

GREPECAS PROJECT B2

B2	PROJECT DESCRIPTION (PD)	CAR/SAM Air Navigation Operational Efficiency Programme	
ICAO Coordinator: ROs AGA	Project Title	Start date	End date
Project Leader (State): <i>Joel Cordero - PERÚ</i>	Improvement of Airport Surface Operations	Nov 2025	Nov 2028
Objective	Support the implementation of appropriate Apron Management and Surface Movement Guidance and Control Systems (SMGCS) services at selected aerodromes in the CAR/SAM regions, as a critical basis for improving the apron operations safety, increasing airport capacity, and prepare the terrain for future implementations of advanced collaboration concepts, such as the A-CDM and other operational efficiency improvements.		
Scope	Selected aerodromes in the CAR and SAM Region		
Justification	The origin of this project is the A-CDM F3 project, which was restructured at the Twenty-Second GREPECAS Meeting. This new project is based on a comprehensive assessment of the regional context and the actual needs of aerodromes in the CAR/SAM Regions. - Studies conducted by the ICAO NACC and SAM Regional Offices under the F3 project concluded that the implementation of A-CDM, as originally defined in the European context, is not directly applicable to the CAR/SAM Regions, as it was designed to mitigate the effects of airspace management policies and departure delays that have not been implemented in our region.. - A significant lack of apron management and systems to improve situational awareness on the ground at airfields in the region was identified, a prerequisite for more advanced collaborative approaches in airports. - Although capacity is an issue at some airports in the region, the implementation of A-CDM is not the direct solution to this challenge. - It is recognized that the basis for an improvement in airport capacity is the implementation of appropriate platform management services and advanced SMGCS systems. - This restructuring aligns with the correct implementation of the provisions contained in sections 9.5 and 9.8 of Annex 14, Volume I, Chapters 1, 7 and 9, Part II of PANS-Aerodromes (Doc 9981), and the guidance provided by Doc 9137, Part 8 (Platform Management), Doc 9476 (SMGCS) and Doc 9430 (A-SMGCS). Therefore, this restructuring seeks to address the specific needs of the CAR/SAM region, focusing on the implementation of Apron Management and SMGCS and/or A-SMGCS as a fundamental basis for future improvements in airport safety, efficiency, and capacity.		
Indicators	- Percentage of international aerodromes that have implemented Apron Management services, among the ones that the necessity was determined. - Percentage of aerodromes that have implemented or improved their SMGCS. - Reduction in apron safety incidents. - Improved break-in times and reduced surface delays. - Increase in the operational capacity of the apron and maneuvering areas. - GANP KPI01, KPI02, KPI 09, KPI10, KPI 11, KPI13, KPI14, KPI21		
Required Resources	- High-level engagement of participating States, airport operators and air navigation service providers. - Appointment of experts in airport management and SMGCS systems. - Resources for evaluation, implementation and updating of systems and procedures.		

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	• Training programmes for airport and air traffic control personnel. • Training programs for airport and air traffic control personnel.
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Activity/Action	Deliverables	Deadline	Implementation Status (SAM)	Implementation Status (CAR)	Remarks
Initial assessment of the current apron management situation and SMGCS at selected aerodromes.	Evaluation report in the CAR and SAM Region	2026	0%	0%	
Determination of aerodromes where implementation of Apron Management is necessary and priority of implementation	1. Methodology for determining necessity for Apron Management 2. List of aerodromes where Apron Management is necessary, in order of priority	2026	0%	0%	
Development of regional guides for the implementation of Platform Management services and improvement of SMGCS.	SMGCS Regional Guides	2026	0%	0%	
Pilot implementation of Apron Management services at selected airfields	1. List of priority aerodromes. 2. Report on the pilot case	2027	0%	0%	

Activity/Action	Deliverables	Deadline	Implementation Status (SAM)	Implementation Status (CAR)	Remarks
Implementation or improvement of SMGCS in selected aerodromes.	1. Technical assistance missions. 2. Reports on results.	2028	0%	0%	
Development and realization of knowledge dissemination events	Taller Webinar	2026	0%	0%	