



الهيئة العامة للطيران المدني
GENERAL CIVIL AVIATION AUTHORITY

Runway & Ground Safety Working Group Activities & Achievements

Third MID Safety Summit

Doha, Qatar

24-25 May 2016

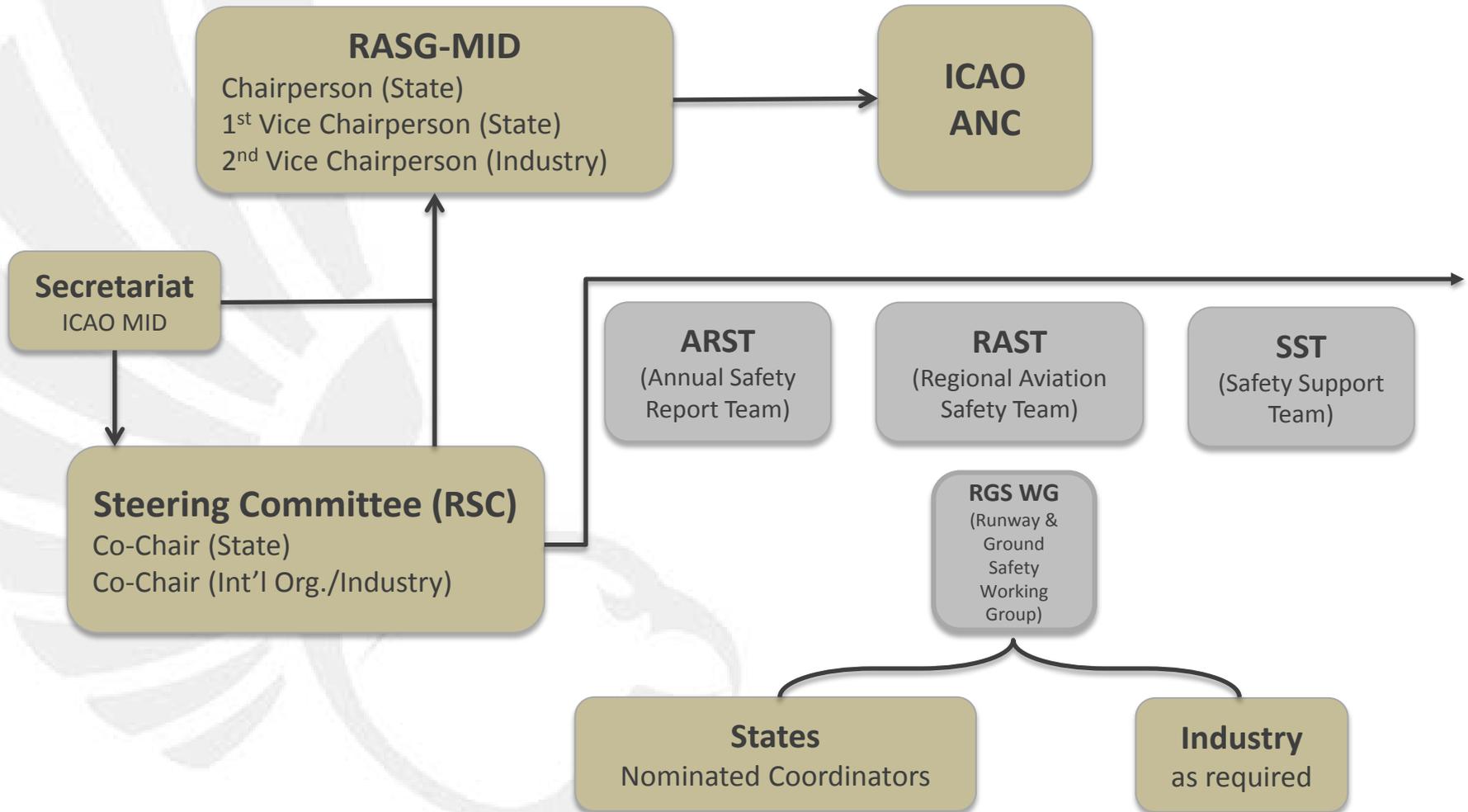
رؤيتنا: منظومة طيران مدني آمنة ورائدة ومستدامة
OUR VISION: A LEADING, SAFE, SECURE AND SUSTAINABLE CIVIL AVIATION SYSTEM



Runway & Ground Safety Working Group



RASG-MID: Working Arrangements



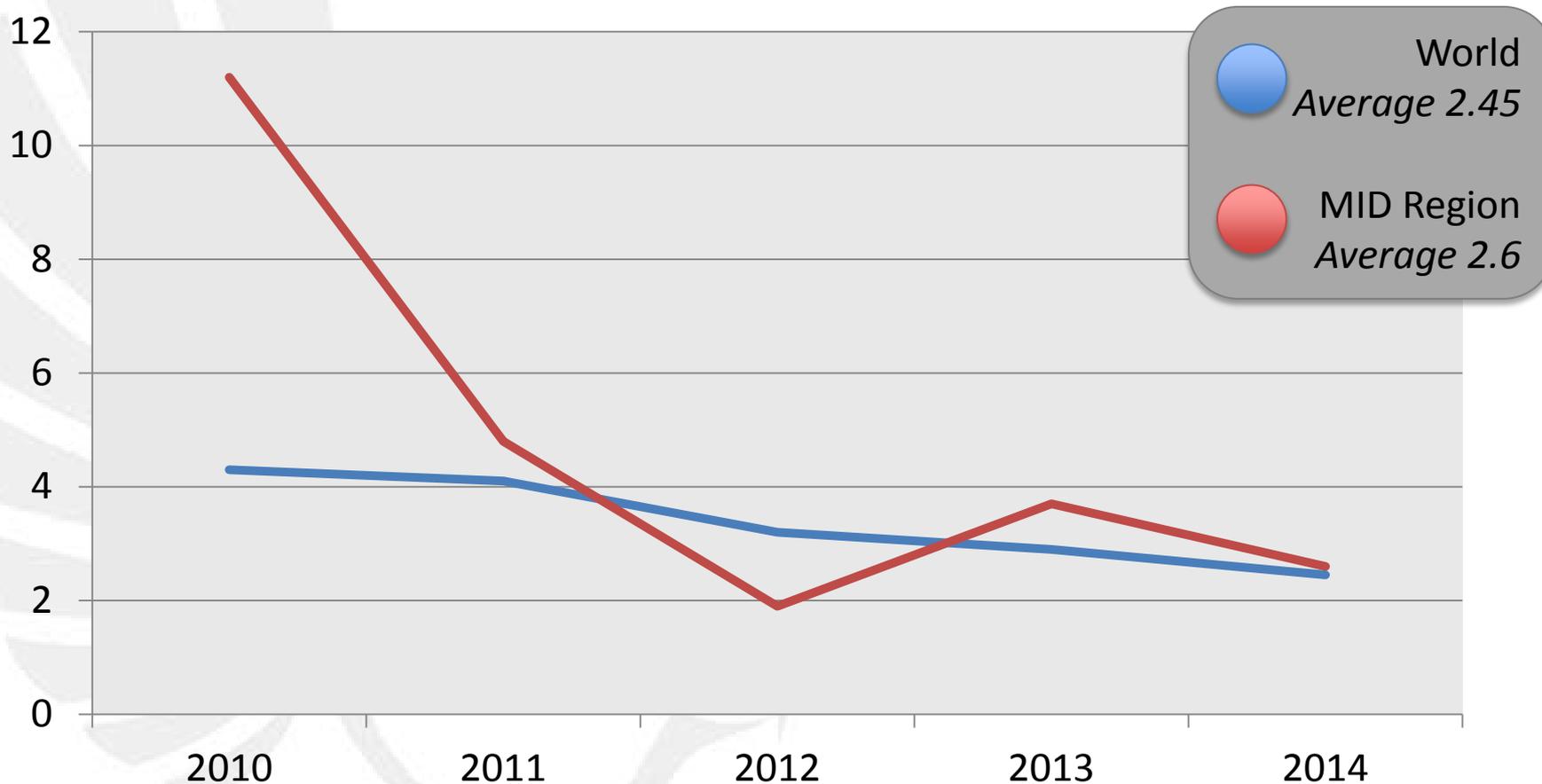


**Safety Enhancement Initiatives
&
Detailed Implementation Plans**



Runway Safety

Accidents per Million Departures - 2014

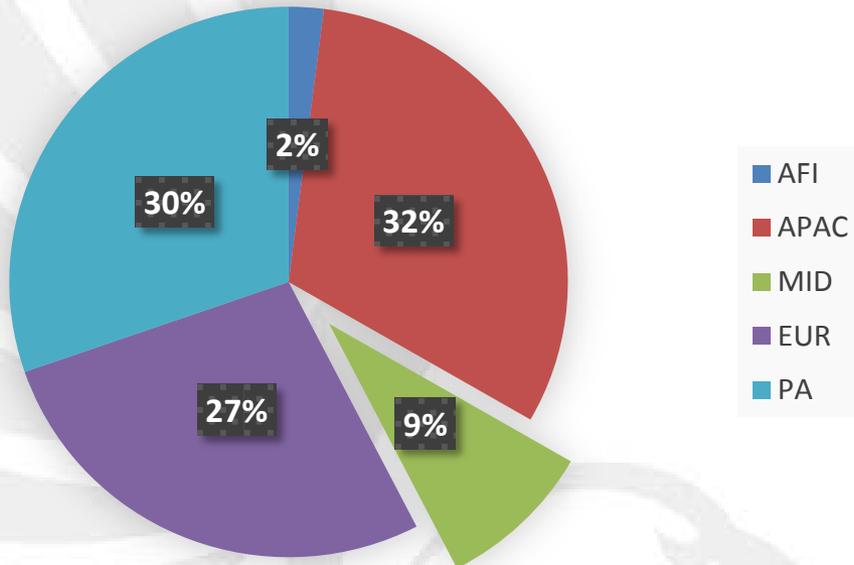


Source: RASG-MID Annual Safety Report – Fourth Edition – DRAFT (2014)
Source: ICAO-iSTARS (<2014)

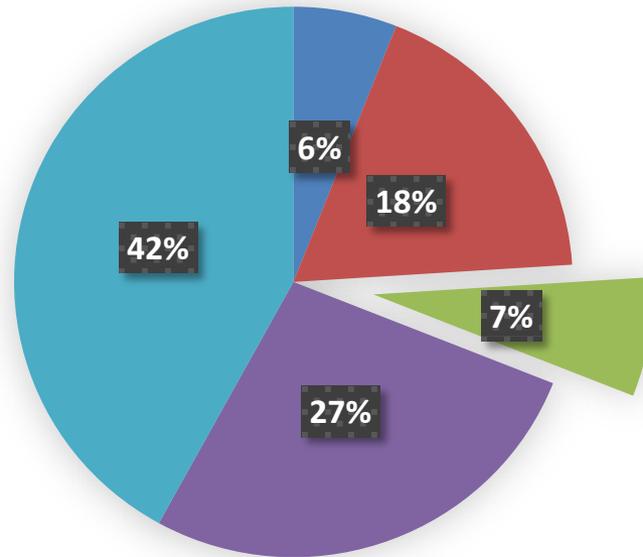


Comparative Accident Statistics

Share of Traffic



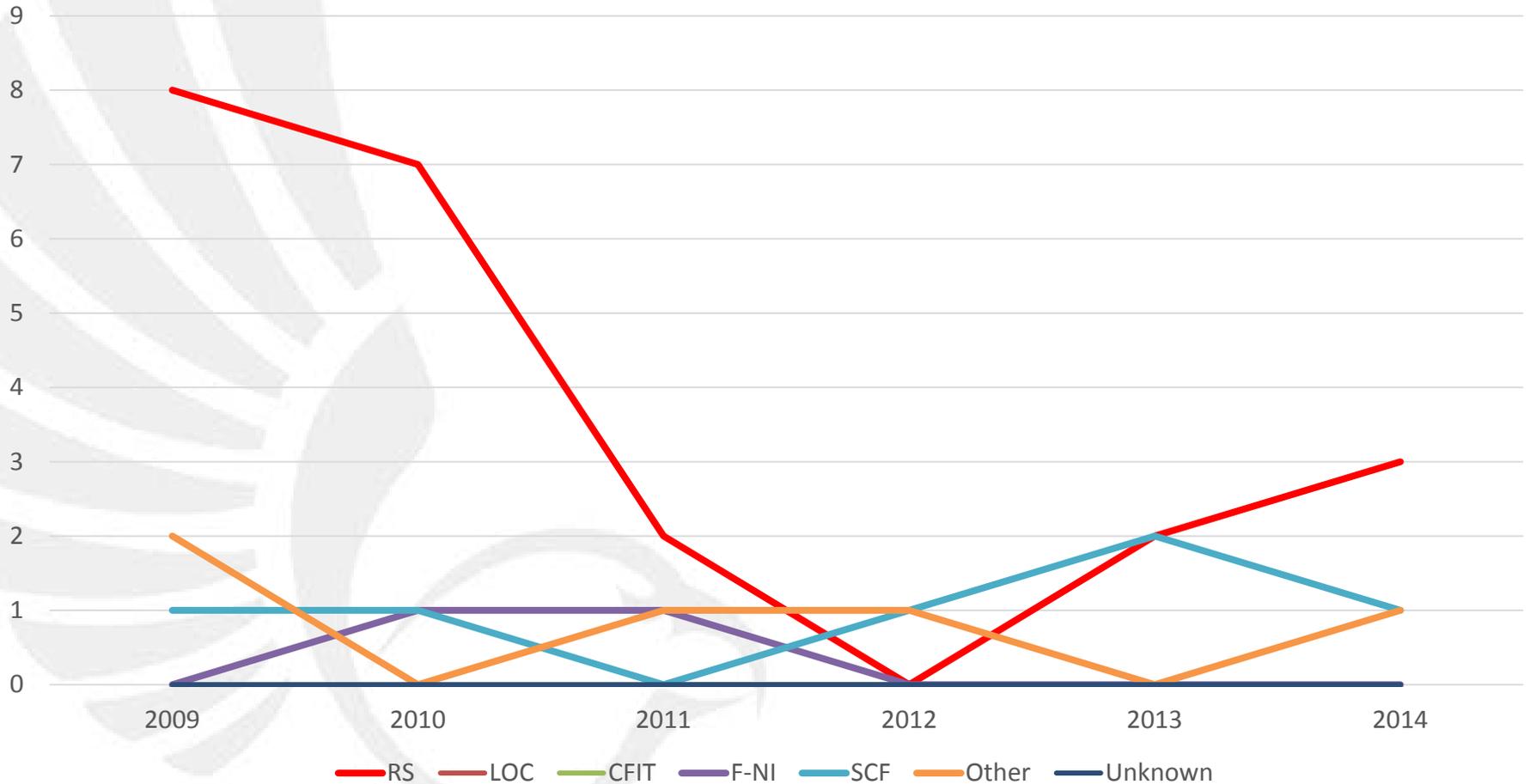
Share of Accidents



Estimate Number of Departures - 2014
World: 33 million
MID Region: 3 million



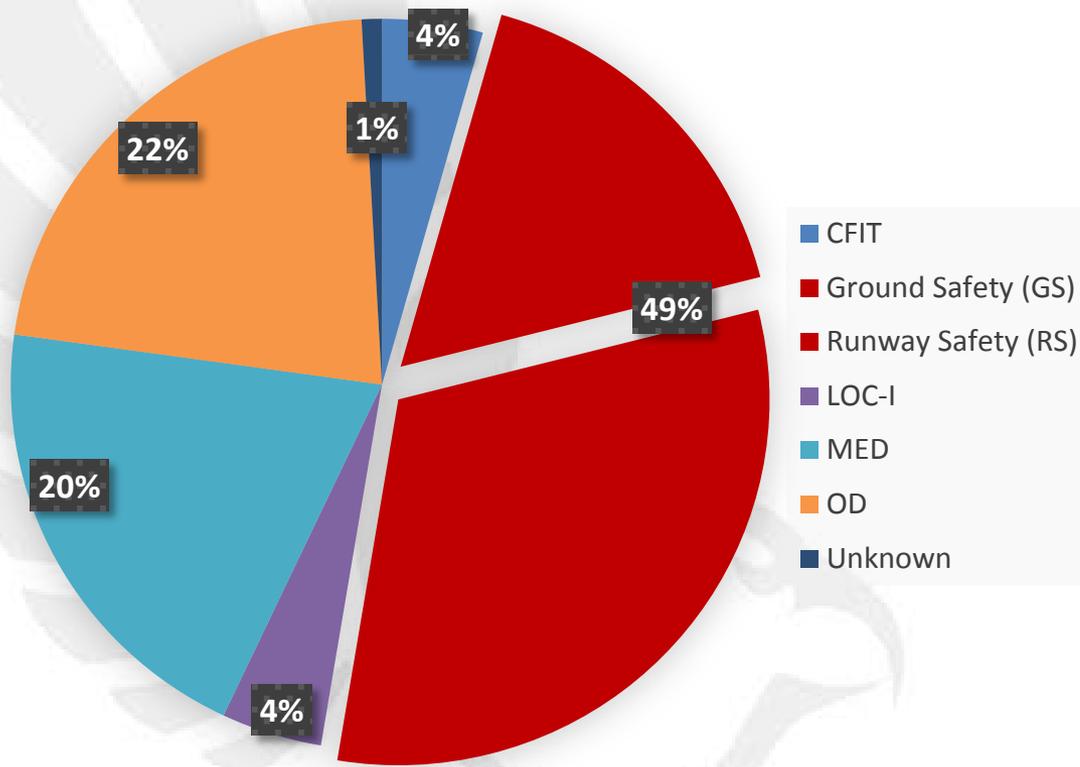
Number of Accidents in the MID Region Categorized by Risk Factor



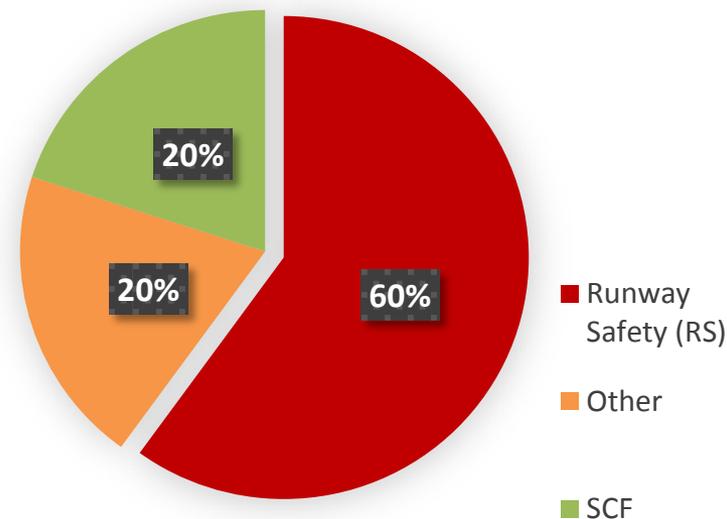


Accidents by Category

World: 2014

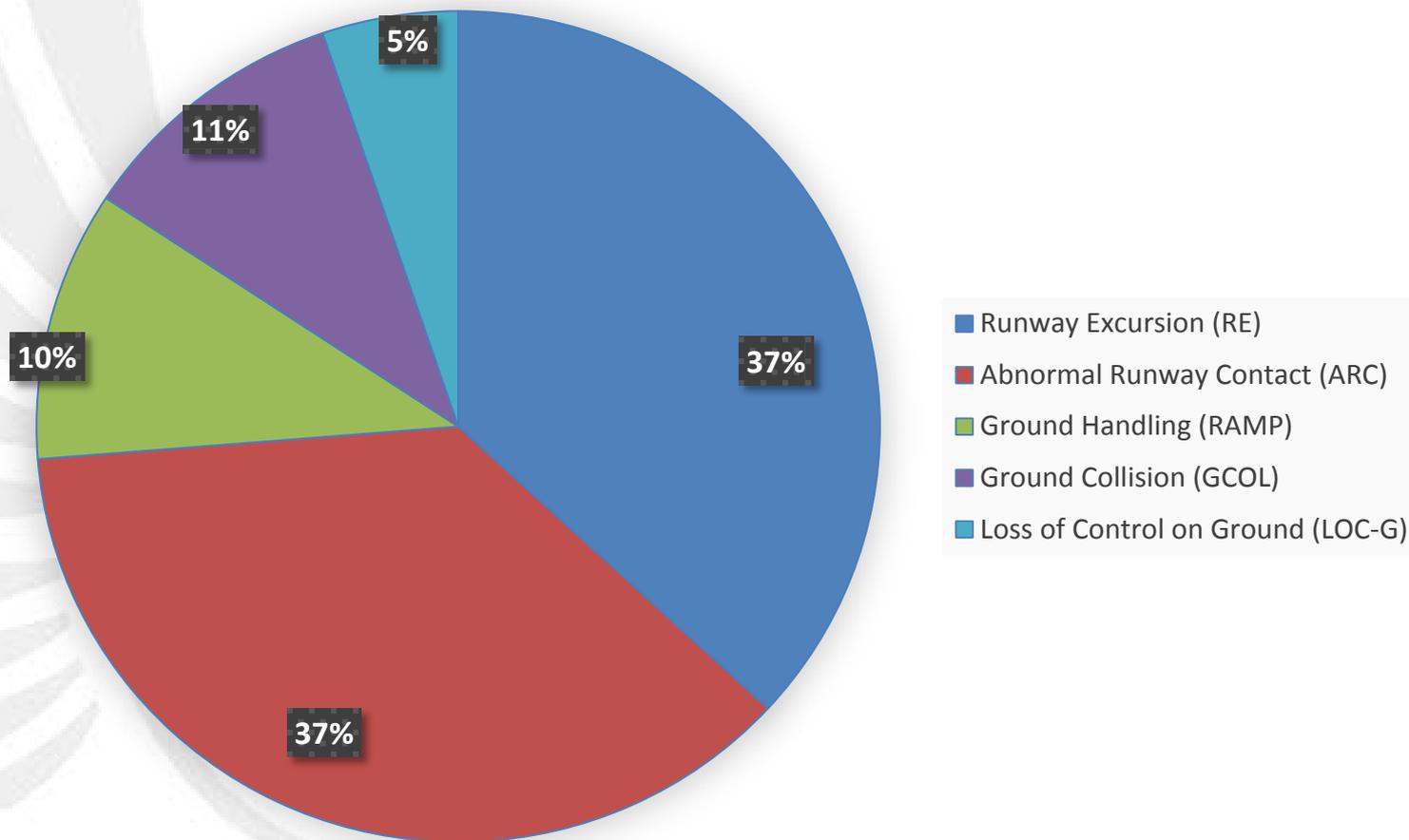


MID Region: 2014





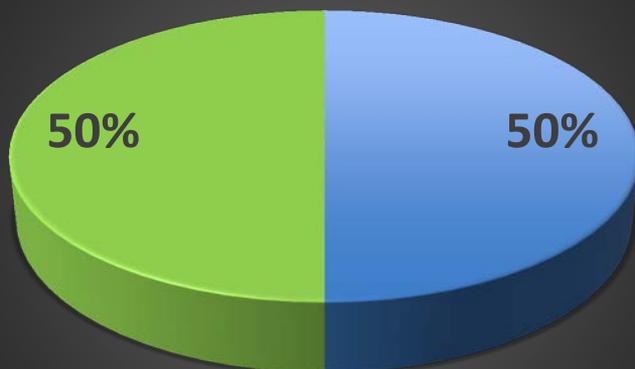
Distribution of MID Runway Safety Events: 2009-2013





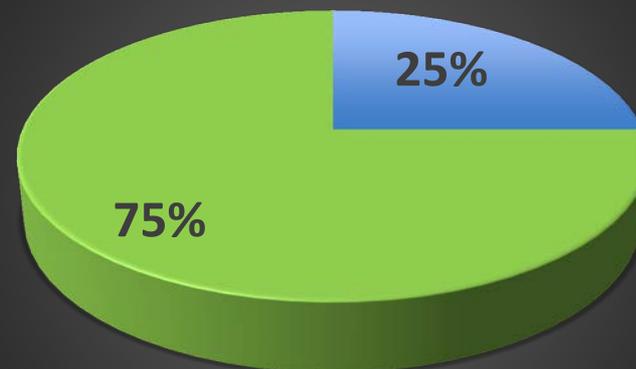
MID Region Aerodrome Certification

Target by 2015



■ Uncertified Aerodromes ■ Certified Aerodromes

Target by 2017



■ Uncertified Aerodromes ■ Certified Aerodromes

Source: RGS WG/1-WP/6

Source: RSC/4 – MID Region Safety Targets



MID Region RGS Safety Indicators and Safety Targets

Where are we now?

Number of Runway Safety related accidents per million departures

	2010-2014	2014
MID	2.68	2.6
World	2.05	2.45

Note: RASG-MID/4 meeting agreed to use average rates for Safety Targets with a moving 5 year target.

Reduce/Maintain the Runway Safety related accidents to be **below the global rate** by end of 2016

Reduce/Maintain the Runway Safety related accidents to be **less than 1 accident** per million departures by end of 2016

2014 MID **2.6** per million departures



Five Initiatives for Runway & Ground Safety

**Local
Runway
Safety
Teams**

**Infra-
structure**

**Safe-
guarding**

Wildlife

Lasers



MID-RAST – RGS – Safety Enhancement Initiative

DEVELOP GUIDANCE MATERIAL & TRAINING PROGRAMS TO SUPPORT CREATION OF ACTION PLANS BY LRSTs

Develop and issue Stop Bar guidance documentation for consideration of LRSTs



November 2014

Organise a Workshop for Regional RST Go-Teams



June 2014

Develop and issue regulatory framework supporting establishment of RSTs



January 2015

Develop and issue a model checklist for LRSTs



March 2015





MID-RAST – RGS – Safety Enhancement Initiative

FOCUS ON MAINTENANCE & INFRASTRUCTURE

Conduct a MID-Regional Runway Safety Seminar and Regional Aerodrome Certification Workshop



June 2014

Develop a MID-Region Aerodrome Certification toolkit for States including Core Items



January 2015

Develop and issue guidance material on periodic surveillance audits of Aerodrome Infrastructure & Maintenance (DRAFT)



April 2015

Develop and issue guidance material on proactive oversight of Aerodrome Infrastructure Development

November 2016





MID-RAST – RGS – Safety Enhancement Initiative

AERODROME SAFEGUARDING

Safeguarding Guidance Toolkit (DRAFT)



April 2016

Regional Safeguarding Workshop

June 2017





MID-RAST – RGS – Safety Enhancement Initiative

WILDLIFE MANAGEMENT CONTROL

RSA for Regulatory Framework & Guidance Materials (DRAFT)



August 2016

Templates on WHMP

September 2016

Regional Wildlife Management Workshop

September 2018





MID-RAST – RGS – Safety Enhancement Initiative

LASER ATTACKS

RSA for Guidance Material (DRAFT)

September 2016

ICAO to issue State Letter to promulgate regulations on Laser Attacks (DRAFT)



September 2015

RSA with Case Studies (DRAFT)



June 2016





Runway and Ground Safety Activities



Runway Safety Go-Teams

Khartoum International Airport - *December 2015*



Kuwait Inte Jordan – September 2016 2016

Doha International Airport - 2017





Aerodrome Operations Course

Sudan - 6 to 10 September 2015



Reporting Systems

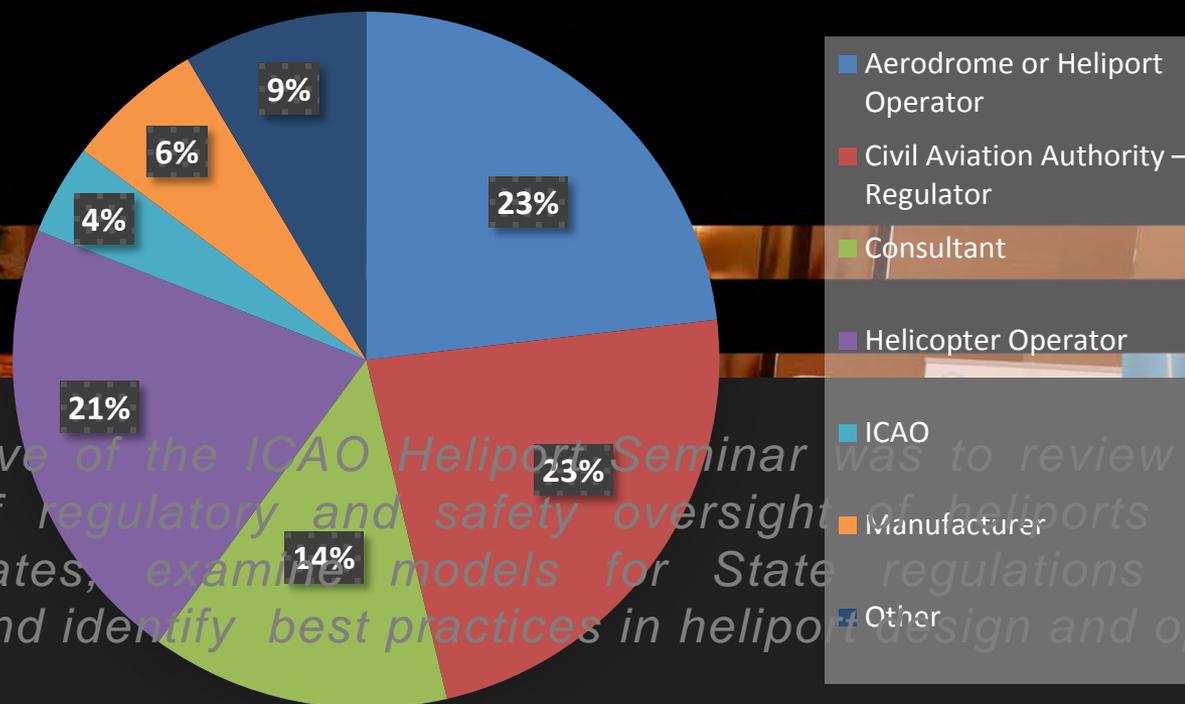
Safety Metrics



ICAO Heliport Seminar

Dubai, UAE - 8 to 10 December 2015

Organisations



The objective of the ICAO Heliport Seminar was to review the current situation of regulatory and safety oversight of heliports in the MID Region States, examine models for State regulations and safety oversight and identify best practices in heliport design and operation.



ICAO Heliport Seminar

Dubai, UAE - 8 to 10 December 2015

Outcomes

MID States to

review regulation related to heliports with particular emphasis on safety management systems

create databases of heliports

form heliport technical committees to examine training standards and related competencies

Seminar outcomes be shared with other ICAO Regional Aviation Safety Groups



**The End
Thank You**