



ICAO

UNITING AVIATION

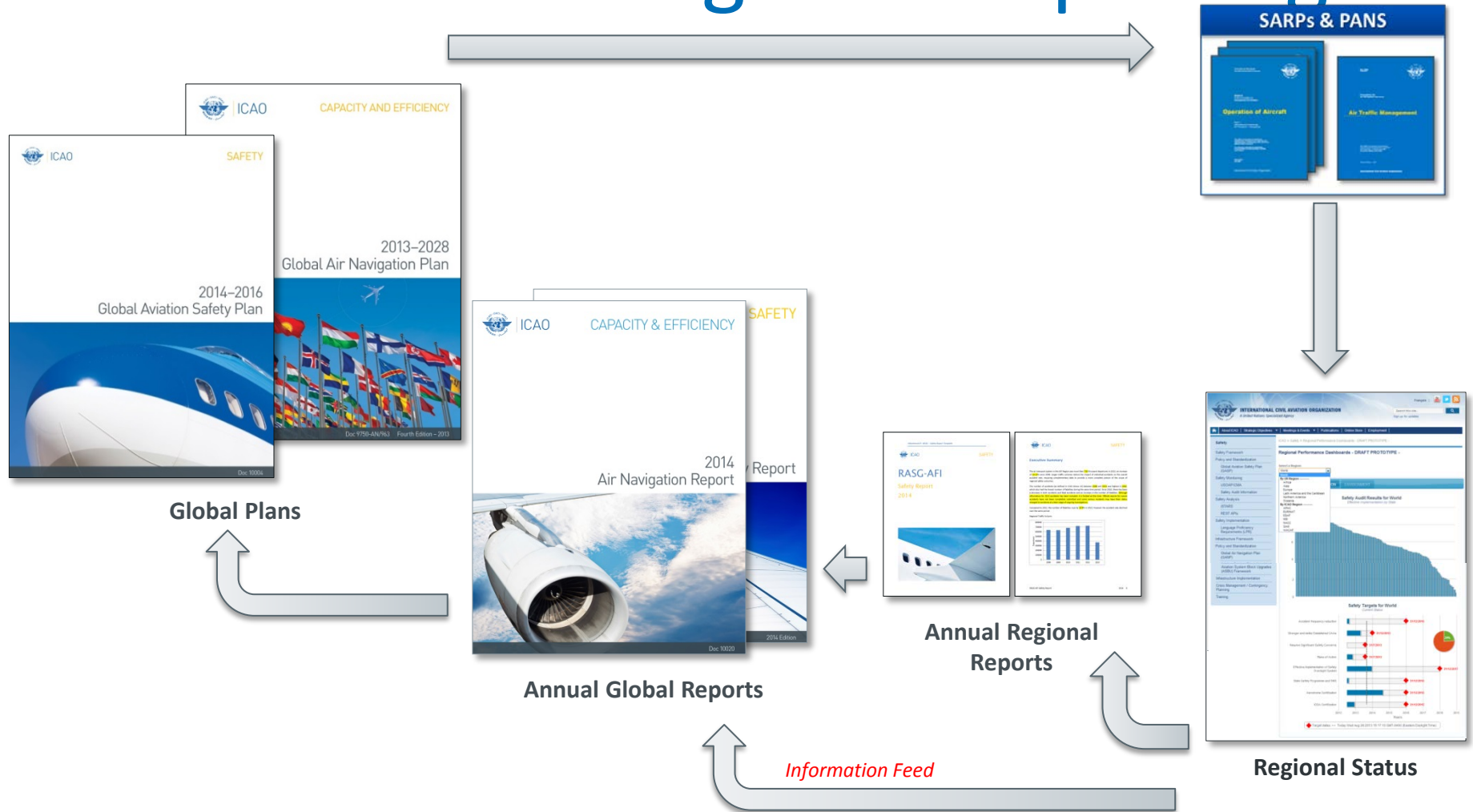
AFRICAN FLIGHT PROCEDURE PROGRAMME (AFPP)

FIRST MEETING OF THE STEERING COMMITTEE

ANS INDICATORS

*Presented by Mr. Prosper Zo'o Minto'o,
Ag. Regional Director, IACO ESAF Regional Office*

Global and Regional Reporting





Global Priorities for Regional Indicators

SAFETY

State Safety Oversight System

Significant Safety Concerns

Accidents

Aerodrome Certification

State Safety Programme

AIR NAVIGATION

Performance-based Navigation

Air Traffic Flow Management

Aeronautical Information Management

Ground-Ground Digital Coordination/Transfer

ASBU Environmental Benefits

Regional Safety & AN Priorities & Targets

- **Priorities**

- *“What is most important?” – based on Global Plans*

- **Indicators**

- *“What are you measuring?”*

- **Metrics**

- *“How are you measuring it?”*

- **Targets**

- *“When and at what level would you like to achieve it?”*

Regional Targets

AIR NAV. REGION	REGIONAL OFFICE	SAFETY	AIR NAVIGATION
AFI	ESAF	ADOPTED ✓ (Abuja Ministerial – July 2012)	ADOPTED ✓ (APIRG/19 – October 2013)
	WACAF		
MID	MID	ADOPTED ✓ (DGCA-MID/2 May 2013) (Review – 27-29 April 2014)	ASBU Workshop / MSG Meeting (September/November 2014)
ASIA/PAC	APAC	RASG-APAC/4 (November 2014)	APANPIRG/25 (September 2014)
NAM	NACC	US CAST/Canada	ADOPTED ✓ (NACC/DCA/5 – April 2014)
CAR		ADOPTED ✓ (NACC/DCA/5 – April 2014)	
SAM	SAM	ADOPTED ✓ (RAAC/13 - December 2013)	ADOPTED ✓ (RAAC/13 - December 2013)
EUR	EUR/NAT	ADOPTED ✓ (RASG-EUR/03 - February 2014)	ADOPTED ✓ (EANPG/55 - November 2013)
NAT		ADOPTED ✓ (NAT SPG/49-June 2013)	TBA



Abuja Ministerial Targets

No	Targets	2012	2013	2014	2015	2016	2017
1	Reduce Runway related accident and serious incident by 50%	Active	Active	Active	Active	Completed	Completed
2	Reduce CFIT related accident and serious incident by 50%	Active	Active	Active	Active	Completed	Completed
3	Establish autonomous CAAs or delegate to RSOO or other African States	Active	Active	Active	Active	Completed	Completed
4	Resolve existing SSCs	Active	Active	Completed	Completed	Completed	Completed
5	Implement ICAO Plans of Actions	Active	Active	Completed	Completed	Completed	Completed
6	Increase EI score to no less than 60% by 19 States	Active	Active	Completed	Completed	Completed	Completed
7	Increase EI score to no less than 60% by 38 States	Active	Active	Active	Active	Completed	Completed
8	Increase EI score to no less than 60% by 54 States	Active	Active	Active	Active	Active	Active
9	Implement SSP and SMS	Active	Active	Active	Active	Completed	Completed
10	Certify all international aerodromes	Active	Active	Active	Active	Completed	Completed
11	Require African airlines obtain IATA-IOSA	Active	Active	Active	Active	Completed	Completed

Implementation of Abuja Safety Targets

- ***AFI Plan SC14:***
 - *AFCAC is encouraged to continue to sensitize States for the implementation of the Abuja Safety Targets.*

- ***AFI Plan SC14:***
 - *The AFI Plan Secretariat is requested to launch, with the support of AFCAC, the evaluation of the implementation of the Abuja Safety Targets in 2015.*

Adoption of AFI Air Navigation Performance Indicators and Targets

- *AFI Plan SC14:*
 - *The AFI Plan Secretariat is to present the Air Navigation Performance Indicators approved by the 14th Steering Committee meeting, to the next APIRG meeting, for the development and adoption of the associated targets.*
- *AFI Plan SC14:*
 - *AFCAC is encouraged to coordinate with the African Union for the endorsement of the AFI Air Navigation Performance Indicators and Targets to be adopted by APIRG.*

PBN related Air Navigation Service Performance Indicators AFI Plan SC/1

Targets	Linkage with ASBU	ANS Performance Indicators/Metrics	Qualitative performance benefits associated with Safety key performance area
Implement Performance Based Navigation (PBN)	ASBU Module B0-APTA	<p>Number of PBN routes</p> <p>Number of International Aerodromes/TMAs with PBN SIDs implemented</p> <p>Number of International Aerodromes/TMAs with PBN STARs implemented</p> <p>Number of International Aerodromes with Approach Procedures with vertical guidance (APV)</p> <p>Number of International Aerodromes with Approach Procedures with lateral guidance (LNAV)</p>	<p>Increased safety through stabilized approach paths</p> <p>Reduced runway safety related accidents/incidents and CFIT</p> <p>Increased safety through optimization of airspace use in the vertical and horizontal planes.</p>

PBN related Air Navigation Service Performance Indicators AFI Plan SC/1

Targets	Linkage with ASBU	ANS Performance Indicators/Metrics	Qualitative performance benefits associated with Safety key performance area
Implement Continuous Descent Operations (CDO) and Continuous Climb Operations (CCO)	ASBU Modules B0-CDO and B0-CCO	Number of International Aerodromes/TMA with CDO implemented Number of International Aerodromes/TMAs with CCO implemented Annual environmental benefits attained (reduced fuel consumption/GHG emissions)	More consistent flight paths and stabilized approach paths.

AFPP Programme Document, Section 4 (Expected Outcome)

Operational improvements

- Increase in robust State PBN implementation Plans
- Increase in the number of PBN procedures implemented and published in States AIP
- Increase in the number of TMAs with approved PBN operations
- Increase in the number of approved local carriers for PBN operations
- Demonstrated evidence for improved safety and efficiency of flight operations

Conclusion

The AFPP should ensure that relevant inputs are provided to APIRG to support of the regional reporting and monitoring of PBN related performance indicators.



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Dakar

European and
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(EUR/NAT) Office
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(MID) Office
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Eastern and
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(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Office
Bangkok

Thank You

A world map is shown in a light blue color. Eight colored dots are placed on the map, each connected by a thin line to a text label describing an ICAO office. The ICAO Headquarters in Montreal is marked with an orange dot, while all other regional offices are marked with blue dots. A large, light blue rounded rectangle with a gradient and a drop shadow is positioned in the center of the map, containing the text "Thank You".