



| ICAO

CAPACITY & EFFICIENCY

An African FPP customized for Africa by Africa

An Introduction

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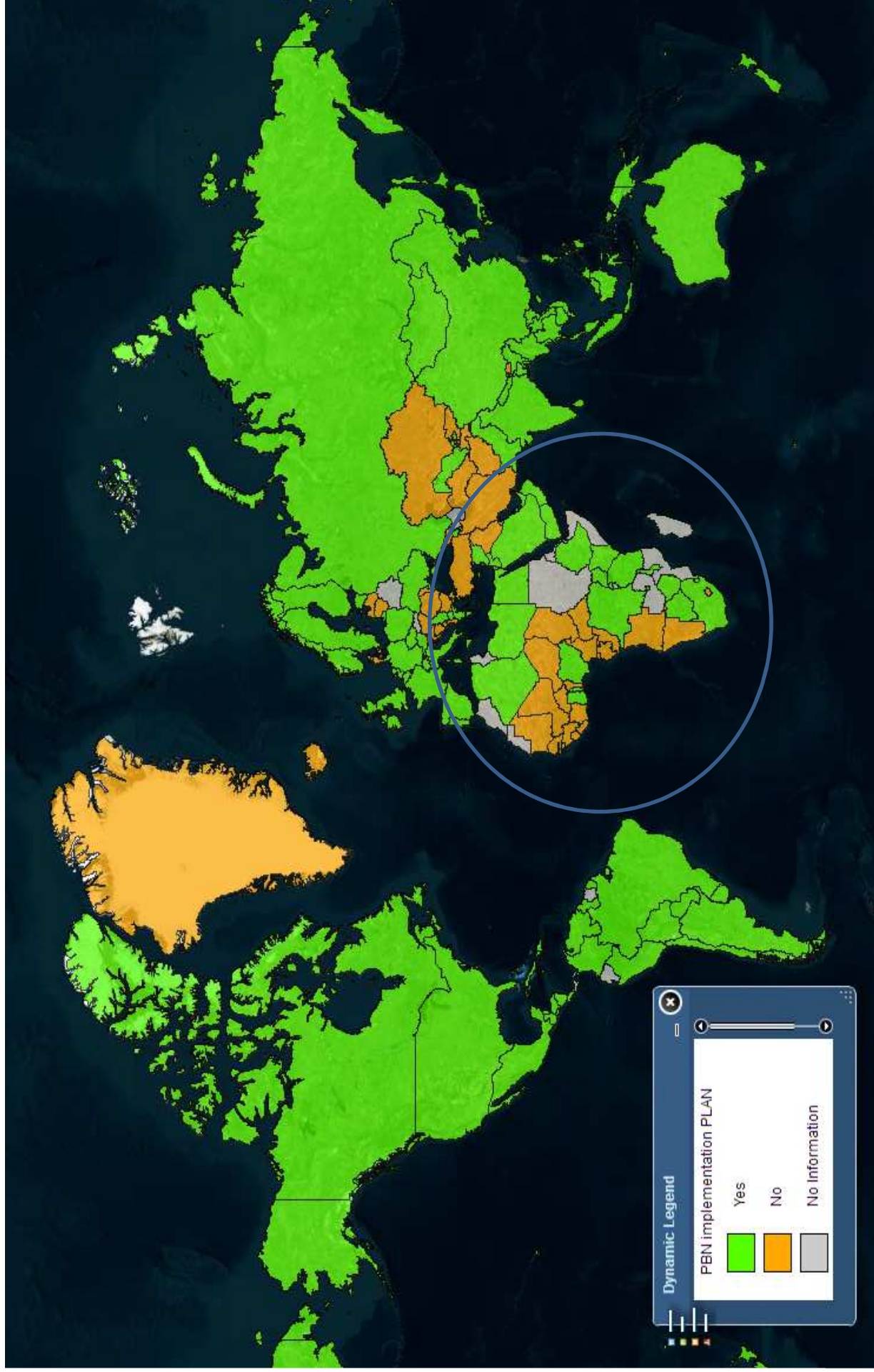
Presentation Outline

- Needs for a Sustainable, Regional Solution for PBN Implementation
- Introduction of the FPP
- FPP Structure and Governance
- Scope and Services of the FPP
- Work Plan and Expected Deliverables for 2014



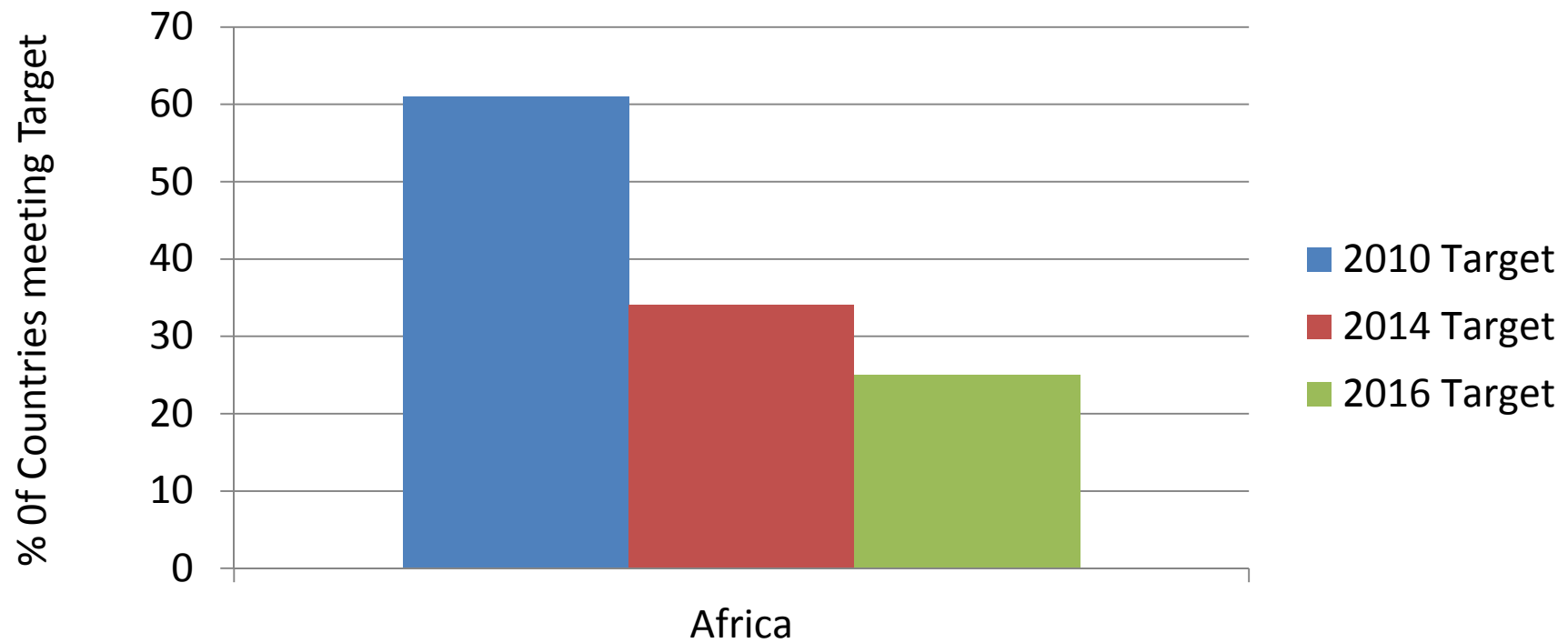
Needs for the Region – Why are we here?







A37-11 Targets - AFI





African States must have:

a regional, sustainable solution for:

- PBN and IFP Procedure Design Capability
- Proper PBN Ops Approval Process
- Efficient integration of PBN into African airspace infrastructure



Introduction of the FPP





Flight Procedures Programme (FPP)

“the Regional Centre of Excellence in procedure/airspace implementation, focusing on PBN”

To provide

- Direct design and implementation support as needed
- Necessary Capacity building for States and other stakeholders for sustainable development



Flight Procedures Programme (FPP)

Based on a proven solution

- Asia and Pacific FPP
 - Operations since 2009 in Beijing, China
 - 20+ Member States and increasing
 - Conducted training for more than 1000 participants from 20+ States
 - On-going supports for PBN implementation projects/ capacity building in more than 15 States





An African FPP customized for Africa by Africa

- Supported by the AFI RAN in 2008
- Re-energized at the recent Assembly Resolution A38-7:
 - *“States are urged to support the establishment of the AFI Flight Procedures Programme (FPP) Office with seconded personnel and financial assistance as a matter of urgency to expedite the implementation of PBN in the region.”*



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Formula:

- Run by ICAO ESAF/WACAF
- Seconded Personnel from ESAF and WACAF areas
- Contributions from States and Donors
- Governed by African Steering Committee



An African FPP customized for Africa by Africa

- Open for business - 2 June 2014
- Initial 3-year duration, renewable
- Dakar, Senegal, hosted by ASECNA





FPP Structure and Governance





Participations in the FPP

- **Host Administration**
 - ASECNA
 - Signatory to Programme Document with ICAO
 - Does not constitute State participations
- **Participating States**
 - Signature onto attachment of Programme Document
 - **Active Participating States**
 - African State
 - Part of Programme Steering Committee
 - Commitment to funding the Programme with Annual financial contribution
 - May be waived through in-kind contribution under agreement by Steering Committee
 - **User States**
 - African State
 - No commitment to funding the Programme; some free services, other services by service fee
 - **Observer States**
 - Participating State not necessarily African
 - No commitment to funding the Programme; services by service fee
- **Donors**

Eligible Steering
Committee Members



Governance

AFI FPP

- The Steering Committee (SC) is the governing body of the AFI-FPP
- The Members of the SC include a representative from :
 - ICAO;
 - each Active Participating States (APS); and
 - Host Administration (ASECNA)



Steering Committee role and responsibilities

AFI FPP

- Role and responsibilities
 - Review & approve Annual work programme;
 - Review & approve Annual budget;
 - Review & approve Annual financial contribution for APS; and
 - Considering request for waiver of financial contribution in lieu of in-kind contribution

And,

- Review of Performance of Programme;
- Review of Programme document, as necessary; and
- In consultation with ICAO Policy,
 - Review and approve fee schedule for services and trainings



ICAO Oversight

AFI FPP

- ICAO assistance to the Programme
 - monitor implementation of the programme
 - provide technical support to its experts in the performance of their duties; and
 - provide financial account management;



Scope and Services of the FPP





Scope of Services

AFI FPP

- Trainings
 - PBN Implementation Workshop
 - Planning, getting people together
 - Aeronautical Data Processing
 - QA Process - Course and OJT
 - PD Design - Course and OJT
 - PBN Ops Approval - Course and OJT
 - Airspace Design Workshop
 - Terminal with CDO/CCO
 - Enroute
 - Training for ATC/ATM personnel for PBN deployment
 - Other related trainings as required



Scope of Services

AFI FPP

- Implementation Supports
 - State PBN Planning
 - Assistance in development of PBN-related regulations
 - Conduct operational assessment and business case and activity planning for PBN Implementation
 - Data Collection and Validation
 - Design procedures with priority for PBN procedures
 - Ground and flight validation
 - Assessment of achieved operation improvements and suggestion for improvements
 - Other related PBN implementations support activities as required



2014 Work Plan and Deliverables





2014 Work Plan

AFI FPP

- PBN Implementation Workshop – 3-4 days – July
- PBN Ops Approval Course – 1 week - June or September
- PANS-OPS Initial Procedure Design Course – 4 Weeks – September or October
- PBN Procedure Design – 3 Weeks – November
- OJT on ground validating and approving procedures with specific PBN projects
 - Preference: 1 for ESAF and 1 for WACAF



Financial Structure





- Applicable from 2015
- Constraints
 - Max Contribution per APS (max L) = USD 10k
 - Minimum Number of APS (min NAPS) = 5
 - Given current scope and resources, anticipated Maximum Activity-derived Revenue (max R) = USD 120k
 - Account should at least be balanced; AI = AE

Go/No-Go Scenario – 5 APS

Annual Accountable Expenses (AE)	Number of APS (NAPS)	Monetary Contribution by Each APS (L)	Overall Contribution by APS (C = L * NAPS)	Donation (D)	Activity-derived Revenue (R)	Annual Accountable Income (AI = C+D+R)	Implication
250k	5	10k	50k	80k	120k	250k	Balanced



Realistic Scenario – 10 APS

Annual Accountable Expenses (AE)	Number of APS (NAPS)	Monetary Contribution by Each APS (L)	Overall Contribution by APS (C = L * NAPS)	Donation (D)	Activity-derived Revenue (R)	Annual Accountable Income (AI = C+D+R)	Implication
250k	10	10k	100k	80k	70k	250k	Balanced

- Positive Effect as compared Go/No-Go Scenario
 - More APS facilitates
 - increase in overall contribution for APS
 - Reduce the pressure on activity-derived revenue
 - Lower the overall risk on the cash-flow



How about 10k each?





Thank You