tracking the project's progress and measuring the outcomes of its activities. This report outlines the progress made in August 2024 and summarizes the key activities undertaken by the M&EC. The monthly reports serve as an important tool for evaluating the overall advancement of the project and ensuring its alignment with the intended goals.


Achievements of the M&EC up to the Reporting Month

Following the submission of the final inception report, the team began executing project activities in line with the approved work plan. The field staff received comprehensive training to carry out their responsibilities effectively. Participatory data collection formats and plans were collaboratively developed with the Project Implementation Unit (PIU) to ensure accuracy and consistency across field operations. Prior to the start of fieldwork, district staff from the OFWM were briefed on the consultants' planned activities. With continuous technical support from the PIU, the M&EC successfully conducted their activities across the KPIAIP, completing tasks through strong collaboration with OFWM district offices. The team had made significant progress in several key areas:

- The project office in Peshawar was fully established and staff were deployed to their respective positions.
- Newly recruited team members received specialized training and orientations for their roles in execution.
- The final inception report was submitted on schedule, incorporating valuable feedback from the PIU.
- Data-gathering formats were digitized and finalized after gathering input from relevant stakeholders, improving data accuracy and ease of use.
- Data from completed schemes for the first two years of the project were thoroughly cleaned to facilitate accurate field operations. A total of 4828 schemes were sampled based on approved criteria, enabling the team to plan and carry out efficient data collection. The team successfully conducted monitoring visits to 580 sampled sites across 25 districts, assessing essential outcome indicators.
- Initial work on the MIS Dashboard was completed under the guidance of KPIAIP experts, laying the groundwork for effective data management.
- Data from the 3558 schemes completed during the third year (2022-2023) was cleaned and sampled to ensure accurate monitoring. Comprehensive field planning was conducted to monitor project progress and assess the impact of interventions. Monitoring visits were carried out at 990 sites across the Central, Northern, and Southern regions, covering completed schemes.
- A total of 1570 sub-component schemes across all regions of KPK have been visited by the M&EC team, marking a significant milestone.
- A total of 16 Monthly Progress and Monitoring Reports were submitted as deliverable to the PIU.
- 7 Quarterly Progress and Monitoring Reports have been delivered as per the project schedule.
- The MIS Dashboard was uploaded to the server for feedback after thorough input from experts.
- All anticipated deliverables were achieved with considerable support from the PIU, ensuring that project goals remained on track.

Progress Monitoring and Reporting

In August 2024, the M&EC made substantial progress, marked by key advancements in the data sampling process, important meetings with the PIU and preparations for upcoming field monitoring activities. One of the most significant achievements was the completion of the sampling exercise for the schemes finished by the end of 2023-2024 by the KPIAIP. This process involved collaboration between the M&EC and PIU experts, who precisely considered a total of 4976 completed schemes, including watercourse improvements under Component A and water storage tanks under Sub-component B2. From this pool, 900 schemes were selected. An additional 900 schemes from previous years completed schemes were also considered by the experts, resulting in a final sample of 1800 schemes. The M&EC will plan to cover at least 1260 schemes in the coming year for impact analysis and physical monitoring. The finalized list of sampled schemes was formally submitted to the PIU for approval, setting the stage for field operations, which are scheduled to begin in September 2024.




DIRECTORATE GENERAL ON FARM WATER MANAGEMENT KHYBER PAKHTUNKHWA

PROJECT IMPLEMENTATION UNIT

KHYBER PAKHTUNKHWA IRRIGATED AGRICULTURE IMPROVEMENT PROJECT

(WORLD BANK ASSISTED)



Physical Status (as of 31 August 2024)

S. No.	Activities/Interventions		Schemes Completed upto 30.06.2024	Current Financial Year (2024-25)					Total intervention Completed (since Inception)	Verification Status	
				AWP Target	WUAs Registered	Survey / Design Finalized	Civil Works Interventions				
							Initiated	In progress			Completed
1	Improvement of Community Irrigation	A1.1 Canal Command watercourses upto 50% (Nos)	453	365	516	491	79	56	23	476	462
		A1.2 Canal W/Cs Partially Improved 15% -> 50% (Nos)	1171	650	1216	945	201	138	63	1234	1233
		A1.3 Canal W/Cs Partially Improved 25% -> 50% (Nos)	145	108	202	182	73	55	18	163	163
		A2.1 Non-Canal (Civil canals) Large W/Cs => 3 cfs 50% (Nos)	200	314	243	158	41	23	18	218	197
		A2.2 Non-Canal (Civil canals) Large W/Cs => 3 cfs 15%->50% (Nos)	52	32	79	66	12	9	3	55	52
		A2.3 Non-Canal (Civil canals) Large W/Cs => 3 cfs 25%->50% (Nos)	8	2	32	21	0	0	0	8	8
		A3 Non-Canal Area W/C (PCPS) 50% (Nos)	1967	1065	2000	1457	517	374	144	2111	2051
		A4 Non Canal Area Pipe Schemes (Nos)	5945	3683	3825	3344	1079	779	301	6246	5959
	Sub total-A	9941	6250	8113	6664	2002	1434	570	10511	10125	
2	Promoting Innovative Technologies	B1: Installation of HEIS Systems (acres)	358.2	2500	-	768.64	0	0	-	358.2	0
		B2: Water Storage Tanks and Ponds (Nos)	3423	1900	2509	2249	462	374	88	3511	3352
		B3. Strengthening Precision Laser Leveling Service in Private Sector (Nos)	166	90	-	-	10	2	8	174	166
3	Training /Capacity Building	C-2 Refresher courses for OFWM Technical Staff (Professional/Sub Professionas (N0s)	1341	-	-	-	-	-	-	1341	-
		C-6 Training of Farmers/WUA members (Nos)	1600	-	-	-	-	-	-	1600	-
		C-9 Establishment of demonstration Sites	7	-	-	-	11	11	0	7	-

By the end of the month, the KPIAIP has made notable physical progress since its launch, as detailed in the table above. Several key initiatives have been successfully completed, including work across Watercourses (A1, A2, A3, and A4), Water Storage Tanks (B2), High Efficiency Irrigation Systems (HEIS) and the provision of Precision Laser Leveling (PLL) services. These results showcase the project's commitment to improving agricultural productivity and water management, setting a strong foundation for future developments in the province's irrigation infrastructure.

A key meeting involving the M&EC management (including JV partners) took place with the PIU on August 12, 2024. This meeting held significant importance, serving as an introduction to the new management team of the KPIAIP while also offering valuable technical guidance on the ongoing activities of the M&EC. A number of important issues were discussed, including impact monitoring, environmental compliance and the digitization of the KPIAIP data through the MIS system. The PIU



desired to have a revised work plan for the remaining period of the project, along with modified reporting formats that would improve the quality of periodic reports. These discussions were essential for ensuring that the KPIAIP progress is closely monitored and effectively reported moving forward.

The M&EC updated its data collection formats from the field in August, following valuable input from the Agricultural Economist, Dr. Sajidin Hussain, and the Environmental Expert, Mr. Zulqurnain. These updates were made to capture additional information that had previously been overlooked, including parameters on cropping intensity, environmental and social factors, tree cutting and integrated pest management. These enhanced data collection factors will provide the M&EC with a more comprehensive view of the project's impact, particularly in terms of agricultural productivity and sustainability.



Preparation for the September 2024 field monitoring activities after a break of two months was also a key focus during the current month. With the sampling process completed, a detailed work plan was developed for the field monitoring and impact assessment teams. This plan included visits to 220 schemes across nine districts, including Peshawar (25 schemes), Charsadda (16 schemes), Nowshera (20 schemes), Swat (33 schemes), Buner (7 schemes), D.I. Khan (40 schemes), Kohat (27 schemes), Karak (26 schemes) and Lakki Marwat (26 schemes). The staff coordinated closely with OFWM district offices to ensure smooth and efficient execution of these visits.

Key Challenges faced by the Team

1. The M&EC faced the challenge of delay in the sampling data for the completed schemes and getting approval of the PIU thereafter for field operations. This compelled to formulate revised schedule for the upcoming months for impact data collection.
2. Updating the data collection formats to incorporate new parameters, as agreed by PIU and M&EC experts, demanded additional coordination and time. However, the process was successfully completed and the digitized formats were effectively used during the current month. These updated formats will continued for impact assessments and field monitoring in the coming months too.
3. Coordinating with district offices and OFWM field staff for field activities posed challenges during the month, particularly with the need for additional field visits across multiple districts within a compressed timeline. Despite these difficulties, the team remained committed to the revised plans and successfully achieved the desired outcomes.

Next Month Activities of the M&EC

1. In September 2024, the M&EC will carry out field visits across nine districts based on a revised plan, as outlined in the table. The targeted districts include Peshawar, Charsadda, Nowshera, Swat, Buner, D.I. Khan, Kohat, Karak, and Lakki Marwat.

Field Monitoring and Data Collection Target for the Month of September 2024		
Region	District	No. of Schemes Planned for the Visit
Central	Charsadda	16
	Nowshera	20
	Peshawar	25
Northern	Buner	7
	Swat	33
Southern	Kohat	27
	Karak	26
	D I Khan	40
	Lakki Marwat	26
Total		220

2. The M&EC team will collaborate closely with OFWM district offices and the PIU to ensure seamless coordination and effective execution of the field visits.
3. Additionally, the team will continue to evaluate the updated data collection formats, integrating feedback from the visiting teams and farmers to facilitate a thorough analysis of the KPIAIP interventions.
4. The team will prepare and submit the monthly progress and monitoring report.

Annex I: Monthly Progress Review and Planning Meeting held in August 2024

M&EC Staff Meeting on Progress Review and Planning on August 29, 2024

Purpose	Monthly Progress Review and Planning
Location /site	AiD Project Office Peshawar
Dates	August 29, 2024
Time	12:00 Noon to 03:00 PM (Thursday)

Participants of the Meeting

1. Mr. Intisar Ahmed (M&E Specialist)
2. Dr. Sajid Hussain (Agri Expert) via WhatsApp
3. Mr. Amir Hadi (IT Expert) via WhatsApp
4. Mr. Zulqurnain (Environmental Expert) via WhatsApp
5. Mr. Mubarik Syed (Admin Assistant)
6. Mr. Umar Khan (HR and Admin)
7. Ms. Rakshanda Tayyab (M&E Assistant)
8. Ms. Sumayya Khan (Field Enumerator)
9. Mr. Iftikhar Bashir (Field Enumerator)
10. Mr. Abdul Fattah (Field Enumerator)
11. Mr. Rafiqullah (Field Enumerator)
12. Mr. Faheem Ullah (Field Enumerator)
13. Mr. Jawad Ahmed (Field Enumerator)
14. Mr. Waqar Younis (Field Enumerator)
15. Mr. Wajahat Ullah (Field Enumerator)
16. Mr. Umar Saeed (MIS Technician)
17. Mr. Sohrab Khan (Data Analyst)
18. Mr. Aammad Ahmed Khan (Data Analyst)

Agenda of the meeting

- Update on Sampling of the Completed schemes of KPIAIP completed till end year 2023-24
- Update on the August activities
- Work Planning for the month of September 2024
- Any other Issue

Detail of the meeting

The meeting started with the recitation of the Holy Quran by Mr. Abdul Fattah. Following this, the M&E specialist, extended a formal welcome to all staff including those joining via WhatsApp and emphasized the key agenda points.

The participants were informed that the long-awaited sampling exercise has been successfully conducted by the experts from M&EC and PIU. It was shared that a total of 4,972 completed schemes from the 2023-2024 period were considered for sampling. These included watercourse improvements under Component A and water storage tanks/ponds under Sub-component B2. From this data, 900 schemes were selected for sampling, along with an additional 900 schemes from previously completed projects. A complete list of the 1,800 sampled schemes, along with the sampling process, has been formally submitted to PIU for approval this month. The team is expected to commence field operations on these schemes in the coming month.

M&ES shared a summary of a highly productive meeting held at the PIU on 12 August 2024. The meeting served as an introduction to the new management and provided technical guidance on the ongoing activities

of M&EC. Key issues, including impact monitoring, environmental compliance, and the digitization of KPIAIP data through MIS, were thoroughly discussed. The M&EC was requested to submit a revised work plan for the remaining 17 months, as well as to adapt reporting to new formats. This meeting is expected to enhance the quality of periodic reports and make a strong contribution to effective project implementation.

During the meeting, the existing data collection formats used by M&EC were updated with valuable input from Dr. Sajidin (Agriculture Economist) and Mr. Zulqurnain (Environmental Expert). The necessary changes were made to capture additional information on cropping intensity, environmental and social parameters, and integrated pest management. These key areas were missing in assessing the impact previously.

A detailed review of the work plan for September 2024 was conducted, during which staff were informed that follow-up meetings with PIU experts would be held in the coming weeks to finalize the periodic reporting formats. The field team was instructed to submit their field visit targets for the upcoming month in coordination with OFWM staff. To make up for the time lost during the current quarter, it was agreed that additional sub-components will be covered in the months of September, October and November 2024. Following extensive input and coordination with district officials, a total of 220 site visits will be conducted across the nine districts as outlined in the table below.

Field Monitoring and Data Collection Target for the Month of September 2024		
Region	District	No. of Schemes Planned for the Visit
Central	Peshawar	25
	Charsadda	16
	Nowshera	20
Northern	Swat	33
	Buner	07
Southern	D I Khan	40
	Kohat	27
	Karak	26
	Lakki Marwat	26
Total		220

With no other issues to discuss, the meeting concluded with a note of thanks to all the participants.

