



CMD/ACDM/ ATFM implementation in Africa

(Presented by CANSO Africa Region)

SUMMARY

One of the conclusion of APIRG 21 was that Africa needs to ensure the Seamless Operations of Air Traffic Management in Africa to ensure the synergetic implementation of a AFI Seamless Sky:

Consequently, all the Regional Economic Communities (e.g. SADC, EAC, ECCAS, ECOWAS, and COMESA) as well as ANSPs serving multiple States (Robert FIR & ASECNA) were invited to develop a clear and agreed roadmap, in consultation with users, for the implementation of seamless, harmonized, interoperable Air Traffic Management systems and procedures with clear benefits to the aviation stakeholders.

1. INTRODUCTION

- 1.1 CANSO has actively supported the implementation of CDM/ATFM practices in many parts of the world: Through these initiatives CANSO supports collaboration and is committed to improve the efficiency of air transport
- 1.2 CANSO has developed the A-CDM guide document which A-CDM implementation process
- 1.3 CANSO is currently developing a guide to assist ANSPs in implementing the CDM\ATFM
- 1.4 The guide supports ANSPs by outlining topics for consideration such as the development of appropriate concept of operations.
- 1.5 The item was discussed during the APIRG Airspace and Aerodrome Operations subgroup

2. DISCUSSION

CANSO organized a CDM conference in Uganda in 2016 and recently organized another CDM/A-CDM /ATFM symposium in Durban South Africa to further implement the decisions of the Uganda conference. The symposium was attended by airports, ANSPs, IATA, CANSO and ICAO and the National Department of Transport of South Africa.

The topics of the symposium were as follows:

- 2.1 ATNS presented the report back and recommendations of CDM workshop which took place in Uganda in November 2016
- 2.2 Understanding CDM and A-CDM
- 2.3 A-CDM processes and Benefits
- 2.4 Principles of Collaborative Decision-Making
- 2.5 A philosophy of open communication exchange
- 2.6 Airport CDM Stakeholders airport collaborative decision-making approach
- 2.7 Main Benefits Derived from an Airport-CDM initiative, Implementation, Airport- CDM
- 2.8 Collaboration Levels, Steps to Success
- 2.9 The Silo effect-Slowing down operational efficiency at airports
- 2.10 Impact of CDM and A-CDM on Safety

The symposium concluded that:

- The AFI region is lagging in the implementation of CDM processes
- There is a need for all industry stakeholders to be involved in collaborative decision making in all phases of a flight
- There is critical need for sharing of information
- There is a need for continuity ,Go teams need to be established right across the continent
- There is a need to come up with guiding material and clear KPI's rather than more regulations in order to create uniformity and standards
- Safety was deemed to be an area needing a focus on. A culture of collaboration is important as an enabler for the implementation of CDM/ACDM and ATFM

Commitments as a result of the outcomes of the symposium were as follows:

- ACSA, IATA and ATNS volunteered support to all who need guidance and modelling
- The decisions of the Symposium are to be escalated to the highest bodies of ICAO
- South Africa (ATNS) together with IATA and CANSO to be the champion of CDM, A-CDM and ATFM implementation in the continent
- The project will be regarded as a project under APIRG
- CANSO to present the time frame starting with the May 2018 APIRG Subgroup meeting, and AFI week in July 2018 at the DGCAA meeting

- ATNS, ACSA, and SACAA to review their ATFM post implementation processes
- By the end of June the three AMC's will have met to discuss post event implementation
- CDM to be included in the local industry meetings
- Procurement is made jointly so that CDM is included
- The concept should be included into the sub regional meetings
- Processes must be properly documented so that they can be used by other starts
- modelling from South African wearer services
- We need to develop a regional framework
- CANSO to call a workshop for evaluation

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which took place Nairobi on the 13 May 2018 and this meeting decided to establish the CDM/ACDM ATFM workgroup under the umbrella of the APIRG and Aerodrome Operations subgroup.

3. ACTION BY THE MEETING

The meeting is invited to:

- a) Adopt the establishment of the CDM/A-CDM/ATFM work group within the APIRG Airspace and Aerodrome Operations subgroup
- b) Adopt that South Africa (ATNS) to be the champion of CDM, A-CDM and ATFM implementation in the AFI region
- c) Adopt the invitation for participation of all stakeholders (ANSPs, Airports, Airlines, Ground Handlers etc.) in the workgroup
- d) Adopt the CANSO be the convener of the group