

AFRICAN CIVIL AVIATION COMMISSION (AFCAC)

**AVIATION INFRASTRUCTURE FOR AFRICA GAP ANALYSIS
WORKSHOP**

Abuja, Nigeria 19-21 MARCH 2019

**Status of Implementation of the Revised Abuja
Safety and ANS Targets**





OUTLINE

- ▶ **Introduction**
- ▶ **Status of Implementation of the revised Abuja Safety Targets**
- ▶ **Conclusion**



INTRODUCTION

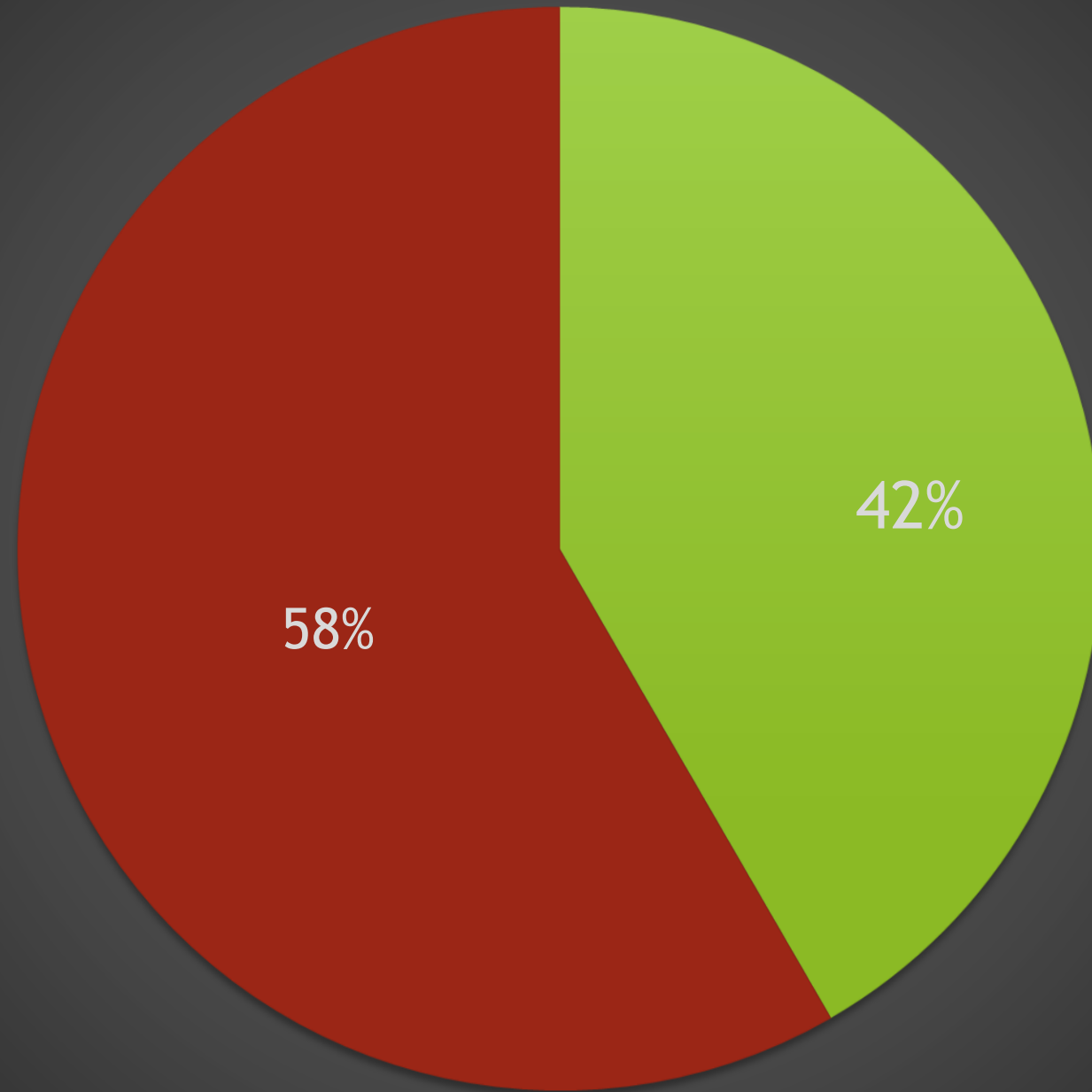
- ▶ The revised Abuja Safety Targets consist of 16 regional safety milestones agreed amongst African member States and they include ANS targets;
- ▶ Most of the new ANS safety targets are related to infrastructure development;
- ▶ The Abuja Safety Targets were initially adopted by the African Ministers responsible for civil aviation at the Ministerial Conference on Aviation Safety in Africa, from 16 - 20 July, 2012 through the Abuja Declaration on Aviation Safety;
- ▶ The AUC Specialized Technical Committee (STC) meeting on Infrastructure, Transport, Tourism and Energy, held in Lomé, Togo from 13 to 17 March 2017, agreed on the necessity of revision of the original ASTs; and
- ▶ The targets were revised through coordination efforts between ICAO, AFCAC and member States. The revised ASTs now include new ANS targets.



Status of Implementation

- ▶ AFCAC was tasked to monitor implementation of the ASTs and a monitoring mechanism was developed to achieve this purpose;
- ▶ Consistent with the mechanism, questionnaires were sent to member States in April 2018 and August 2018 to provide feedback which was meant to assist AFCAC determine the status of compliance;
- ▶ By December 2018 only 20 States had responded;
- ▶ AFCAC is now developing the initial baseline of the status of compliance using the 20 States that responded.

Out of 54 African States



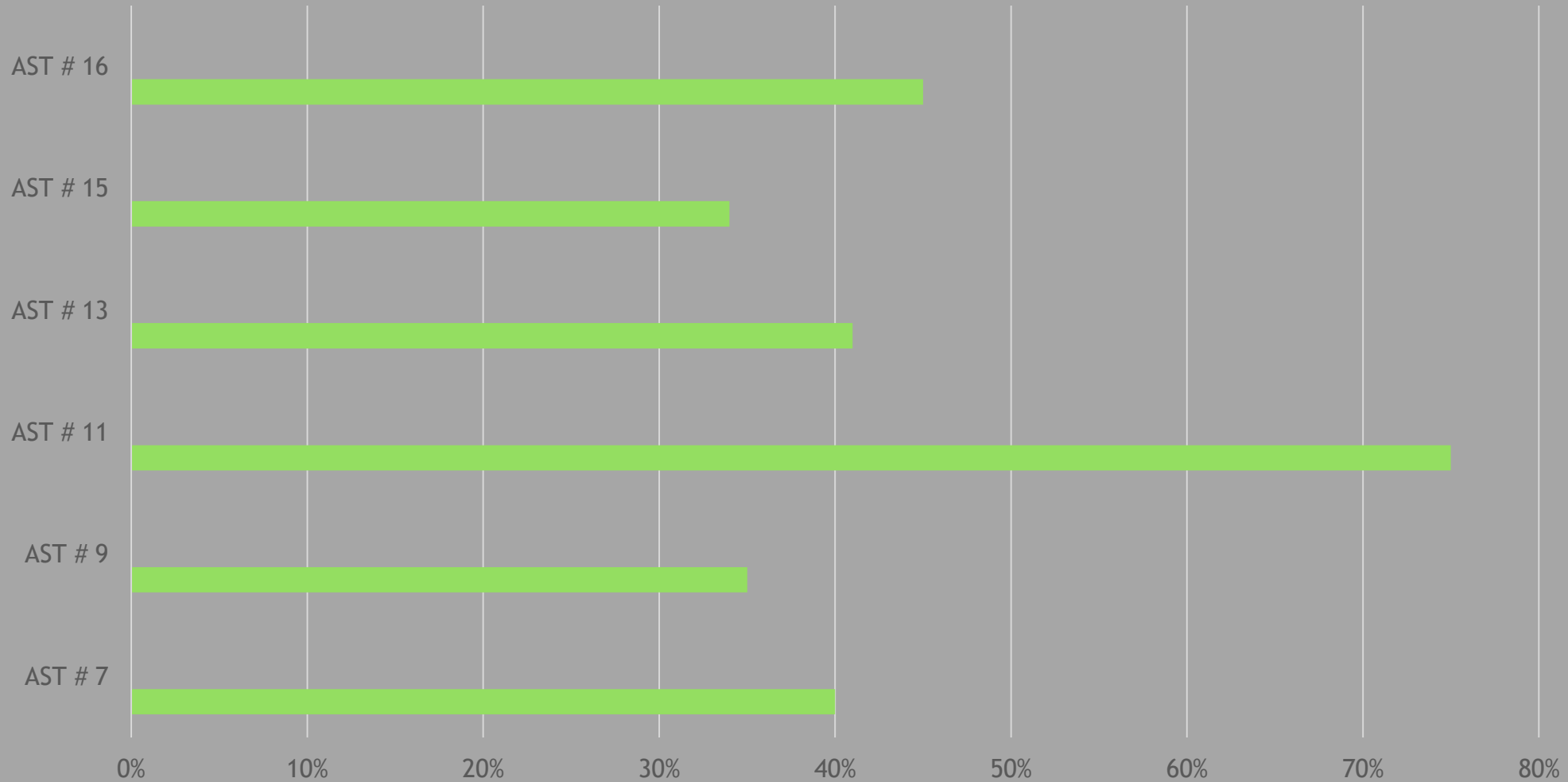
■ Responded ■ Non Response



Level of compliance of the 20 States to ASTs is....55%

Average score for Airports/ANS infrastructure related ASTs is.....45%

STATUS for 20 States





Status of implementation

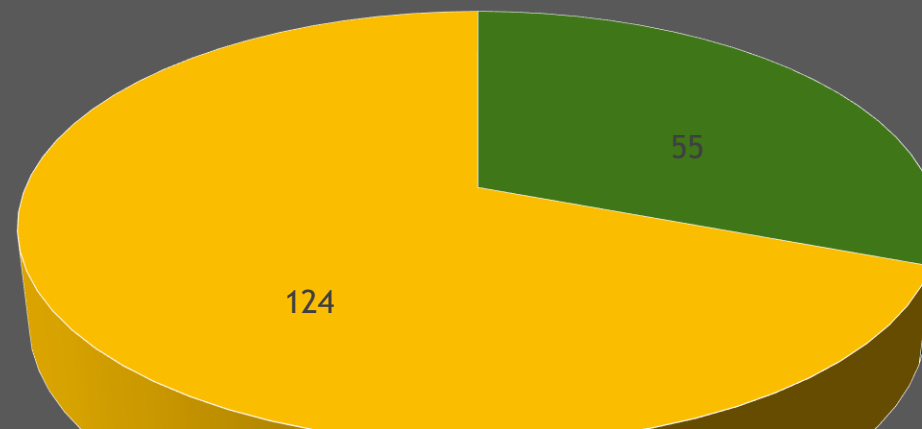
TARGET # 7

All International Aerodromes to be certified by 2022,

- At least one international aerodrome in every State to be certified by end of 2020;
- All airport operators to participate in the ICAO-recognized industry assessment programme for airports (APEX) by end of 2022;
- At least one international aerodrome in every State to establish a Runway Safety Team (RST) by end of 2020.

Target not met

As of Jan 2018, 55 out of 179 International Aerodromes within Africa were certified i.e. 30.7%





Status of implementation

TARGET # 10

All States to implement the transition from AIS to AIM:

- Development of a National Action Plan By end of 2018;
- Implementation of the National Action Plan in accordance with the ASBU Block 0 D-ATM by end of 2020.

Target not met:

- 36% of States have fully completed Phase 1 Consolidation ;
- 44% have partially accomplished Phase 2 Going Digital.



Status of implementation

TARGET # 11	All States to implement PBN procedures for all instrument runways:- <ul style="list-style-type: none">• 100% of Instrument Runways to have PBN Procedures by end of 2025;• 75% of Instrument Runways to have PBN procedures by end of 2020.
Actions/Initiatives	PBN workshops/seminars
Organisation (s) Responsible	ICAO/ AFI-Plan

STATUS

- Available information indicate the overall average of over 75% in AFI Region which is below the Global target of 100%;



Status of implementation

TARGET # 13	<p>Establishment of seamless Air Navigation Services in the AFI Region by end of 2024:</p> <p>a) All States to ensure provision of harmonized Air Navigation Services in terms of flight separation, interoperability of CNS/ATM systems to reduce airspace complexity and achieve seamless operations along major air traffic flows.</p> <p>b) Various initiatives formulated by the Regional Economic Communities (RECs) and ANSPs within the AFI Region to be harmonized.</p>
Actions/Initiatives	<p>CNS/ATM workshops/seminars SBAS/GNSS Cost Benefit Analysis (CBA)</p>
Organisation (s) Responsible	<p>AUC/ RECs/ AFCAC</p>

STATUS

- Various initiatives ongoing in AFI Region under RECs and or ANSPs.
- Activities towards integration of the arrangements programs is anticipated in near future through RECs



Status of implementation

TARGET # 14	All States to implement ASBU B0 Modules: <ul style="list-style-type: none">All States to develop National ASBU Plan by end of 2018.
Actions/Initiatives	ASBU Implémentation workshops
Organisation (s) Responsible	ICAO/ AFI-Plan

STATUS

Accurate information on current Status of ASBU implementation in AFI Region is being compiled.

IATA ASBU Tracker indicate that:

- Total % RNAV GNSS APRRCH as 59% for ESAF and 75% for WACAF;
- Total % RNAV SID as 40% for ESAF and 20% for WACAF;
- Total % RNAV STAR as 40% ESAF and WACAF 46%.



Status of implementation

TARGET # 16	All States to ensure that their ANSPs effectively participate in the African ANSP Peer Review Programme by: <ul style="list-style-type: none">▪ Joining the programme and having in place, an annual Peer Review plan of activities.▪ Develop and implement appropriate corrective action plans to satisfactorily address Peer Review recommendations.
Actions/Initiatives	African ANSP Peer Review program
Organisation (s) Responsible	ICAO/ AFI-Plan

STATUS

Membership has continued to grow with current participation including: CANSO members (all 18 ASECNA States, South Africa, 3 Robert FIR States, Uganda, Mozambique, Zambia, Algeria etc).



Conclusion

- ▶ Airports/ANS related ASTs are lagging behind other safety related AST;
- ▶ Equipment to facilitate for efficient air navigation of aircraft and airport aircraft handling is either insufficient or outdated;
- ▶ Lack of implementation in Airports/ ANS related ASTs is due to insufficient resources as substantial financial resources are required; and
- ▶ There is also general lack of a coordinated approach to development of aviation infrastructure;



THANK YOU