

IDENTIFICATION AND DEVELOPMENT OF CNS PROJECTS

1. Project Identification

AFI Region	PROJECT DESCRIPTION (DP)	DP N° XX	
<i>Programme</i>	Title of the Project	Start	End
<i>CNS</i> Programme Facilitator: [ROs]: RO CNS	AFI-GGCOM AFI Regional Ground Communication Modernization Project coordinator: TBD	01/12/2025	31/12/2026
Rationale	The AFI Region is transitioning from legacy ground-ground communication systems (AFTN) to modern, interoperable platforms such as AMHS and AIDC. This modernization is essential to support seamless coordination between Air Traffic Service Units (ATSUs), improve data exchange, and align with ICAO's Global Air Navigation Plan (GANP) and ASBU modules. The lack of standardization and limited interoperability currently hinder efficiency and safety in cross-border coordination.		
Objective	To implement seamless ground-ground (G-G) communication exchange across the AFI Region through the standardized deployment of AMHS and AIDC systems, ensuring interoperability, efficiency, and alignment with global aviation standards.		
Scope	The project covers all AFI States and focuses on: <ul style="list-style-type: none"> • Migration from AFTN to AMHS • Implementation of AIDC between adjacent automated centers • Development of regional roadmaps, technical packages, and testing platforms • Capacity building and pilot implementations 		
Metrics	<ul style="list-style-type: none"> • % of AFI States with national AMHS migration plans • Number of States with operational AIDC interconnections • Completion of the regional AIDC and AMHS roadmaps • Participation in regional training programs 		
Strategy	The project will be implemented by communication (COM) selected experts (among experts nominated by States and Organizations, coordinated by a Project-Team Coordinator, and supervised by Project Facilitators (ROs/CNS, Dakar and Nairobi) using the IIM SG working methodology. Upon task completion, results will be submitted to the Project Facilitators for review and, if necessary, approval by the PRCC. Regular meetings will be held with relevant stakeholders to support collaborative decision-making. Key strategic actions : <ul style="list-style-type: none"> • comprehensive implementation guidance material. • Prioritize the deployment of AMHS and AIDC. Once the documents and tools are developed and validated, the project shall be closed. The project team experts will remain available to support States through targeted assistance missions, including pilot projects		
Related projects	AFI-IATI		
Relationship with the regional plans	AFI-GGCOM directly supports the implementation of the AFI Air Navigation Plan (ANP) and contributes to ICAO's ASBU modules B0-FICE and B1-FICE, which promote the use of AMHS and AIDC for improved coordination and data exchange between ATS units.		

2. Project Deliverables

Project deliverables					
Reference	Description	Responsible party	Delivery date	Status of Implementation	Comments
Composition of the project team					
DEL01.1	Composition of the project team				Coordinate with States and Organizations to nominate qualified subject matter experts for the project team
DEL01.2	Project kick off meeting (online meeting)				Convene an initial virtual meeting with project team members to officially launch project activities.
Documents and tools for ATS Inter-Facility Data Communication (AIDC) implementation					
DEL02.1	Identification of necessary documents and tools for AIDC implementation				Identify and plan the development of documents and tools needed to effectively assist States in the implementation of AIDC This list includes Regional AIDC Implementation Roadmap
DEL02.2	Development of documents and tools				Develop identified documents and tools for assisting States in the implementation of AIDC
DEL02.3	Workshop for the validation of documents and tools				Organize a workshop with Experts from States and Organisations and the project team members to validate the documents and tools developed.
Documents and tools for AMHS implementation					
DEL03.1	Identification of necessary documents and tools for AMHS implementation				Identify and plan the development of documents and tools needed to effectively assist States in the implementation of AMHS <i>including AMHS Implementation Package, Regional migration plan from AFTN to AMHS for all AFI States</i>
DEL03.2	Development of documents and tools				Develop identified documents and tools for assisting States in the implementation of AMHS
DEL03.3	Workshop for the validation of documents and tools				Organize a workshop with Experts from States and Organisations and the project team members to validate the documents and tools developed.

3. Resources

Resources required	<ul style="list-style-type: none"> - Selected experts from States and Organizations to conduct the project activities, - Funds for conducting the documents validation workshop,
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4. Project Costing

Activities	Expenditures		
	Total	2026	2027
Deliverable 1 Composition of the project team			

Activities	Expenditures		
	Total	2026	2027
Activity #1.1 Selection of project team experts	0	-	-
Activity #1.2 Project launching webinar	0	-	-
Deliverable 2 Documents and tools for ATS Inter-Facility Data Communication (AIDC) implementation			
Activity #2.1 Identification/ confirmation of necessary documents and tools	0	-	-
Activity #2.2 Development of documents and tools	0	-	-
Deliverable 3 Documents and tools for AMHS implementation			
Activity #3.1 Identification/ confirmation of necessary documents and tools (DEL03.1, DEL03.2)	0	-	-
Activity #3.2 Development of documents and tools	0	-	-
Activity #2.3 and Activity #3.3 Workshop for the validation of AIDC and AMHS tools documents and tools (refers Activity #2.3)	47,660		47,660
Total			