



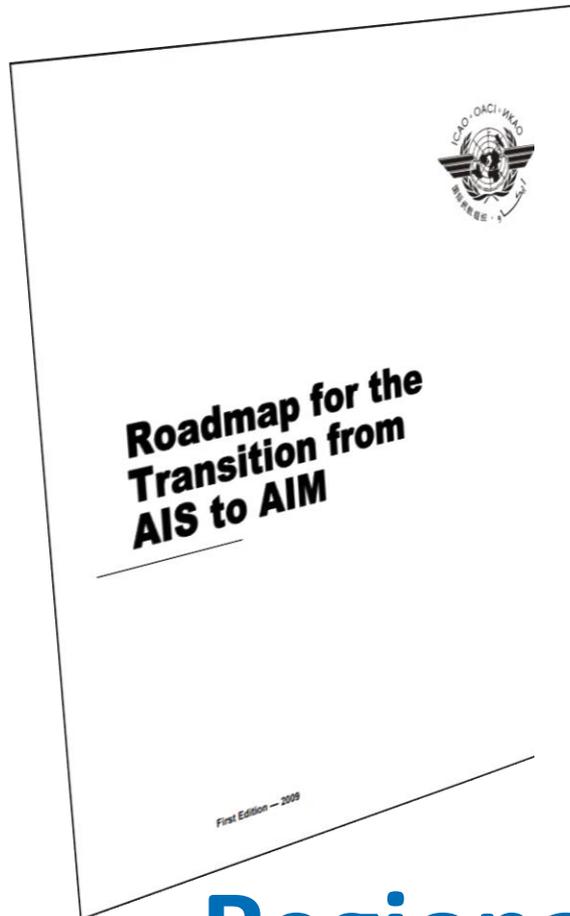
ICAO

UNITING AVIATION

Regional Implementation & Planning

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RO/AIM

AFI



Regional Implementation

AFI Air Navigation Region





Measuring Against the Global Plans-**AFI REGION**

AFI Regional Performance Dashboards

AIR NAVIGATION

Indicators/Metrics

- 1. PBN Approach (HQ data)**
% of runways at international aerodromes (as defined in DOC7910/AIP) with APV
- 2. ATFM (Regions data) - TBC**
% of States using ATFM measures where required
- 3. AIM (Regions add Phase 2 data)**
Status of implementation of selective steps
- 4. Ground-Ground Digital Coordination/Transfer (Regions data)**
% of FIRs within which all applicable ACCs have implemented at least one interface to use AIDC/OLDI with neighboring ACCs
- 5. Environmental Benefit (HQ data)**
% fuel burn reduction

B0-DATM (B0-30)

- % of States WGS-84 Implemented: **99%**
- Number of States with WGS-84 Implemented: **47**
- % of States e-TOD Implemented: **25%**
- Number of States with e-TOD Implemented: **6**
- % of States with e-AIP Implemented: **45%**
- Number of States with e-AIP Implemented: **22**
- % of States with Digital NOTAM Implemented: **0%**
- Number of States with Digital NOTAM Implemented: **0**

(also possible success stories for GANR)



AFI REGION AIS-AIM Transition Projects

- **APIRG AIM T Projects**

Project AFI AIM/1: Assessment and development of QMS applied to AIM in AFI States

- The scope of the project involves the **organization of a Seminar/Workshop in August 2018 hosted by Kenya KCAA in Nairobi Kenya** supported and sponsored by the AFI PLAN.
- *(The assessment and identification of implementation levels associated to quality management in AIM services in the Region. Drafting of an action plan and guides for the implementation of QMS in a digital/electronic AIM environment)*

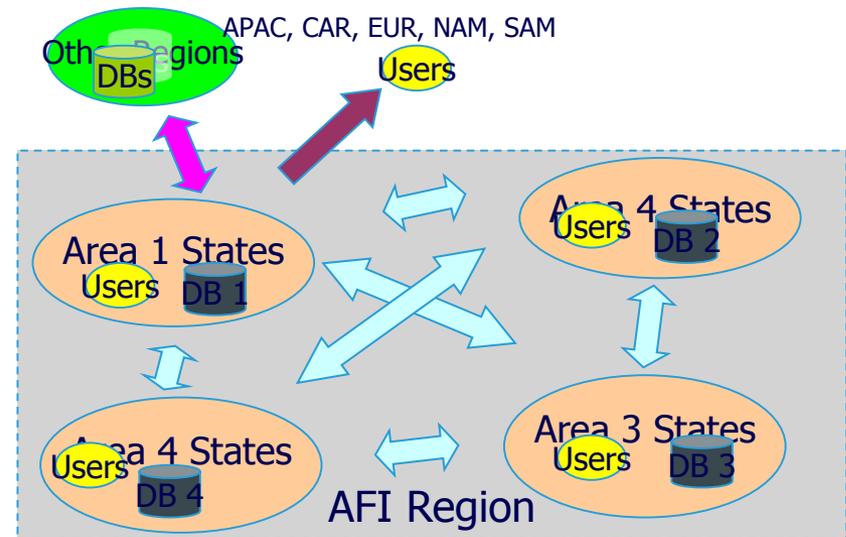
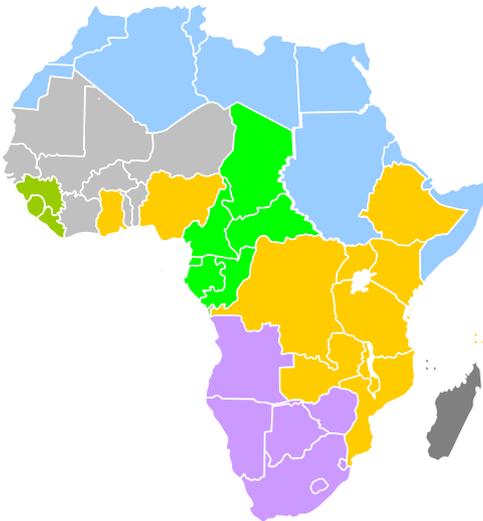
Project AFI AIM/2: Implementation of Aeronautical Information Exchange Systems (AIXM) (AFI)

- The scope of the project involves the **organization of a Seminar/Workshop in September 2018 hosted by ATNS in Johannesburg South Africa**. This Project involves all States in the AFI Region and is sponsored by ICAO Council Special Implement Project for 2018.
- *(The evaluation and identification of automation levels associated to the integration of the aeronautical information and data exchange model in the Region, through surveys, the identification of database providers, and the follow-up on the development of SARPs on this matter)*

Project AFI AIM/3: AFI Implementation of the provision of electronic terrain and obstacle data (e-TOD) (AFI Region)

- The scope of the project involves the **organization of a Seminar/Workshop in November 2018 hosted by ICAO WACAF Office in Dakar, Senegal** This Project involves all States in the AFI Region and is sponsored by ICAO Council Special Implement Project for 2018.
- *(The assessment and identification of implementation levels associated to the provision of electronic terrain and obstacle data. It contemplates the drafting of an Action plan and guides for the implementation of e-TOD to support developments in the provision of electronic terrain and obstacle data for the evolution of digital terrain models)*

- 4 AIS/AIM Databases across the AFI Region where consistent and high quality aeronautical data of the Region will be made available to airspace users and others





1. Just like the EAD, the concept of the AFI-CAD when implemented will offer all AIM related tasks including even the classic AIM Services to reduce the ANSPs effort and timelines needed by the States on their way to the AIS/AIM transition process.
2. Some AFI States are facing a lot of challenging tasks in the AIS/AIM Transition process and it is anticipated that implementation of the AFI-CAD would provide the following solutions :
 - Support to the e-AIP Production
 - Support to the charting production
 - Other tailor made solutions taking into account the necessities of States

• 3. **APIRG/21- CONCLUSION 21/14: AIXM IMPLEMENTATION**

That, in order to comply with the schedule for AIXM implementation based on the project deliverables for the AFI-Region as defined by the IIM/SG, States are urged to comply with the migration process to the identified Regional AIS Regional Databases in accordance with the AFI-CAD Concept.





- North American Central American and Caribbean (NACC) Office
Mexico City
- South American (SAM) Office
Lima
- ICAO Headquarters
Montreal
- Western and Central African (WACAF) Office
Dakar
- European and North Atlantic (EUR/NAT) Office
Paris
- Middle East (MID) Office
Cairo
- Eastern and Southern African (ESAF) Office
Nairobi
- Asia and Pacific (APAC) Office
Bangkok

Thank You