



## **AVIATION SAFETY IN AFI REGION**

***Challenges and Opportunities at the regional level with a focus on Regional Safety Oversight Organizations : Delegation of safety oversight functions to RSOOs***

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# Establishment of CASSOA

- ❖ 18th April 2007 EAC Council of Ministers approved the establishment of the EAC Civil Aviation Safety and Security Oversight Agency (CASSOA) as an autonomous self-accounting institution of the EAC
- ❖ CASSOA is one of the Institutions of the East African Community which are located in various Partner States
- ❖ CASSOA is one of the several Institutions of the East African Community

# Establishment of CASSOA...cont.

The EAC Institutions include:

- ❖ The Civil Aviation Safety and Security Oversight Agency
- ❖ The East African Development Bank (EADB);
- ❖ The East African Health Research Commission (EAHRC);
- ❖ The East African Kiswahili Commission (EAKC);
- ❖ The East African Science and Technology Commission;
- ❖ The Inter-University Council for East Africa ;
- ❖ The Lake Victoria Basin Commission; and
- ❖ The Lake Victoria Fisheries Organization.

# Establishment of CASSOA...cont.

- ❖ The Agency is established by two legal instruments, the Protocol Establishing CASSOA and the CASSOA Act
- ❖ Since 15<sup>th</sup> March, 2010 CASSOA Headquarters is hosted by the Republic of Uganda having moved from the East African Community Headquarters in Arusha, through a Headquarter Agreement signed between CASSOA and Uganda

# Establishment of CASSOA...cont.

## CASSOA Mandate

- ❖ Assist the Partner States in their undertaking to make air transport services safe, efficient and profitable while adopting common policies for the development of civil air transport in the region.
- ❖ Mandate derived from Article 92 of the Treaty (Civil Aviation and Civil Air Transport) outlines a comprehensive system of cooperation among the Partner States in civil aviation and air transport

# Establishment of CASSOA...cont.

## Mission and Vision

- ❖ **Vision** - Attaining a safe and secure regional civil aviation industry through enhanced oversight systems.
- ❖ **Mission** - Developing, promoting and coordinating the implementation of sustainable civil aviation safety and security oversight systems in the Partner States.

# Establishment of CASSOA...cont.

## Functions of CASSOA

- ❖ Harmonising operating regulations to ensure that they meet international standards and recommended practices;
- ❖ Developing standardised procedures for licensing, approving, certificating and supervising civil aviation activities; and
- ❖ Providing guidance and assistance to Partner States including putting in place measures for resource sharing particularly for the technical personnel.

# Establishment of CASSOA...cont.

## Agency Membership

- ❖ Membership is determined by being a party to the EAC Treaty and acceding to the Protocol
- ❖ Republics of Burundi, Kenya, Rwanda, South Sudan, United Republic of Tanzania, and Uganda are the current members of CASSOA having signed or acceded to the Protocol and Treaty.

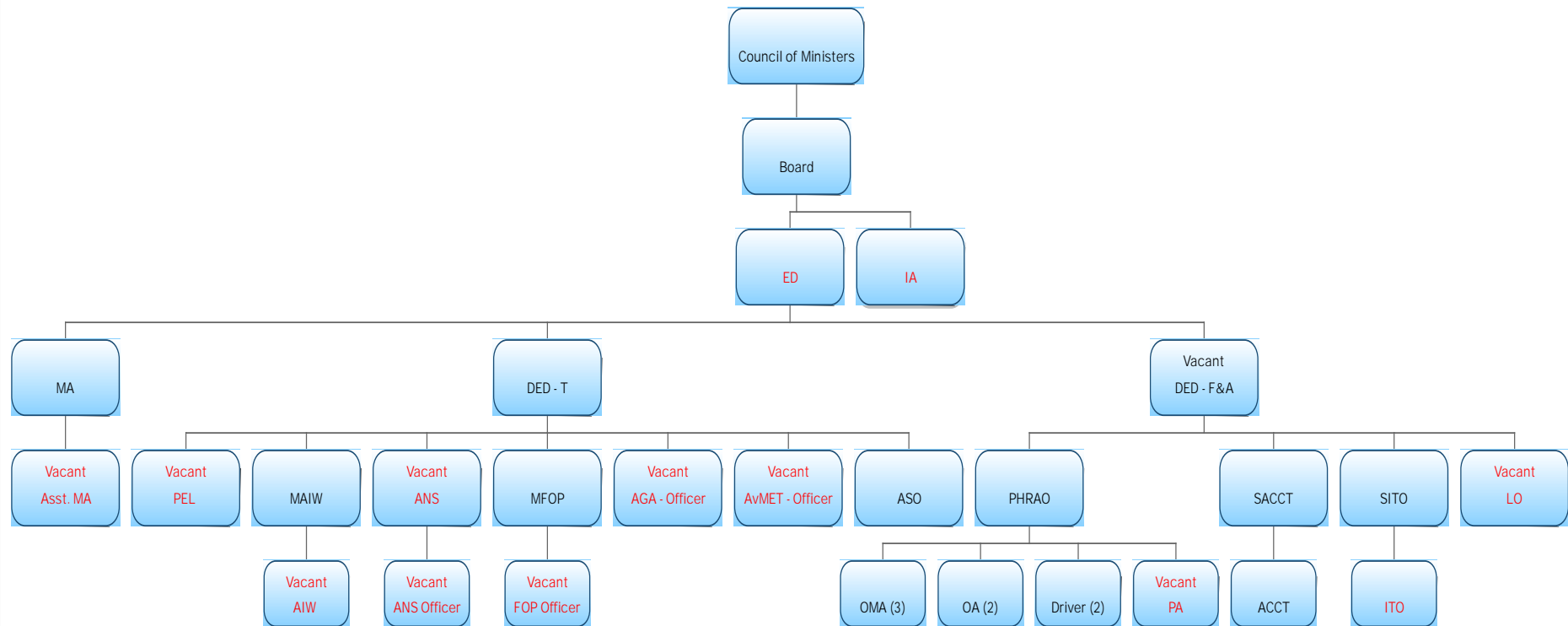
# Establishment of CASSOA...cont.

The organs of the Agency are:

- ❖ The Board
- ❖ The Secretariat
- ❖ Other organs and officers as the Board may consider necessary  
(Technical Committees, Working Groups, officers)

The Board reports to the Council of Ministers

# Establishment of CASSOA...cont.



# Agency Activities

- ❖ CASSOA Operations are enhanced by the great support received from Partner States
- ❖ Inspectors from Partner States facilitate the activities of the Agency in regular Working Group Meetings
- ❖ Annual Operational Plan provides the activities to be conducted throughout the year and the associated budget
- ❖ The Technical Committees review the activities done by the Working Groups and makes recommendations to the Board for consideration and approval as appropriate, on quarterly basis

# Agency Activities...cont.

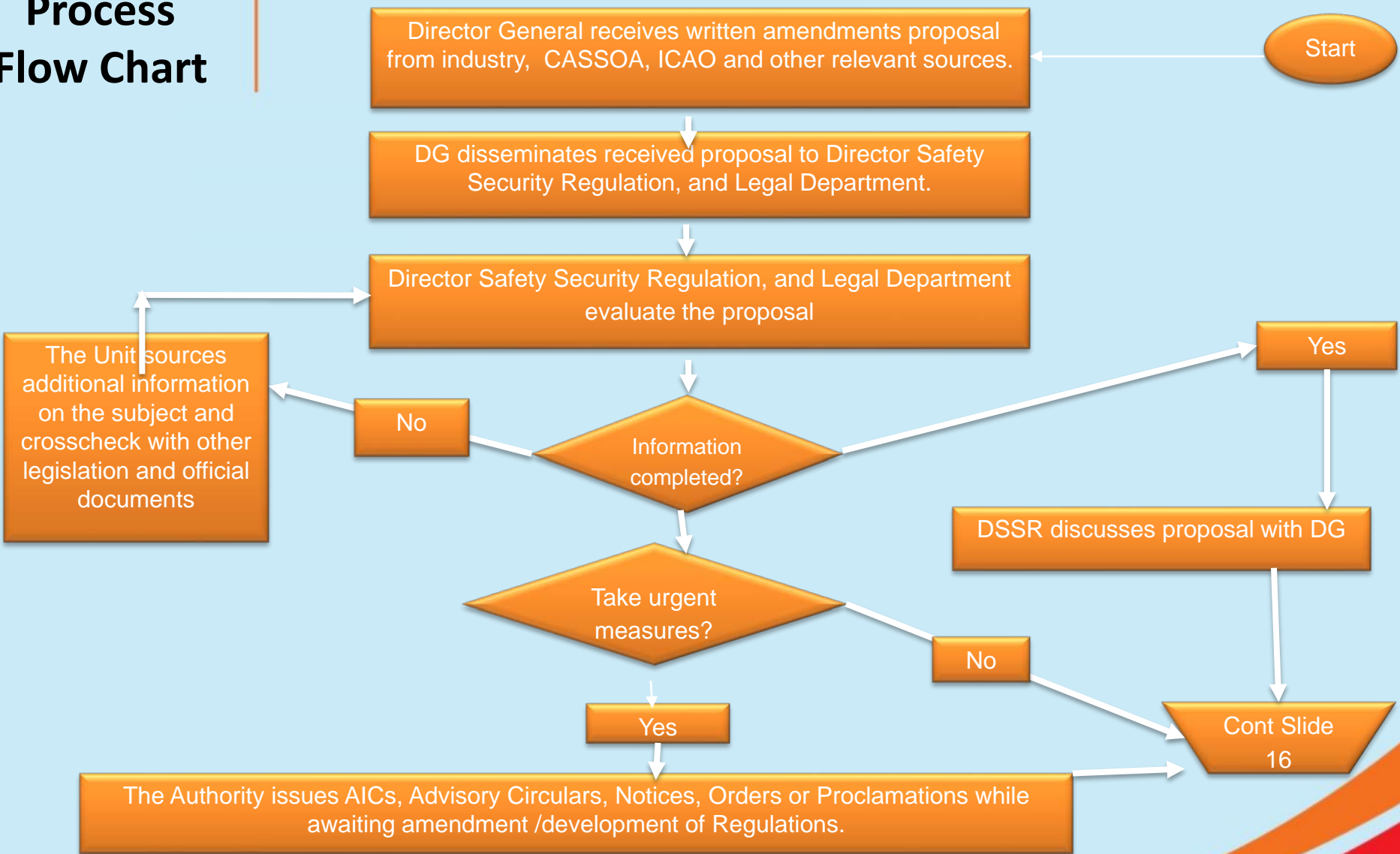
- ❖ The Board meets every quarter to provide policy and strategic leadership to the Secretariat
- ❖ The Board also considers recommendations made by the Technical Committees and where appropriate makes recommendations to the Council of Ministers
- ❖ All the documents relating to Agency activities are stored in the secure Document Management System (DMS), accessible by Partner States' focal persons

# Agency Activities...cont.

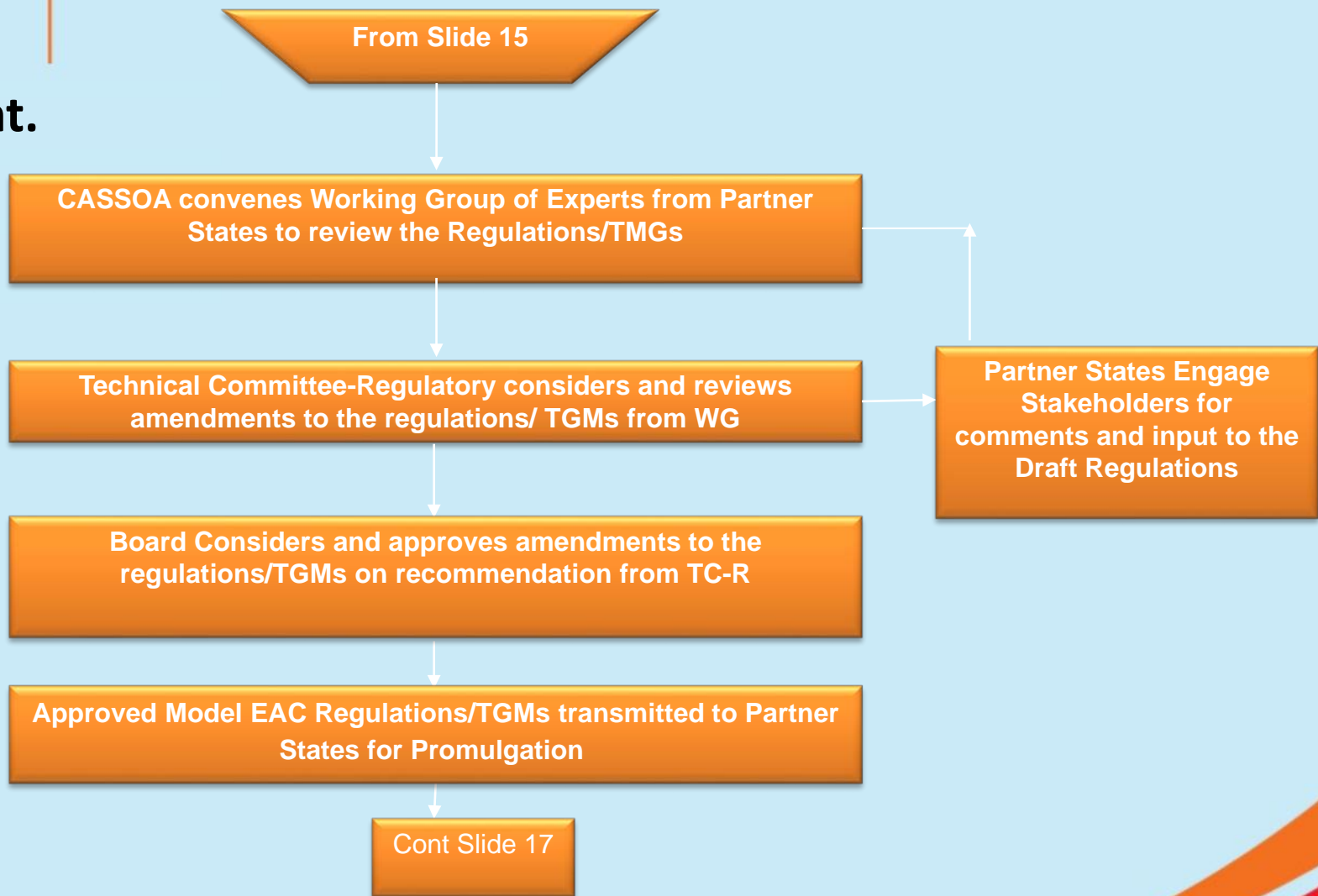
Main activities conducted by CASSOA include the following:

- ❖ *Development ,Review and Amendment of Model EAC Primary Civil Aviation Act and Aircraft Accident and Incident Investigation Act*
- ❖ *Development, Review and Amendment of Model EAC Civil Aviation Regulations, Review and Amendment of Technical Guidance Materials*

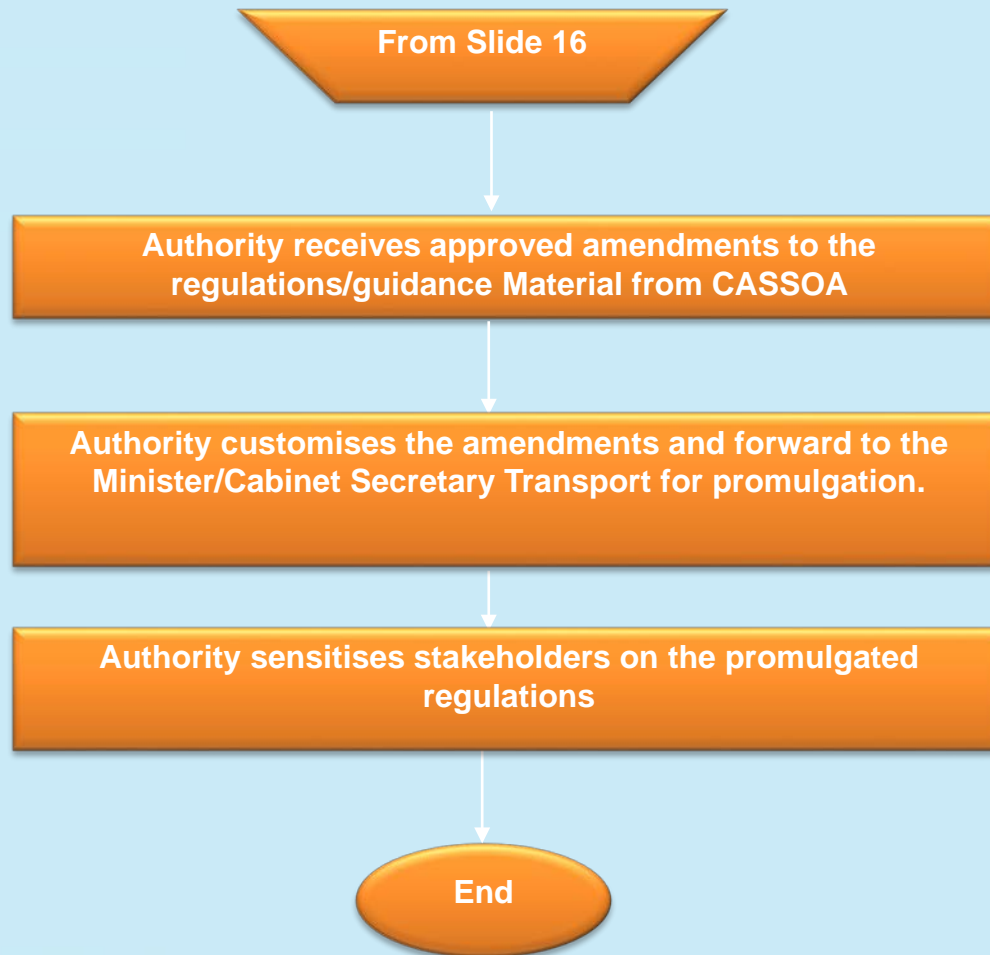
# Process Flow Chart



# Process Flow Chart...cont.



# Process Flow Chart...cont.



# Agency Activities...cont.



- ❖ *Technical Assistance to the Partner States in preparation for ICAO Safety Audits and development of Corrective Action Plans*

# Agency Activities...cont.



- ❖ *Technical Assistance to the Partner States in establishing and maintaining State Safety Programme (SSP)*

# Agency Activities...cont.

## ❖ Technical Training 2018



## ❖ Technical Training 2017



# On going projects

The Agency has initiated a number of projects in the region, namely:

- ❖ Automatic Validation of PEL in EAC Region;
- ❖ Centre for Aviation Medicine in Nairobi;
- ❖ Sustainable Funding Mechanism;
- ❖ ECCAIRS Installation and Implementation in Partner States; and
- ❖ Recruitment of PEL, ANS and AGA Experts

# Achievements

Some of the achievements are:

- ❖ Developed Model EAC Primary Civil Aviation Legislation for adoption and promulgation by Partner States;
- ❖ Developed of Model EAC Regulations for adoption and promulgation by Partner States;
- ❖ Developed Model EAC Technical Guidance Materials for adoption and promulgation by Partner States;
- ❖ Marked improvement of EI amongst Partner States;

# Achievements...cont.

- ❖ Pooling of resources such as sharing of Inspectors;
- ❖ Enhanced Capacity building through Inspector Training ;
- ❖ Regional Road map for implementation of State Safety Programmes;
- ❖ EAC Examinations System;
- ❖ Participation in the RSOO CP and GASOS initiatives; and
- ❖ Stakeholders engagement through Regional Aviation Symposia.

# Achievements...cont.

**4<sup>th</sup> EAC Aviation Symposium  
held in February 2018**



**6<sup>th</sup> Academia Public Private  
Partnership Forum**



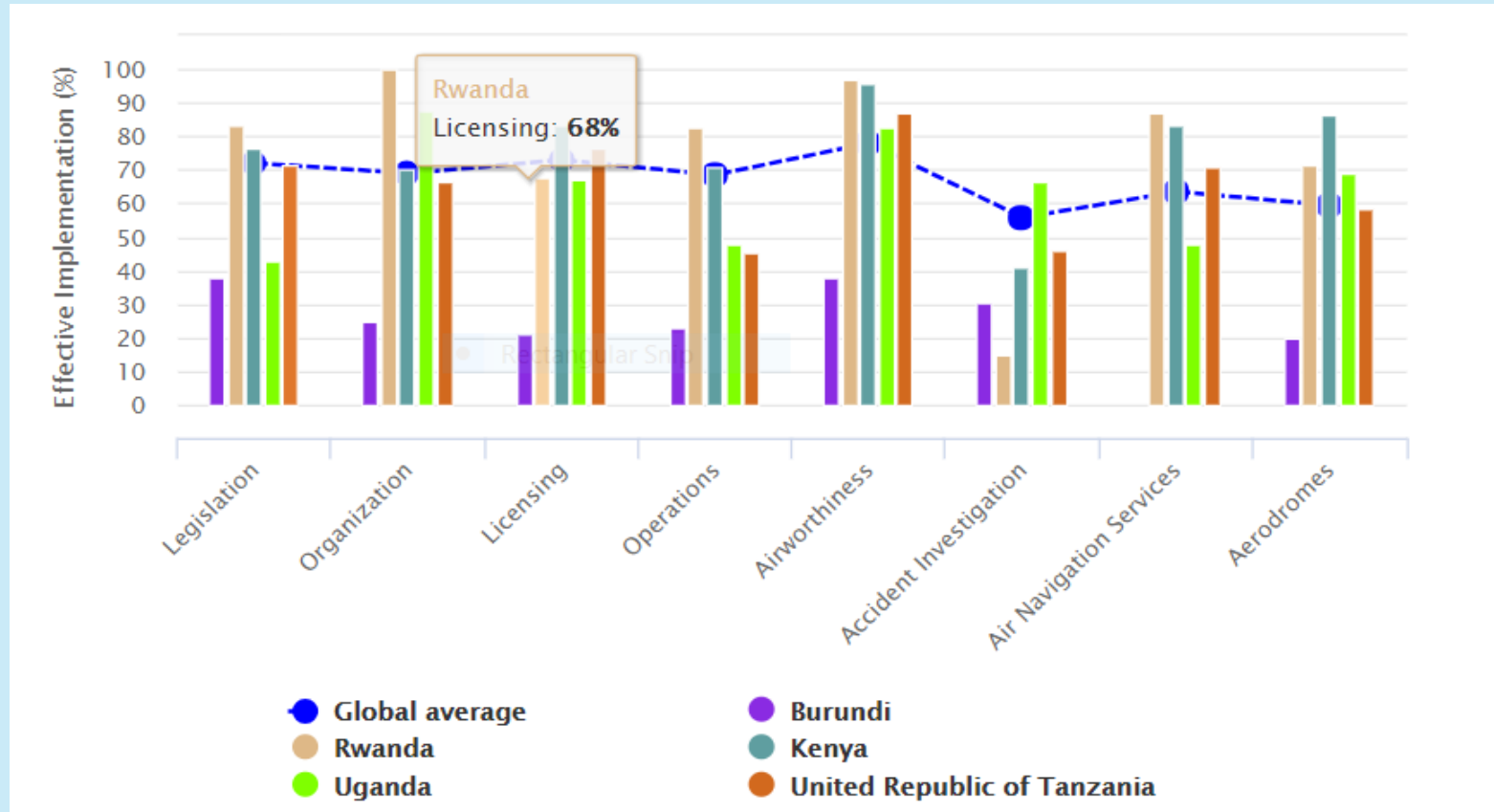
# Achievements - USOAP

## The 8 Critical Elements





# Achievements - USOAP



# Achievements - USOAP

Country	Year	Overall	LEG	ORG	PEL	OPS	AIR	AIG	ANS	AGA
Burundi	2013	26.74	38.1	25	21.21	22.95	38.1	30.39	-	19.86
Kenya	2013	77.84	76.19	70	83.33	70.73	95.41	40.86	83.04	86.67
Uganda	2014	61.26	42.86	87.5	67.09	47.58	82.86	66.3	47.62	68.7
Tanzania	2017	63.97	71.43	66.67	76.34	45.26	87.07	46.08	70.86	58.22
Rwanda	2017	73.74	83.33	100	68	82.61	97.12	15.05	87.21	71.76

# Achievements - USOAP

Country	Year	CE1	CE2	CE3	CE4	CE5	CE6	CE7	CE8
Burundi	2013	46.67	51.96	17.78	27.03	39.37	6.5	4.88	2.44
Kenya	2013	81.25	84.85	80	84.06	72.66	85.71	61.33	51.11
Uganda	2014	67.74	75.76	67.14	52.17	82.54	56.54	41.33	25
Tanzania	2017	60.61	83.19	65.82	80	73.53	59.66	47.44	16
Rwanda	2017	63.33	86.17	83.1	83.58	60.48	82.63	64.38	34.09

# Challenges

Current challenges include:

- ❖ Human resource constraints;
- ❖ Lack of sustainable funding mechanism;
- ❖ LEI in Partner States;
- ❖ Slow harmonization of Civil Aviation Regulations and Procedures; and
- ❖ Lengthy processes in promulgation of Primary legislation and Civil Aviation Regulations in Partner States.

# Agency Future Plans

CASSOA plans for the future:

- ❖ Implement a Passenger Levy to fund Agency activities;
- ❖ Expand the mandate of the Agency from level 1 to level 2 RSOO;
- ❖ Increase Staffing levels to fill all positions in the approved Organization Structure; and
- ❖ ISO 9001 Certification.

# Conclusion



The Board is  
Composed of  
Directors General  
and Aviation  
Experts from the  
Six EAC Partner  
States

# Conclusion...cont.

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**Thank You**

