



CHALLENGES OF ASBU IMPLEMENTATION IN ANGOLA

 Nairobi |  07-08 July 2025

ANGOLA CAA



General context



- Weather forecasting is part of the pillar for civil aviation safety and efficiency.
- The ASBU MET (Block 0, Block 1) aims to improve the exchange of MET information in support of air operations.
- Angola is committed to the implementation of ASBU blocks in accordance with the Global Air Navigation Plan (GANP).
- Angola adopted a collaborative approach between CAA and MET service provider.
- Angola is developing its National Air Navigation Plan, which includes the implementation of the ASBU MET blocks.

ANAC and INAMET Cooperation



Legal and Institutional Basis

- **Memorandum of Understanding (MoU)** between ANAC and INAMET.
- **The MoU** establishes mutual responsibilities to ensure compliance with National Regulations and the ICAO SARPS
- Focus on oversight and MET service provision (INAMET).

 *Result: Establishment of a technical and operational coordination structure to boost the implementation of ASBU MET blocks and USOAP PQs.*

Modernization of INAMET

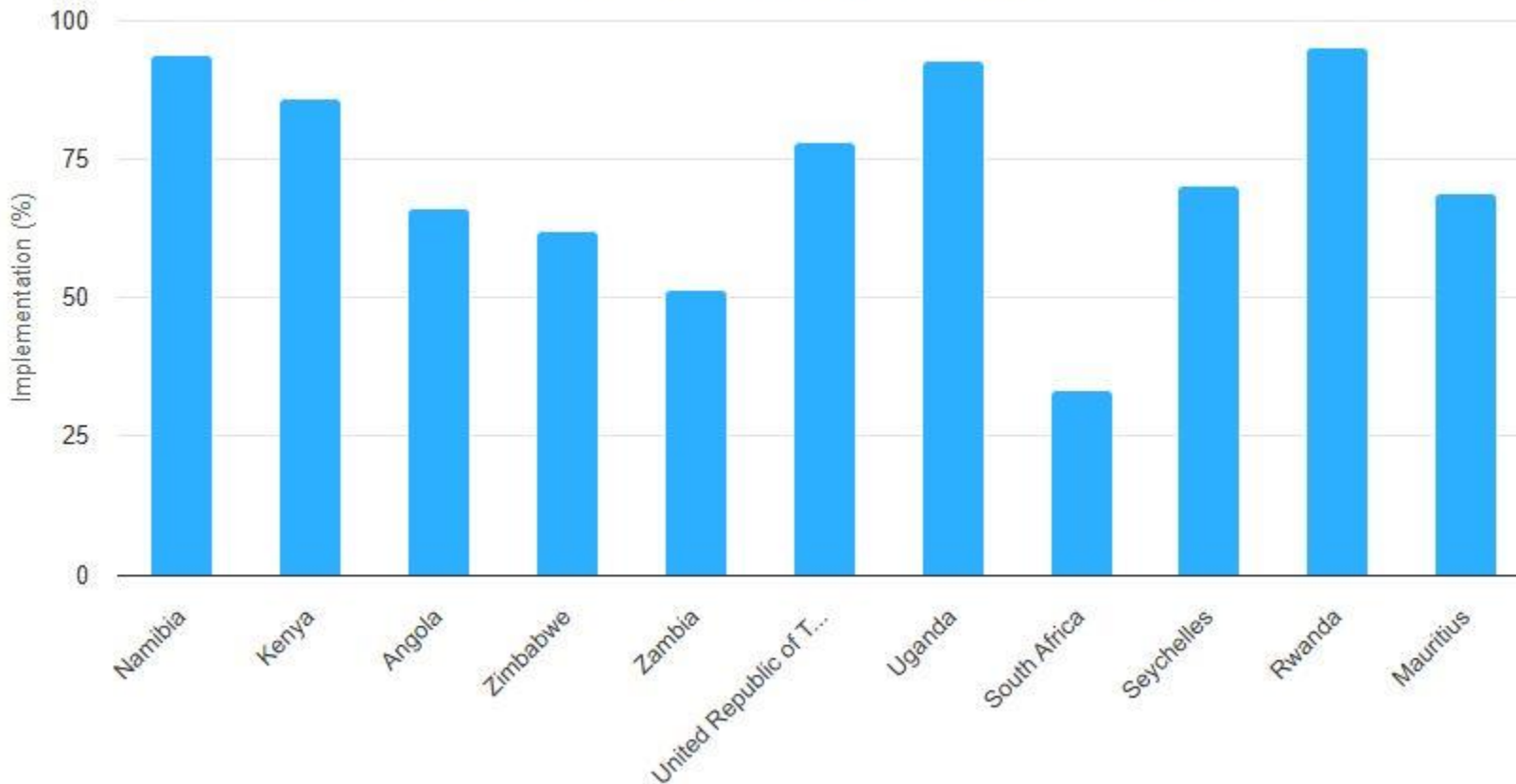


- Under the supervision ANAC, INAMET implemented a national project to modernize the infrastructure of observation and weather forecasting.
 - The infrastructure includes modern equipment: AWOS stations, servers, flight report systems and MET RADAR.
- ❖ Result:
1. Improved MET data quality.
 2. Crucial for the successful implementation of the ASBU MET modules.

ASBU MET Block 0 Implementation Level

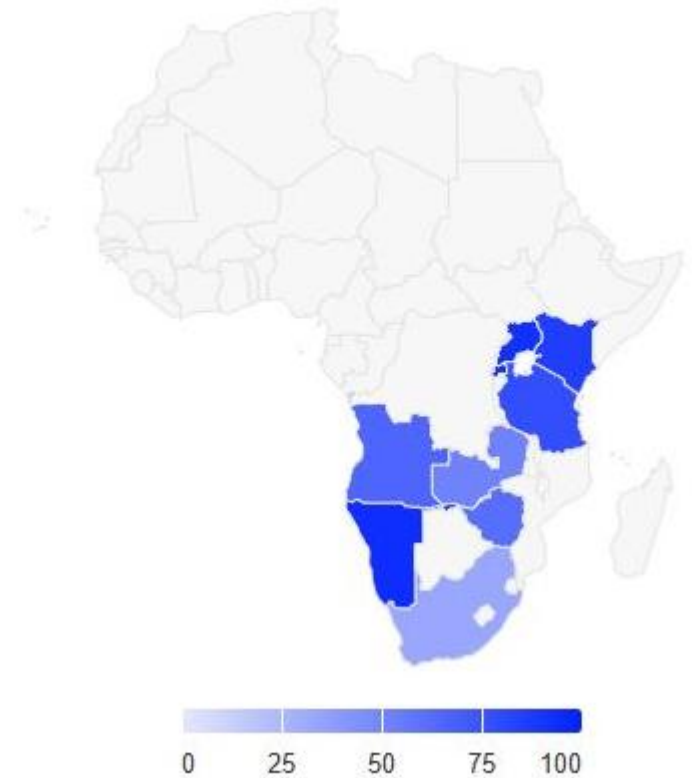


ESAF States Implementation Status [AMET-B0]



ESAF AMET-B0 Implementation Status

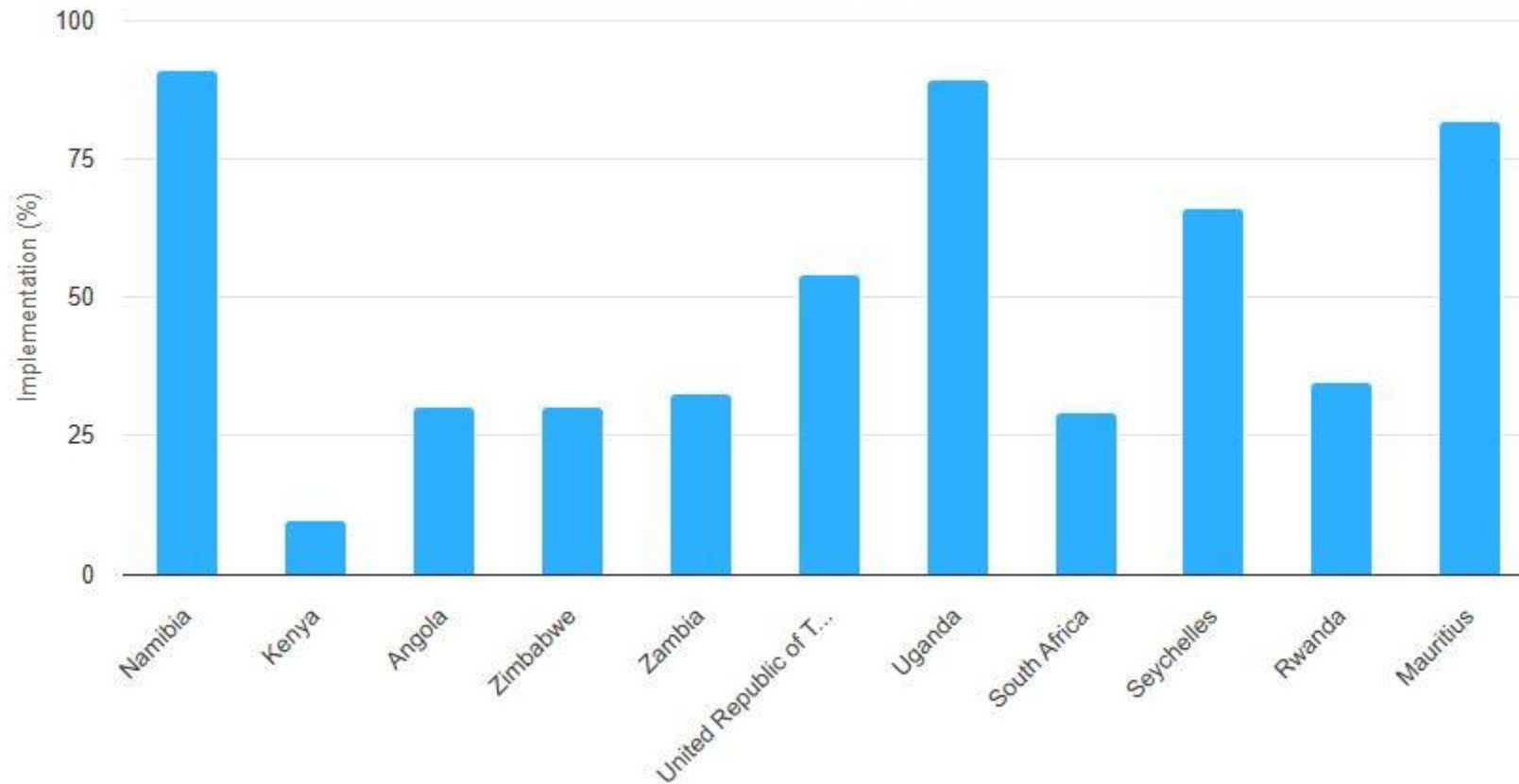
Source map: Africa



ASBU MET Block 1 Implementation Level



ESAF States Implementation Status [AMET-B1]



ESAF AMET-B1 Implementation Status

Source map: Africa



Results Achieved after last ASBU Workshop



Implementation of Block 0 – Angola

- **80% implementation**
- **Modern infrastructure boosted:**
 - ✓ Automation of METAR observations.
 - ✓ Real-time dissemination to ATS providers units.
 - ✓ Digital availability.

Current Challenges – Block 1



1. Challenges Block 0

Collection of evidences to upload in Istars Platform

2. Main Obstacles in the Implementation of Block 1



IWXXM Implementation

- Adequate infrastructure for data sharing and reception
- Specialized technical training



IT infrastructure and regional interoperability



Coordination with end users (ATC, Operators)

Lessons



Pillars of progress in Angola:

- Solid institutional cooperation (ANAC-INAMET)
- Investment in infrastructure modernization and training
- Development of the National Air Navigation Plan

Call for Regional Collaboration




Block 1 challenges, such as the IWXXM, require technical collaboration between States.

- Establishment of regional platforms for capacity building and sharing of best practices.
- Improvement of Cooperation between CAAs and MET services providers in the region can optimize resources and accelerate progress.

Final Notes



 The future requires digital transformation, interoperability, seamless and cooperation.

Africa continent needs to work together, as a region, to overcome the challenges and achieve a truly digital and integrated Aeronautical Meteorology.



Thank you !

Obrigado!

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