1. Project Identification

AFI Region	PROJECT DESCRIPTION (DP)	DP N° DIGIMET-AFI	
Programme	**Title of the Project**	**Start**	**End**
AREA: MET **Programme Facilitator: RO MET**	**DIGIMET-AFI:** Enhancing Digital Exchange of Aeronautical Meteorological Information in the AFI Region	**01/01/2026**	**31/12/2027**
	Project coordinator: [Name of the Project Coordinator]		

Rationale	• Annex 3 to Chicago Convention requires the exchange of OPMET data in ICAO IWXXM form in addition to the dissemination in TAC format.
	• Amendment 82 to Annex 3 restructured its provisions to support the shift from a product-centric to an information-based environment under SWIM, aligning aeronautical meteorological services with the Global Air Navigation Plan (GANP).
	• Amendment 82 to Annex 3 is intended for further development of the IWXXM for the provision of meteorological information. However, the following are observed in the region:
	   – Many AFI States still use only traditional TAC formats for MET information exchange.
	   – Infrastructure, technical skills, and coordination needed for IWXXM implementation are generally lacking.
	   – Lack of standard inter-center FTBP AMHS links in IP, replacing the RSFTA Plan links.
	   – Growing backlog for the exchange of OPMETs in the IWXXM format required in SWIM
	• This project aims at support States in progressive implementation of the IWXXM-compliant digital exchange of aeronautical meteorological information in accordance with ICAO Annex 3 provisions and the Global Air Navigation Plan under AMET-B1 elements.		

Objective	Support AFI States in transitioning to IWXXM-compliant digital exchange of meteorological information in line with ICAO Annex 3 and the GANP (AMET-B1), thereby enhancing the availability, accuracy, and interoperability of MET data for aviation safety and efficiency.		
Scope	**Geographical Scope:** • All AFI States, with focus on NOCs, BCCs and IROGs States **Functional Scope:** • Establish a Regional Coordination and Planning Mechanism • National IWXXM Readiness Assessment • Development of IWXXM Data Generation and Exchange Tools • Capacity Building and Technical Assistance • Pilot Implementation and Transition to Operations		
Metrics	• Regional coordination mechanism established • Assessment completed in participating States and report released • IWXXM implementation roadmap adopted		

	• Number of staff trained on IWXXM • Number of guidance and SOPs on IWXXM developed and validated • Number of States with guidance for the operationalisation of IWXXM systems • Regional report on lessons learned • Final project report
Strategy	Senior CNS and MET experts, with proven experiences from the Civil Aviation Authorities and the Industry, selected as per the AASPG Procedural Handbook, will implement the project. ICAO MET Regional Officers (ESAF and WACAF) will provide support as needed. The Project Team Coordinator (PTC) will coordinate activities, assign tasks, and prepare progress reports. Activities may be delivered online, hybrid, or in-person. The PTC will present performance reports to the AASPG IIM/SG.
Related projects	This project is linked to the following : • **DISMET-AFI** Project *on Improving OPMET Delivery and MET Product Access for Safer and More Efficient Flight Operations in the AFI Region*; • **AFI System Wide Information Management (SWIM) Project.**
Relationship with the regional plans	This project supports the following plans: • Global Air Navigation Plan (GANP); • Global Aviation Safety Plan (GASP).

2. Project Deliverables

Project deliverables					
Reference	**Description**	**Responsible party**	**Delivery date**	**Status of Implementation**	**Comments**
DEL01.	**Project Setup**				
1.1.	Establishment of the project team	Programme facilitator	Q1, 2026		Identify and select project team experts as per the AASPG Procedural Handbook
1.2.	Project launching webinar	Programme facilitator	Q1, 2026		Conduct the introductory meeting
DEL02.	**IWXXM Implementation Framework and Regional Coordination and Planning Mechanism**				
2.1.	Designate national focal points for IWXXM.	Project Team	Q2, 2026		Designate national focal points for IWXXM.
2.2.	Establish a Regional IWXXM Implementation Group (RIIG).	Project Team	Q2, 2026		Establish a Regional IWXXM Implementation Group (RIIG).
2.3.	Develop an AFI IWXXM Implementation Roadmap	Project Team	Q2, 2026		Develop an AFI IWXXM

Project deliverables					
Reference	**Description**	**Responsible party**	**Delivery date**	**Status of Implementation**	**Comments**
					Implementation Roadmap
DEL03.	**IWXXM Readiness Assessment and Implementation Action Plan**				•
3.1.	Conduct gap analysis in participating States, prepare and release gaps analysis report.	Project Team	Q3, 2026		Conduct gap analysis in participating States, prepare and release gaps analysis report.
3.2.	Identify equipment, software, and training needs.	Project Team	Q4, 2026		Identify equipment, software, and training needs.
3.3.	Develop national IWXXM implementation action plan	Project Team	Q4, 2026		Develop national IWXXM implementation action plan
DEL04.	**Development of Project Implementation Documents and Tools**				
4.1.	Develop regulatory and Operational guidance materials, IWXXM related SOPs, guidance on System Upgrades, IWXXM Data Generation and Exchange means	Project Team	Q1, 2027		• Regulatory materials and tools • Guidance for Upgrading MET systems for IWXXM output • Guidance on IWXXM data generation • IWXXM related SOPs • IWXXM Testing Guidance.
4.2.	Validation Workshop of developed documents and tools.	Programme facilitator	Q2, 2027		Validation Workshop of guidance materials and tools developed.
4.3.	Consolidate validated documents and tools based on the feedback from the validation workshop	Project Team	Q2, 2027		Integrate the comments from the validation workshop

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Project deliverables					
Reference	**Description**	**Responsible party**	**Delivery date**	**Status of Implementation**	**Comments**
DEL05.	**Capacity building**				•
5.1.	Identify Training needs and workshops for CNS and MET Staff on IWXXM.	Project Team	Q3, 2027		• Develop training and workshops packages for CNS and MET Staff on IWXXM. • Develop Train package on software engineers in system integration and automation.
DEL06.	**Assistance to selected State(s)**				
6.1.	Pilot Implementation in selected States and Transition to Operations	• Programme facilitator • Project Team	Q3, 2027		• Select 3-5 States for pilot implementation. • Run operational tests/trials with feedback loops. • Transition selected IWXXM products into operational use.
6.2.	Evaluation & Feedback from participating States in the pilot phase	Project Team	Q4, 2027		Report on pilot implementation and lessons learned
6.3.	Consolidate the implementation package based on the lessons learned from the pilot implementation	Project Team	Q4, 2027		Review and consolidate the project implementation documents
DEL07.	**IWXXM Implementation Repository**				
7.1.	IWXXM Implementation online repository	Project Team	Q4, 2027		Implement an IWXXM online repository for States.
DEL08.	**Project final report**				
8.1.	Project final report with recommendation for further deployment	• Programme facilitator	Q4,2027		Prepare and release Project final report

Project deliverables					
Reference	**Description**	**Responsible party**	**Delivery date**	**Status of Implementation**	**Comments**
		• Project Team			with recommendation for further deployment

3. Resources

Resources required	The required resources include:
	
	• Selected CNS and MET experts from States and Organizations to conduct the project activities, based on following qualification criteria:
	
	   i. experience and good knowledge of ICAO standards and recommend practices, and procedures related to MET for MET experts;
	
	   ii. experience and good knowledge ICAO standards and recommended practices, and procedures related to CNS for CNS experts;
	
	   iii. at least five (5) years of operational experience in dealing with meteorological information dissemination to users;
	
	   iv. at least five (5) years' experience in State MET and CNS regulation;
	
	   v. experience knowledge in IWXXM requirements
	
	• Funds for conducting the documents and tools validation workshop.

4. Project Costing

Activities	Expenditures				
	Total	**2025**	**2026**	**2027**	**Total**
Recapitulation	**64,500**	**-**	**24,000**	**40,500**	**64,500**
Deliverable 1 Project Setup					
Activity #1.1Establishment of the project team	0	-	0	0	0
Activity #1.2 Project launching webinar	0	-	0	0	0
Deliverable 2 IWXXM Implementation Framework and Regional Coordination and Planning Mechanism					
Activity #2.1 Designate national focal points for IWXXM.	0	-	0	0	0
Activity #2.2 Establish a Regional IWXXM Implementation Group (RIIG).	0	-	0	0	0

Activity #2.3 Develop an AFI IWXXM Implementation Roadmap	0	-	0	0	0
Deliverable 3 IWXXM Readiness Assessment and Implementation Action Plan					
Activity #3.1Conduct gap analysis in participating States, prepare and release gaps analysis report	0	-	0	0	0
Activity #3.2 Identify equipment, software, and training needs.	0	-	0	0	0
Activity #3.3. Develop national IWXXM implementation action plan	0	-	0	0	0
Deliverable 4 Development of Project Implementation Documents and Tools					
Activity #4.1Develop regulatory and Operational guidance materials, IWXXM related SOPs, guidance on System Upgrades, IWXXM Data Generation and Exchange means	24,000	-	24,000	0	24,000
Activity #4.2 Validation Workshop of developed documents and tools.	27,500	-	0	27,500	27,500
Activity #4.3 Consolidate validated documents and tools based on the feedback from the validation workshop	0	-	0	0	0
Deliverable 5 Capacity Building					
Activity #5.1 Identify Training needs and workshops for CNS and MET Staff on IWXXM	0	-	0	0	0
Deliverable 6 assistance to selected State(s)					
Activity #6.1 Pilot Implementation in two (2) selected States and Transition to Operations	13,000	-	0	13,000	13,000
Activity #6.2 Consolidate the implementation package based on the lessons learned from the pilot implementation	0	-	0	0	0
Activity #6.3 Evaluation & Feedback from participating States in the pilot phase	0	-	0	0	0
Deliverable 7 IWXXM Implementation Repository					
Activity #7.1 IWXXM Implementation online repository	0	-	0	0	0
Deliverable 8 Project final report					
Activity #8.1 Project final report with recommendation for further deployment	0	-	0	0	0
Total	**64,500**	**-**	**24,000**	**40,500**	**64,500**