DOMAIN : IIM (Infrastructure & Information Management)

MET PROJECT.1: Provision of global, regional and local meteorological products/Information

Coordinator: South Africa

AFI Region	Project Description		
Programme	**Title of the Project**	**Start**	**End**
Aeronautical Meteorology **Project Facilitators:** ICAO Regional Officer, MET, Dakar & Nairobi	**Provision of global, regional and local meteorological products/Information /MET) service, in the AFI region** **MET Project 1 Team:** • *1 Project-Team Coordinator: South Africa* • *17 Experts contributing to the Project 1- Botswana, South Africa, Niger, Nigeria, Togo, Uganda, Ethiopia, Mauritania, Kenya, Ghana, IATA, ASECNA, Côte d'Ivoire, WMO, IFALPA, Senegal, Tanzania*	2023	2024
Objective	a) Assist States to review and conduct gap analysis between their National ASBU Plans and the Regional Air Navigation Plan. b) Assist States in updating their National Plans to integrate ASBU elements applicable in their area. c) Assist States in the implementation of State ASBU implementation action plan. d) Assist States in transitioning from current aeronautical meteorological information to the future SWIM-enabled environment in the AFI region by assisting AFI States to progressively develop capability of handling OPMET data in digital format (XML/GML) and to start using XML/GML codes in operational environment by 2021		
Scope	The Project will benefit all AFI States and interested Organizations and will cover the implementation of the following MET ASBU elements. • AMET-B0/1 Meteorological observations products • AMET-B0/2 Meteorological forecast and warning products • AMET-B0/3 Climatological and historical meteorological products • AMET-B0/4 Dissemination of meteorological products		

Metrics	The progress of the Project will be monitored through the evaluation of the implementation status using the following metrics. • Metric 1 : % of States with AMET-B0/1 implemented by December 2024 • Metric 2 : % of States with AMET-B0/2 implemented by December 2024 • Metric 3 : % of States with AMET-B0/3 implemented by December 2024 • Metric 4 : % of States with AMET-B0/4 implemented by December 2024
Strategy	**Coordination of the project**: The coordination of the project will be carried out by the Project Team Coordinator State. **Implementation of the Project activities**: Each member of the project team will be assigned specific task to be achieved as per the project wok plan. **Supporting experts**: Project team members will be supported by State National Coordinator for planning and implementation (NCPI) and Sate technical Focal Point (TFP) in MET. **Facilitation**: Project Facilitators (ROs/MET, Dakar and Nairobi. **Reporting on the project implementation**: Project-Team Coordinator, upon completion of the tasks, the results will be sent to the Project Facilitators as a final document for submission to the IIM_SG, and approval by the APIRG Projects Coordination Committee (APCC).
Rationale	a) Need of alignment of the project's references with the groups, threads, elements of ASBU modules introduced by the 6th edition of the GANP and applicable to the AFI region in MET area. b) Low level of implementation of AMET-B0 module applicable elements in the region

Targets	Metric	Baseline (2022)	Milestone, 2023	Target, 2024	Comments
	Metric 1	30%	50%	80%	
	Metric 2	30%	50%	80%	
	Metric 3	10%	50%	80%	
	Metric 4	30%	50%	80%	

Status at the End of Project	a) 80% of States with AMET-B0/1, AMET-B0/2, AMET-B0/3 and AMET-B0/4 implemented b) The reporting on the Project implementation is consistently achieved.
Related projects	All APIRG specifically projects related to: • **COMI-B0/7 -** ATS Message Handling System (AMHS)

Activity #	Activity Name	Beneficiary States	Actors	Duration (in days)	Start	Finish
	Implementation of MET Project 1			**670**	*2-Jan. -23*	**31-Dec. -24**
1.1	*Overall Coordination of the Project*					
1.1.0	IIM/SG Quarterly PTCs' Coordination Meeting and quarterly report on the implementation of Project activities	AFI States	• Chair • Supported by Vice-Chair and PTCs	**670**	Q1 2023	Q4 2024
1.2	*Status of implementation ASBU elements, Gaps analysis and development implementation Action Plan*	**AFI States**		*136*	1-Apr.-23	15-Aug-23
1.2.1	Assess the status of implementation of the AMET-B0/1, AMET-B0/2, AMET-B0/3 and AMET-0/4	AFI States	• Project Team Expert (PTE) • Support from State TFP in MET	29	1-Apr.-23	30-Apr.-23
1.2.2	Perform the ASBU gaps analysis and establish priorities	AFI States	• Project Team Expert (PTE) • MET TFP	30	1-May-23	31-May-23
1.2.3	Produce the report of the ASBU gaps analysis	AFI States	• PTC • PTEs	14	1-June-23	15-June-23
1.2.4	Develop Action Plan for prioritized States that need assistance to address the deficiencies identified upon the gaps analysis	Prioritized States	State (With the support of PTEs)	30	15-June-23	15-Jul.-23
1.2.5	Review and approve Action Plan to guide its implementation by State with support of PTEs	Prioritized States	PTC	30	16-Jul.-23	15-Aug-23

1.3	*Monitoring the and assist State in the Implementation of State Action Plan*			*504*	*15-Aug-23*	*31-Dec.-24*
1.3.1	Task PTEs to assist prioritized beneficiary States as needed through workshops, trainings, guidance material, operational procedures, etc.,	Prioritized States	PTC	16	15-Aug-23	31-Aug-23
1.3.2	Provide assistance to States as needed through workshops, trainings, development of guidance material, operational procedures, etc.	Prioritized States	Tasked PTEs	487	1-Sep.-23	31-Dec.-24
1.3.3	Coordinate the assistance activities conducted by PTEs	Prioritized States	PTC	487	1-Sep.-23	31-Dec.-24
	Provide monthly report to the PTC on the implementation of the activities of assistance to States	States assisted	PTEs	487	1-Sep.-23	31-Dec.-24
1.3.4	Provide quarterly and annual Report on the progress of the Project activities	States assisted	PTC	487	30-March. -23	31-Dec.-24
1.4	*Project Exit Wrap up*			*30*	*1-Dec.-24*	*31-Dec.-24*
1.4.1	Review the Project achievements and failures	Prioritized beneficiary States	PTC	30	1-Dec.-24	31-Dec.-24
1.4.2	Document the lessons learnt and formulate recommendations for improvement	Prioritized beneficiary States	PTC	30	1-Dec.-24	31-Dec.-24
1.4.3	Present the termination report to the IIM/SG	Prioritized beneficiary States	PTC	30	1-Dec.-24	31-Dec.-24