



INTERNATIONAL CIVIL AVIATION ORGANIZATION

A United Nations Specialized Agency

AFI Performance Based Air Navigation Action Plan – – Alignment with ASBU

Plan d'action de la navigation aeriennne fondee sur les performance – Alignement avec les ASBU

**ICAO Regional Workshop on ASBU /Atelier regional ASBU de l'OACI
(Nairobi, Kenya 21 – 25 Oct 2013)**

Plan of Presentation/Plan de la presentation



- Traffic forecasts/Previsions de trafic
- Strategie de mise en oeuvre des objectifs de performance
- Regional Performance Objectives/Objectifs de performance regionaux
- Alignment with ASBUs/Alignement avec les ASBU

AFI Traffic Forecasts/Traffic Forecasts 2012-2032

PASSENGER FORECAST TO THE YEAR 2032

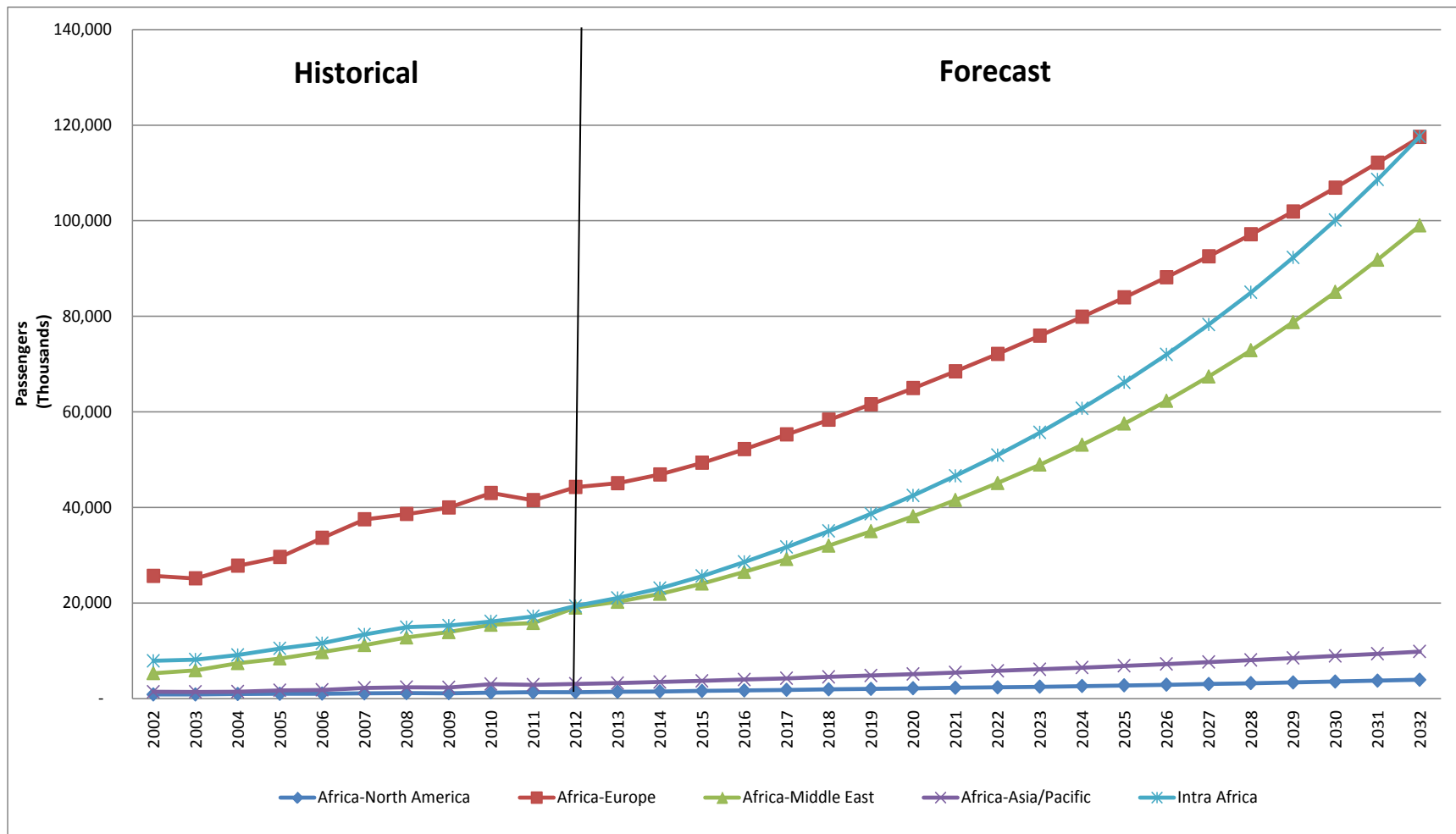
(thousands of passengers carried)



Route group	2012	2017	2032	Average annual growth rate (%)		
				2012-2017	2017-2032	2012-2032
Africa - North America	1 360	1 815	3 939	5.9	5.3	5.5
Africa - Europe	44 247	55 257	117 527	4.5	5.2	5.0
Africa - Middle East	19 054	29 186	99 007	8.9	8.5	8.6
Africa - Asia/Pacific	3 066	4 252	9 843	6.8	5.8	6.0
Intra Africa	19 383	31 706	117 643	10.3	9.1	9.4
TOTAL	87 111	122 216	347 960	7.0	7.2	7.2

PASSENGER TRAFFIC FORECAST BY ROUTE GROUP

TRAFFIC PASSAGGER PAR GROUPE DE ROUTES



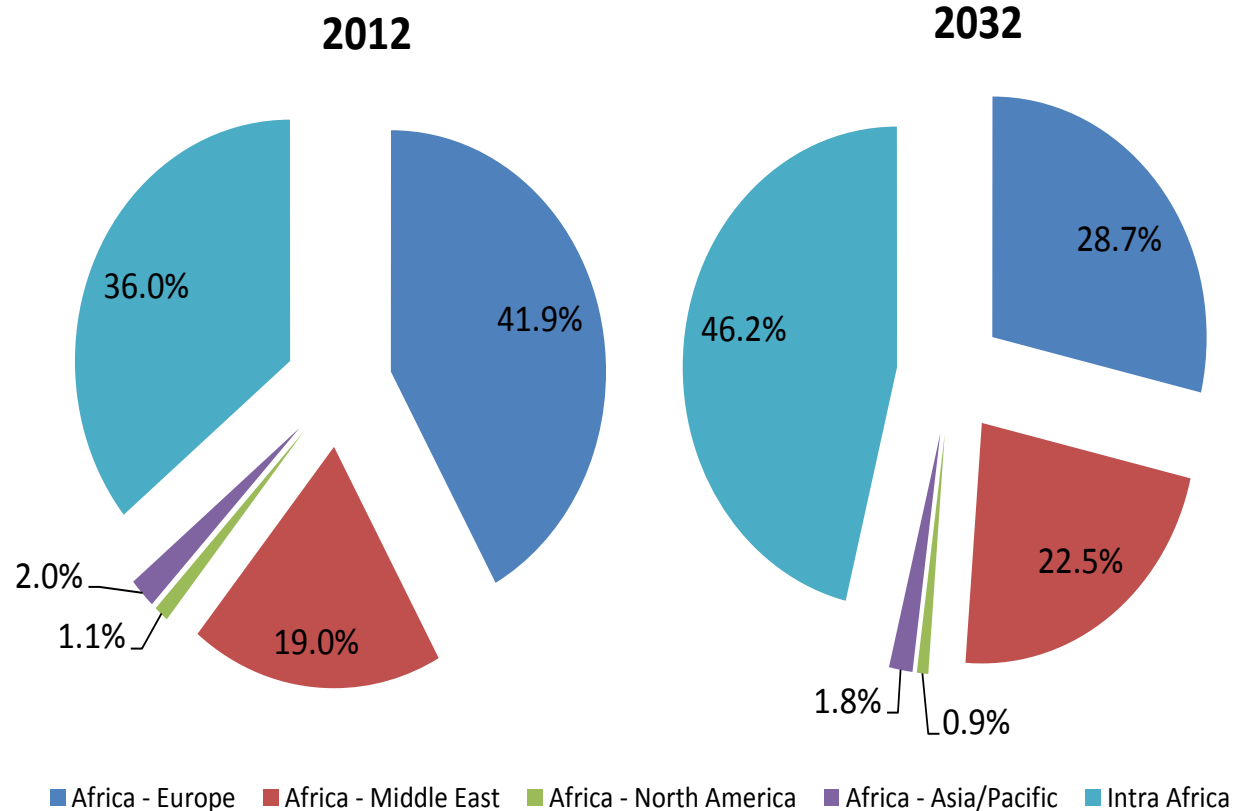
AIRCRAFT MOVEMENT FORECAST TO THE YEAR 2032

MOUVEMENTS D'AERONEFS JUSQU'EN 2032



Route group	2012 (1)	Forecast		Average Annual Growth (%)		
		2017	2032	2012-2017	2017-2032	2012-2032
Africa - Europe	304 458	385 796	742 779	4.8	4.5	4.6
Africa - Middle East	137 921	203 072	582 358	8.0	7.3	7.5
Africa - North America	7 924	10 434	22 123	5.7	5.1	5.3
Africa - Asia/Pacific	14 711	20 277	45 643	6.6	5.6	5.8
Intra Africa	261 224	371 063	1 194 087	7.3	8.1	7.9
Total	726 238	990 642	2 586 990	6.4	6.6	6.6
(1) OAG data						

AIRCRAFT MOVEMENT SHARES BY ROUTE GROUP 2012 AND 2032/ REPARTITION DES MOUVEMENTS D'AERONEFS PR GROUPE DE ROUTE 2012 A 2032



Regional Performance Objectives – Implementation Strategy

Objectifs de performance regionaux – Strategie de mise en oeuvre



Capacity and Efficiency Improvements while maintaining operational safety
 Capacite et efficacite en maintenant la securite

GANP requirements
 Exigence du GANP



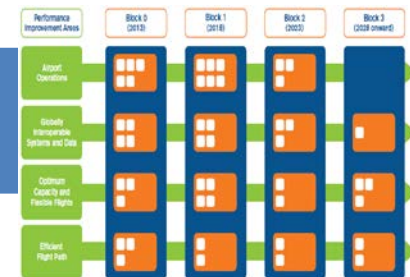
Services, Facilities and Human Resources
 Services, Installations et Ressources Humaines

Assessment of current situation
 Evaluation de la situation actuelle

AFI Region/
 Region AFI

Based on Performance Framework Forms (PFFs)
 Base sur les fiches du cadre de performance (FCP)/
 ASBU Air Navigation Report Forms
 (ANRFs) / Rapports de la navigation aerienne (ANRF)

Implementation Strategy/
 Strategie de mise en oeuvre



Monitoring and Reporting/Suivi et rapport

AFI Regional Performance Objectives

Objectifs regionaux de performance



- APIRG uses the performance framework forms (PFFs)
 - developed by the ICAO Special AFI RAN of 2008 as
 - amended from time to time through the regional planning process,
 - to identify individual parties responsible for achieving the performance objectives as well as to establish timeframes for implementation.
- APIRG utilise les fiches du cadre de performance (PFF)
 - elaborees par la reunion SP AFI RAN de 2008
 - telles qu'amendees de temps en temps selon le processus de planification regional,
 - pour identifier les parties responsables de la realisation des objectifs de performance et pour etablir les echeances de mise en oeuvre.

AFI Regional Performance Objectives

Objectifs regionaux de performance



- AFI States
 - to develop national plans,
 - using the PFFs, harmonized and aligned with the regional PFFs, and
 - associated tasks to include the necessary detailed actions to successfully achieve national performance objectives.
- Les Etats AFI
 - élaborent des plans nationaux,
 - en utilisant les FCP, harmonisées et alignées avec les FCP regionales, et
 - les taches y associées pour refléter les actions nécessaires de maniere detaillée pour réaliser les objectifs de performance nationaux.

AFI Regional Performance Objectives/ Objectifs de performance de la Region AFI



- RVSM Implementation/Mise en oeuvre du RVSM (PFF/FCP ATM/01)
- PBN Implementation Mise en oeuvre de la PBN (en-route, terminal and approach) (PFFs/FCP ATM/02 - ATM/03 -ATM/04)
- Enhancement of CNS Infrastructure / Renforcement de l'infrastructure CNS (PFF/FCP CNS/01)
- Search and Rescue / Recherches et sauvetage (PFF/FCP SAR/01)
- Transition from AIS to AIM / Transition AIS vers AIM (PFFs/FCP AIM/01 - AIM/02)
- Improvement of the provision of MET Services / Amelioration des services MET(PFFs/FCP MET/01 - MET/02)
- Improvement of Aerodrome Operations/Amelioration des operations d'aerodrome (PFF AGA/01)

AFI Regional Performance Objectives/ Objectifs de performance de la Region AFI



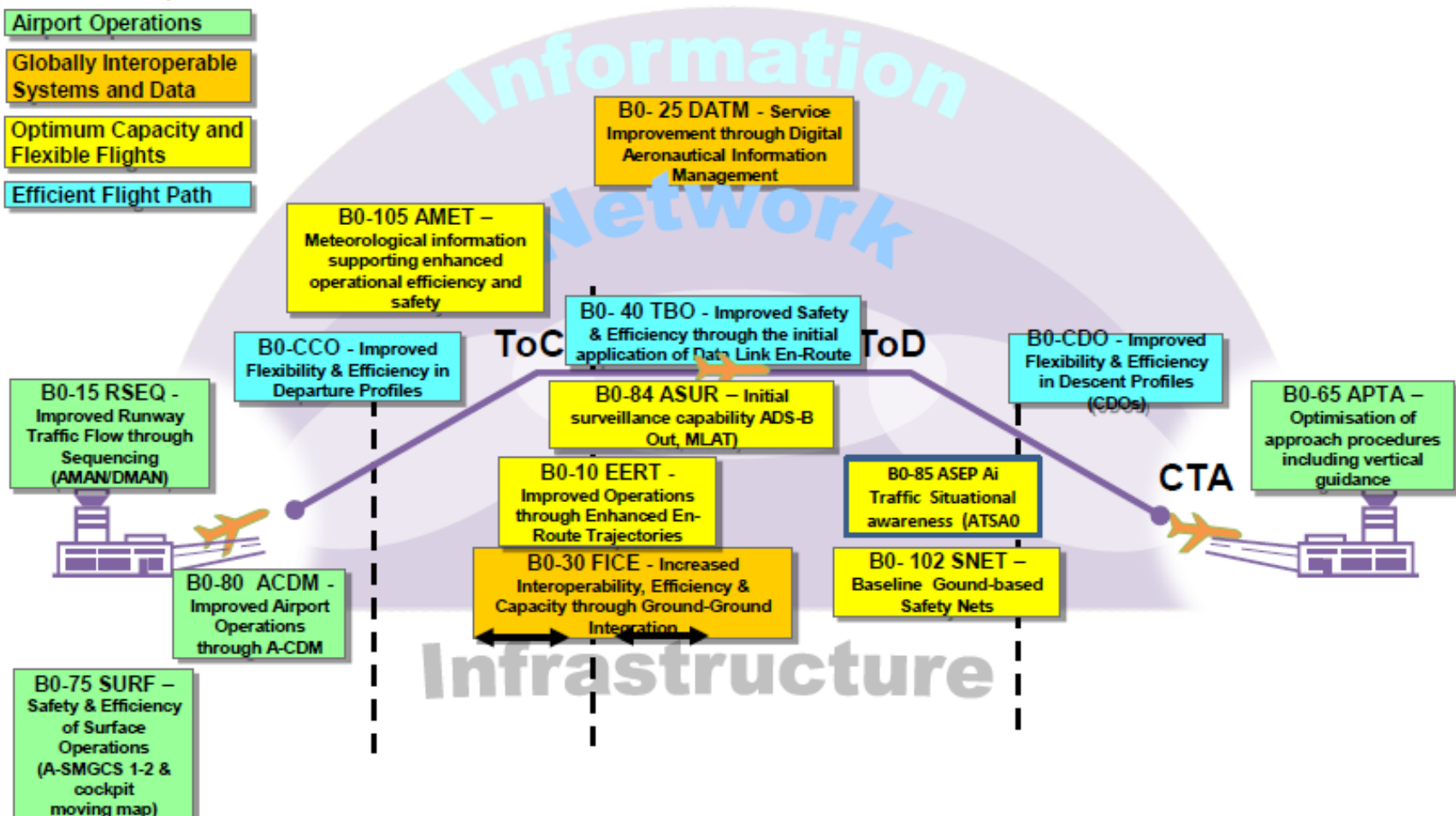
- [AFI PFFs.docx](#)
- [AFI FCP.docx](#)

Overview of ASBU Block 0 modules/ Apercu des modules du Bloc 0 des ASBU



Performance Improvement Areas

- Airport Operations
- Globally Interoperable Systems and Data
- Optimum Capacity and Flexible Flights
- Efficient Flight Path



Relationship between Regional Performance Objectives and ASBU Block 0 Modules/Relation entre les objectifs de performance regionaux et les modules du bloc 0 des ASBU



	PIA1					PIA2			PIA3						PIA4		
	B0-15 RSEQ	B0-65 APTA	B0-70 WAKE	B0-75 SURF	B0-80 ACDM	B0-25 FICE	B0-30 DATM	B0-105 AMET	B0-10 FRTO	B0-35 NOPS	B0-84 ASUR	B0-86 OPFL	B0-101 ACAS	B0-102 SNET	B0-05 CDO	B0-20 CCO	B0-40 TBO
PFF AFI ATM/01									X			X					
PFFAFI ATM/02									X								X
PFFAFI ATM/03		X							X						X	X	X
PFF AFI ATM/04									X						X	X	X
PFF AFI CNS/01						X		X		X							X
PFFAFI MET/01								X									
PFF AFI MET/02				X				X									
PFFAFI SAR/01																	
PFF AFI AIM/01								X									
PFF AFI AIM/02								X	X								
PFF AFI AGA/01				X	X												



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

A world map is shown in a light blue color. Eight colored dots (one orange for Montreal, seven blue for other offices) are placed on the map. Lines connect these dots to their respective office names listed above. A large, rounded rectangular box with a grey-to-white gradient background and a dark blue border is centered over the map, containing the text "Thank You" in a bold, dark blue font.