



canso

civil air navigation services organisation

ICAN2018
10-14 DECEMBER 2018
NAIROBI, KENYA

MOMBASA ROADMAP



canso
civil air navigation services organisation

Points for discussion

- Who we are
- Main Goals
- Why Sustainable and Efficient Operations through (CDM) and A-CDM
- The MOMBASA ROADMAP
- Way Forward

WHO WE ARE



- Civil Air Navigation Services Organisation
- Global Trade Association for ANS providers
- Open to all aviation industry players
- Founded 1997, based in Amsterdam
- Worldwide 63 Full & 65 Associate Members
- Handled more than 75 million movements

MAIN GOALS



- CANSO creates an international forum for discussion of Air Traffic Management related issues, where all aviation stakeholders unite to develop and exchange ideas in support of global Air Navigation Services
- CANSO represents the views and interests of Members at the relevant international institutions
- CANSO promotes a safe, customer focussed, cost effective and stakeholder driven civil Air Navigation Service Provision

Why Sustainable and Efficient Operations through (CDM) and A-CDM

- APIRG 21 concluded that Africa needs to ensure Seamless Operations of Air Traffic Management In Africa.
- All AFI Regional Building Blocks (e.g. SADC, EAC, ECOWAS, Roberts FIR, COMESA and ASECNA) were invited to develop a clear and agreed roadmap, in consultation with users, for the implementation of seamless, harmonized, interoperable Air Traffic Management system
- CANSO supports collaboration and is committed to improve the efficiency of global air transport, as a result CANSO has developed a Guide to assist in implementing the A-CDM concept and processes.
- The guide supports ANSPs by outlining topics for consideration such as the involvement of relevant stakeholders when implementing A-CDM.
- CANSO also supports regional and local development and implementation initiatives by providing practical information and through seminars and workshops.
- CANSO has already organized CDM and A-CDM Symposium in Uganda and Durban

-
- Recently The CANSO Africa conference 2018 under the theme **“Improving Efficiency through Collaborative Decision Making and Air Traffic Flow Management ”** took in Mombasa,
 - The aim of the Conference was to define further steps to implement CDM/A-CDM as well as ATFM across Africa
 - The conference was hosted by KCAA and was attended by 197 delegates from 27 countries.

-
- The discussions focused the role of collaborative decision-making (CDM) and air traffic flow management (ATFM) in achieving seamless operations in air traffic management (ATM).
 - The Conference heard:
 - 1 feedback from CANSO Uganda and ATNS symposia and conferences
 - 2 It also discussed the impact of new technologies on the implementation of CDM in other parts of the world and their applicability to the AFI region.

-
- Africa ANSP DG's, CEOs and industry players presented the extent of CDM and ATFM implementation in their areas;
 - Breakout groups discussed what needs to be done to implement CDM and ATFM in Africa.
 - Another key element for improving the efficiency of airspace is performance-based navigation (PBN). The Conference heard about progress in implementing PBN in Africa and discussed where further progress can be made and how.

-
- The Conference provided update on the latest developments and progress in the Africa ATM Safety Peer Review Initiative and discussed the way forward.
 - Finally, emanating from the group discussions, the Conference developed AFI action plans to implement CDM and ATFM which the Director Generals and CEOs were requested to commit to their participation to

-
- **The influence of technology as an enabler of CDM**-This session analysed the initial implementation of CDM and described some of the tools and technologies that have been developed as part of the CDM effort and explore the future research on CDM technology
 - The Development plan for implementing CDM and ATFM in Africa was finally discussed a universal plan for implementing CDM in Africa was recommended so that the Africa Region will have acceptable standards for implanting CDM, ACDM and ATFM in Africa-This sessions discussed and recommended the universal plans for implementing CDM in Africa so that the Africa Region will have acceptable standards for implanting CDM, ACDM and ATFM

THE MOMBASA ROADMAP-SEVEN EMERGING ISSUES



➤ **COLLABORATION**

The conference concluded that the Regional Air Navigation Service Providers (ANSPs), CANSO and Stakeholders should team up intentionally and avoid individualism to make CDM/ATFM a success in Africa

➤ **TECHNOLOGY and INNOVATION**

The Africa region must start at the current basic level and develop /evolve gradually by adopting emerging technologies.

➤ **POLICIES and REGULATIONS**

Harmonization of policies and regulations to standardize procedures

➤ **DATA and INFORMATION SHARING**

Information on data sharing

➤ **MEMBER'S COMMITMENT**

DG of TCAA and AFC3 Chairperson, DG of KCAA, MD of Uganda, CEO ATNS and MD of Nigeria NAMA openly supported the motion of Commitment to implement CDM and ATFM in Africa region

➤ **IMPLEMENTATION of CDM/A-CDM and ATFM**

We should develop implementation plan immediately with clear objectives, strategies, targets and time frames' will create an implementation plan for development. The result will be the safer, more efficient, and harmonised flow of air traffic in Africa, with fewer disruptions and delays. CANSO will contribute its global expertise and best practice guidance in this area.

- CANSO Member ANSPs including the East African Community, (Tanzania Civil Aviation Authority, Kenya Civil Aviation Authority, Civil Aviation Authority Uganda), Mozambique Airports, Ghana Civil Aviation Authority, Zambia Airports Corporation Limited, NAMA of Nigeria, ATNS of South Africa, and key aviation industry stakeholders agreed to create and support CANSO air traffic flow management (ATFM) and collaborative decision-making (CDM) initiative to help to further improve the safety, efficiency and effectiveness of African airspace.
- The project was named **Mombasa ATFM Roadmap**

WAY Forward

- To align project with ICAO processes
- Get more support and participation from the AFI region

The purpose of this session is to create an awareness of the program and request participation from AFI ANSP organizations

THANK YOU FOR YOUR ATTENTION