



**canso**

civil air navigation services organisation

Transforming Global ATM Performance

**AFRICAN AIR NAVIGATION PROVIDERS MEETING**

**APIRG/21**

**9-12 October 2017**

**NAIROBI**

# ANSP Peer Review Mechanism

- The Africa ANSP Safety Initiative was launched by the President of ICAO during the High Level Safety Conference in February 2015
- The objective of the meeting was to address some of the air navigation challenges that the AFI region is facing
- The initiative will enable participating ANSPs to standardize the elements of their safety management systems in line with peers
- The results will allow ANSPs to determine the maturity levels of their safety management systems

# Methodology of implementation

- **CANSO Standard of Excellence in SMS**
- **CANSO SMS Implementation Guide**
- **CANSO SMS Maturity Survey**

## CANSO Standard of Excellence in Safety Management Systems



Objective	Initiating	Planning / Initial Implementation	Implementing	Managing & Measuring	Continuous Improvement
1.2 A just and open climate for reporting and investigation of occurrences  NB: Thorough reporting and investigation must include the complete process from notification, data gathering, reconstruction, analysis, safety recommendation and implementation of remedial actions, up to final reporting, exchange of lessons learned and effective monitoring.	Management believes there are no issues regarding the existing reporting and investigation climate and therefore does not see the need for any activity or dialogue with the staff in this area.	Discussions between staff and management to define a just and open reporting and investigation climate are underway. However, no agreed policy and procedures are in place yet.	Policy and procedures which support an open reporting climate, and Just Culture principles are in place.  Safety data-sharing and publication policies are supported by the staff.  Safety data are sufficiently protected from external interference within legal limits.	Within the organisation, the line between reporting climate, and Just Culture principles is established and is known and accepted by the all levels in the organisation.  Just culture reporting and investigation principles and processes are systematically applied within organisation.	Under certain legal regimes, there is a clear and published policy on how dialogue with judicial authorities and media is established and followed.  As the organisation changes and evolves, the organisation sustains and maintains its Just Culture approach.  Lessons from within the organisation and different industry sector are used to enhance to organisation's approach to Just Culture.
1.3 Regular measurement of safety culture and an	The organisation does not see	The organisation is aware of the need to have periodic	Safety culture is measured and results are available.  An improvement plan has been documented which addresses the need for individuals to be aware of, and support, the organisations shared beliefs, assumptions and values regarding safety	The organisation assesses its safety culture on a regular basis and implements improvements to any identified weaknesses.  Safety Culture enablers and barriers are identified, and solutions to reduce barriers are being implemented.	All personnel are pro-active and committed to improving safety.  Safety Culture Surveys confirm that within the organisation, there is a high level of alignment between what is said what is done, and what is believed.  Organisational management approves a continuous improvement plan.

## CANSO Safety Management System Implementation Guide



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# Evolution of CANSO Safety Maturity



**CANSO Safety  
Standard  
Programme**



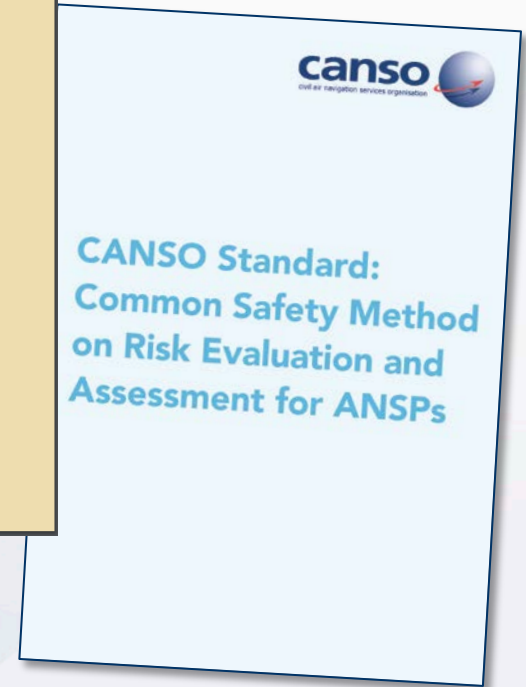
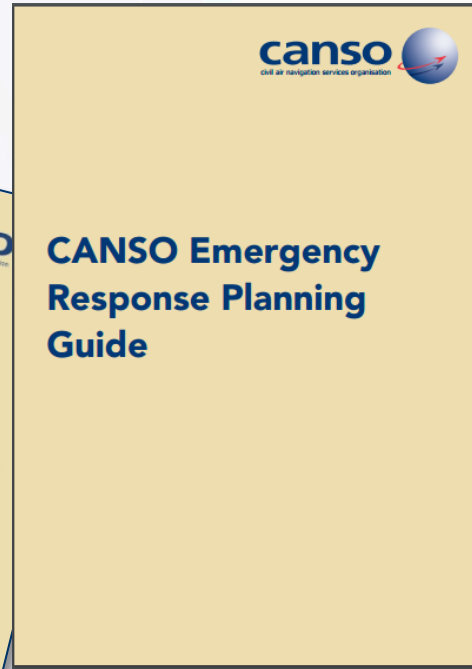
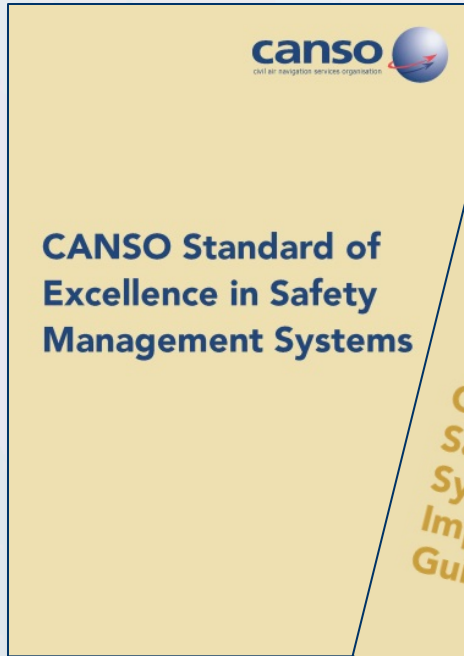
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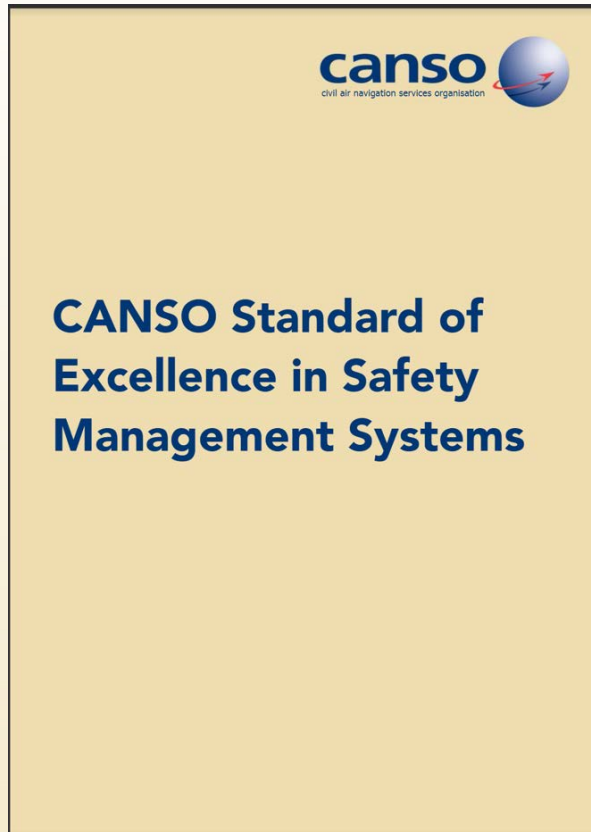


# CANSO Safety Products



<https://www.canso.org/publications>

# CANSO Standard of Excellence in SMS



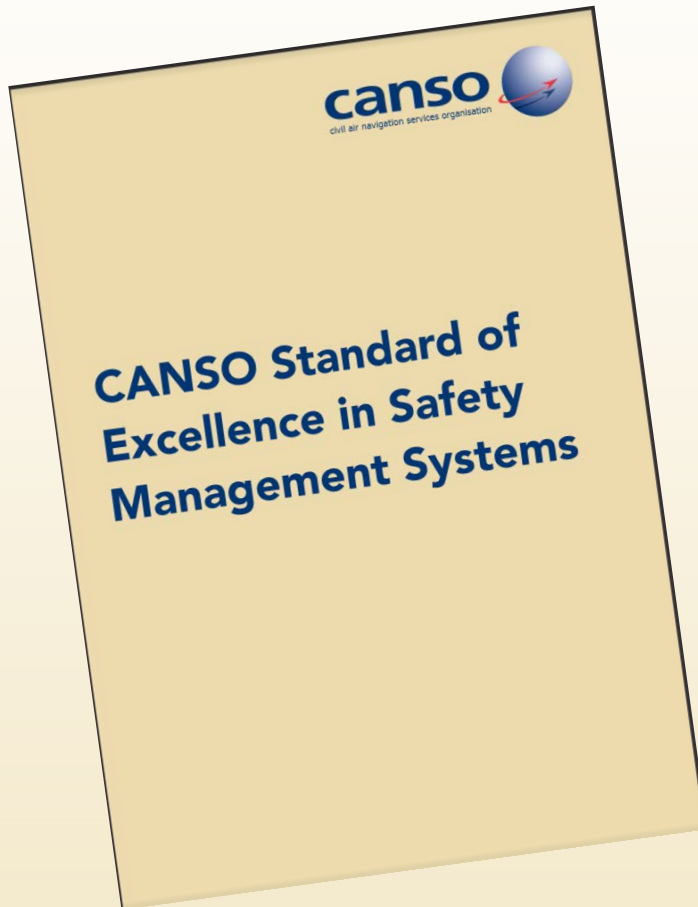
The ***CANSO Standard of Excellence in Safety Management Systems*** provides a framework for the implementation and maturity of an appropriate SMS and serves as means through which ANSPs can comply with the requirements contained in ICAO Annex 19 – Safety Management

# BENEFITS OF USING SoE

- Educating Members about how higher levels of SMS implementation can be achieved
- Satisfy regulators that Members have met ICAO requirements
- Influence the ICAO view of CANSO safety management products and services
- Avoid regulatory intervention by ICAO to extend its audit programmes to ANSPs
- Secure CANSO's position as the industry focal point for best practice in safety management
- Motivate current and potential CANSO Full Members



# SEANS-Safety



***Standard of Excellence in Air Navigation Services – Safety (SEANS-Safety)*** provides an independent expert assessment of an ANSP's SMS Maturity Level

Assessments are based on the ***CANSO Standard of Excellence in SMS***, Aligned with ICAO Annex 19 – Safety Management



# Peer review teams using CANSO documents

## ➤ **Team 1**

ASECNA, ATNS, Botswana CAA, Swaziland CAA

## ➤ **Team 2**

Uganda CAA, Tanzania CAA, Burundi CAA, Rwanda CAA and Kenya CAA

## ➤ **Team 3**

NAMA, GCAA, Roberts FIR

## ➤ **Team 4**

Mozambique Airports, Malawi, Madagascar, Zimbabwe CAA, Zambia Airports

## ➤ **Team 5**

Morocco CAA, Tunisia, Algeria

# Proposed way Forward

- ANSPs/States to identify peers based on similar characteristics (e.g. airspace, equipment, procedures or even sub-region etc.) to assist in pairing ANSPs for peer review purposes
- More than 80% of CANSO members in Africa have signed declaration of commitment to peer review
- Recommend that more ANSPs should commit to the project

# Proposed Future Plans

- Peers to co-opt Safety experts to supplement the peer review team
- The teams from each ANSP to then visit each to conduct the peer reviews based on identified CANSO questionnaires
- As part of the procedure, adopt and facilitate the periodic peer review exchange visit among Partner ANSPs

# Proposed Future Plans

- The peers are also required to provide a brief report on the status of implementation of SMS with reference to the ICAO four-phased implementation approach
- Implement SMS (Support Observation), by establishing a continuous regional forum for safety management and co-opt safety experts from other Members ANSPs to supplement the peer review team
- A representative of CANSO, as secretariat, will be present to act as an observer and offer support
- Collaborate with established regional groups to expand project

# Future Plans continued

- Evaluate the program
- Carryout regular peer reviews under the agreed framework
- Peers to support each other to address the identified weaknesses
- Secure support from initiatives like CANSO's SEANS- Safety where necessary

# Conclusion

Based on the learnings of the groups above, the following will supplement the reviews:

- Training in Just culture.
- Training in SMS
- Measurement of safety culture to be done on an ad-hoc basis.
- Identification of dedicated SMS staff by review partners
- Budgeting for implementation of SMS

**For more information:  
CANSO website  
safety link**

**[www.canso.org](http://www.canso.org)  
[boni.dibate@canso.org](mailto:boni.dibate@canso.org)**



The background features a bright sun in the upper right corner, partially obscured by a light blue circular glow. Two large, semi-transparent arrows are positioned diagonally across the frame, pointing towards the bottom right. The top arrow is reddish-orange, and the bottom arrow is light blue. The overall background is a soft, light blue gradient with subtle circular patterns.

**THANK YOU**

**Questions**



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## Transforming Global ATM Performance

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