



IFRAP
Integrated
Flood Resilience &
Adaptation Project



Ministry of Planning
Development &
Special Initiatives



INTEGRATED FLOOD RESILIENCE & ADAPTATION PROJECT

Quarterly Progress Report (Q-3)

(January– March 2026)

COMPONENT-II

MONITORING & EVALUATION (M&E) CONSULTANT

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Glossary of Acronyms and Abbreviations

AWS	Automatic Weather Station
API	Application Programming Interface
AWP	Annual Work Plan
EAD	Economic Affairs Division
ESCP	Environmental and Social Commitment Plan
ESMF	Environmental and Social Management Framework
ESMP	Environmental and Social Management Plan
ESS	Environmental and Social Standard
FGDs	Focus Group Discussions
FPMU	Federal Project Management Unit
GIS	Geographic Information System
GoB	Government of Balochistan
GoP	Government of Pakistan
GRM	Grievance Redress Mechanism
HPC	High Performance Computing-system
IFRAP	Integrated Flood Resilience and Adaptation Project
IP	Implementing Partners
IR	Intermediate Results
IRIs	Intermediate Results Indicators
IVR	Interactive Voice Response
JV	Joint Venture
M&E	Monitoring and Evaluation
MHSP	Modernization of Hydromet Services of PMD in Pakistan
MIS	Management Information System
MoPD&SI	Ministry of Planning, Development and Special Initiatives
NDMA	National Disaster Management Authority
WSR	Weather Surveillance Radars
P&DD	Planning and Development Department
PAD	Project Appraisal Document
PDMA	Provincial Disaster Management Authority
PDO	Project Development Objective
PIU	Project Implementing Unit
PMD	Pakistan Meteorological Department
PMIS	Project Monitoring Information System
RBMEF	Results-Based M&E Framework
RMC	Regional Meteorological Centre
IMG	Institute of Metrology and Geophysics
WB	The World Bank

1. EXECUTIVE SUMMARY

1.1 Purpose and Scope of the Report

The progress Report of third Quarter presents the monitoring findings for Component-II (Strengthening Hydromet and Climate Services) of the Integrated Flood Resilience and Adaptation Project (IFRAP) for the period from January to March 2026. The report has been prepared by the Monitoring and Evaluation (M&E) Consultants to assess progress against planned activities, verify reported deliverables, and present key observations related to sub-components including Modernization of Observation Infrastructure, Provision of Technical Assistance and Capacity Building

IFRAP component-specific reporting approach has been adopted to enable more detailed analysis, better understanding; clear accountability, and improved tracking of implementation activities as the project is moving forward towards physical execution on ground.

1.2 Summary of Progress During the Reporting Period

The reporting period demonstrated steady progress towards implementation of project sub components. Advancements were driven by sequential technical reviews and procurement design activities. The primary areas of progress included conducting technical assessments, initiated on spot/field verification and validation of WMO compliant standards for AWS sites. Selection of DPD remained at the final stage.

PIU-II officials participated in the mid-term review of the project. A technical field mission was conducted during which on-site training was imparted to PIU-MHSP personnel on WMO compliant standards for AWS sites. Finalization of AWS sites along with signing of MoUs has been initiated for AWS sites by joint teams comprising officials of PMD, RMCs and PIU-II.

Specifications for Weather Surveillance Radars (WSR) were updated in the light of the meetings held with WB, EAD and PMD. It took substantial time and PIU-II did not receive NOL from WB. Therefore, it was decided in the 10th meeting of the Project Steering Committee held on 22nd January 2026 that alternate options of procurement of Radars may be considered from GoP's own funding.

Specifications and related procurement activities for High Performance Computing (HPC) systems and System Integrator (SI) continued with an option of securing services of WMO. Technical and Financial proposals are expected from WMO in early next quarter. Environmental and Social Management Plan (ESMP) was completed for submission to WB for necessary NOL. The progress remained at initial stage on Draft data policy, PMD Act Revision, 58 position case for sustainability of the project and Support to "Meta-Pak PMD". The capacity building activity were mainly focused on implementation of upcoming AWS installations under Component-II of IFRAP.

1.3 Key Constraints, Risks, and Forward Look

- Progress during the quarter continued with the complexity of designing high-tech equipment, the development of detailed specifications, and the requirement to navigate multiple layers of review to comply with World Bank processes. These factors resulted in extensions to several planned timelines.
- The delays encountered were linked to procedural requirements rather than reflecting any inherent capacity limitations within the project team.

- Several key risks were identified during the reporting period. The most critical among these was the absence of a dedicated tracking system for Component-II, which limited the project's ability to maintain clear visibility over critical design and procurement milestones.
- The monitoring of site availability with feasible conditions remained fragmented, raising concerns that, if unaddressed, these issues could hinder the smooth transition from finalization of preparatory activities to the procurement and installation phases for AWS.
- The absence of an MIS at PIU-II level hinders real-time updates on the PMIS/Dashboard, making it difficult to track project progress and indicators as required by Results-Based Monitoring and Evaluation Mechanism (RBMEM). Without timely, accessible data, effective monitoring and realistic timeline setting are compromised.
- To address identified gaps and delays, FPMU is advised to promptly coordinate with PIU-II to resolve the reporting gaps and speed up pending matters. This joint effort will align project milestones with PAD timelines, reduce the risk of cost escalation and improve the reliability of RBMEM outcomes.
- Looking ahead, the focus for the next quarter will continue finalizing verification and validation of WMO standards at all the 110 AWS sites spread in Balochistan (45), KP (25), Punjab (25) and Sindh (25) besides ensuring signing of Memorandums of Understanding (MoUs) with relevant counterpart departments to support administrative takeover
- Efforts will also be directed towards establishing robust milestone tracking mechanisms for Component-II and enhancing the monitoring of critical indicators. These steps are critical to facilitating the import and installation of AWS.

2. OVERVIEW OF REPORTING PERIOD

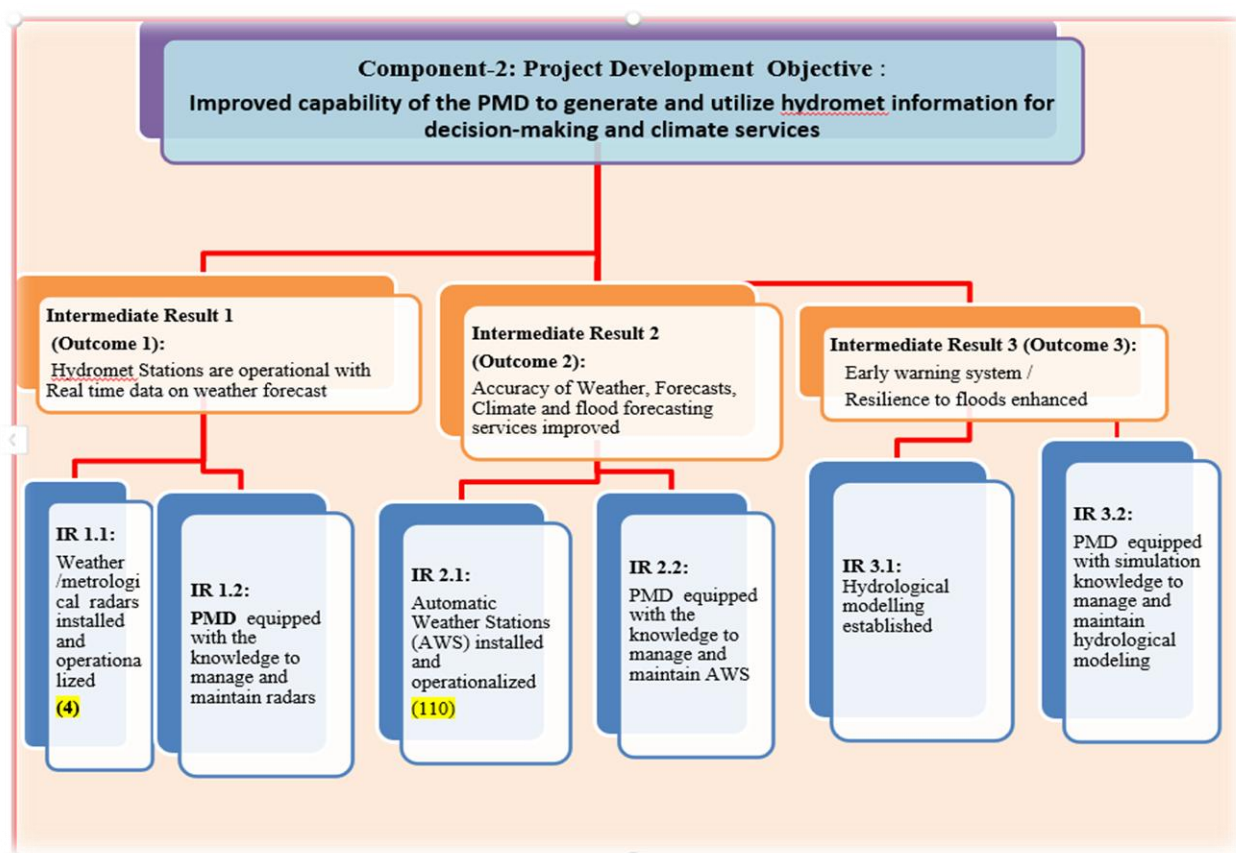
This Quarterly Progress Report covers the period from January to March 2026 and corresponds to the third quarter of Monitoring and Evaluation activities for Component-II (Strengthening Hydromet and Climate Services) for the Integrated Flood Resilience and Adaptation Project (IFRAP).

The reporting period primarily reflects the continuation of preparatory and design-stage activities under Component-II, with emphasis on technical assessments, sites identification, verification and confirmation, design development, procurement process related import documentation, and coordination with implementing entities. No physical field installation activities were initiated during the quarter. Accordingly, progress assessment focused on verification of deliverables, review status, and accomplishing indicators required to enable procurement and subsequent implementation.

2.1 Project Overview and Development Objectives

Component-II of IFRAP supports PMD capacity to generate and use hydrometeorological information for decision-making, particularly by expanding coverage in the western region, benefiting Balochistan as well as other parts of the country. Under restructuring, the financing from the Parent Project is maintained; however, due to significant cost escalations, the scope of AWS has been reduced from 300 to 110 units.

Since the field activities of installation and operations of equipment have not yet started, therefore quantitative progress under component-II cannot be mapped against the PDO and Intermediate Results Indicators (IRIs) defined in the Additional Financing & Restructuring Paper, 2025. Relevant IRs, IRIs outcome and PDO linkages are outlined in the following figure:



2.2 Data Sources, Coverage and Limitations

The findings presented in this report are based on verified information compiled from multiple sources, including the Annual Work Plan (AWP) provided by the FPMU, monthly progress reports prepared by PIU-II, and records of coordination meetings held during the reporting period.

During Q-3, a dedicated Management Information System (MIS) for Component-II was not operational. As a result, data consolidation and verification were carried out through manual and semi-automated processes, including document reviews, cross-verification with PIU records, and tracking of submission and review timelines. While the absence of an MIS affected data analysis efficiency, it did not limit the ability of the M&E team to verify reported progress for quarterly monitoring purposes.

Limitations affecting analytical depth during the reporting period included:

- Annual Work Plans lacking timeline 's actual dates of commencement and completion of activities, limiting month-wise or package-wise specific progress analysis.
- Activities under AWP (Q-3) are not consistent with the progress of subcomponents as reported in respective monthly progress reports. The status of current/ongoing activities under AWP with reasons for delays (if any) remained awaited which prevents analysis of delays and suggesting mitigation measures.
- Data integration with PMIS was not operational during reporting period as Component-II has not yet established MIS platform as a result, data consolidation remained manual and semi-automated, verified through document reviews and PIU-II records.
- Non- availability of minutes of 10th Steering committee meeting held during the reporting period
- Mid-term Review of IFRAP was conducted in Karachi. Non-availability of mid-term review report to M&E Consultants limits basis of monitoring of critical activities/issues identified and the way forward speculated during the review.
- Due to absence of dedicated MIS and M&E Staff at C-II, there exists gap in coordination with Procurement Section to monitor complex procurement process/activities of AWS, SWR and HPC.

Despite these limitations, the M&E function was able to validate Component-II progress through review of available documents, monthly progress reports, coordination meetings with PIU-II, FPMU and PMD.

3. M&E ACTIVITIES, PROGRESS & COORDINATION

3.1 M&E Activities During the Reporting Period

During the reporting period, Monitoring and Evaluation activities for Component-II focused on verifying progress against approved work plans, tracking the status of activities focused on the activities pertaining to Q-3 envisaged in following two packages:

PACKAGE-1: Modernization of the Observation Infrastructure, Data Management and Forecasting System which include:

- Site validation and screening of AWS. Mobilization advance for AWS Contractors.
- Radars procurement through PSDP funding.
- Procurement of HPC and System Integrator

PACKAGE -II: Provision of Technical Assistance, Institutional Strengthening, and Capacity Building which include:

- Supervision Consultants for Civil Works
- Procurement of Civil Works Contractors
- Capacity Building/Trainings

Key M&E activities included review of technical submissions, validation of submission and revision of timelines, assessment of delays and contributing factors, and documentation of risks affecting procurement and physical execution. Given that no field activities were initiated during the quarter, M&E efforts were concentrated on understanding operations of existing observatories and Radars.

3.2 PIU Coordination and Key Outcomes

Regular coordination was maintained among M&E Consultants and the Project Implementing Unit (PIU) responsible for Component-II throughout the reporting period. These interactions supported structured information exchange, monthly progress reports, clarification on deliverable status, and verification of progress reported for Modernization of the Observation Infrastructure, Data Management and Forecasting System and Provision of Technical Assistance, Institutional Strengthening, and Capacity Building sub-components.

Coordination and field visits during Q-3 focused on:

- Reviewing the status of ongoing activities and collection of information required.
- Discussing sequencing of technical reviews and approval processes.
- Identifying factors contributing to delays and revision cycles; and
- Agreeing on follow-up actions to support readiness for procurement and subsequent implementation stages.

During the reporting period of Quarter 3, M&E Consultants maintained close coordination and collaboration with Focal Person of PIU-II and held five coordination meetings (**Minutes of Meetings attached as Annex-I**). The main purpose of these meetings/visits was to be aware of the progress review/updates of procurement of AWS and Radars and be oriented about the operations and functioning of Hydromet stations/observatories already established and operational.

Key outcomes of coordination during the quarter included confirmation of completion status for selected deliverables, identification of documentation and review-related bottlenecks, and improved clarity on dependencies between sites finalization and procurement readiness.

3.3 Coordination Meetings and Field Visits

The agenda and key decisions /follow up actions of the meetings held during the reporting period are summarized below

1. 13th Coordination Meeting of M&E Consultants with Component-II:

Date: 6th January 2026

Venue: PIU - Component-II Office, Saidpur

Agenda:

- Progress Updates w/r to AWP: Q-2 - Component-II (October-December,2025)
- Visit to GRM Complaint Corner and Complaint Box

Key Decision /Follow up Action

Focal Person C-II will provide required information in the format provided by M&E Consultants soonest possible after consultation with Procurement Section of PIU--II

2. 14th Coordination Meeting of M&E Consultants with Component-II:

Date: 26th January 2026

Venue: PIU - Component-II Office, Saidpur

Agenda:

- Debriefing on the activities planned for the Quarter-3 (January to March, 2026)
- Progress updates/Follow up on the M&E Consultant's awaited information
- Clarification on a complaint of a vender under GRM

Key Decisions/Follow up Actions:

- (1) *PIU-II will provide pending /awaited information on the M&E Consultants format for progress of Q-2 activities provided earlier on 6 January 2026 based on AWP within 2-3 days*
- (2) *PIU-II will share their schedule of Site visits of AWS w/r to MoUs preparation/finalization The M&E Consultants may plan to conduct sample-based spot sites checks /FGDs accordingly*
- (3) *GRM case of a vender regarding SI stands inactive/closed until PIU-II receives a formal complaint through the defined communication media*
- (4) *QPR-2 prepared /finalized by PIU-II will be shared with M&E Consultants within 2-3 days . A follow up debriefing on PQR-2 will accordingly be planned in the next meeting to assess achievements of PDO and IRs in the light of revised PAD*

3. 15th Coordination Meeting of M&E Consultants with Component-II:

Date: 9th February 2026

Venue: PIU - Component-II Office, Saidpur

Agenda:

- Debriefing on mid-term review
- Updates on ongoing activities of PIU-II

- Follow up for pending data/information requested from PIU-II

Key Decisions/Follow up Actions:

- (1) *PIU-II will provide a copy of minutes of Steering Committee held on 02 February 2026 and month end (January 2026) status of PIU-II activities for information and necessary update.*
- (2) *The requisite Information requested from the procurement section in line with AWP to be expedited. It remains pending since more than a month.*
- (3) *PIU-II will facilitate M&E Consultants for the spot visits/FGDs as and when required. These FGDs may be coordinated during the forthcoming site visits schedule of the approved field visits program*

4. 16th Coordination Meeting of M&E Consultants with Component-II:

Date: 27th February 2026

Venue: PIU - Component-II Office, Saidpur

Agenda:

- Debriefing on AWS /Observatory Sites Screening
- Findings of the Field Visits to four locations in Khyber Pakhtunkhwa

Key Decisions/Follow up Action(s):

M&E Consultants plan to visit selected sites on sample basis (10 percent of 110 sites). Accordingly, FGDs/KIIs will be designed and conducted in collaboration with and support of PIU-II. The officials of PIU-II assured to help facilitate M&E Team in consultation with PMD/RMCs

5. 17th Coordination Meeting /Workshop on Tracking PDO Indicators

Date: 26th March 2026

Venue: IFRAP/M&E Consultants office Quetta

Agenda:

- Quarterly Workshop (Q. 01) – Tracking PDO and Intermediate Results Indicators

Key Decisions/Follow up Action(s):

1. *In the light of the workshop discussions and findings, M&E Consultants will revise/finalize QPR-01 Report and share with PIU-II within a weeks' time*
2. *M&E Consultants will conduct spot/validation visits of selected sites on sample basis (10 percent of 110 sites). The officials of PIU-II will share their visit program and will help facilitate M&E Team in conducting FGDs/KIIs*

4. RESULTS FRAMEWORK - COMPONENT-II (STATUS UPDATE)

The Results Framework for IFRAP provides the overarching structure for tracking progress toward the Project Development Objective (PDO) and component-level intermediate results. For Component-II (Strengthening Hydromet and Climate Services), the approved indicators primarily are related to Modernization of Observation Infrastructure and Provision of Technical assistance and Capacity Building.

During the reporting period, Component-II activities remained at the advanced preparatory and design stages. As such, no physical outputs or outcome-level results were realized against the Results Framework indicators. Progress during the quarter focused on preparatory actions required to operationalize the Results Framework, including preliminary assessments, design finalization processes, and verification along with screening of sites to ensure validation of WMO standards for AWS sites.

Accordingly, the status of Component-II indicators remains as “advanced preparatory phase”, consistent with sub-components’ accomplishments. Measurement of progress against PDO and intermediate indicators will commence once physical work begins and field-level implementation advances further.

The Results Framework indicators applicable to Component-II, as defined in the revised PAD and approved M&E Framework, will be tracked in subsequent quarters following installation and operations of equipment.

4.1 Project Development Objectives (PDO) Indicators

PDO Results Indicators

Indicator No.	Indicator Description	Unit of Measure	End Target	Q-3 Status (Jan-Mar 2026)	Remarks
PDO-2	People with enhanced resilience to climate risks	Number	1,800,000	0 Achievement (Preparatory phase)	Modernization of observation infrastructure, data management and forecasting interventions are not yet procured/installed
Sub-Indicator 02 a	Of Which Youth	Number	5,40,000	0 Achievement (Preparatory phase)	Beneficiary identification pending subject to physical implementation
Sub-Indicator 02 b	Of which women	Number	9,00,000	0 Achievement (Preparatory phase)	Determination of Gender-disaggregated figure to be determined once equipment is installed and system is operational

PDO-7	Increase in weather forecast lead time of PMD	Days	5	0 Achievement (Preparatory phase)	Modernization of observation infrastructure, data management and forecasting interventions are under preparation stage
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4.2 Intermediate Results Indicators

Indicator No.	Indicator Description	Unit of Measure	End Target	Q-3 Status (Jan–Mar 2026)	Remarks
IRI-12	Weather radars installed and operationalized	Number	4	0	Technical Specifications of Radars submitted earlier to the World Bank. NOL not received from the World Bank. Accordingly, the Steering Committee decided to initiate alternate process of procurement of Radars through GoP's funding.
IRI-13	Automatic Weather Stations (AWS) installed and operationalized	Number	110	0	After signing the contract on December 18 th , 2025, Site verification and validation of WMO standards started and completed for 4 sites in KP while supply of AWS is expected in the next quarters.
IRI-14	Hydrological modelling based early warning system established for hill torrents in Balochistan	Yes/No	Yes	No	Preparatory phase

5. COMPONENT- II PROGRESS & ANALYSIS

This section presents the monitoring assessment of progress under Component-II during the reporting period January to March 2026. The analysis covers both the major sub-components of modernization of Observation Infrastructure and Provision of Technical assistance.

5.1 Synthesis of Monthly Progress Reports of Q-3

During Q-3, activities largely remained at advanced preparatory and design stages, with no physical work initiated. Progress is therefore assessed in terms of completion, review status, and completion of key deliverables required to enable procurement and subsequent installation. PIU-II has

highlighted that the indecisiveness regarding the remapping of PMD hindered the progress of project, primarily owing to the World Bank's non-responsiveness. In line with Additional financing and restructuring of 2025, the project completion in December 2028, baseline Vs completion target IRIs remain valid during this quarter.

Month wise Physical progress (in percent) of various sub-components under Component-II during quarter 3 (January to March 2026) given in the Monthly Progress Reports prepared by PIU-II and submitted to EAD (Table 5.1) (table 5.1)are generic and a bit confusing rather misleading.

PIU-II in its monthly progress report of March 2026 indicated 45 percent progress

against AWS . Relevant parameters and scales are missing. To better understand realistically actual progress on the ground, it would be more realistic and clearer with to split subcomponent into relevant major tasks under each sub component as summarized below :

Sub-Component	Progress Update	Progress Jan (%)	Progress Feb (%)	Progress Mar (%)
AWS	Planned and started Site validation and screening of 110 AWS in all the provinces	40	45	45
Radars	Decided in Steering Committee that Radars will be procured through PSDP funding	15	15	15
Radar Design and Supervision Consultant	Linked with radar procurement	15	15	15
High Performance Computing (HPC)	WMO has been requested to provide support on System Integrator, HPC, Soft Components	10	10	10
System Integrator	WMO has been requested to provide support on System Integrator, HPC, Soft Components	20	20	20
Civil Works Consultancy	Firm is onboarded and working on agreed assignments since March 2025	100	100	100
IMG and Met Observatories	Bidding documents submitted; NOL awaited from World Bank	15	15	15
Software for Flood forecasting	Training schedule under process	10	10	10
Support to Meteo-Pak PMD	RFQ prepared for upgradation of digital platforms and procurement of equipment for media cells	10	10	10
PMD Act	Draft is under revision	20	20	20
Draft Data Policy	In process at initial stage	10	10	10
58 positions for Sustainability	Revised case under process in MoD	15	15	15
ESMP for Radars	Completed being submitted to WB for NOL	90	90	90

Sub-Component	Major Activities/Tasks	Accumulative Progress (%)	M&E Interpretation Remarks
1. AWS	1.1 Identification of location of AWS sites	100 %	As per PIU-II reports all the 110 sites (KP 25; Punjab 15;

Sub-Component	Major Activities/Tasks	Accumulative Progress (%)	M&E Interpretation Remarks
			Sindh 15 and Balochistan 45) have been identified
	1.2 Training imparted on validation of WMO standards for Site Screening	100 %	Training conducted on 19th February, 2026. Details on debriefing on AWS/Observatory Sites Screening is given in 16th Meeting of M&E Consultants (attached)
	1.3 Site Screening visits conducted by joint teams of PIU-II, PMD//RMC conducted at Sites (target 25 in KP)	16 %	Four AWS sites were visited by Joint teams at Kohat, Mardan, Charsadda and Peshawa. Android based Online survey (following WMO protocol) was conducted
	1.4 MoUs prepared and signed with counterpart organizations who provided land for installation of AWS	0	In the AWP (2025-26), this activity is not mentioned.
	1.5 Fencing completed at the premises and completed civil works at AWS Sites	0	Civil Works Firm is on board. Fencing has not been done at any of the Sites visited/screened
	1.6 Advance payments to Suppliers		Contract was signed with Suppliers on 18th December, One installment as per schedule was paid to Supplier
	1.7 Factory Acceptance Test	0	AWP lack this task which is very important and prerequisites of supplies. PIU-II has to conduct overseas visit at Contract award Suppliers Premises in Europe.
2 . Radars	Decided in 10th Steering Committee that Radars will be procured through PSDP funding		
Radar Design and Supervision Consultant	Linked with radar procurement policy and action plan		
3. High Performance Computing (HPC)	WMO has been requested to provide support on System Integrator, HPC, Soft Components		
4. System Integrator	WMO has also been requested to provide support on System Integrator, HPC, Soft Components		
5. Civil Works Consultancy	Firm is onboarded and working on agreed assignments since March 2025		

Sub-Component	Major Activities/Tasks	Accumulative Progress (%)	M&E Interpretation Remarks
6. IMG and Met Observatories	Bidding documents submitted; NOL awaited from World Bank		
7. Software for Flood forecasting	Training schedule under process		
8. Support to Meteo-Pak PMD	RFQ prepared for upgradation of digital platforms and procurement of equipment for media cells		
9. PMD Act	Draft is under revision		
10. Draft Data Policy	In process at initial stage		
11. 58 positions for Sustainability	Revised case under process in MoD		
12. ESMP for Radars	Environment and Social Management Framework (ESMF), Stakeholder Engagement Plan (SEP), Labor Management Plan (LMP), and Environment and Social Commitment Plan (ESAP) completed and being submitted to WB for NOL		

PIU-II Reporting of above progress of subcomponent is not in consistent with the work plan (2025-26) as illustrated in the next section 5.2

5.2 Activities of Quarter-3 As per AWP (2025-26) :

M&E Consultants extracted the activities of Quarter 3 of Component-II (Strengthening Hydromet and Climate Services) from AWP (2025-26). M&E Consultants has limitation in undertaking a systematic approach for delays analysis as the required information of actual dates of commencement/completion are not available at PIU-II. The updates on Q_3 activities (as per AWP) are summarized below:

Activities of Quarter 03 (Jan-Mar 2026) As per AWP

S. No.	Activity	Planned Commencement Date	Planned Completion Date	Actual Completion Date	Current Status / Reason of Delays if any
PACKAGE I: MODERNIZATION OF OBSERVATION INFRASTRUCTURE, DATA MANAGEMENT AND FORECASTING SYSTEM					
1.1	Hiring of independent Panel of Experts				Completed
1.2	Flood Forecasting (RADARS)				
w.	Submission of Performance Guarantee and advance payment guarantee	11-Dec-25	08-Jan-26		Discussions held with PIU-II team on 9th April, 2026 reveals that as per 10th Project Steering Committee meeting, RADARS will be procured by GoP's own funding through PSDP
x.	Signing of Contract Agreement	09-Jan-26	16-Jan-26		
v.	Mobilization Advance Payment and	17-Jan-26	14-Feb-26		

S. No.	Activity	Planned Commencement Date	Planned Completion Date	Actual Completion Date	Current Status / Reason of Delays if any
	ongoing payments				
z.	Commencement of Works	15-Feb-26	22-Feb-26		
1.3	Supervision consultants for Radars Linked with Radars procurement				
1.4	Procurement and Installation of AWS				
V	Supply of AWS under Phase1 Plan (Lots I &II)	01-Jul-25	31- Dec-25	DELAYED	
W	Supply of AWS under Phase1 Plan (Lots I &II)	01-Jul-25	01-Apr-26		
X	Supply of AWS under Phase1 Plan (Lots I &II)	01-Jul-25	01-Jul-26		
1.5	Procurement of HPC				
I	Submission / Opening of Bids	06-Dec-25	19-Jan-26		IU-II has requested WMO to provide support on System Integrator, HPC, Soft Components and arrangements of additional funds
j.	Evaluation of Technical Bid	06-Dec-25	19-Jan-26		
k.	NOL from WB on TBER	20-Jan-26	08-Feb-26		
l.	Notification of Technical Bids	09-Feb-26	18-Feb-26		
m.	Opening of Financial Bids	19-Feb-26	21-Feb-26		
n.	Evaluation of Financial Bids & Combined Scoring	22-Feb-26	10-Mar-26		
1.6	Enhancement of PMD Service Delivery				
A	Creation of NFCS for DSS	1-Jul-25	3-Jun-26		
B	Development of Business Model	15-Mar-25	30-Jun-28		
C	Awareness Workshops	15-Mar-25	30-Jun-28		
D	Impact Based Forecasting	10-Mar-25	30-Jun-28		
E	Establishment of Weather Video Studios	1-Jul-26	30-Jun-27		
F	Baseline Survey	1-Jan-25	31-Mar-25		
q.	Implementation Period	11-Mar-26	25-Mar-26		
2.2	Procurement of Civil Works Contractor				
n.	Mobilization Advance Payment and	27-Mar-25	17-Mar-26		On board

S. No.	Activity	Planned Commencement Date	Planned Completion Date	Actual Completion Date	Current Status / Reason of Delays if any
	ongoing payments				

5.3 M&E Framework:

As per revised M&E Framework (December 2025), the number of AWS has been rationalized from 300 to 110 and 'flood risk' indicator was retitled 'people with enhanced resilience to climate risks, disaggregated by youth and women. Following rigorous discussions among the World Bank, Planning Commission, Economic Affairs Division (EAD), and the Ministry of Defense (MoD), the Project Steering Committee in it's recent meeting decided to reallocate the amount of USD 18 million, originally earmarked for radars, to the Youth Skill Development component of the IFRAP project. Accordingly, another revision of M&E Framework may likely occur in the forthcoming quarter.

5.4 Project Monitoring Information System:

The Project Monitoring Information System (PMIS) was prepared and made live during Last Quarter. PMIS is accessible to FPMU and authorized users. Visualization of Dashboard of PMIS was tested initially using dummy datasets. However, integration (live) of Component-II remains pending because Component-II currently lack its MIS. As per information provided by PIU-II in a coordination meeting, there exists no provision in the project document for the development of MIS at PIU-II level.

Essentially, PMIS integration requires tracking of activities consistent with timeline/milestones and workplan of respective components. Despite repeated follow-up in coordination meetings, the prerequisite information for development / integration of PMIS such as activities plan with actual start /end dates remained unavailable to M&E Consultants during the second quarter.

5.5 Memorandum of Understanding:

In order to collaborate in the installation and operation of Automatic Weather Stations (AWSs) at identified locations across Pakistan, PMD signed MoUs with the owners of the land including academia, government departments and others to provide an open area measuring 40'x40' feet (open space) to PMD for installation of Automatic Weather Station (AWS) for monitoring and recording of meteorological parameters, use to predict timely weather forecast and early weather warnings in the region. Security of the site and installed equipment was ensured in MoUs. This collaboration aims to enhance real-time weather monitoring, early warning capabilities, and Agro-meteorological services for the benefit of local communities, government agencies, and development partners.

5.6 PMIS Dashboard

In the absence of MIS at PIU-II, and to help facilitate integration into PMIS, M&E Consultants developed an Excel data sheet listing all major activities under C-II which requires to be updated quarter-wise inserting start date/ planned commencement date, actual completion date and status of activities.

M&E Consultants developed a **Dashboard** which is functional with all major activities of IFRAP components display with component-wise targets, current activities and progress updates (quarter

wise). M&E Consultants facilitated Excel to Web sheet progress of activities of Component-II displayed on Dashboard which is accessible to the authorized users

To monitor and track progress, M&E Consultants developed an excel data sheet for component-II envisaging start, end dates of major activities with description and periodical milestones of progress achieved. However, PIU-II provided partial information and by and large actual date of completion is missing. The missing information on planned end date and actual end date is a major limitation for M&E Consultant's review/analysis.

5.7 Citizen Engagement and GRM

During this quarter, Grievance Redressal Mechanism (GRM) achieved its milestone with persistent and consistent follow-up and facilitation of communication means. GRM at PIU-II is monitored regularly by GRM Associate appointed and deployed by M&E Consultants based in its Islamabad Office. Since field activities have not yet started, there have been no complaint(s) during this quarter.

All the approved complaint intake channels including email (complaint@ifrap.org.pk), mobile SIM card for PIU-II (0325-5373330) and WhatsApp, and complaint box is fully functional. However, Toll Free number is still to be provided by PIU-II.

The complaint-logging integration with PMIS is subject to commencement of field activities and availability of MIS at PIU-II.

5.8 Regular Monitoring and Spot Checks

The M&E consultant's role begins with technical validation and continues through periodic monitoring of system performance using the Hydromet Station Functionality Form which has been developed by M&E Consultants which captures quantitative operational metrics at defined intervals, allowing longitudinal analysis within the PMIS. This approach adopted by M&E Consultants is consistent with World Bank's good practice guidance for infrastructure and system-strengthening projects, wherein baseline conditions for technical systems are established through engineering and operational audits rather than population-based surveys. It ensures methodological rigor, cost-effectiveness, and full alignment with IFRAP's results-based monitoring framework.

5.9 Annual Work plan:

The Annual Work Plan (2025-26) provided by FPMU in December 2025, includes planned commencement date/actual date with financial implications of each activity. This is benchmark information which enables M&E Consultants to track activities and identify delays with qualitative and quantitative analytical Lense suggesting timely rectification and mitigation measures.

M&E Consultants extracted/compiled activities from AWP which were planned to be commenced /completed during this quarter. A format was developed and shared with PIU-II in a meeting held on 8th April, 2026 for collection of necessary missing data required to help facilitate realistic analysis of progress and performance against each planned activity for Q-3. Response from PIU-II remains awaited from its Procurement Section.

5.10 Analysis of Delays and Contributing Factors:

Analysis of Delays:

- **Contract for AWS** was signed on 18th December 2025 whereas as per AWP 2005-26, the award of contract was scheduled in July 2025. Accordingly, delays exceed six months in the procurement cycle of AWS.
- Similarly, the supply of AWS under Phase1 Plan (Lots I &II) was scheduled to be completed during July 2025 to June 2026. The ongoing contract signed provides tentative delivery during the second half of the year 2026 for AWS and Agromet Sensors.
- Mobilization advance planned in June 2025 was also delayed until this Quarter ending March 2026.
- Technical Specifications for WSRs were submitted on 15th December 2025 with necessary revisions as required by Economic Affairs Division (EAD) and the World Bank (WB). Approval of NOL prolonged from WB. Ultimately, the Steering Committee of the project decided to procure Radars from GoP funding which will again undergo a lengthy process of approval and execution of PC-1.

5.11 Key Gaps Identified and Implications if Unaddressed:

- **Absence of Component-II MIS:**

There is no dedicated MIS for tracking Component-II activities. As a result, design progress, procurement status, contract milestones, and site readiness are not centrally visible to FPMU or the M&E team.

- **Weak Tracking of Design and Procurement Milestones:**

There is no consolidated milestone mechanism covering feasibility, design approval, procurement stages, contract award, or mobilization. This limits early detection of delays and makes schedule risk reactive rather than preventive.

- **Lack of Linkage Between Gaps and Implementation Risk:**

While gaps are mentioned, they are not linked to likely impacts on timelines, costs, or sequencing, which reduces their usefulness for management decision-making.

- **Lack of Linkage of Monthly progress with AWP:**

While percentage of progress of sub-components are given in the monthly progress reports of Q-3, gaps are observed in linking the progress with AWP's commencement /end dates of respective activities specified in AWP 2025-26

Implications if Unaddressed

If the gaps persist as Component-II moves into physical execution, there are likely the following risks:

- Delays in procurement and mobilization may suffer smooth execution of project timeline.
- Physical progress may further be delayed due to unresolved site screening issues.
- The AWS site verification and validation of WMO standards started in this quarter if not completed during early next quarter may cause delay in supply, installation and operation of AWS nationwide
- In the absence of MIS at PIU-II level, PMIS will remain a reporting repository rather than a management tool.

- FPMU will have limited early-warning visibility on schedule and coordination risks.

5.12 Process Monitoring Observations:

Activities/ Sub-components	Milestone	Status	M&E Interpretation
AWS	• Site verification and validation adhering to WMO standards	• Formed teams of relevant stakeholders • Prepared schedule of visits of AWS • Field visits Completed for 4 sites in KP	M&E Consultants to verify and validate site readiness. on sample (10 percent) basis
Sub-components at initial stage	• HPC, Software for flood forecasting, Support to Meteo-Pak and Draft Data policy	• Physical Progress achieved is inadequate on the lower end	Expedite activities for which progress remained stagnant during the reporting period of three months of January, February and March
AWS procurement	• Execution of contract signed on 18th December 2025 ensuring supply in the second half of this year	• In process with additional activities of site screening and Factory Acceptability Test (FAT)	Dependent on efficient implementation of signed contract and sites screening as per WMO standards
Radars	• Specifications and Bidding documents submitted to the World Bank	• NOL delayed substantially by WB • Steering Committee decided to initiate alternate sources of funding for Radars	Expedite alternate procurement process through PSDP
GRM validation	Infrastructure operational	• Visible with Banner displayed and Complaint Box placed at PIU-II.	Work at field level not yet started Awareness to be raised among stakeholders about GRM

Activities/ Sub-components	Milestone	Status	M&E Interpretation
		No complaints received during the quarter	

5.12 Consolidated risk and impact matrix – component-II

The consolidated risk and impact matrix for Component-II highlights critical gaps in monitoring systems, milestone tracking, and site readiness oversight that constrain effective implementation management. Absence of a dedicated Component-II MIS and structured milestone mechanism has limited visibility on progress and increased the risk of unanticipated schedule slippages. Weak linkage between identified issues, their impacts, and corrective actions in periodic reporting further reduces the decision-support value of QPRs.

To mitigate these risks, targeted corrective actions focusing on interim tracking tools, milestone management, site readiness verification, and strengthened issue-action reporting frameworks are planned for phased implementation from Q4 onward, ensuring improved accountability, proactive risk management, and enhanced management oversight.

The M&E Consultants maintain a live, evidence-based Risk Register aligned with the World Bank's Environmental & Social Framework (ESF) and the IFRAP Results Framework.

This section summarizes risk categories tracked through process monitoring, defines their current rating, and specifies mitigation actions with accountable entities.

Updated Risk Matrix

No.	Risk Category	Description / Root Cause	Current Rating*	M&E Evidence Source	Mitigation Actions & Responsible Entity
1	Implementation Delays (C-II)	- Substantial time taken by WB in issuing required NOL limits PIU-II to proceed further. - Procurement Section of C-II has not given due attention to analyze/identify and highlight causes of delays as communicated by M&E Consultants in the last two quarters	High	PIU-II monthly progress reports, Coordination meetings of M&E Consultants with PIU-II	- Prioritize critical activities which cause delays in implementation. - Provided access to required information from procurement section in the absence of dedicated M&E expert in PIU-II Resp.: PIU-2 (Procurement section) with assistance of

No.	Risk Category	Description / Root Cause	Current Rating*	M&E Evidence Source	Mitigation Actions & Responsible Entity
					M&E Consultants.
2	Data Integration Failure	Missing MIS for C-2 and unavailability of API	High	PMIS review Debriefings; M&E notes	• Move forward towards MIS which is missing and replace temporary Excel-to-web bridge for C-2 . Resp.: PIU-2 + M&E Consultants
3	AWS Site verification and screening with WMO standards followed by finalizing of MoUs	Additional activities to be accomplished which are not reflected in AWP for preparing/ finalizing MoUs /administrative takeovers and verification and validation of WMO standards activit	Substantial	Coordination meetings; Visits schedule of 110 AWS sites by joint teams	• Ensure timely completion of screening for AWS sites • Ensure verification through field/spot visits must be completed early next quarter 4.
4	Execution of AWS contracts	Delayed in scheduled payments . One out of two Advance /mobilization payments to AWS Contractors was paid	Substantial	Monthly progress report	• Adhere to AWP and ensure timely payments enabling supply of AWS in Q4 onwards per AWS signed contracts Resp.: PMD,FPMU, PIU-II.
5	Institutional Capacity	Delayed hiring of Dy Project Director and 58 positions for sustainability	Moderate	Coordination meeting of M&E Consultants with PIU-II; Monthly progress reports	•Accelerate recruitment process /approvals. • Expedite processing of PC-1 Resp.: PMD, FPMU, PIU-II
6	Contractual Dependencies (C-2)	Multi-layered WB clearances/NOL for radar contracts	Substantial	PIU-II meeting records : Steering Committee	• Maintain Procurement Risk Register linked to PMIS.

No.	Risk Category	Description / Root Cause	Current Rating*	M&E Evidence Source	Mitigation Actions & Responsible Entity
		impact schedule alignment.		Meeting held on 22 Jan 2026	Flag lead-time variance > 30 days for WB action. Resp.: PIU-II + M&E Consultants.

* Risk Rating Scale: Low / Moderate / Substantial / High as per World Bank Operational Guidelines.

5.13 Component-II Corrective Action Matrix:

Issue	Impact on Implementation	Responsible Entity	Corrective Action	Timeline
Lack of MIS for Component-II	Limited visibility on progress to stakeholders	PIU Component-II with FPMU	Develop interim Component-II tracking module or structured milestone tracker compatible with PMIS	Q4
No design and procurement milestone mechanism	Risk of undetected schedule slippage	PIU Component-II	Establish and maintain a milestone tracking covering design, procurement, and mobilization	Q4
Delayed screening of Sites , MoUs and FAT	Supply of AWS, Installation and operations delays	PIU Component-II with line departments/ Academia Follow up MoUs	Introduce site readiness checklist and verification prior to procurement and mobilization. Accomplish verification and validation of WMO protocols at all the 110 sites of AWS	Q4
Annual Work Plan (2026-27)	Allows progress reviews and critical analysis on achievements /progress stipulated with time frame	PIU Component-II with FPMU	Taking into account the experience of ongoing AWP, prepare a realistic AWP for the year 2026-27 and make it available at the start of next financial year in July 2026	Q4
Gaps not linked to actions in reporting	Limited decision value of QPRs	M&E Consultants	Integrate issue, impact, and action format in Component-II reporting	Q4 onward

6. CORRECTIVE ACTION PLAN FOR THE NEXT QUARTER (APR – JUN 2026)

Based on monitoring findings during the third quarter, corrective actions for the next reporting period (April-June) will focus on strengthening implementation readiness under Component-II and addressing risks identified in relation to sites finalization, soft components, DPD appointment/Joining and 58 position/sustainability, civil works, milestone tracking, and related activities.

Key corrective actions to be monitored during the next quarter include:

- **Expedite and Complete Sites verification and validation of WMO standards:**

Out of 110 only four AWS sites were visited during the reporting period. There is a need to expedite field visits so that all the sites are readily available in all respects enabling supply of AWS as per signed contract in the second half of this year.

- **Expedite and Complete ongoing / pending matters:**

Additional Funding case and consequent revision of PC-1, Tax exemption case, appointment of new Dy Project Director, Specifications to be developed by relevant expert to start procurement of HPC/System Integrator and institutional development plan

- **Establishment of a Component-II milestone tracking mechanism:**

Support PIU-Component-II in operationalizing a consolidated milestone mechanism covering design, approvals, procurement readiness, and mobilization indicators. M&E Consultants extracted activities for the quarter from AWP. Fill up the actual commencement and completion dates of the activities identifying gaps and provide reasons of delays.

- **Updating and alignment of implementation timelines:**

Review and update planned timelines for Component-II deliverables. Update progress achieved to date and aligned revised timelines with procurement sequencing. It will help facilitate anticipated commencement of physical works for improved tracking during the next quarter.

Progress against these actions, including adherence to updated timelines, will be reviewed through routine coordination with the PIU, document verification, FGDs, monthly progress reports, field visits where possible, and milestone tracking as part of the Q-4 monitoring cycle.

ANNEXURES

ANNEX-I MINUTES OF MEETINGS

Minutes of 13th Meeting of M&E Consultants (IFRAP) with PIU-II

1

Date: January 06,2026

Venue: PIU-Component II office Saidpur Islamabad

Participants:

1. Mr. Basharat Khan, SSS/ M&E Specialist
2. Muhammad Faizan Afzal APM
3. Dr Shabbir Hussain, Sr M&E Officer, M&E Consultants, Islamabad
4. Muhammad Amjad Shakeel, GRM Associate, M&E Consultants

Agenda:

- Progress Updates w/r to AWP : Q-2 - Component-II (October-December,2025)
- Visit of GRM Complaint Corner and Complaint Box

Proceedings:

On the request of M&E Consultants, a meeting was held with the Focal Contact of PIU- Component – II on 06 January 2026 at 14: 30 pm . The main agenda item of the meeting was debriefing on the progress update and further data collection on the progress attained during the quarter-2 ending December 2025. Summary of discussions and findings are summarized below:

M&E Team shared a format for data collection which was prepared based on the activities extracted and compiled from **Annual Work Plan 2025-26** with schedule of activities with planned dates for commencement and completion during the second quarter of the year 2025-26 ending December, 2025 Major activities as per AWP are grouped into two packages :

- (i) Package I: Modernization of observation infrastructure, data management and forecasting system which includes: procurement of RADARS, AWS and HPC and System Integrator***
- (ii) Package-II: Provision of technical assistance, institutional strengthening and capacity building which include: Procurement of Civil Works Contractor(s) and Capacity Building, Trainings***

M&E Consultants team discussed certain activities and provided a format (2 pages) to the Focal Contacts of PIU-II who assured to provide required information of actual dates of completion of activities planned for Q-2 , current status of activities and reasons of delays if any.

Some information related to C-II available on PMIS regarding progress achieved was also discussed. PIU- II. The Focal Persons informed that they are not aware about the process of updates of C-II progress to be displayed on PIMS Dashboard. They didn't have access to PMIS

After the meeting, GRM Associate M&E Consultants along with GRM Focal Person of C-II visited Complaint Reporting Corner - C-II where there were found no complaints in the Complaint box placed near the Conference room of PIU-C-II

Key Decisions and Follow up Action :

Focal Person C-II will provide required information in the format provided by M&E Consultants soonest possible after getting updates from the Procurement Section

The Meeting concluded with vote of thanks to the participants



MINUTES OF 14TH MEETING OF M&E CONSULTANTS (IFRAP) WITH PIU-II

2

Date: January 26, 2026

Venue: PIU-Component office Saidpur Islamabad

Participants:

5. Dr. Sajjad Haider, Dy Project Director
6. Dr Shahzada Adnan, Senior Met Associate
7. Mr. Basharat Khan, SSS/ M&E Specialist
8. Mr Tariq Sarwar Bangash, Procurement Specialists
9. Muhammad Faizan Afzal APM
10. Dr Shabbir Hussain, Sr M&E Officer, M&E Consultants, Islamabad
11. Muhammad Amjad Shakeel, GRM Associate, M&E Consultants

Agenda:

- Debriefing on the activities planned for the Quarter-3 (January to March, 2026)
- Progress updates/Follow up on the M&E Consultant's awaited information
- Clarification on a complaint of a vender under GRM

Proceedings:

A meeting was held with PIU-II team at Saidpur office on 26 January 2026 at 11: 30 am . The main agenda item of the meeting was to follow up on the information awaited on a given format related to Q-2 activities envisaged in AWP (2025-26). Summary of discussions are summarized below:

M&E Team shared a list of activities scheduled for the ongoing quarter -3 (January to March 2026). PIU-II team informed about the ongoing activities at PIU-II. In order to finalize MoUs for administrative handover of 110 AWS under IFRAP, a schedule of field visits is being finalized in consultation with and approval of PMD. The first phase of visits is expected to commence and completed before Ramdan. This schedule will be shared with M&E Team enabling them to plan for their field visits on random sampling basis for on-the-spot check/ monitoring of preparatory activities for supply and installation of 110 AWS

During the last meeting held on 6th January 2026, M&E Team shared a format for data collection which was prepared based on the summary of activities compiled from the ongoing Annual Workplan (2025-26). Procurement Specialist C-II informed that the required information is under preparation and likely to be submitted within two days. He informed further that for system Integrated and Radar technical specification have been submitted to WB and LoAs are awaited. Dy PD informed that PIU has prepared and finalized QPR=2 for the period October to December 2025 which will be provided to M&E Consultants.

GRM Associate of M&E Consultants, shared and discussed in detail with e-mail evidence of a case related to GRM of a vender who has repeatedly conveyed through e-mails that he will lodge a complaint against PIU-II/PMD regarding procurement process of Systems Integrator. As per record, no formal complaint has been received as such since October 2025. Procurement Specialist PIU-II clarified that the case of this vender stands invalid until PIU-II receives formal complaint. therefore, this case should be treated as closed

Key Decisions/Follow up Actions :

- (4) PIU-II will provide pending /awaited information on the M&E Consultants format for progress of Q-2 activities provided earlier on 6 January 2026 based on AWP within 2-3 days***
- (5) PIU-II will share their schedule of Site visits of AWS w/r to MoUs preparation/finalization The M&E Consultants may plan to conduct sample-based spot sites checks /FGDs accordingly***
- (6) GRM case of a vender regarding SI stands inactive/closed until PIU-II receives a formal complaint through the defined communication media***
- (7) QPR-2 prepared /finalized by PIU-II will be shared with M&E Consultants within 2-3 days. A follow up debriefing on PQR-2 will accordingly be planned in the next meeting to assess achievements of PDO and IRs in the light of revised PAD***

The Meeting concluded with a vote of thanks to the participants



Minutes of 15th Meeting of M&E Consultants with PIU-II



Date: February 9 2026

Venue: PIU-II office Saidpur

Participants:

1. Mr. Basharat Khan, SSS Specialist, PIU-II
2. Muhammad Faizan Afzal APM , PIU-II
3. Dr Shabbir Hussain, Sr M&E Officer, M&E Consultants
4. Muhammad Amjad Shakeel, GRM Associate, M&E Consultants

Agenda:

- Debriefing on mid-term review
- Updates on ongoing activities of PIU-II
- Follow up for pending data/information requested from PIU-II

Proceedings:

Summary of discussions are summarized below:

PIU-II officials recently attended and participated in the mid-term review of the project. The Review Meeting was held recently in Karachi. PD, IFRAP was given briefing on the progress of activities related to procurement of AWS, Radars and SI. Some activities are pending awaiting LOA from the World Bank. The fact remains that the project activities under C-II are highly technical and time-consuming undergoing cumbersome procurement / import process followed by installation of AWS and Radars.

Program for Screening Visits of all the sites of 110 AWS have been finalized and approved. Accordingly, several tri-partite teams have been formed comprising representatives from PMD, respective RCs and PIU-II. Preparatory activities including screening/parameters, site handover/possession, MoUs etc have been finalized for the field /site visits.

A short training/orientation is planned for all the teams to review and ascertain relevant benchmark parameters at the sites before the start of field visits initially in KP possibly before the start of Ramdan. Status of activities as of 31st January ,2026 are being updated and these will be shared with M&E Team

The focal person PIU-II informed further that the requisite data on the format (already provided by M&E Consultants) is still pending from the Procurement Specialist despite numerous soft reminders. There is no progress on MIS development at PIU-II level. Therefore, real time integration with PMIS is still pending. Currently, manual spreadsheet information provided by PIU-II is being uploaded on PMIS by FPMU.

It was informed that a meeting of Steering Committee of C-II was held on 2nd February 2026. The minutes are being finalized and will also be shared with M&E Consultants

Decisions/Follow up Actions:

- I. *PIU-II will provide a copy of minutes of Steering Committee held on 02 February 2026 and month end (January 2026) status of PIU-II activities for information and necessary update.*
- II. *The requisite Information requested from the procurement section in line with AWP to be expedited. It remains pending since more than a month.*
- III. *PIU-II will facilitate M&E Consultants for the spot visits/FGDs as and when required. These FGDs may be coordinated during the forthcoming site visits schedule of the approved field visits program*

The Meeting concluded with a vote of thanks to the participants



Minutes of 16th Meeting of M&E Consultants (IFRAP with PIU-II

4

Date: February 27, 2026

Venue: PMD Hq and PIU-II Saidpur Islamabad

Participants:

1. Dr. Shahzada Adnan, Senior Meteorological Associate
2. Mr. Basharat Khan, SSS Specialist, PIU-II
3. Major (R) Muhammad Kaleem, Electronics Engineer
4. Ms. Sidra Kokab, Procurement Assistant, PIU-II
5. Dr Shabbir Hussain, Sr M&E Officer, M&E Consultants
6. Muhammad Amjad Shakeel, GRM Associate, M&E Consultants



Agenda:

Debriefing on AWS /Observatory Sites Screening

Findings of the Field Visits to four locations

in Khyber Pakhtunkhwa

Proceedings:

Summary of discussions are summarized below:

The major objective of the meeting was a debriefing the capacity building activity intended to ensure standardized and reliable implementation of upcoming AWS Installations under IFRAP and findings of the first round of field survey conducted recently in Khyber Pakhtunkhwa.

The meeting was held in two sessions, one in the morning at PIU-office with Focal Person Mr. Basharat Khan and his team and the other session was held in the afternoon at PMD Hq with technical team lead by Dr Shahzada Adnan.

PIU-II conducted a technical session on 19th February 2026 in which Dr Shahzad Adnan, Sr Consultant (Agro-metrology) provided practical on-site training to the officials of PIU-II and PMD. The training was focused on WMO compliant standards for AWS and the site selection criteria, sensor installation and configuration, data quality assurance and control protocol and operational best practices.



Summary of the major contents of the Tools in Cobo (attached) is as given below:

(i) AWS SITES SCREENING

A. General Information

Site Location – District ; Coordinates of AWS Site : latitude (x.y °); longitude (x.y °) ; altitude (m); accuracy (m); Important geographic / topographic feature (if any); Important biological feature (if any); Sensitive Receptors within 200 m

B. Environmental Issues

Site clearance; setting up of ancillary facilities; construction materials; residual wastes; soil erosion; potential soil or water contamination ; storage/ transport of hazardous substances; air quality and/or increase the level of harmful air emissions; dust from construction activity, vehicular/ machinery exhaust emissions, etc; ambient noise; protected areas on or around the locations which could be affected by the subproject; any adverse impact on the flora/ fauna

C. Social Issues

Inflow of labor; social conflicts arising from the interaction of laborers with locals and establishment of construction camps ; anticipate the occurrence of child labor, forced labor, or bonded labor; risks to nearby sensitive receptors (mosque, graveyard, hospital, school/college/university); occupational health and safety risks; community health and safety risks; land acquisition/rehabilitation activities; loss of agricultural land, crops/trees due to land acquisition; Security-related issues at the site; stakeholder engagement (Provincial/District level Government, University; natural hazard risk; indigenous peoples (as per World Bank ESS7) ; Pictures of Consultation at site and upload

(ii) AWS Observatory Site Selection

A General Site Information (Site coordinates, latitude (x.y °); longitude (x.y °) ; altitude etc)

representativeness of the site

B exposure & surrounding obstructions (obstructions within WMO limits)

D. Ground Surface & Terrain

E. Environmental & Anthropogenic Influences

G. Security & Sustainability

F. Power & Communication

G. Maintenance & Access

H. WMO Compliance (Overall WMO No.8 Compliance)



First round of field visits of a team comprising representatives of PIU-II, PMD (Regional Centers) has been completed. The team conducted site visits of the selected sites in the province of Khyber Pakhtunkhwa as given below:

- Bacha Khan University, Charsadda
- Mardan Radar Premises (Kal Pani)
- Regional Metrological Centre Peshawar
- Kohat University of Science and Technology, Kohat

The team filled online Cobo tools (attached) at the above sites which are feasible for installation of AWS. Further sites visits were not possible in Parachinar, North Waziristan and South Waziristan due to security situation.

M&E Team visited GRM center and found no complaint(s) in the Complaint box placed at PIU-II

Decisions/Follow up Action(s):

M&E Consultants plan to visit selected sites on sample basis (10 percent of 110 sites). Accordingly, FGDs/KIIs will be designed and conducted in collaboration with and support of PIU-II. The officials of PIU-II assured to help facilitate M&E Team in consultation with PMD/RMCs

The Meeting concluded with a vote of thanks to the participants

Annex

AWS SITES SCREENING

General Information

Site Location - District

Coordinates of AWS Site

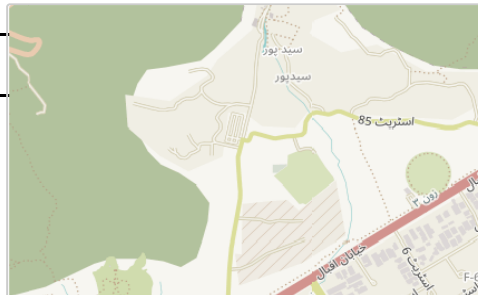
latitude (x.y °) longitude (x.y °)

accuracy (m)

Important geographic / topographic feature (if any)

Important biological feature (if any)

Sensitive Receptors within 200 m



Environmental Issues

Will the subproject involve significant land disturbance or site clearance?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

☐ Will the subproject require the setting up of ancillary facilities?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the subproject require a large amount of raw or construction materials, energy and/or water?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the subproject generate large amounts of residual wastes, construction material waste?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Is the sub-project expected to result in soil erosion?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Is the sub project expected to create borrow pits for construction material?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the subproject result in potential soil or water contamination (e.g., from oil, grease and fuel from equipment yards)?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the subproject involve the storage, handling, or transport of hazardous substances?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the sub project disturb the ambient air quality and/or increase the level of harmful air emissions (due to generation of dust from construction activity, vehicular/ machinery exhaust emissions, etc.)

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the subproject increase ambient noise levels?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures _____

Are there any protected areas on or around the locations which could be affected by the subproject?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will there be any adverse impact on the flora due to subproject activities?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures _____ Will there be any adverse impact on the fauna due to subproject activities?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Critical Issues

Will the subproject activities involve a significant inflow of labor?

☐ yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will there be any social conflicts arising from the interaction of laborers with locals, particularly by the induction of outside labor and establishment of construction camps (if any)?

☐ Yes ☐ No

Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the activities supported by the project anticipate the occurrence of child labor, forced labor, or bonded labor?

☐ Yes ☐ No

Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the subproject activities pose risks to nearby sensitive receptors (mosque, temple, church, graveyard, hospital, school/college/university), if any?

☐ Yes ☐ No

Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the sub project pose occupational health and safety risks?

☐ Yes ☐ No

Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the sub project pose community health and safety risks?

☐ Yes ☐ No

Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Risk of increase in traffic and pedestrian safety due to the construction vehicle movement, particularly near sensitive receptors.

☐ Yes ☐ No

Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will there be land acquisition? If yes, is the site for land acquisition and ownership status and current usage of land to be acquired known?

☐ Yes ☐ No

Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will there be a loss of shelter and residential land due to the land acquisition or clearance of the existing site?

☐ Yes ☐ No

Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Are any informal settlers or flood-affected persons present on the subproject site where construction and rehabilitation activities will be carried out?

☐ Yes

☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Has there been any Anti-Encroachment Drive to forcefully evict/move people at the site where the works are planned to be carried out?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will there be a loss of agricultural land, crops, trees, and fixed assets due to land acquisition?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will people lose access to natural resources, communal facilities and services due to involuntary land use restrictions or access to legally designated parks/protected areas?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Any estimate of the likely number of persons affected by the subproject? If yes, approximately how many? Are any of them falling into disadvantaged/vulnerable groups such as Female/child headed households, Internally Displaced Persons (IDPs), Refugees, Ethnic and religious minorities, Persons with disabilities, Transgender communities, Senior citizens, or economically marginalized groups)?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Have there been any past security-related issues at the subproject site?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Has stakeholder engagement taken place with relevant stakeholders (Provincial/District level Government Departments/Communities/NGOs/CSOs) for the subproject?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Is the subproject being implemented in an area with natural hazard risk? (e.g., floods, earthquakes, cyclones etc.).

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will there be any impact on women that may hinder their mobility during reconstruction and rehabilitation activities?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the proposed subproject potentially involve shifting of public utilities?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Are any indigenous peoples (as per World Bank ESS7) present in the subproject area?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Will the construction and rehabilitation activities cause socio-cultural issues and damage any cultural heritage site?

☐ Yes ☐ No Risk Level ☐ Low ☐ Moderate ☐ Substantial ☐ High

Remarks/Mitigation Measures

Pictures of Consultation at site

Pictures of AWS Site and Surroundings

Name of Survey Team Lead and Team with Designation

AWS Observatory Site Selection

General Site Information

Site Name / Code _____ -

Latitude / Longitude (± 5 m accuracy)

latitude (x.y °) longitude (x.y °) accuracy (m) Elevation (m AMSL)

Administrative Area (District / Province)

land Ownership

☐ Government ☐ Private ☐ Institutional

Written Permission / MoU Available

☐ Yes ☐ No

All-weather Accessibility

☐ Yes ☐ No

Type of AWS?

☐ Type 1 ☐ Type 2 ☐ Type 3 ☐ Type 4 ☐ Type 5 ☐ Type 6

Representativeness of the Site

Does the site represent natural climatic conditions?

☐ Yes ☐ No

Select applicable checks

☐ No localized heat sources ☐ Reflects regional land use ☐ No artificial surface dominance ☐ Avoids urban heat island

Remarks _____

A Exposure & Surrounding Obstructions

Obstructions within WMO limits?

☐ Yes ☐ No

Exposure checklist

☐ $\geq 10 \times$ obstacle height clearance ☐ No tall buildings/trees ☐ Unobstructed sky view > 120 degrees

☐ Wind mast compliant 10m above ground ☐ Wind sensor $> 2 \times$ height of nearest obstacle

☐ No overhead cables

Remarks _____

A Ground Surface & Terrain

Is ground surface WMO Recommended?

☐ Yes ☐ No

Ground condition checklist

☐ Uniform surface ☐ Flat terrain ☐ No artificial paving ☐ No waterlogging

Surface Type

☐ Grass ☐ Soil ☐ Gravel ☐ Other

A Environmental & Anthropogenic Influences

Environmental influence checklist

☐ No generators ☐ No irrigation ☐ No livestock ☐ No industrial emissions ☐ No reflective surfaces

G. Security & Sustainability

Security checklist

☐ Fenced/protected ☐ Low vandalism risk ☐ Long-term availability ☐ instrument custodian available

☐ no future construction planned nearby

Responsible Custodian

Power & Communication

Power & communication checklist

☐ Adequate solar ☐ Battery protected ☐ Signal adequate (GSM GPRS)

☐ Annetta Location interference free

GSM Signals Strength checklist

☐ Adequate solar ☐ Battery protected ☐ Signal adequate (GSM GPRS)

☐ Annetta Location interference free

Maintenance & Access

Maintenance checklist

☐ Safe access ☐ Vehicle access ☐ Routine maintenance feasible ☐ Spare parts storage

WMO Compliance

Overall WMO No.8 Compliance

Sitting and exposure standards

☐ Fully Compliant ☐ Conditionally Compliant ☐ non-compliant

Mitigation Required _____

K. WMO Exposure Classification

☐ Class 1 – Ideal ☐ Class 2 – Very Good ☐ Class 3 – Acceptable ☐ Class 4 – Marginal

☐ Class 5 – Unacceptable

L. Final Recommendation

☐ Approved ☐ Approved with Conditions ☐ Rejected

Surveyor Name & Signature

Date

Site Pictures

Actual AWS Site pictures

Click here to upload file. (< 10MB)

Name of Survey Team Lead and Team with Designation

<https://kf.kobotoolbox.org/#/forms/aw8MA8xByAzGpZnMQHeQmy/landing>

Tracking of PDO and Intermediate Indicators during Quarter 01

Date: March 26, 2026

Venue: IFRAP/M&E Consultants office Quetta

Participants:

1. Representatives of FPMU, IFRAP
2. Representatives of PIU C-I, Quetta
3. Representatives of PIU C-III, Quetta
4. Mr. Rizwan Ahmed, TL, M&E Consultants
5. Mr. Rizwan Saleem, MIS Specialist (Online remote participation)
6. Dr Sajjad Haider, Dy Project Director (Online remote participation)
7. Mr. Basharat Khan, SSS Specialist, PIU, C-II (Online remote participation)
8. Dr Shabbir Hussain, Sr M&E Officer, M&E Consultants (Online remote participation)
9. Muhammad Amjad Shakeel, GRM Associate, M&E Consultants (Online remote participation)

Agenda:

Quarterly Workshop (Q. 01) – Tracking PDO and Intermediate Results Indicators

Proceedings:

In consultation with and approval of FPMU, a joint workshop was organized by M&E Consultants with relevant stakeholders on 26th March, 2026 in Quetta to review the findings, discuss observations, and finalize the Quarter 1 report before its submission for World Bank review.

Prior to participation in the dedicated session 2 on C-II p, a pre-workshop meeting was held in the office of Dr Sajjad Haider, Dy Project Director PIU in presence of Mr Basharat Khan, Focal person for M&E Consultants. Dr. Shabbir Hussain shared a presentation on PDO and Intermediate Results Indicators in the light of revision of the project and related progress of relevant activities. (Presentation annexed).

Dr Sajjad Haider shared updates on procurement of AWS and the status of withdrawal of funds allocated for procurement and installation of 4 Radars by the World Bank .

PIU team informed that that Screening Visits of all the 110 sites of AWS are in progress and continued as per approved programme. Dr. Shabbir Hussain informed that M&E Consultants have planned spot validation visits of selected sites on sample basis (10 percent of 110 sites). Accordingly, FGDs/KIIs will be designed and conducted during forthcoming visits in consultation with PMD/RMCs.

During the dedicated session on component-II of the workshop, Mr Rizwan Ahmed , Team Lead M&E Consultant, displayed /discussed the following major points related to the feedback of C-II conveyed earlier on Q-01 quarterly progress report prepared :

Component - II

Comments by PIU-II	Actions
Due to non-commencement of physical work at fields level, no complaint has been received yet. Visibility campaign and dissemination of complaints mechanism (GRM) will be operational on project sites once the work commencement is started at sites	Agreed It will be incorporated in the revised report
Capacity building including training of 117 PMD officials on digitized survey conducted in June 2025 and the outcome of three surveys to assess : (i) PMD's Infrastructure; (ii) Forecasting System and (iii) Service Delivery with geographic coverage of all the five Regional Centers: Lahore, Karachi, Peshawar, Quetta, Gilgit -Baltistan be highlighted in M&E's QPR-01	Agreed It will be incorporated in the revised report
Findings of Pre-Baseline Conducted by PMD : (i) Flood Early Warning; (ii) Observatory Survey and (iii) Agrometeorology Survey be mentioned in QPR	Agreed It will be incorporated in the revised report
Activities accomplished at IMG Karachi during this quarter be included	Agreed It will be incorporated in the revised report

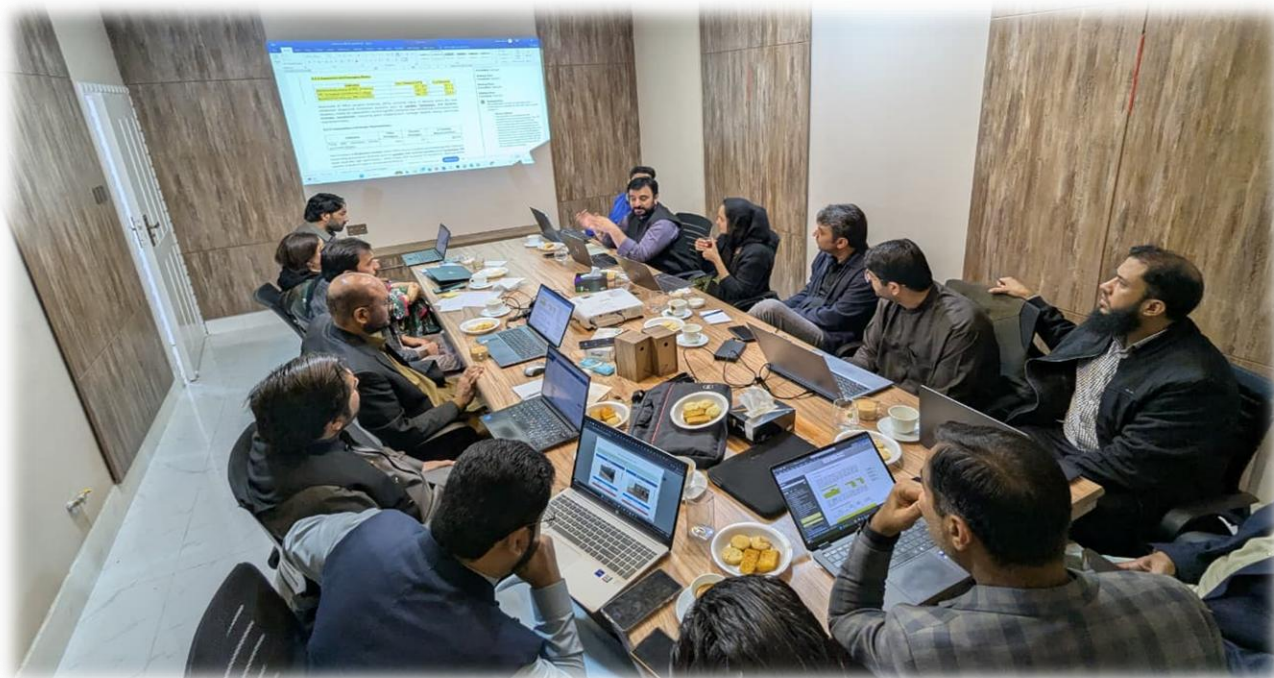
PIU team after going through all these points, expressed their consent as agreed/resolved. Accordingly, M&E Consultants will prepare a revised report for further necessary action within a weeks' time

Decisions/Follow up Action(s):

In the light of the workshop discussions and findings, M&E Consultants will revise/finalize QPR-01 Report and share with PIU-II within a weeks' time

M&E Consultants will conduct spot/validation visits of selected sites on sample basis (10 percent of 110 sites). The officials of PIU-II will share their visit program and help facilitate M&E Team in conducting FGDs/KIIs

The workshop concluded with vote of thanks to the participants



Annex : PRESENTATION ON Q-1 of C-II



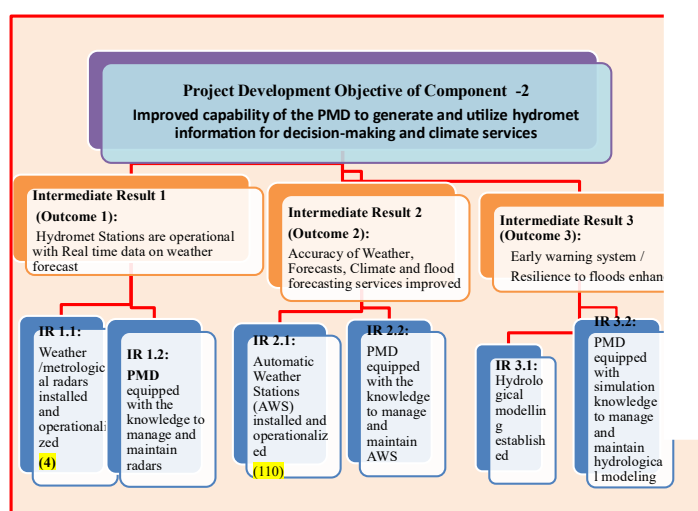
Quarterly Workshop- 01 (June-Sep 2025)

Tracking PDO and Intermediate Results Indicators

C-II : Strengthening Hydro-met and Climate Services

MONITORING & EVALUATION CONSULTANTS (IFRAP)

26th March, 2026



PDO Indicators : Targets (As on 30th September, 2025)

Indicator	Target
• Number of People with enhanced protection to flood risk.	1,800,000
• Number of females with enhanced protection to flood risk.	9,00,000
• Number of Youth with enhance protection to flood risk.	5,40,000

Major Activities

- Expansion & upgradation of flood forecasting
- Awareness among beneficiaries
- Enhance accuracy of forecasting
- Conducted Pre-baseline survey : 907 interviews ; 847 farmers
- Assessment of 117 PMD observatories
- 130 professionals trained to conduct digital survey Redressal Mechanism (GRM)

Presentation Outline

Component-2 : Project Development Objective

Intermediate Result Indicators: Baseline Vs Targets

Progress Update on PDO Indicators (as on 30th September, 2025)

Progress Update on Intermediate Results Indicators (as on 30th September, 2025)

Grievance Redressal Mechanism (GRM)

Coordination Meetings of M&E Consultants

Baseline and Targets : Intermediate Result Indicators

#	Intermediate Result Indicator	Baseline	Completion Period Target
1	The number of AWS installed and operationalized by PMD	0 .0 (February 2023)	110 (December 2028)
2	The number of Weather radars installed and operationalized	0.0 (February 2023)	4.0 (December 2028)
3	Hydrological modelling based on early warning system established for hill torrents in Baluchistan	No (February 2023)	Yes (December 2028)

GRM Specification of Component-2

#	Component-II
1	Focus
2	Call/Whatsap
3	E-mail
4	Toll free ptl
5	GRM Associate
6	PIU Focal person
7	Banner displayed at PIU
8	Complaint Box placed at PIU
9	GRM Structure for Component-2

- Reception & Categorization
- Classify concerns about data accuracy, missing readings, forecasting delays.
- Triage & Response : Immediate technical review
→ PMD's technical team handles fixes/upgrades : Track resolution steps and closure.
- PMIS Linking : Issue logged updates service-uptime or forecasting accuracy KPIs in real time.

**Comments of PIU C-II on Quarterly Progress Report
(June-September 2025)**

Component-II of PQR was shared with PIU-PMD with a follow up Debriefing meeting held at PIU Saidpur office on 17th November, 2025. Summary of the comments on QPR are as under:

#	M&E Consultants Report	Comments by PIU-PMD
1	Ref: Executive Summary para1 Page 4: The first quarter of Monitoring and Evaluation (M&E) operations under the Independent Firm for Result-based Monitoring and Evaluation of the Flood Response and Rehabilitation Assistance Project (IFRAP) marked the transition from inception to full operational deployment.	The title of the project be described as "Flood Response and Rehabilitation Assistance Project (IFRAP)" as per project documents.
2	Ref : Section 2.3 Page 6: Data integration with PMIS was not operational during this reporting period. Component 2 had not yet established MIS platforms, as a result , data consolidation remained manual and semi-automated, verified by and large through document reviews and triangulation of field and available PIU-PMD documentation.	The reason of non-availability of MIS at PIU-PMD be also elaborated like : Data integration with PMIS was not operational during this reporting period. Due to non-commencement of physical work at fields level subsequent activities were delayed.
3	During the debriefing meeting, the M&E Consultants' report was displayed on multimedia and reviewed thoroughly. The meeting was interactive. The major comments/concerns of the PIU-PMD were highlighted, discussed and included in the approved minutes of the meeting dated 17th November, 2025 . Further comments/points raised by PIU-PMD are given briefly under the next column of the comments by PIU-PMD	➤ Due to non-commencement of physical work at fields level, no complaint has been received yet. Visibility campaign and dissemination of complaints mechanism (GRM) will be operational on project sites once the work commencement is started at sites ➤ Capacity building including training of 117 PMD officials on digitized survey conducted in June 2025 and the outcome of three surveys to assess : (i) PMD's Infrastructure; (ii) Forecasting System and (iii) Service Delivery with geographic coverage of all the five Regional Centers: Lahore, Karachi, Peshawar, Quetta, Gilgit-Baltistan be highlighted in M&E's QPR-01 ➤ Findings of Pre-Baseline Conducted by PMD : (i) Flood Early Warning; (ii) Observatory Survey and (iii) Agrometeorology Survey be mentioned in QPR ➤ Activities accomplished at IMG Karachi during this quarter be included

Progress Update on Intermediate Indicators

Indicator	Target	Activities	Progress
Number of Days Increase in weather forecast lead time of PMD	5	➤ Capacity and capability ➤ Upgradation and Expansion of PMD Service delivery including agromet forecasting	✓ Hiring of International Consultants for AWS and WRS completed ✓ Contracts signed with Civil Works Consultants
Number of Weather radars installed and operationalized.	4	➤ Procurement ➤ Installation ➤ Operations	✓ Technical proposal under evaluation for supervision consultancy for Radars
Number of Automatic Weather Stations installed and operationalized.	110	➤ Procurement ➤ Installation ➤ Operations	✓ Award letter and draft contracts shared with successful bidders ✓ Hiring of civil works consultants completed ✓ Sites identified/finalized for 110 AWS
Early Warning system established in hill torrent of Balochistan based on hydrological modelling.	Yes	➤ RADARS procurement, installation and integration along with data governance modeling	✓ Completed assessment fo hydrological modeling ✓ PIU participated in international workshop on hill torrents to identify vulnerable area of ko-e-Salman

شکایات کے اندراج اور ازالے کا نظام

آپ کی آواز ہماری ذمہ داری

Strengthening Hydramet & Climats Services

پرائیکٹ سے متعلق اپنی تباویز اور شکایات یہاں درج کراویں

0325-5373330 کال/واٹس ایپ
complaint@ifrap.org.pk ای میل



M&E Consultants Meetings held with PIU-C-II

#	DATE	VENUE	PURPOSE/MAJOR OUTCOME
1	02-6-2025	PIU-C-II Saidpur Office, Islamabad	- It was the first inception meeting. Various aspects of the component-II were explained which are highly technical and complex. - Understanding developed on the scope of work, timelines, and expected deliverables. - Coordination and reporting protocols decided to ensure smooth implementation of M&E Consultants activities
2	23-7-2025	PIU-C-II Saidpur Office, Islamabad	- Provided rationale of reducing the number of 300 AWS reduced to 110 Identified sites for installation of 110 AWS and location of 4 Radars - Shared updates on the procurement process of AWS and Radars - List of sites to be provided to M&E Consultants to determine and finalize sample for baseline survey
3	28-7-2025	H/Q PMD Islamabad	- Reviewed draft data collection tools prepared by M&E Consultants - Modules of the questionnaires finalized revisions/ edits of the tools: Survey Manual
4	8.8.2025	PIU - C-II Saidpur Islamabad	- Presented and reviewed GRM prepared by M&E Consultant - Discussed the other GRM prepared and approved by PMD - Discussed and devised implementation modality with deployment of GRM Associate, installation of complaint box, whatsapp number
5	22.8.2025	PIU - C-II Saidpur Islamabad	- Reviewed and discussed plan to conduct baseline in the light of revised indicators keeping in view the scope of M&E Consultants - Collected reports of pre-baseline conducted by PMD - Discussed operational mechanism of GRM at PIU-PMD
6	17.9.2025	Head office PMD H-8 Islamabad	- Reviewed implications of revised indicators of C-II by IFRAP - M&E Consultants will devise a matrix to determine Baseline and KPIs along with template for process monitoring and the spot checks - Reviewed updates on 110 sites of AWS including 45 in Baluchistan and obtained list of Observatories and Radars to determine sampling framework for field visits / process monitoring - Finalized installation of banner and a complaint box at PIU-PMD Saidpur office .M&E Consultants provided a JAZZ sim (0325-5373330) - Finalized deployment of GRM Associate for C -2 in coordination with and support of Focal person assigned by PIU-PMD
7	23-9-2025	FPMU (IFRAP) office , EOBI, Islamabad	- It was a joint meeting of M&E Consultants and Component -III (HRU) organized by FPMU - Progress updates were presented by M&E Consultants and HRU Field level issues experienced during Baseline Survey were discussed and resolved jointly under the guidance of M&E Specialist IFRAP - Sampling framework was rationalized with clarifications and mutual understanding - Consistency in data collected was examined

Glimpse of the Meetings

