



DOMAIN : IIM (Infrastructure & Information Management)
PROJECT.1: Development of IIM Projects Master Plan

Coordinator: South Africa

AFI REGION	PROJECT DESCRIPTION	
PROGRAMME	TITLE OF THE PROJECT	
	START	END
<p>PROJECTS MASTER PLAN (Project Facilitators: Secrétariat)</p>	<p>Development of an IIM Projects Master Plan, to:</p> <ul style="list-style-type: none"> a) Illustrate the hierarchy and interdependencies of IIM Projects; b) Enable the tracking all the IIM Projects activities; and c) Provide periodic reports to the Secretariat on IIM Project Status. <p>IIM Projects Master Plan <i>Project-Team Coordinator: South Africa, Cameroon, Cote d'Ivoire and Uganda</i></p>	<p>2021 2022</p>
<p>OBJECTIVE</p>	<p>Development of an IIM Projects master plan through:</p> <ul style="list-style-type: none"> a) Collection of and consolidation of IIM projects activities and schedules; b) Development of a tracking framework for all IIM Project; c) Development of a reporting mechanism for all activities of the approved IIM Project; and d) Develop linkages between IIM projects; and between IIM and AAO projects. 	

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SCOPE	<ul style="list-style-type: none"> a) All projects as approved by the APCC for the APIRG IIM subgroup to be tracked and reported: <ul style="list-style-type: none"> i) COM 1: Implementation of Ground/Ground communication (ATS/DS, AIDC, VoIP) ii) COM 2: Implementation of Ground/Ground communication (AFTN, AMHS) iii) COM 3: Implementation of Air/Ground communication (HF/VHF voice data, CPDLC) iv) COM 4: Implementation of interoperable seamless telecommunication infrastructure v) COM 5: Assessment of AFI Aeronautical Networks Cyber Security vi) NAV: Implementation of Conventional Navigational Aids and GNSS (Core and Augmented) vii) SUR: Implementation of Surveillance systems viii) SPEC: Development of Policies and Systems for protection of Aeronautical Frequency ix) MET 1: SIGMET/QMS/Deficiencies/D-OPMET x) MET 2: TA-WRNGS/WAFS/AMBEX xi) MET 3: Space Weather xii) AIM 1: Assessment and development of QMS applied to AIM xiii) AIM 2: Implementation of Aeronautical Information Exchange Systems (AIXM) xiv) AIM 3: Implementation of the provision of electronic terrain and obstacle data (e-TOD) (AFI Region) 		
METRICS	<ul style="list-style-type: none"> a) Percentage of projects' activities collected (project description, organization- deliverables, TORs); b) Percentage of work done on development of tracking framework for projects; c) Percentage of work done on development of reporting mechanism for all projects; and d) Percentage of linkages between IIM projects; and between IIM and AAO projects. 		
STRATEGY	<ul style="list-style-type: none"> a. All tasks will be carried out by IIM SG experts nominated by AFI States participating in the project, led by the Project-Team Coordinator and under the supervision of the Secretariat through the "Microsoft Teams" virtual platform. b. 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). c. For the purpose of collaborative decision-making, meetings will be held with the concerned entities (States, Industry, and Secretariat). 		

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RATIONALE	<p>APIRG, through its steering group, the APCC has endorsed and approved APIRG IIM projects to be implemented within the AFI region. These IIM projects were carefully selected based on the region's needs and the desire to implement the globally accepted standards in Air navigation. In order to track the development and implementation of these projects seamlessly with due regard to collaboration, the IIM MaterPlan project is to provide a basis and framework in which these projects can be tracked, to establish their level of implementation and provide good feedback to the APCC and APIRG on progress for proper decision making.</p>		
RELATED PROJECTS	<p>All APIRG IIM and AAO projects.</p>		

PROJECT DELIVERABLE		RESPONSIBLE PARTY	STATUS	DELIVERY DATE	COMMENTS
1	Develop all IIM Master Plan Project documents: (ToR, Project description, Project Organisation,			30 April 2021	
1a	a) ToR	Sandrine	Completed	30 April 2021	Finalised July 2021
1b	b) Project Description	Gerald	Completed	30 April 2021	Finalised July 2021
1c	c) Project Organisation	Oliver	Completed	30 April 2021	Finalised July 2021
1d	d) Scope of work		Completed		Finalised July 2021
1e	e) Project Members	Raoul	Completed	15 Dec 2020	Finalised December 2021
2a	Engage the various IIM Project team coordinator and Secretariat	Raoul		21 Dec 2020	
3	Develop Master Project Plan	Albert/Nokuthula		30 June 2021	
4	Project related linkages – IIM and AAO	Raoul		21 December 2020	
5	Project Meeting with ICAO Chair, Secretariat and IIM PTC to ensure alignment with the scope.	Nokuthula		Quarterly	
6	Provide detailed guidance to other IIM Project Team coordinators not complying with project	Project Team		Quarterly	
7	Assessment/Reporting on IIM Projects progress	Project Team		Quarterly	

	Started
	Not Started
	Behind schedule
	Completed