21st MEETING OF APIRG
Nairobi, 09-11 october 2017

WP 45 - IMPLEMENTATION OF SMS AND QMS IN ASECNA

Presented by ASECNA

FOCUS on SMS and QMS implementation status, but also to challenges to improve the two systems, including the common ones to several ANSPs

STATUS OF SMS IMPLEMENTATION

- SMS achieved as per as an approved plan from 2011 to 2014, in compliance with ICAO requirements.

- Since 2014, SMS fully implemented in ASECNA through the three major functions safety management, including Risk Management, Safety Assurance and Safety Promotion.
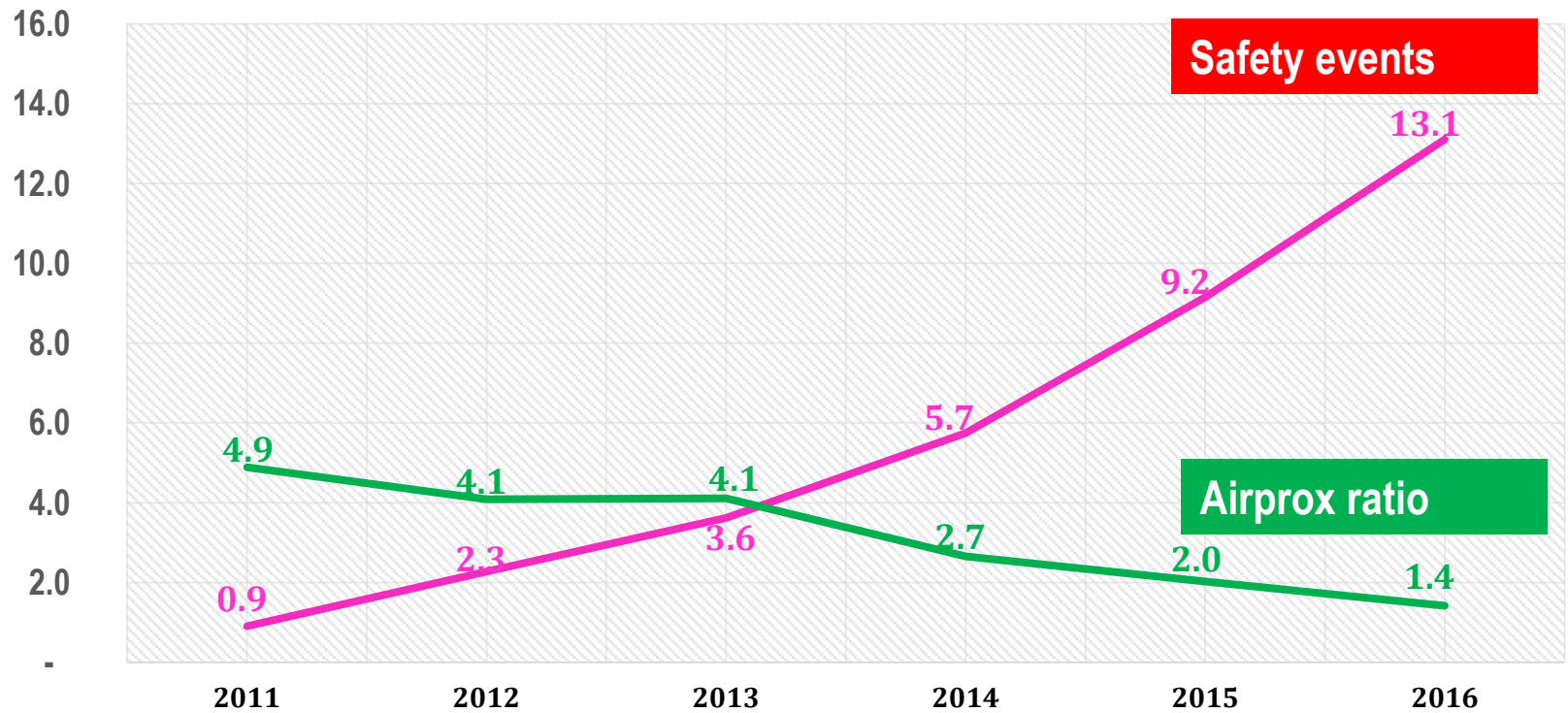
  ►Confirmed by independant audits, such as:

  - ✓ Annual audits of Commission of Safety Verification (an independent body);

  - ✓ Two blank audits of SMS conducted by independent experts, in 2014 and 2016;

  - ✓ The peer review conducted ATNS in April 2016 in the framework of the AQSA initiative

SMS AND SAFETY PERFORMANCE

Trend of safety events and airprox, from 2011 to 2016

- **Airprox descrease VS safety event increase**
- **Just culture**

STATUS OF SMQ IMPLEMENTATION

- The QMS has been achieved as per as an approved plan.

- ISO 9001:2008 certification for ASECNA activities

  ──►Leads is member States to meet the ICAO requirements related to the implementation of QMS in AIM and MET services

- Ongoing activities for transition from ISO 9001 : 2008 to ISO 9001 : 2015

CHALLENGES

- **Oversight of ASECNA SMS on base a common regulation ──► ASECNA = ANSP of 18 members States (the full operations of AAMAC should be an opportunity)**

- **Interfaces between SMS of ANSPs having adjacent airspace (Common challenge)**

- **ISO 9001:2015 certification by the end of current ISO 9001:2008 (ICAO requirements related to QMS in AIM and MET services)**

- **Extend risk management to all areas of activities (safety performances can be impacted by risks from other domains such as security, information, environment).**

- **Achieve the implementation of Security Management System dealing at least with protection of air navigation systems against new threats such as cyber-attacks (Common challenge)**

The meeting is invited to:

a) Note the experience of ASECNA in implementation of SMS an QMS

b) Due to the interoperability of air navigation systems :

- Note that SMS interfaces and the protection of the air navigation systems against the new threats such as cyber-attacks, constitute major challenges for all the ANSPs

- Adopt the following conclusion: "the ANSP of the Region AFI should achieve a Security Management System dealing at least with protection of air navigation systems against new threats such as cyber-attacks".

THANK YOU FOR YOUR ATTENTION