



## **ICAO Global Aviation Safety Update**



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Safety Update

### **Global Status**





Our
Aspirational
Safety Goal



#### Accident and Fatal Accident Trend







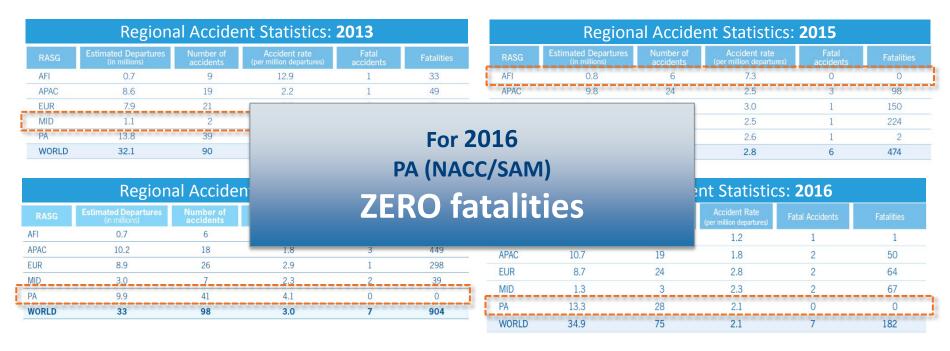
# Accidents per RASG Region (2016)







#### We are not that far...







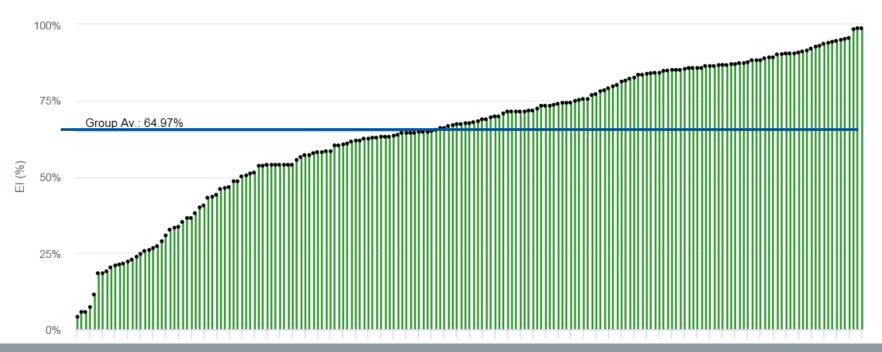
### Risks/Barriers to Achieve our Goal

- Effective Implementation of CEs
- ICAO's global safety priorities
  - Operational safety risks
- Current and emerging issues



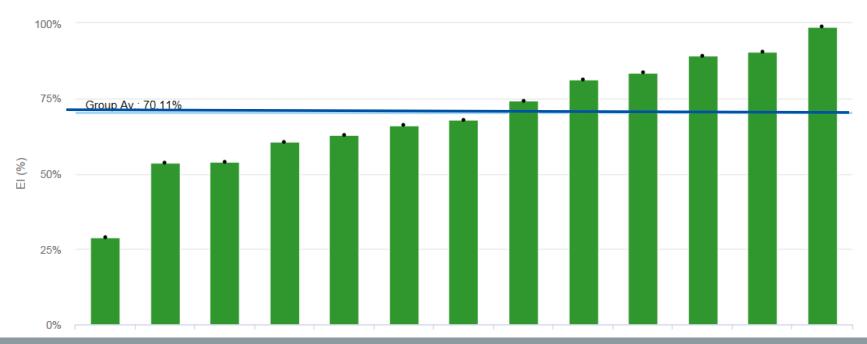


## Implementation Status: El Score World





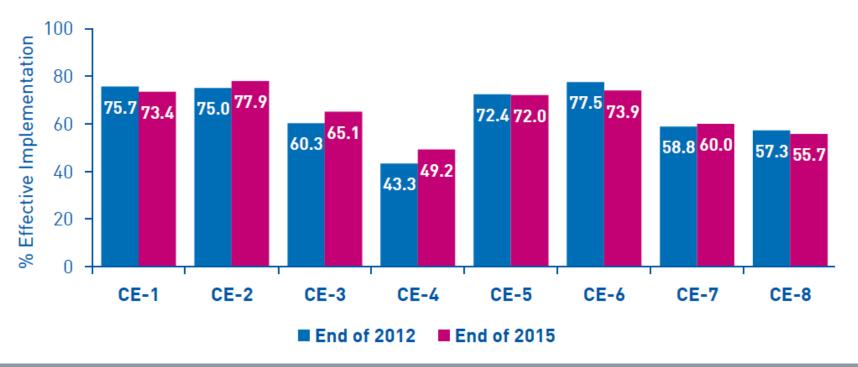
## Implementation Status: El Score MID







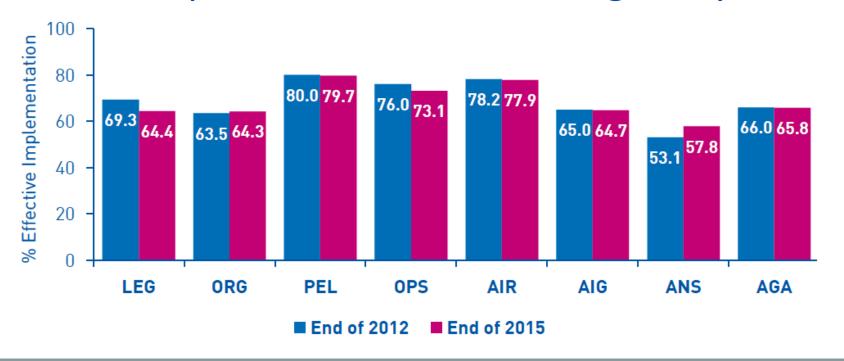
#### USOAP Report 2013-2015: MID Region by CEs





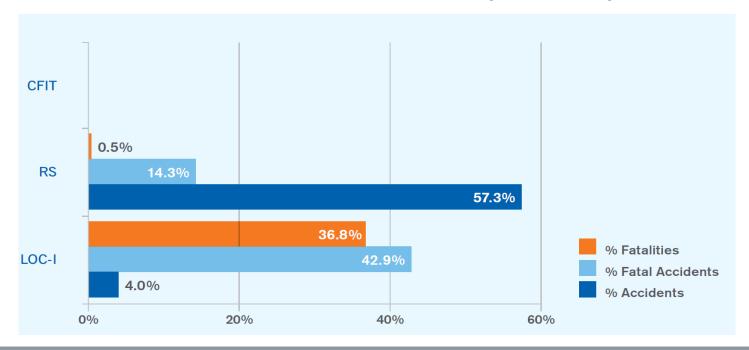


#### USOAP Report 2013-2015: MID Region by Areas





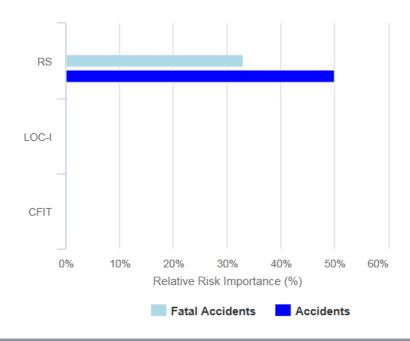
## Breakdown of Priorities (2016) World







### Breakdown of Priorities (2012-2016) MID







### **Current & Emerging Issues**







Safe Travels: ICAO's agenda for Safety

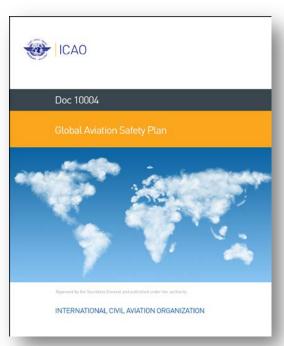
# What We Have Today





#### 2017-2019 Edition of GASP

- Global safety strategy
  - ICAO strategic objective on safety
  - GASP objectives
  - Roles of stakeholders
  - Roadmap
- Focus areas to improve safety
  - Global safety priorities
  - Emerging priorities
- GASP framework
  - Safety performance enablers

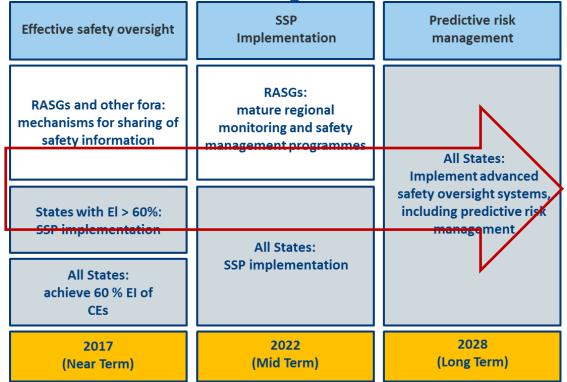


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### **GASP** Objectives





#### Amendment 1 to Annex 19

- Integration of CEs with SSP provisions
- Enhancement of SMS provisions to support uniform implementation
  - organizations responsible for type design
  - and/or manufacture of engines and propellers
- Protection of safety data, safety information and related sources
  - Higher level of protection for voluntary reporting systems
  - Protection of mandatory reporting systems





### What's Next?



## SSP Pre-requisites

- SSP Foundation Tool complements SSP Gap Analysis
  - Identify real gap
- Sub-set of 316 PQs identified as fundamentals
  - Prerequisites for sustainable SSP
  - Based on Annex 19 Amd 1 and SMM 4th edition.
- Pre-requisites can help States identify weaknesses in safety oversight
  - Even if EI > 60%
- States can prioritize and address pre-requisites
  - When conducting SSP Gap Analysis or defining SSP implementation plan



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#### **Global Aviation Safety Oversight System**

(supported by the Global RSOO Forum – Swaziland and Council)



- Strengthen regional safety oversight support mechanism
  - to form a global aviation safety oversight system
- ICAO responsible for establishing and maintaining an inventory of competent safety oversight providers and the functions that they provide
- Regional mechanisms and safety oversight providers
  - to demonstrate competence in the functions that they offer to provide States, in order to qualify as an ICAO recognized safety oversight provider
- Linked to next edition of the GASP and future evolution of the USOAP
  - also considering cross border transfer of aircraft and CAA inspector requirements







Safe Travels: ICAO's agenda for Safety

2020-2022 Edition of the GASP



### **GASP-Study Group**

- Argentina
- Australia
- Brazil
- Canada
- China
- Brazil
- Equatorial Guinea
- Ethiopia

- France
- Georgia
- Ghana
- Guinea
- Jordan
- Mexico
- Mozambique
- Russian Federation
- Sierra Leone

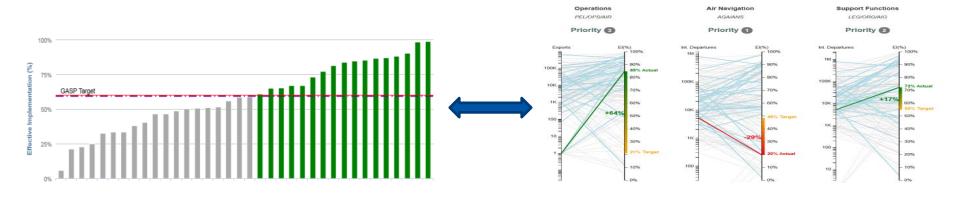
- Indonesia
- Japan
- Singapore
- South Africa
- Togo
- Turkey
- United Kingdom
  - **United States**

- ACI
- CANSO
- EASA
- EUROCONTROL
- FSF
- IATA
- IBAC
- ICCAIA
- IFALPA
- IFATCA

#### 2020-2022 Edition of GASP

Aspirational Goal: **Zero Fatalities GASP Goals: GASP Goals:** Organizational **Operational** Targets: Targets: Targets: Targets: Safety Risks **Oversight** Accidents SM **Indicators Indicators** Indicators **Indicators** 

### 2020-2022 Edition of GASP



# 6 Proposed GASP Goals

- 1. Achieve a continuous reduction of operational safety risks
- 2. Strengthen States' safety oversight capabilities
- 3. Implement SSPs
- 4. Increase collaboration at the regional level
- 5. Increase the use of industry programmes
- 6. Ensure the appropriate infrastructure is available to support safe operations

# **Goals & Targets**

- Goal 4 Increase collaboration at the regional level
  - By 2020, States that need support in areas with safety margins below zero, to use a RSOO's or another State's ICAO-recognized functions
  - By 2022, all States to contribute information on safety risks, including SSP SPIs, to their RASGs
  - By 2022, all States with a positive safety margin, and an Effective SSP, to actively engage in RASGs' SRM activities

# National, Regional and Global HRC













# **Upcoming Events**

- 2nd Global Runway Safety Symposium
  - 20-22 Nov 2017, Lima, Peru



- 11-15 Dec 2017, Montreal, Canada
- Safety Management Regional Symposia and Workshops
  - EUR/NAT 16-18 Oct 2017, Tallinn, Estonia
  - NACC & SAM 12-16 March 2018, Peru, Lima
  - APAC & MID 23-26 April 2018, Singapore
  - ESAF & WACAF 2018 (TBC)



www.icao.int/Meetings



#### ICAO UNITING AVIATION

#### NO COUNTRY LEFT BEHIND





#### www.icao.int/implement











State Safety Briefing (SSB)\*

Import / Export Risks\*

Solution Center\*

Civil Aviation Authority - Human Resources (CAA-HR) Toolkit\*



Airport Briefing\*



Regional Briefing\*



ASBU Performance Assessment Interactive Tool (PAINT)



Security and Facilitation



Environment



Training Needs Analysis (TNA)



Global Cost Database (GCDB)\*

(under development)



Enhanced State Briefing\* (under development)

