CANSO Standard of Excellence in Air Navigation Services – Safety (SEANS-Safety)

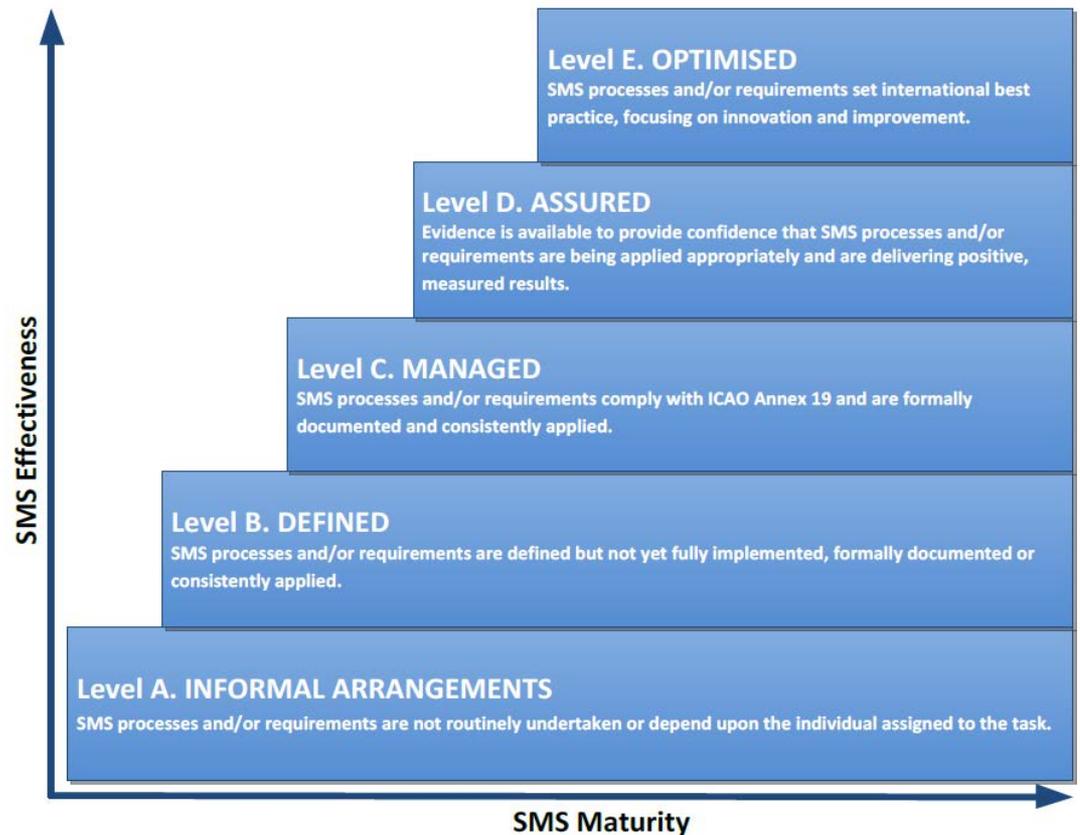# CANSO Safety Products

CANSO Standard of Excellence in Safety Management Systems

CANSO Safety Management System Implementation Guide

CANSO Emergency Response Planning Guide

CANSO Standard: Common Safety Method on Risk Evaluation and Assessment for ANSPs

https://www.canso.org/publications

SMS Maturity Survey

Annual survey asking Members to **self-measure and report** the implementation level of each SMS element as defined in the CANSO Standard of Excellence in SMS

Level E. OPTIMISED
SMS processes and/or requirements set international best practice, focusing on innovation and improvement.

Level D. ASSURED
Evidence is available to provide confidence that SMS processes and/or requirements are being applied appropriately and are delivering positive, measured results.

Level C. MANAGED
SMS processes and/or requirements comply with ICAO Annex 19 and are formally documented and consistently applied.

Level B. DEFINED
SMS processes and/or requirements are defined but not yet fully implemented, formally documented or consistently applied.

Level A. INFORMAL ARRANGEMENTS
SMS processes and/or requirements are not routinely undertaken or depend upon the individual assigned to the task.

SMS Effectiveness

SMS Maturity

SMS Maturity Survey Results 2014
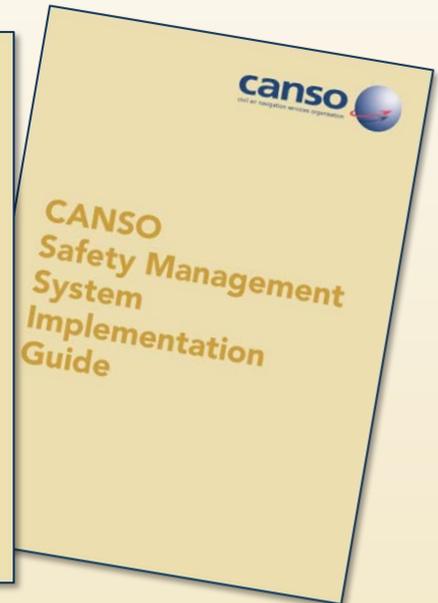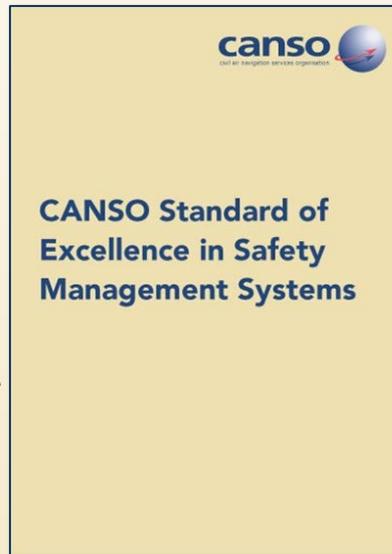
- Sample SMS maturity survey results

Based on Self Assessments
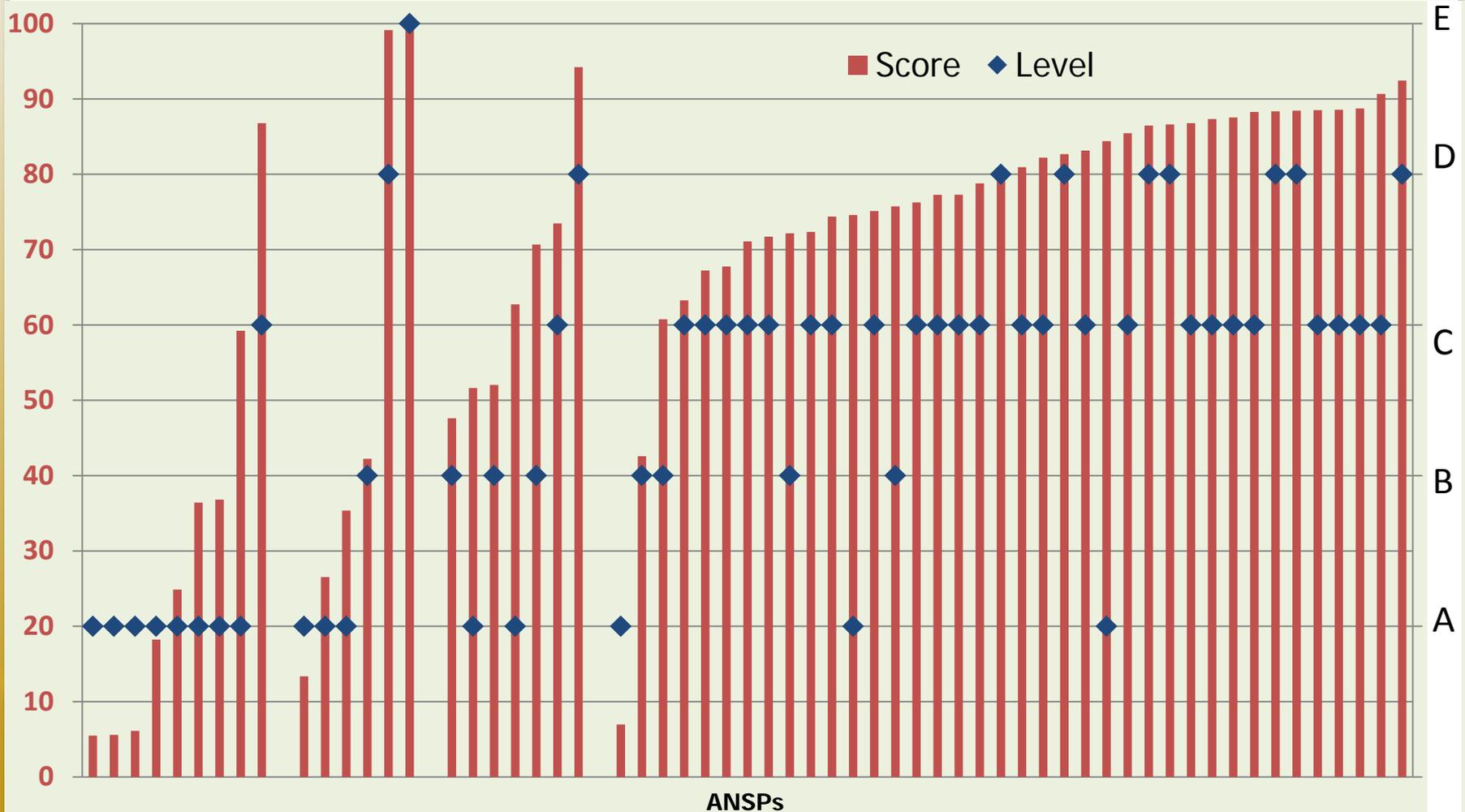
CANSO SEANS-Safety

- SEANS-Safety will assess and validate the SMS maturity levels of CANSO Member air navigation service providers (ANSPs)

Based on CANSO SoE in SMS, it is aligned to **ICAO International Standards and Recommended Practices Annex 19, Safety Management**

How does it work?

- The team will **travel to your ANSP** to conduct a week long review of your SMS, assisted by an onsite safety expert from your ANSP

- The team will review your CANSO SMS Maturity Survey results with the assistance of your onsite safety expert *(who can also translate if needed)*

- The team will NOT conduct an audit
  - They will not check documentation, but respondents must be able to point to some internal document, procedure, law or any other hard evidence to explain how an answer is justified

Regional Support for SEANS-Safety

- CANSO is asking Regional Directors and Regional Safety Work Groups to assist by helping to facilitate regional training of a regional **SEANS-Safety assessor pool**

- The goal is to build a pool of SMS safety experts in every region, who can then assist with the SEANS-Safety prorgamme

Training will be available starting in 2017

Regional SEANS-Safety Beta Trials

CANSO Global ATM Safety Conference

Save the Date:

6-11 November 2016
Budapest, Hungary

Hosted by HungaroControl

Have Questions or Need Assistance?

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www.CANSO.org/safety

Backups

SSC Steering Committee Members

2016 SSC Steering Committee *(from left to right)*	
Job Brüggen, LVNL	Osman Saafan, DFS
David Harrison, NATS	Rob Weaver, Airservices Australia
Mihaly Kurucz, HungaroControl	Hanan Qabartai, Acting ME Rep
Larry Lachance, NAV CANADA	*Middle East Rep (TBD)*
Tembisa Maphike, ATNS	
Steve McMahon, FAA	

2016 Middle East Activities

- **Regional SMS mini-Survey** (11 ANSPs)
- **SMS Regional Workshop in Cairo** (August)
- **Support** for the **ICAO Safety Enhancement Initiative in SMS for ATM**

SAFETY MANAGEMENT SYSTEM

COLLECT		FIND			FIX	
Report	Digital	Compile	Analyze	Identify	Action	Monitor

Data-Driven SMS

canso

SMS Maturity Survey (cont'd)

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.*		Justification	Evidence
A	Management believes there are no issues regarding the exisiting reporting and investigation culture and therefore does not see the need for any activity or dialogue with the staff in this area.			
B	Have there been any discussions between staff and management about developing a Just Culture to encourage reporting?			
C	Are there policies and procedures in place to support Just Culture principles?			
	Are safety data-sharing and publication policies supported by the staff?			
	Is safety data sufficiently protected from external interference (within legal limits)?			
D	Is the line between acceptable and unacceptable behaviours known and accepted by all levels within your organisation?			
	Are Just Culture reporting and investigation principles and processes systematically applied within your organisation?			
	Is there a clear and published policy on how dialogue with judicial authorities and media is established and followed under certain legal regimes?			
E	Does your organisation stand by a Just Culture approach despite changes in management?			
	Are lessons from within the organisation and different industry sectors used to enhance your organisation's approach to Just Culture?			

NEW FORMAT FOR 2016