



SAFE SKIES.  
**SUSTAINABLE  
FUTURE.**

# AFI AVIATION SYMPOSIUM

*Libreville, Gabon*  
*18 July 2024*



# Session 3: Air Navigation Capacity and Efficiency

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Moderator: Mr. Papa Atoumane Fall

Technical Advisor ANS, ANACIM Senegal

AFI AVIATION WEEK  
Libreville, Gabon, 15-19 July 2024

# OUTLINE

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**01** AIR NAVIGATION SERVICES

**02** BASIC BUILDING BLOCKS

**03** IMPLEMENTATION STATUS  
OF BBBs

# AIR NAVIGATION SYSTEM

## Air Traffic Services

*Air Traffic control service*

*Flight information service*

*Alert service*

Airspace Management

Air Traffic Flow Management

Aerodrome and Ground Aids

-Communication  
-Navigation  
-Surveillance

Aeronautical Meteorology

Aeronautical Information Management

Search and Rescue

4

AGA

CNS

MET

AIM

SAR

ATM

02  
BASIC  
BUILDING  
BLOCK  
(BBB)

METEOROLOGICAL INFORMATION

AERONAUTICAL INFORMATION

SEARCH AND RESCUE

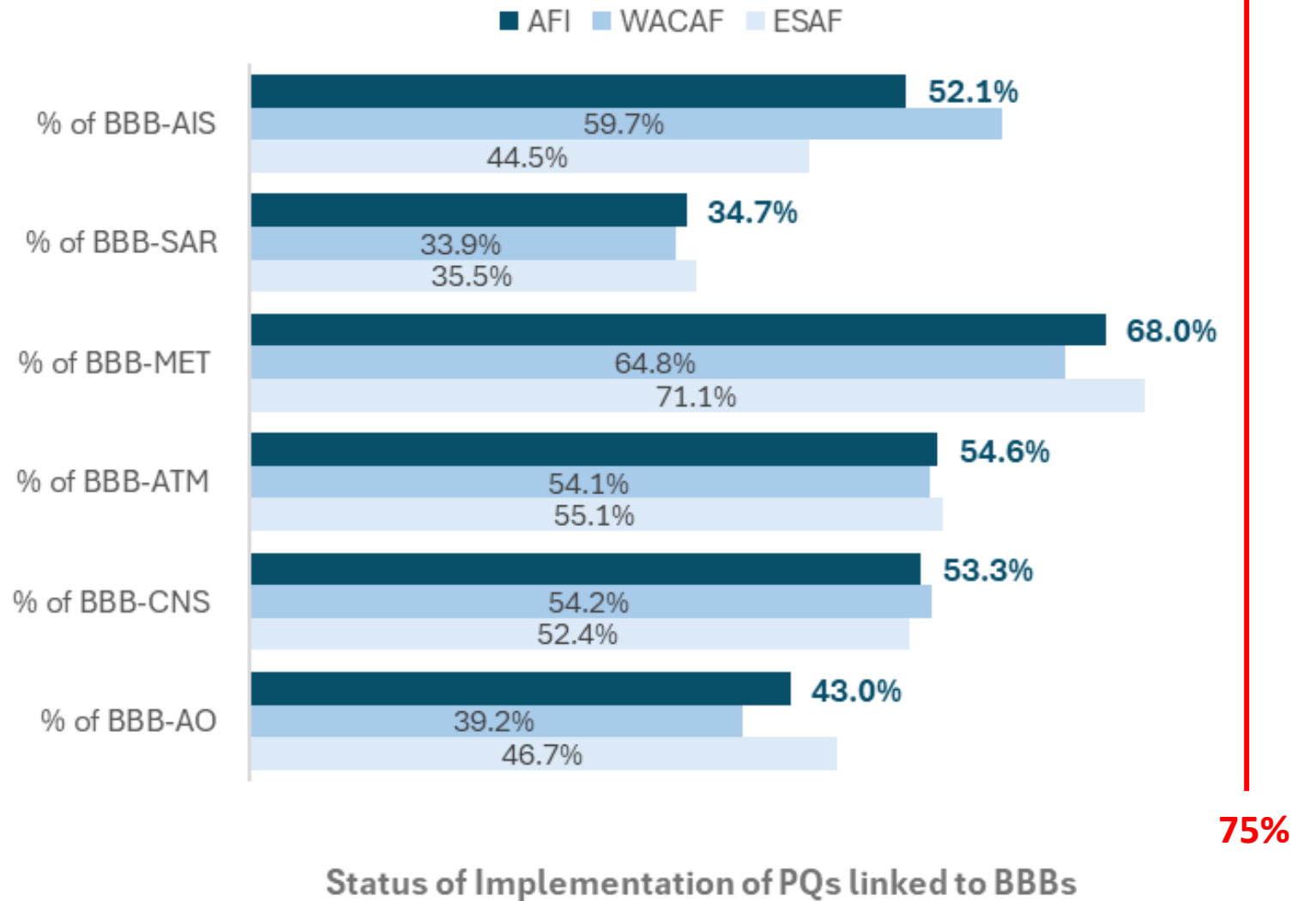
AIR TRAFFIC MANAGEMENT

AERODROME OPERATIONS



ALL  
SUPPORTED  
BY CNS

# 03 IMPLEMENTATION STATUS OF BBBs



# Challenges in the implementation of essential Air Navigation Services in Africa



Moderator: Mr. PAPA  
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*Technical Advisor:  
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Mr. Bakienon Louis  
*Executive Secretary:  
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*Director Air Traffic  
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Mr. Thabani Myeza  
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Ms. Gaborekwe  
Khambule  
*Senior Manager:  
Aviation  
Meteorological  
Services: South  
African Weather  
Service (SAWS)*

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# Thank You

