Twenty-Sixth Meeting of the AFI Planning and Implementation Regional Group (APIRG/26)

7 to 8 November 2023

Agenda Item 3 **Other Air Navigation Initiatives**

3.6 IATA FOCUS AFRICA – AIR TRAFFIC FLOW MANAGEMENT PROJECT

(Presented by IATA)

SUMMARY	
This working paper presents the outcome of IATA's Focus Africa Conference held in Addis Ababa in June 2023 which launched the continent-wide initiative. With reference to Air Traffic Flow Management (ATFM), the paper encourages a collaborative, approach to ATFM implementation in AFI Region by pooling together resources from across the aviation value chain. The CANSO Mombasa Air Traffic Flow Management (ATFM) Roadmap developed in 2018 has a clear action plan and needs to be implemented to maturity. IATA is committed to support the successful implementation of ATFM in the AFI Region in line with the actions workplan discussed and agreed at the Focus Africa conference. **Action by the Meeting is as per paragraph 3**	
Strategic Objectives	A-Aviation Safety, B -Air Navigation Capacity and Efficiency, D - Economic Development and E – Environmental Protection

1 INTRODUCTION

1.1 Air Traffic Flow Management (ATFM) can provide multiple platforms to support safety, fuel and flight efficiency and sustainability. ATFM is applied to situations where airspace demand exceeds capacity. However, it can also be used in differing situations.

1.2 Application of ATFM at the Strategic Pre-tactical stages provides airspace users with the confidence in the system to plan their operations, with the flexibility to optimize planning where capacity/complexity allows, providing opportunity to plan and operate the most efficient trajectories, reducing fuel, time, and CO_2 emissions and address environmental sustainability, e.g., flexible application of airspace and route restrictions, more optimal routes reduce en-route or destination holding due to traffic congestion, delayed departure on-ground to save on fuel burn. All these and other improvements contribute to airlines' cost-containment strategies.

1.3 ATFM can provide support for airline on-time performance, punctuality, network integrity, regularity of flight schedule and passenger connectivity i.e., management of passenger

misconnections and service recovery with significant cost management. Benefits of ATFM for Air Navigation Service Providers (ANSPs) are varied e.g., alleviation of unplanned inflight re-routing, management of ATCO workload, improved operational safety and efficiency, optimization of traffic flow amongst others.

1.4 ATFM also plays a critical role in airline business continuity in the case of operational disruption, contingency events e.g., industrial actions, military or civil unrest, significant meteorological phenomena and events which may cause flight disruptions, re-routing, delays, or cancellation, recovery after closure of runway (disabled aircraft on the runway).

2. DISCUSSION

2.1. IATA Focus Africa on implementation of ATFM Project is planned in collaboration with the CANSO Mombasa ATFM Roadmap and will support CANSO in implementation of A-CDM and CDM as a necessary cog in the implementation of ATFM.

2.2 Focus Africa ATFM Project Proposed Phases:

- **Phase 1**: Initiation planning, Definitions & Campaign overview i.e., goals and objective setting, workplan, resource planning, alignment and to identify teams, stakeholders, engagement structures & process etc.
- **Phase 2**: Stakeholder engagement & on-boarding i.e., adoption of CANSO Mombasa Roadmap timelines, discussions, and reviews.
- **Phase 3**: Gap analysis i.e., surveys, studies, needs assessment, required systems, procedures, processes and infrastructure, data analysis etc.
- **Phase 4**: Project launch and implementation. Re-launch implementations program based on CANSO revised roadmap.
- **Phase 5**: Continuous revies and improvements, implementation monitoring and control i.e., performance reviews, evaluation and assessments, adjustments, risk management etc.
- **Phase 6**: Program/project closure and handover to Business as Usual (BaU)

3. ACTION BY THE MEETING

3.1 The meeting is invited to,

a) Take note of the information in this working Paper,

b) Note the synergy and collaboration between CANSO and the Focus Africa ATFM Project Team,

c) Support Focus Africa ATFM Project in collaboration with CANSO Mombasa roadmap,

d) Note the ATFM project management program implementation within prescribed Phases, and

e) Encourage States/ANSPs and other aviation stakeholders to increase efforts to implement ATFM in the region.

Attachment

….End….