



*International Civil Aviation Organization*  
South American Regional Office - Regional Project RLA/06/901  
**Implementation Meeting of A-CDM States – Industry for the SAM  
Region – GROUP 1 (BRA, CHL, COL, PER, PAN)**  
(Zoom Platform, 18-19 November 2021)

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**AGENDA ITEM 1: GREPECAS F3 project on A-CDM implementation for ICAO’s CAR and SAM regions**

**PROJECT TO SUPPORT THE HARMONIZED IMPLEMENTATION OF A-CDM  
IN THE SAM REGION**

(Presented by the Secretariat)

**EXECUTIVE SUMMARY**

This paper presents to the meeting a summary of the GREPECAS F3 project on harmonized implementation of A-CDM in the CAR and SAM regions.

*Suggested actions:* see section 4.

**1. INTRODUCTION**

1.1 According to Doc 9854, the main challenge for aerodrome operators will be to provide sufficient aerodrome capacity, while the challenge for the ATM system will be to ensure that all available capacity is utilized fully and efficiently. To provide a more efficient use of the aerodrome capacity, the Secretariat proposed a Project under the aerodrome program F, which will support the harmonized implementation of the A-CDM in some airports, to be considered by GREPECAS.

1.2 Until 2019, it had been identified that there was a lack of airport infrastructure capacity in some important connection hubs in the SAM Region. This has led to an increase in costs, saturation, delays, inefficiencies and the loss of opportunities due to lack of space to operate, thus acting against the long-term national and regional common interest of obtaining increasing air connectivity benefits.

1.3 To cope with this situation, many States and airports became involved in infrastructure development projects, however, most of them have a very wide scope and have a long time horizon from planning to completion (along with the high costs and space requirements). Meanwhile, States and airport operators need to find ways to increase the efficient use of installed infrastructure to generate more capacity to meet demand.

1.4 In light of events such as the global COVID-19 pandemic in early 2020, the aviation industry has been hit hard. Most stakeholders advocate a collaborative approach to concentrate efforts that could help involved parties to learn and understand the different initiatives and their impacts, to ensure an orderly and harmonized reactivation. Although the traffic levels are not the usual ones, it is expected that as air operations are resumed, some A-CDM elements could benefit the orderly recovery.

## 2. ANALYSIS

2.1 After several activities with the objective of providing know-how and create awareness to stakeholders of the SAM and CAR Region about the benefits of Airport Collaborative Decision Making (A-CDM), which is part of the Global Air Navigation Plan (GANP) ASBU , in July 2019 the GREPECAS Program and Project Review Committee (PPRC/5) Meeting ratified the PPRC/05/06 Decision that approved the ICAO Secretariat to present a new F3 Project under the GREPECAS AGA Program, related to the implementation of Collaborative Decision Making at the Airport level for the CAR and SAM Regions. The business case of this project can be consulted [here](#).

2.2 This project proposes a better use of airport capacity in congested aerodromes by establishing regional **guidelines and a regional guide** to implement B0-ACDM ([Airport Collaborative Information Sharing Platform](#)) and subsequently selected elements B1, B2 and B3 (as needed ) in the CAR & SAM Region.

2.3 This is done with the aim of encouraging both States and Industry to define a common implementation approach, especially by defining **a common acronyms vocabulary** and methodologies in order to ensure a harmonized regional environment.

## 3. CURRENT WORK

3.1 As the first product of this effort, an A-CDM Implementation Guide was prepared with EUROCONTROL and IATA's support. This guide has been developed in accordance with the Global Air Navigation Plan (GANP) 6th Edition objectives, the results of an A-CDM regional survey (SAM region), a similar guide prepared by the ICAO Regional Office of the Asia Pacific Region and the results of the different events held by the SAM and CAR Office (as of December 2019, 4 events).

3.2 The guide can be consulted, both in English and Spanish, at: [https://www.icao.int/SAM/Pages/ES/eDocuments-v18\\_ES.aspx?area=AGA&cat=ACDM](https://www.icao.int/SAM/Pages/ES/eDocuments-v18_ES.aspx?area=AGA&cat=ACDM)

3.3 In addition, at the last GREPECAS/19 meeting, the Peruvian State proposed a new Project coordinator, who will work together with the Secretariat and States experts, Airports, International Organizations and Industry that wish to support the implementation efforts.

3.4 Currently, with the completed implementation guide, it is required to validate its content. Then, the following project proposed phases will follow, which include its incorporation into Volume III of the CARSAM Regional Air Navigation Plan, so that it becomes an implementation commitment at certain airports, based on their performance expectations (to be defined) . An extract of the proposed plan in the project's Business Case is presented as Attachment A to this note.

## 4. SUGGESTED ACTION

4.1 The First States-Industry Meeting on the implementation of A-CDM in the SAM Region is invited to:

- a. Take note of the information presented in this working paper;

- b. Analyze the level of harmonization between the current implementations in progress and the parameters indicated in the regional guide, especially what is contained in table 3-1 and table 3-2;
- c. Comment on your experience and recommendations to the Secretariat to ensure the objectives of having harmonized implementations that guarantee future interoperability and equivalent procedures for flight crews.

- END -

**ATTACHMENT A**  
**PROJECT F3 PROPOSED PHASES ON A-CDM IMPLEMENTATION**

<b>Phase</b>	<b>Activity</b>	<b>Proposed dates</b>
Phase 1	Start and initiation stage. States approve the project Designated Task Force / Project Team PID, plan preparation	2019-20
Phase 2	Agreed terms of reference Regional guidance material (GM) preparation and validation Proposal on a regional airport capacity evaluating methodology. Project Team guidance material approval Regional policy project.	2020-21
Phase 3	The States will support the regional policy implementation. Regional ANP amendment approved.	2022
Phase 4	States/Airports will propose Pilot Projects for their implementation. Pilot projects approved MoU for the pilot project deployment	2021-22
Phase 5	Pilot project implementations <ul style="list-style-type: none"> <li>• Project preparation</li> <li>• Designated ACDM Project Local Workgroup / Team</li> <li>• Inventory and GAP analysis (by Project Team)</li> <li>• Airport's CDM platform creation</li> <li>• ACIS implementation</li> </ul>	2022-forward
Phase 6	Reports and monitoring	2022-forward

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