



Third AFI Aviation Safety Symposium

Malabo, Equatorial Guinea, 28 June 2016

Overview of The Comprehensive Regional Implementation Plan for Aviation Safety in Africa (AFI Plan)

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Presentation Outline

- Background and Context of the Comprehensive Regional Implementation Plan for Aviation Safety in Africa (AFI Plan)
- Objectives of the AFI Plan
- Implementation Status
- Perspectives and Challenges



BACKGROUND AND CONTEXT WHY AFI-PLAN?

- **Number of aircraft accidents in Africa**

A review of the ICAO Accident/Incident Data Reporting (ADREP) data for a ten-year period, from 1997 to 2006, shows that there was an increase in the number of accidents in the AFI Region.

- **Safety oversight deficiencies**

- lack of effective safety oversight systems;
- lack of expertise;
- Issues regarding air operator certificates (AOCs);
- lack of autonomous civil aviation authorities.

The Comprehensive Regional Implementation Plan for Aviation Safety in Africa (AFI Plan) was adopted by the 36th ICAO Assembly (Assembly Resolution A36-1).



Objectives of the AFI Plan

- To strengthen civil aviation authorities with respect to their safety oversight capabilities;
- To increase compliance with ICAO SARPs and industry's best practices;
- To increase the number of qualified personnel at the industry and oversight levels;
- To improve the quality of inspectors and other civil aviation staff through training;



AFI PLAN IMPLEMENTATION

- The work programme is developed around **three focus areas** to give effect to the objectives of the AFI Plan:
 1. Enabling States to establish and maintain a sustainable safety oversight system;
 2. Assisting States to resolve identified deficiencies within a reasonable time; and
 3. Enhancing aviation safety culture of African aviation service providers.



AFI PLAN IMPLEMENTATION

• **OBJECTIVES in 2008-2010 (ACIP)**

- Establishment of AFI Plan;
- Gap Analysis to identify Focus Areas of intervention. Three focus areas were identified
- Building African Capabilities and capacity to meet national and international compliance requirements through provision of training

Phase 1

Phase 2

Transition

- **JANUARY 2011**
- Integration of Activities into the Regional Offices
- Establishment of ROSTs and intensifying their activities

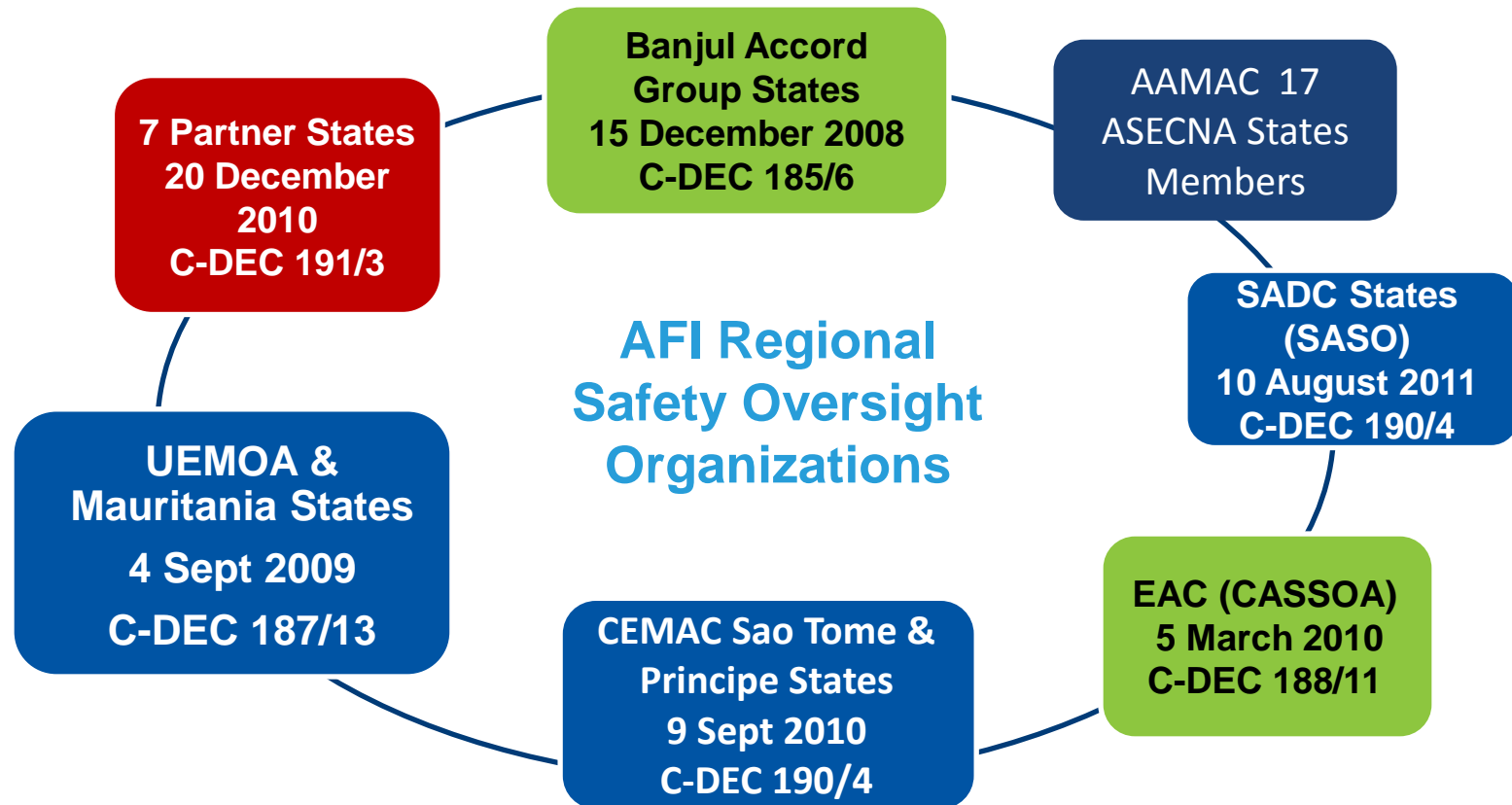
• **OBJECTIVES 2011-onwards**

- Direct assistance to States to resolve identified deficiencies as detailed in the ICAO Plans of Action
- Resolving of SSCs
- Establishment & strengthening of RSOOs
- Intensify training courses, seminars and workshops in safety-related areas
- Develop & Implement Plans of Action to address deficiencies & attain the High-Level Safety Targets of the Abuja Ministerial Conference.
- Intensify ROSTs Activities in all areas other than Operations and Airworthiness (AGA,ANS, AIG)
- Design capacity building projects for sustainability
- Improve Effective Implementation (EI) by States



Establishing & Strengthening of Regional Safety Oversight Organizations (RSOOS) In Africa

(Letters of Understanding signed between AFI Plan and RSOOs)





Courses held 2008-2015

Around **sixty (80)** training courses and workshops were delivered in the following fields :

- Government Safety Inspectors (GSI- OPS)
- Government Safety Inspectors (GSI- AIR)
- Government Safety Inspectors (GSI – PEL)
- Government Safety Inspectors (Aerodrome)
- SSP and SMS
- Safe Transport of Dangerous Goods
- Aviation Medicine
- SAR, AIG, ATM, Civil-military cooperation, MET
- Safety of Air Traffic Services (US DOT/SSFA/FAA)
- Approved Training Organisation certificate (EU project)
- European Co-ordination Centre for Accident and Incident Reporting Systems (ECCAIRS)
- Various Additional Safety Related Courses Provided through our Partners
- More than 2,300 trainees**





Association of Africa Aviation Training Organizations (AATO)

Harmonization and standardization of Training

- Special AFI RAN Recommendation 5/8 – Training Strategies for safety in Africa
- The AFI Plan promoted the establishment of AATO
- Constitutive Assembly of AATO held in Abuja (Nigeria) from 12th to 14th April, 2013
- Support AATO to be hosted in Addis Ababa, Ethiopia
- AATO already begun its operation from its headquarter at Addis Ababa Ethiopia



ICAO PLANS OF ACTION

(32 Plans of action signed 2011-2015)

Immediate Term:

- Address the major safety deficiencies
- Regional Office Safety Teams (ROSTs) and/or AFCAC Cooperative Inspectorate Scheme (AFI-CIS)

Near Term

- Continuation of the implementation of the State's Corrective Action Plan (CAP) to address the remaining deficiencies
- Mostly AFI-CIS

Long Term

- Continue to monitor the situation on an on-going basis to promote aviation safety
- Ensure that the State maintains its ability to comply with safety oversight requirements, **mainly through SSP implementation**



2016 AFI Plan Goals and Activities

- ❖ *70% of African States to achieve 60% EI and above*
- ❖ *No Significant Safety Concerns*
- ❖ *Certification of 45% of International Airports*
- ❖ *Full implementation of Work programme (All scheduled training and other activities)*



Progress so far achieved on Safety Targets – AFI SSCs

July'12-Dec'15
(Total no. of SSCs)

20 SSCs in
13 States



Resolved

16 SSCs
in
9 States

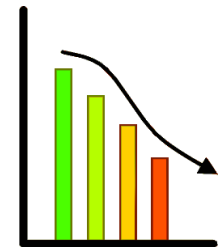
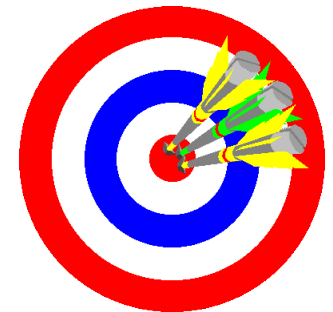


Existing, 30 May'16

4 SSCs in
4 States

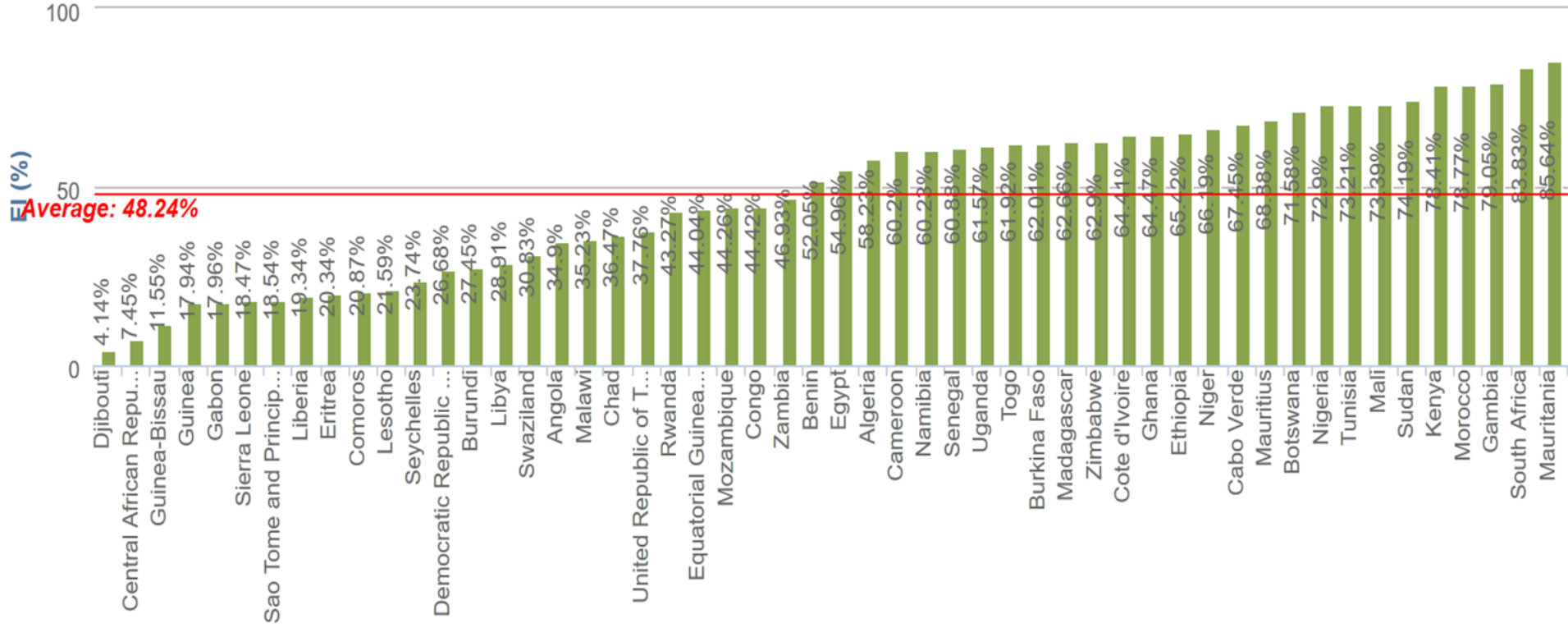


Target, 31 Dec'16
- ZERO -





Overall EI by State
AFRICA AFI



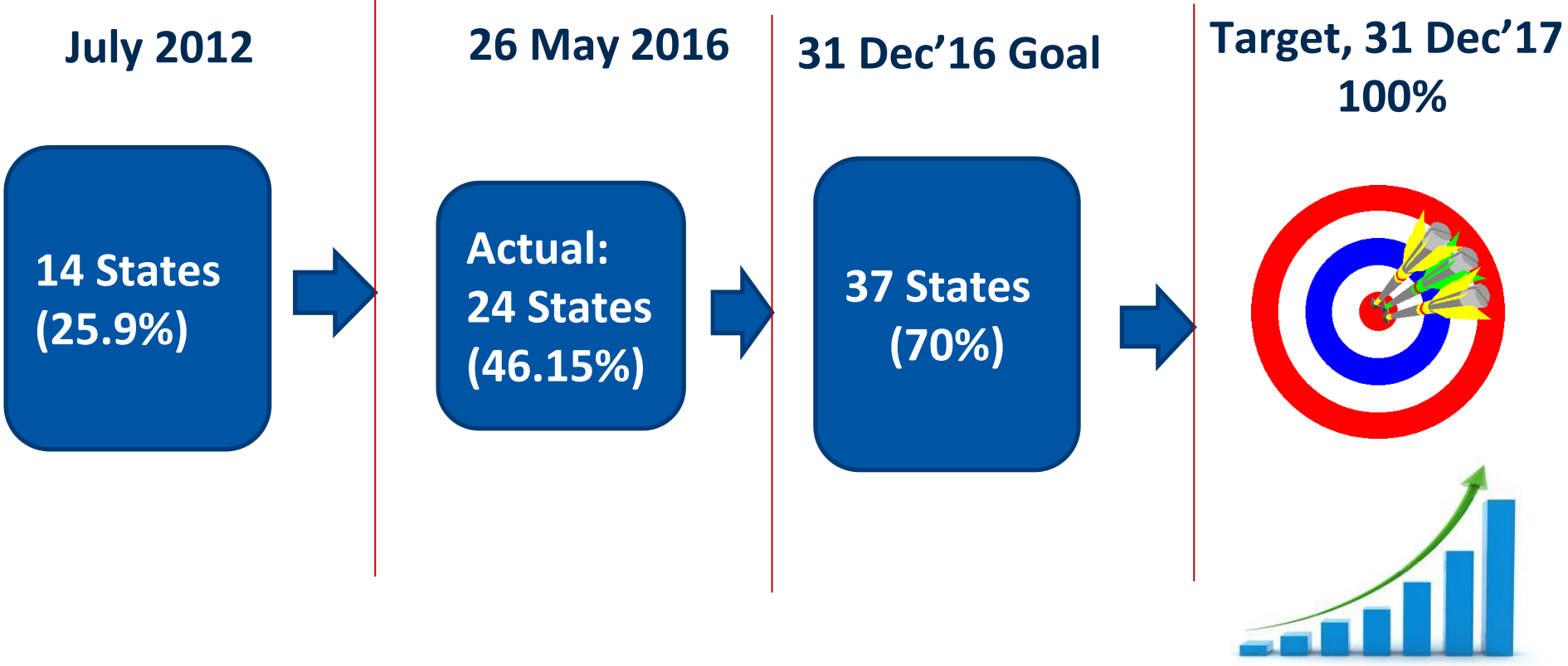
Source : iSTARS/ICAO

26/05/2016

- ❖ 24 out of 52 Countries have achieved the overall EI of 60% or more on 30th April 2016. That represents about 46% of African States
- ❖ The Average Overall EI for AFRICA is 48,24%
- ❖ The Average Overall EI for the World is 63,12%



Progress so far Achieved on Safety Targets **≥60% EI**





Perspectives and Challenges



Perspectives and Challenges

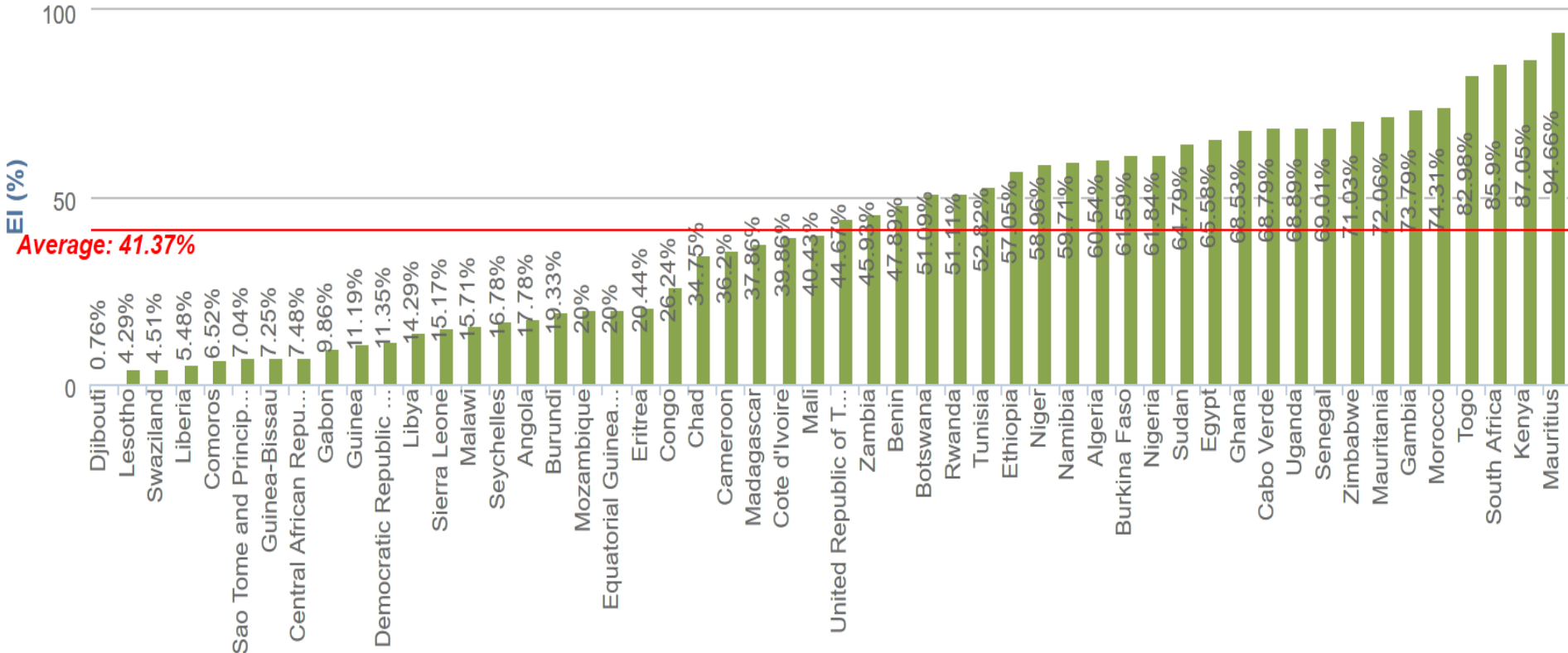
Continuation of the implementation of **the AFI Plan based on the 3 focus areas**

- Assist States concerned to resolve SSCs
- Support the ICAO Plans of Actions and AFI-CIS
- Assist in Capacity Building through **training**
- Promote and Strengthen RSOOs
- Foster the synergy with all the regional groups



Aerodromes and ground aids (AGA)

AGA EI by State
AFRICA AFI



Average: 41.37%

Source : iSTARS/ICAO

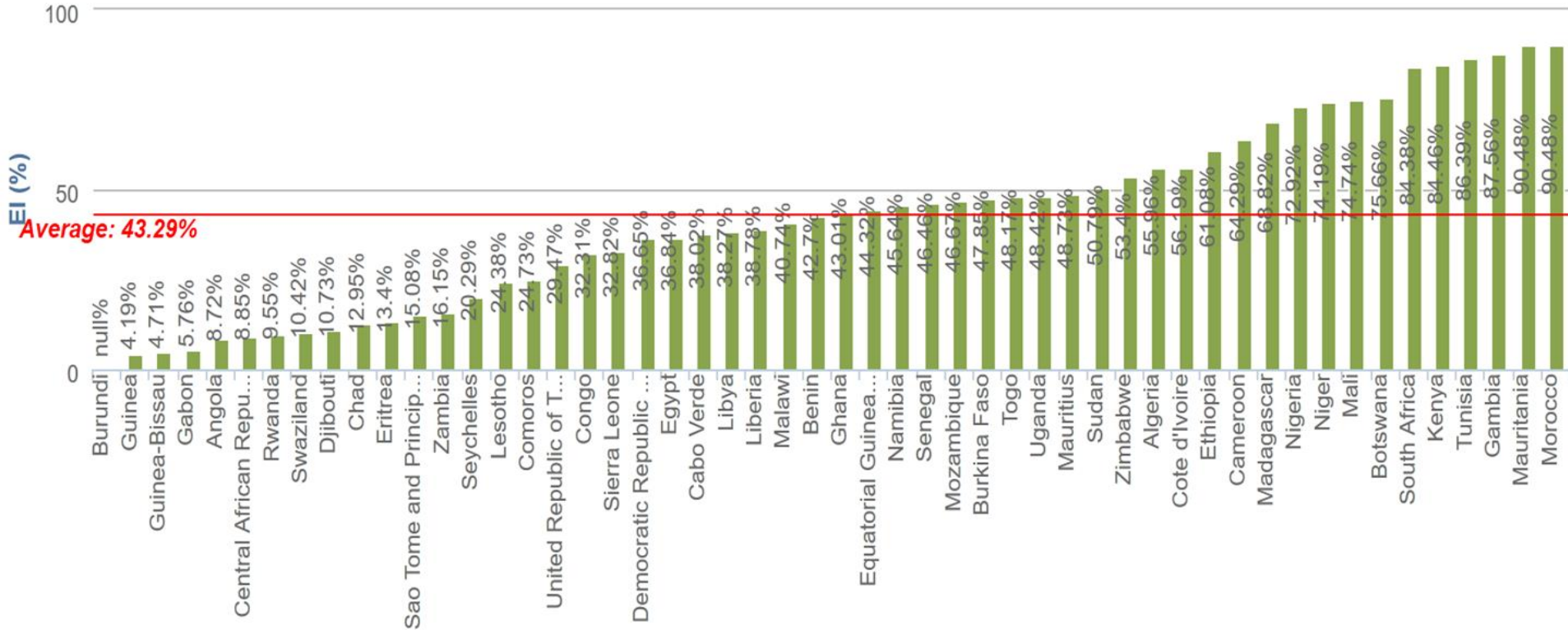
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- ❖ The Average EI of AGA for AFRICA is 41,37%
- ❖ The Average EI of AGA for the World is 57,90%



Air navigation services (ANS)

ANS EI by State
AFRICA AFI



Source : iSTARS/ICAO

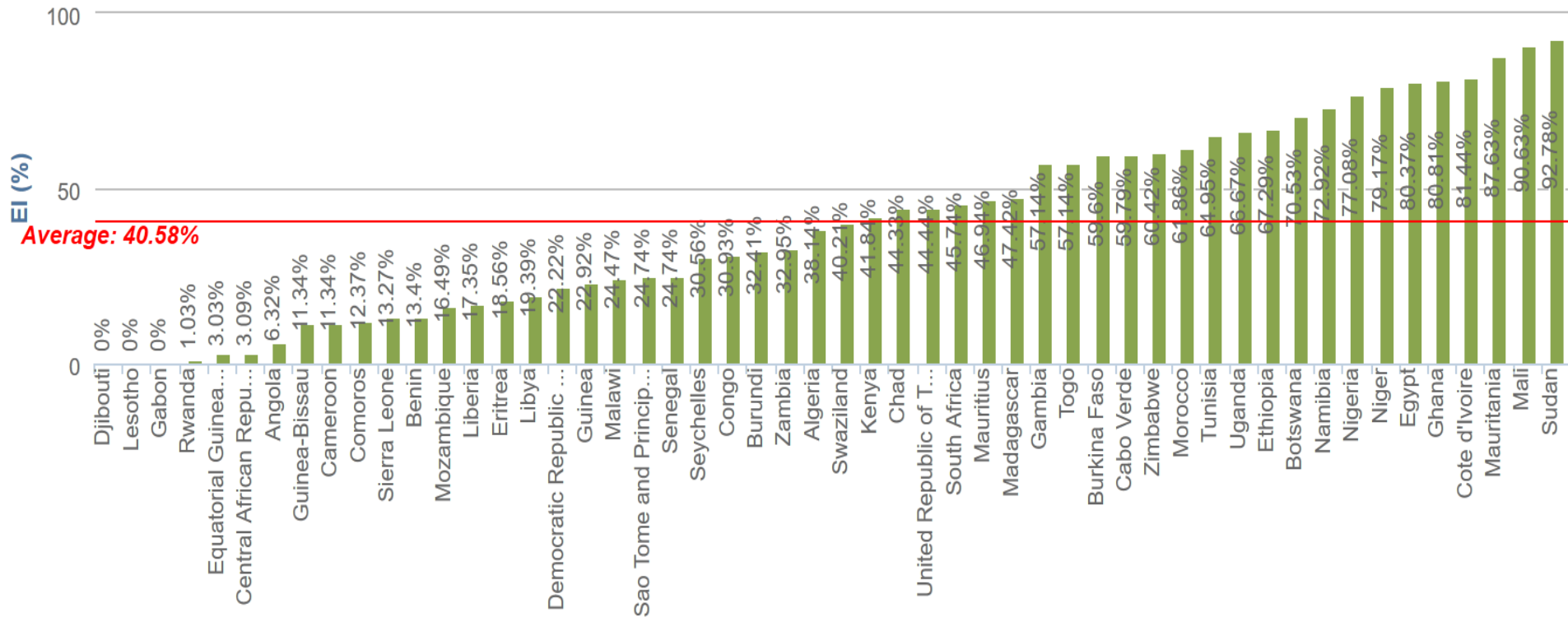
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- ❖ The Average EI of ANS for AFRICA is 43,29%
- ❖ The Average EI of ANS for the World is 58,58%



Aircraft accident and incident investigation (AIG)

AIG EI by State
Africa



Source : iSTARS/ICAO

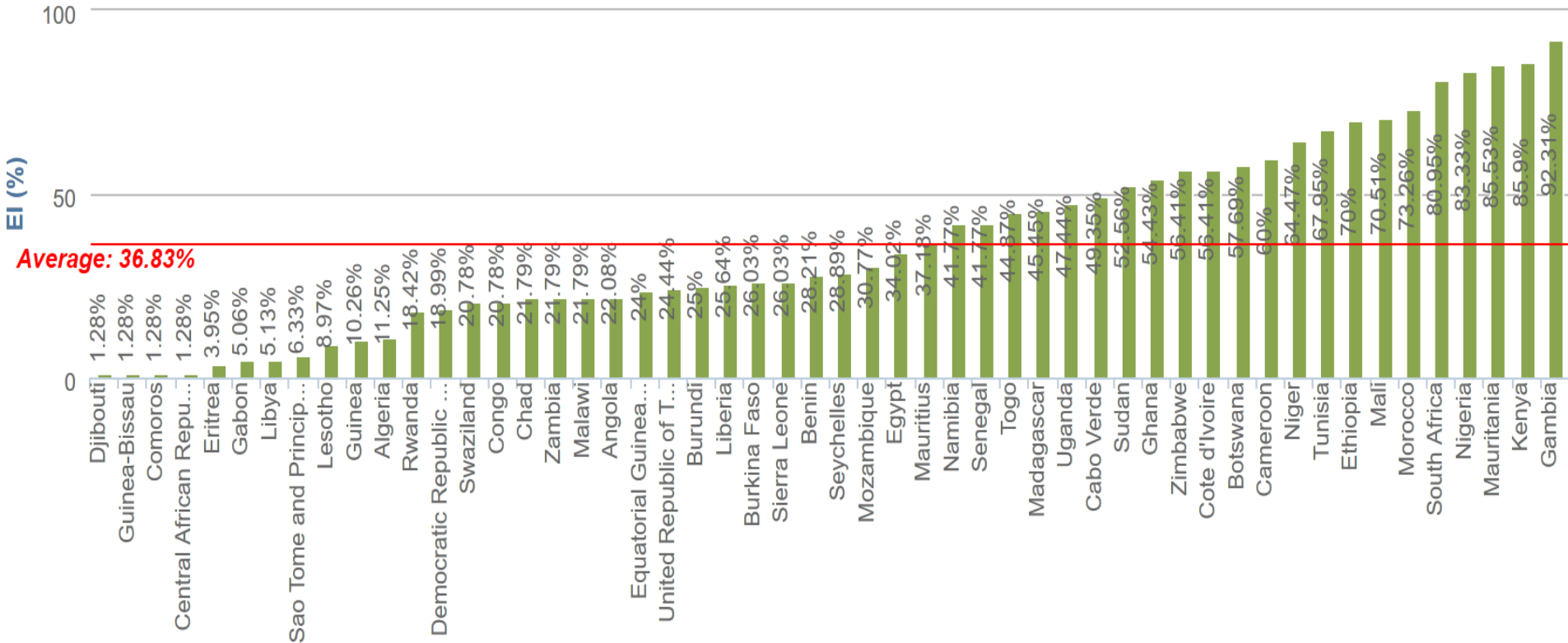
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- ❖ The Average EI of AIG for AFRICA is 40,58%
- ❖ The Average EI of AIG for the World is 54,41%



CE 4- Qualified technical personnel

CE4 EI by State
AFRICA AFI



Average: 36.83%

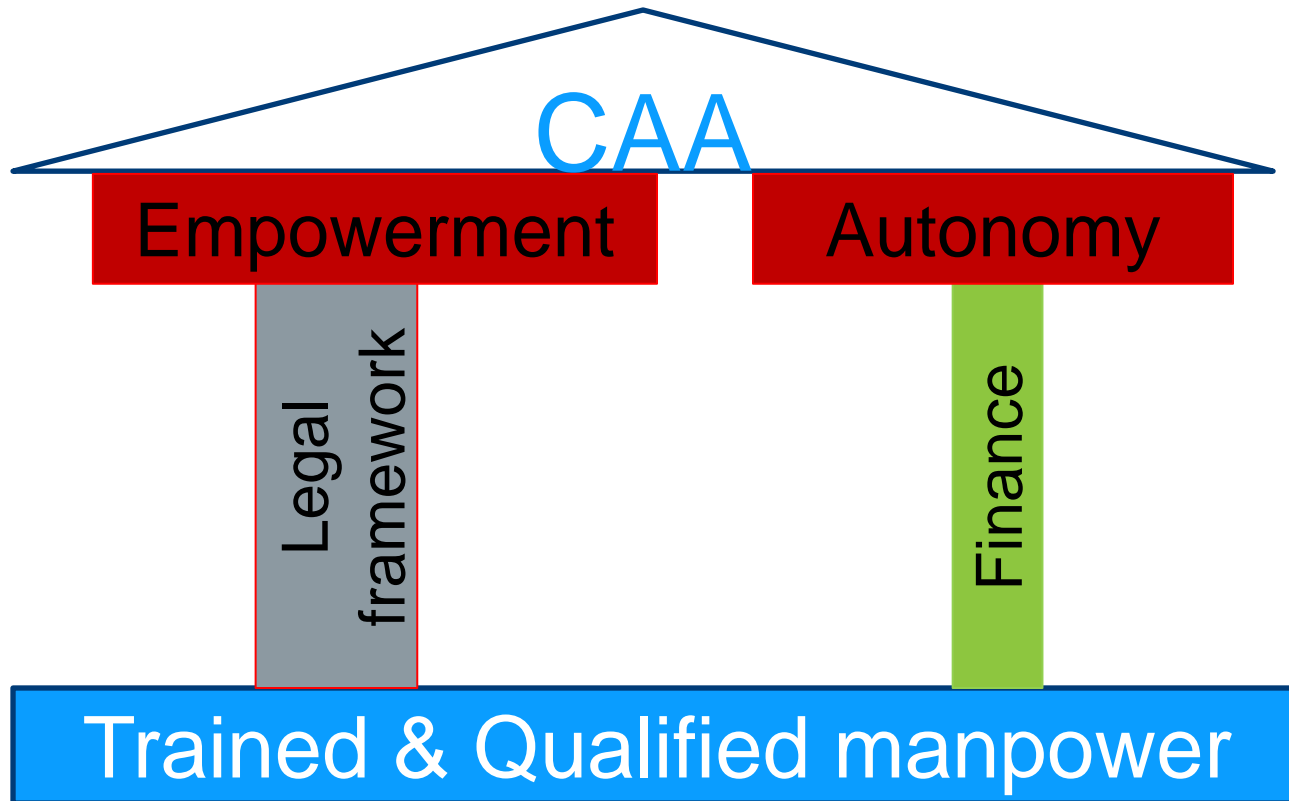
Source : iSTARS/ICAO

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- ❖ The Average EI of CE4 for AFRICA is 36,83%
- ❖ The Average EI of CE4 for the World is 50,05%



STATE CIVIL AVIATION SYSTEM AND SAFETY OVERSIGHT FUNCTIONS (CE-3)





Support, Assistance and Cooperation

- Representatives of African States to ICAO
- ICAO Secretariat
- Industry Representatives
- Donor States
- International Organisations
- Banks

Composition of the AFI Plan Steering Committee





17th AFI Plan Steering Committee Meeting

(Malabo, 30 June 2016)

Objectives:

- To review activities of the AFI Plan and in particular, the status of implementation of the Abuja Safety Targets and 2016 AFI safety Goals.
- To endorse the draft projects on **aerodrome certification, training roadmap, ANSP peer review, SSP/SMS, SAR.**
- *To endorse the AFI ANS performance indicators and targets;*
- Relevant outcomes of the AFI Safety Symposium will be considered by this meeting for incorporation in the AFI Plan work Programme.

Participants:

- AFI Plan Steering Committee Members;
- Directors General of Civil Aviation from AFI Region Member States; and
- Invited representatives of other Member States and international/regional organizations.



AFI Plan Steering Committee



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