



ICAO

**Twenty-fourth Meeting of the AFI Planning and Implementation Regional Group  
(APIRG/24)**

**Agenda Item 4: Other Air Navigation Initiatives**

**4.1 Initiatives by States & Industry and other air navigation issues**

**CANSO MOMBASA ATFM ROADMAP**

*(Presented by CANSO Africa)*

<b>SUMMARY</b>	
<p>This working paper presents the <b>CANSO MOMBASA ATFM ROADMAP</b>, an initiative that has been taken by CANSO Africa to support the implementation of Seamless airspace in the Africa Region.</p> <p>Action by the Meeting is at paragraph 3</p>	
<i>Strategic Objectives</i>	<p>The CANSO MOMBASA ATFM ROADMAP is one of the Pillars to achieve seamless operations in the AFI Region. APIRG 21 Conclusion 21/XX called for all Regional Economic Communities and ANSP's to develop a clear and agreed roadmap, in consultation with users for the implementation of seamless, harmonized, interoperable Air Traffic Management systems.</p> <p>APIRG 22 approved for CANSO to implement the CANSO Mombasa ATFM Roadmap in Africa</p> <p>This paper will discuss the status of implementation of this plan.</p>
<i>References</i>	<ol style="list-style-type: none"> <li>1. CANSO Mombasa ATFM Roadmap</li> <li>2. CANSO Guide to Seamless Operations</li> <li>3. ICAO Global ATM Operational Concept, Doc 9854</li> </ol>
<i>Strategic Objectives</i>	<p>Safety, Air Navigation capacity and efficiency, Security, and environment protection</p>

**1 INTRODUCTION**

1. 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:

2. In 2018 the CANSO Africa Conference agreed and resolved to develop a strategy to implement ATFM in the AFI region. This plan is known as the “CANSO Mombasa AFI ATFM Roadmap.
3. The Roadmap is established to integrate regional ATFM systems in line with the APIRG AAO-SG project 7 under the Aerodromes Operations
4. The Roadmap was endorsed at APIRG 22, ACRAA, GHANA 2019. APIRG recommended that more awareness needed to be carried out and that the roadmap be aligned with existing AFI Regional programs.

## **2 DISCUSSION**

- 2.1 On the 06<sup>th</sup> August 2020 CANSO launched the CANSO Mombasa ATFM Roadmap. The launch was a further milestone in ensuring seamless airspace across the Africa region.
- 2.2 This launch was followed by a series of webinars on CDM, ATFM and A-CDM .Further CANSO launched the Africa ATFM implementation plan -CANSO Mombasa ATFM Roadmap which would assist all who read it to implement the model in the areas.
- 2.3 On 13 August 2020 CANSO held the first series of the Roadmap webinar on Collaborative Decision Making (CDM). This webinar discussed what CDM is, why it is important, and how CDM culture can be introduced into the national and regional ATM environment. We had main speakers from ATNS, Zambia Airports, Metron Aviation, and AEROTHAI.
- 2.4 On 20 August 2020 CANSO conducted the second of the series and it focused on Air Traffic Flow Management (ATFM). The objectives of the webinar was to learn about ATFM and the balance between traffic demand and ATM resource capacity. CANSO explored how ATFM works, how it fits into the overall ATM process, and how the Africa region might go about implementing it.
- 2.5 On 27 August 2020 CANSO organized the 3<sup>rd</sup> series of the CANSO Mombasa ATFM Roadmap webinar where the topic was A-CDM. The objective of the webinar was also to learn what A-CDM is, how it works, and how it is related to the ATFM process.
- 2.6 Going forward the needs of the ANSPs are to be confirmed and further implementation action plans to be developed and implemented accordingly.

## **3 ACTION BY THE MEETING**

- 3.1 The meeting is invited to:
  - a) Note the support that CANSO has provided to ensuring seamless operations in Africa,
  - b) Urge States, ANSPs and Industry Stakeholders to embrace the initiative and endeavor to participate in it;
  - c) Note the Africa ATFM implementation plan- CANSO Mombasa ATFM Roadmap which is available on the CANSO website, and endorse the implementation done thus far.
  - d) endorses the CANSO Mombasa ATFM Roadmap as a guidance for the implementation of ATFM procedures in the AFI Region.