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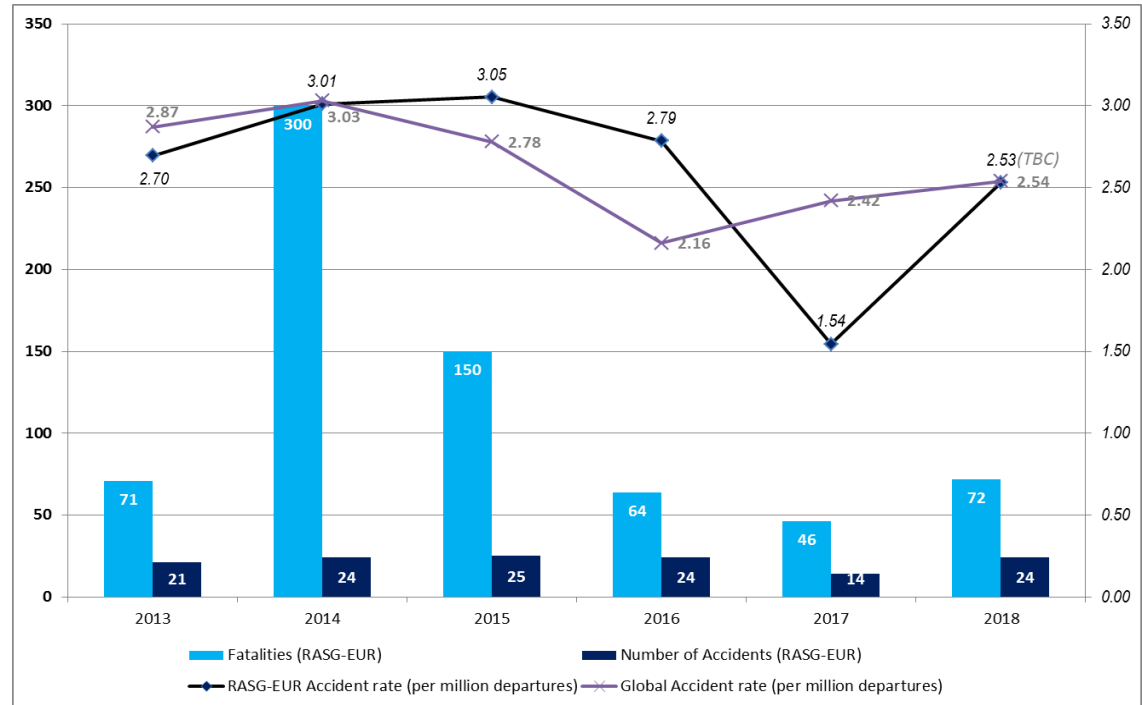
# EUR/NAT Aviation Safety Status and Issues

EURNAT-DGCA/2019  
Paris, 19-20 March 2019



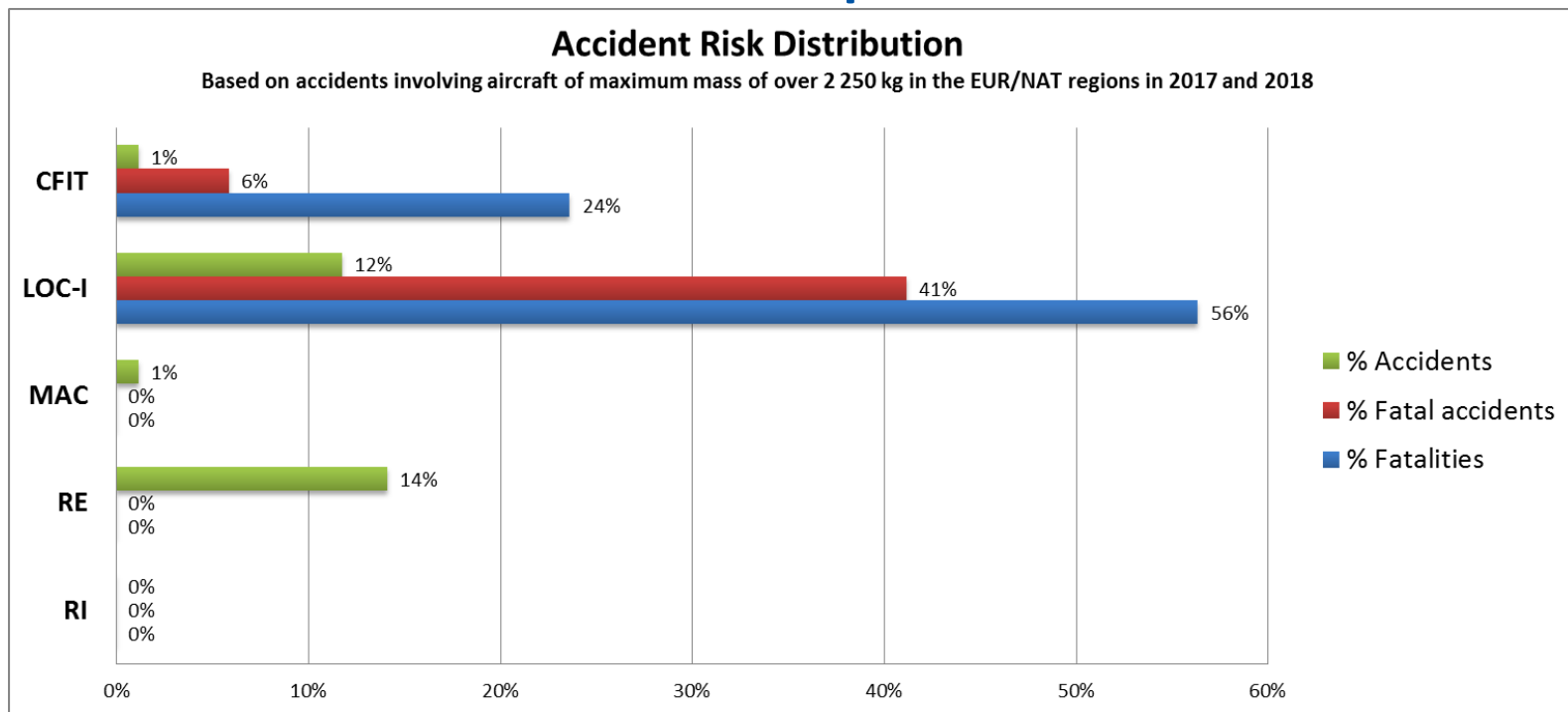
# Status of GASP implementation

- Fatal accidents:
  - 3 in 2017
  - 2 in 2018
- Fatal accident rate per million departures:
  - 0.33 in 2017
  - 0.21 in 2018
- Fatalities per million departures:
  - 5.08 in 2017
  - 7.59 in 2018





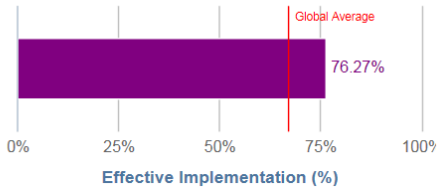
# Status of GASP implementation



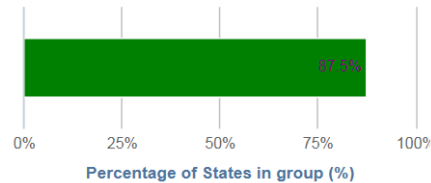


# Status of GASP implementation

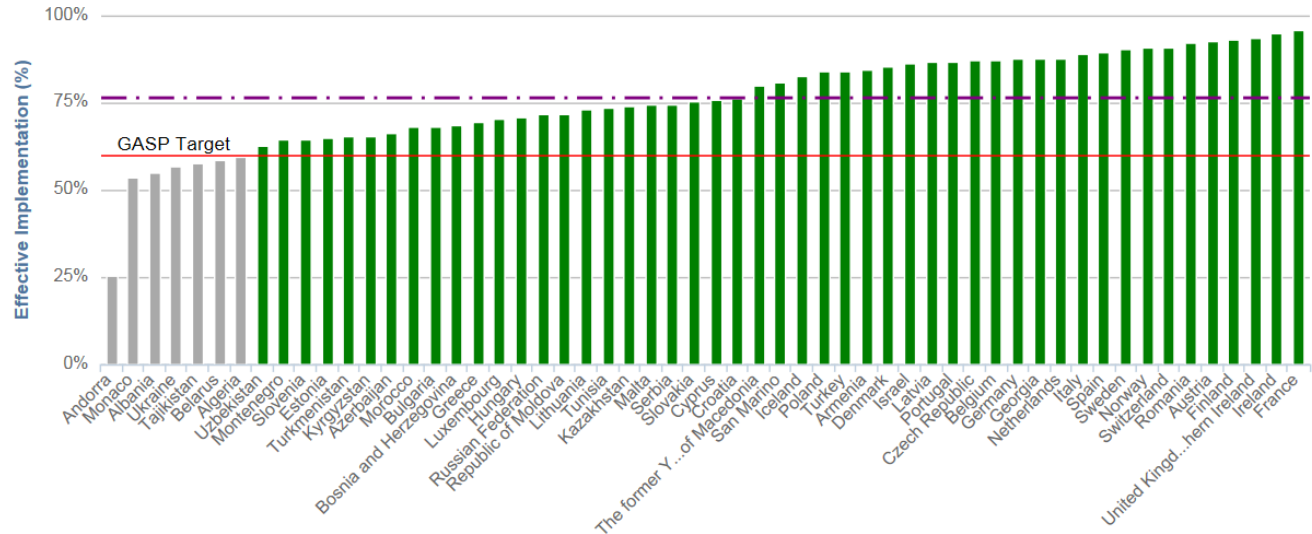
Overall EI



States above 60% EI



USOAP Audit Results

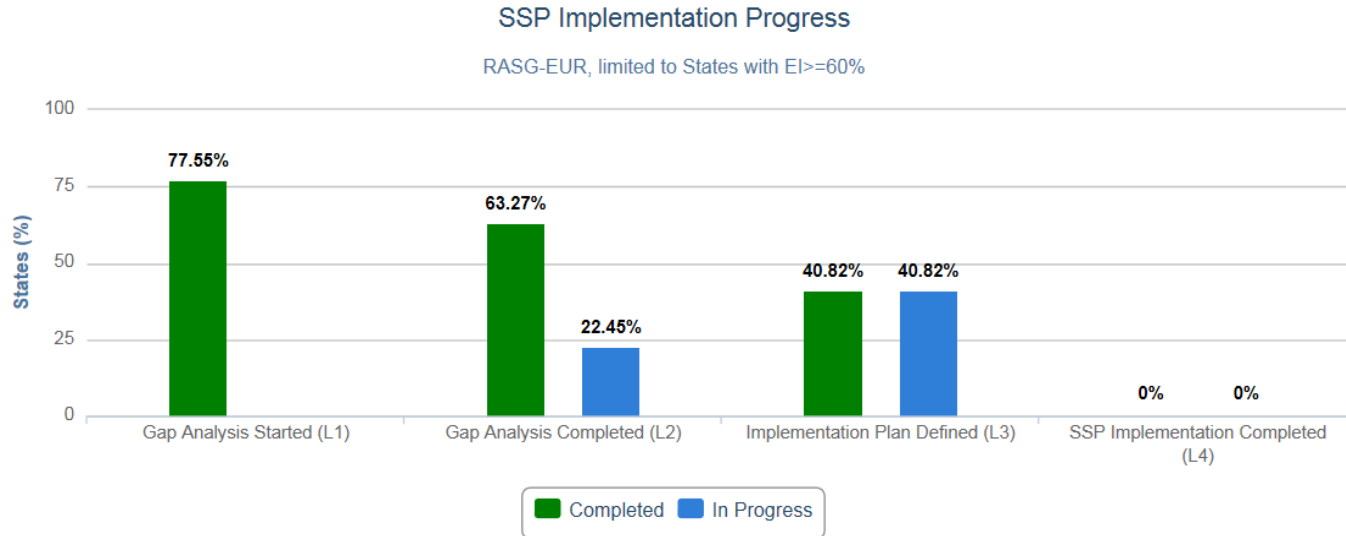


1 SSC (Significant Safety Concern) – Kyrgyzstan (OPS)

\* As per iSTARS 3.0 data taken on 15.01.2019



# Status of GASP implementation



\* As per iSTARS 3.0 data taken on 15.01.2019



# RASG-EUR latest deliverables

- RASG-EUR Safety Advisory 01 on development of Standard Operating Procedures (SOPs)
- RASG-EUR Safety Advisory 02 on Flight Data Analysis Programmes (FDAPs)
- RASG-EUR Safety Advisory 03 on Regulatory Framework on Occurrence Reporting
- RASG-EUR Safety Advisories 04 and 05 on safety oversight in the area of Flight Data Analysis
- RASG-EUR Safety Advisory 06 on measures to improve the effectiveness of enhanced ground proximity warning system (EGPWS) / terrain awareness and warning system (TAWS)



# Annual Safety report and regional safety targets

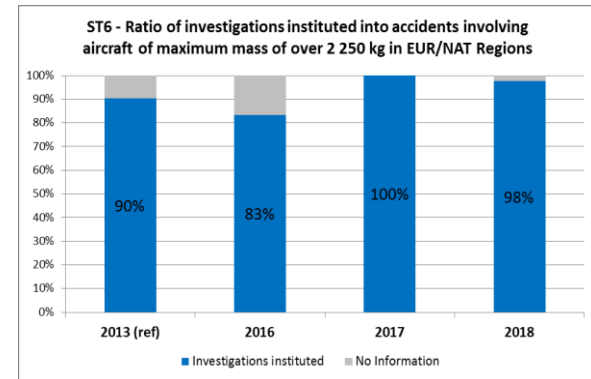
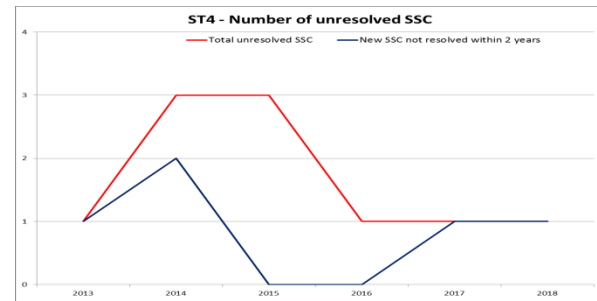
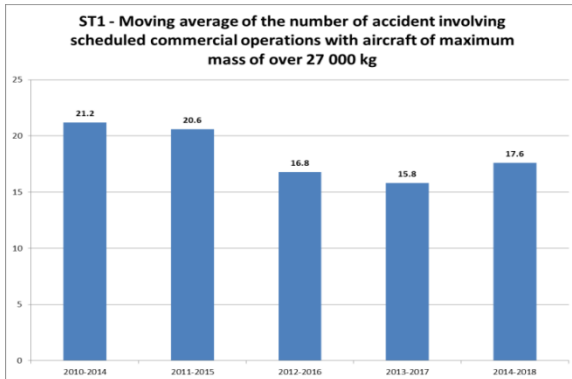
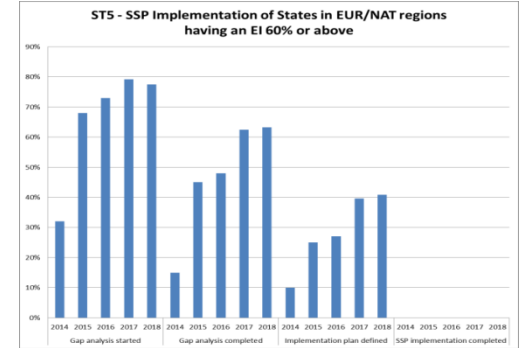
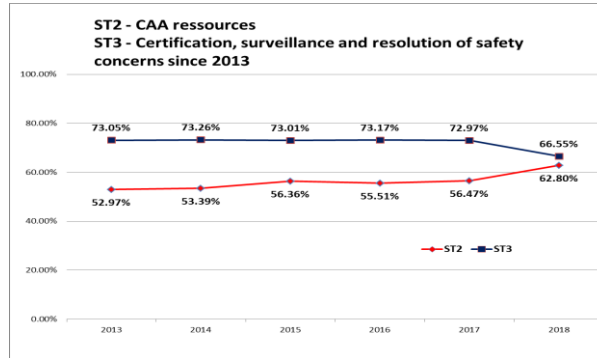
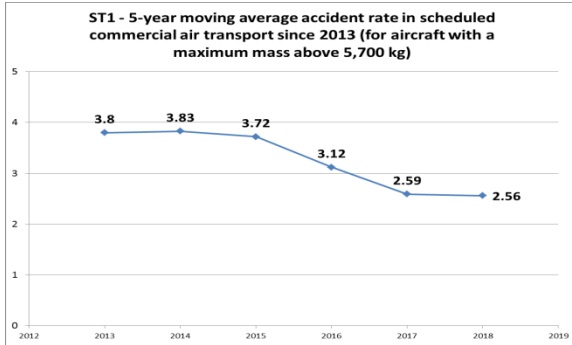


	Value for reference period
ST1 – Accident rate in scheduled commercial air transport	2009-2013 regional average: 3.84 accidents per million departures (for aircraft with maximum mass above 5,700 kg) 2009-2013 moving five-year regional average number of accidents: 25.2 (for aircraft with MTOW above 27000kg)
ST2 – CAA resources	52.97%
ST3 – Certification, surveillance and resolution of safety concerns	CE-6: 81.52% CE-7: 67.23% CE-8: 70.39% Average EI: 73.05%
ST4 – SSC resolution	Unresolved SSC: 0 New SSCs not resolved within 2 years from publications in ICAO: 0
ST5 – SSP implementation	N/A
ST6 – Accident investigations	There were 21 accidents reported to ICAO in 2013 with State of occurrence in EUR/NAT Regions. 19 accidents were found to have investigations launched. For the residual 2, no information was found if the investigation is launched, i.e. the rate was 90.48%





# RASG-EUR safety indicators (2018)







## EUR/NAT NCLB Technical Assistance Programme

### 2018

#### Safety related projects

#### EUR/NAT AZE 16001

- improve the overall EI%
- **USOAP CMA ICVM (2-11 July 2018) : improvement of EI from 43.41% in 2015 to overall EI of 66.33% in 2018**

#### EUR/NAT RWY Safety 16003

- establishment and development of effective local **Runway Safety Teams (RSTs)**

#### EUR/NAT KGZ 16004 Phase 1, 2 & 3 (SSC)

- capacity building for the safety oversight system of **Kyrgyzstan to resolve a SSC**
- **USOAP CMA ICVM scheduled from 8 to 12 April 2019**

#### EUR/NAT 18001 AGA

- support to **23 States** in the EUR Region to build the necessary capacity in the AGA area/aerodrome certification through **dedicated Workshops**
- **3 Aerodromes Certification Workshops held (18 December 2018 – 7 February 2019): 44 AGA Inspectors trained from 12 EUR States**



## 3 phase Technical Assistance Project to resolve an SSC (OPS)

### EUR/NAT KGZ Phase 1

- Build the necessary capacity in order to rectify a SSC.
- ICAO EUR/NAT Regular Budget & SIPs
- July 2017 – ongoing
- 5 missions during 2017-2018
- ICAO ICVM USOAP CMA - April 2019

### EUR/NAT KGZ Phase 2

- Provide On-the-Job Training (OJT) to PEL, OPS and AIR inspectors
- SAFE Fund
- 14 May 2018 – 14 Jul 2018
- 2 missions
- 2 experts – Donor UKR
- 15 inspectors trained
- CAP related to the SSC updated

### EUR/NAT KGZ Phase 3

- Assist the State to enhance its civil aviation oversight system capacity. Address the ICAO USOAP CMA determined non-satisfactory PQs in PEL and OPS areas. Provide On-the-Job Training (OJT) and transfer of knowhow to available and qualified national OPS and PEL inspectors.
- ICAO Regular Budget
- 1 Nov 2018 – 31 Dec 2018
- 14 inspectors trained
- CAP updated in OPS area



## EUR/NAT NCLB Technical Assistance Programme

### 2019

EUR/NAT TAP projects for 2019: 3 new projects

#### EUR/NAT UZB 19001

- Review and amend the CAP based on the ICAO USOAP audit report.
- Coordinate all available resources for capacity building activities.
- Implementation of high priority actions from the audit report
- Achieve EI above 74,91%

#### EUR/NAT UKR 19002

- Review and amend the CAP based on the ICAO USOAP audit report.
- Coordinate all available resources for capacity building activities.
- Implementation of high priority actions from the audit report
- Achieve EI above 60% by 2020 and 74,91% by 2021

#### EUR/NAT TJK 17001

- Update and implementation of the Corrective Action Plan (CAP)
- Strengthening of safety oversight capabilities of Tajikistan CAA through provision of theoretical and on-the-job training
- Achieve effective implementation (EI) above the global average



## ICAO EUR/NAT operating plans for 2020-2022 Aviation Safety – 4 key activities.

Aligned with GASP & ICAO 2020-2022 Business Plan and Regional priorities

Support the States in the implementation of safety management responsibilities

- 1) SSP and SMS implementation;
- 2) Strengthening safety oversight capabilities
- 3) Improving mechanisms for serious incidents and accidents investigation

Develop, and measure progress against regional Safety priorities through Regional Plans and RASGs

- 1) Timely completion of EUR and NAT annual safety reports;
- 2) Number of EUR/NAT States engaged in annual reporting on implementation of EUR RASP and Safety Enhancement Initiatives (SEIs)



## ICAO EUR/NAT operating plans for 2020-2022 Aviation Safety – 4 key activities.

Aligned with GASP & ICAO 2020-2022 Business Plan and Regional priorities

Support the USOAP-CMA at the regional level and assist States in developing tailored plans of action to address risk

- 1) Support and progress monitoring of Corrective Action Plans
- 2) Accident investigation and ECCAIRS-user workshop / Guidance on USOAP CMA in the area of AIG

Support States in addressing operational and emerging risks

- 1) Assist States in the implementation of policies and provisions to improve in-flight safety performance
- 2) Improve safety performance at and in the vicinity of aerodromes



## Decision

EUR-NAT DGCA/2019 is invited to note the information presented and:

- support the key EUR/NAT aviation safety actions in 2020-2022;
- commit to supporting implementation of the EUR RASP and Regional Office work programme;
- support other States in the Region in implementation of EUR RASP; and
- support the establishment of the regional monitoring and reporting mechanism on EUR RASP implementation.



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Dakar

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North Atlantic  
(EUR/NAT) Office  
Paris

Middle East  
(MID) Office  
Cairo

Eastern and  
Southern African  
(ESAF) Office  
Nairobi

Asia and Pacific  
(APAC) Sub-office  
Beijing

Asia and Pacific  
(APAC) Office  
Bangkok



THANK YOU