

# CANSO GLOBAL SAFETY CONFERENCE 2025

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GAPPRI: GLOBAL ACTION PLAN FOR THE PREVENTION OF RUNWAY INCURSIONS

## **SPEAKER**



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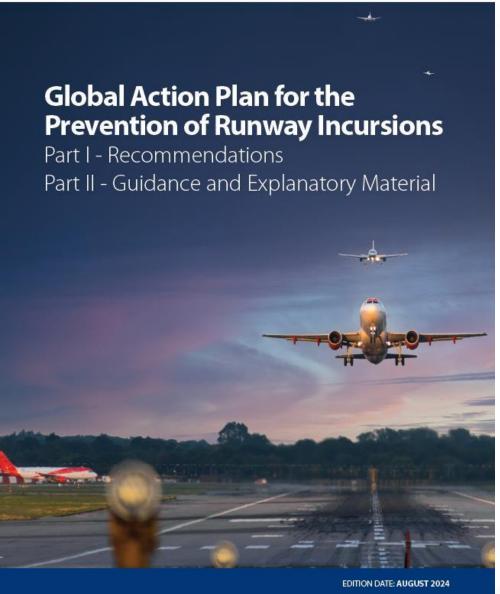












## GLOBAL ACTION PLAN FOR THE PREVENTION OF RUNWAY INCURSIONS (GAPPRI)

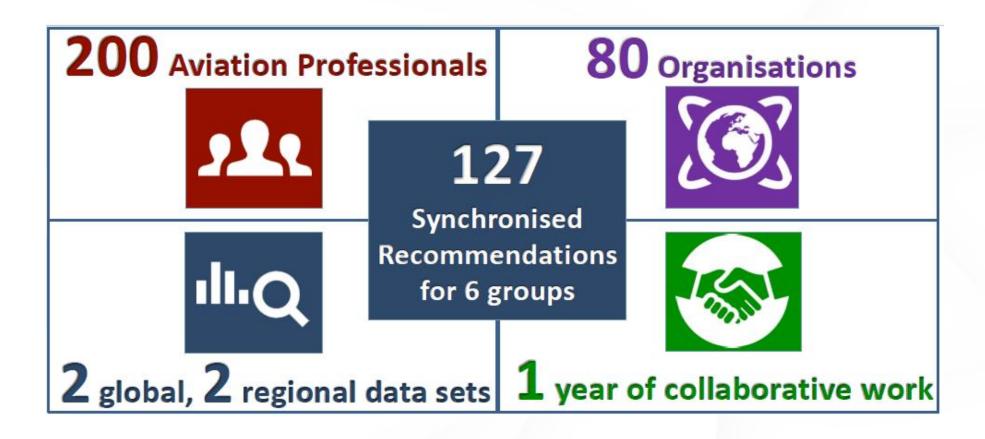
#### **Today's presentation**

- Background of development of GAPPRI
- Overview of recommendations applicable to ANSPs
- Making use of GAPPRI
- Questions



### **GAPPRI BACKGROUND**

Multifaceted group of stakeholders and subject matter experts





## **GAPPRI BACKGROUND**

127 Recommendations across six groups
33 focused on ANSPs





## **GAPPRI BACKGROUND**

#### **GAPPRI Volume I**

- Published in December 2023.
- A set of **synchronised**, **consensus-based** recommendations.
- Best practices and interventions beyond simple regulatory compliance.
- Addressing both the risk and the resilience.
- A robust roadmap for different time horizons.
- It drew on existing recommendations and best practices
- Utilised both regional and global datasets

#### **GAPPRI Volume II**

- Published in August 2024
- Guidance and Explanatory Materials (GEMs)
- Gives practical information on how to implement best practices and interventions
- Provides resources and additional information.





## GAPPRI ANSP RECOMMENDATIONS

#### **ANSP Categories**

[ANSP 1-9] - Safety management and support for runway safety teams

[ANSP 10-16] - Safe runway operations communications

[ANSP 17] - Aeronautical information

[ANSP 18-26] - Supporting pilot workload and pressures management

[ANSP 27-31] - Enhanced procedures for safe runway operations

[ANSP 32-33] - Enhanced technology for safe runway operations



## **EXAMPLE RECOMMENDATIONS**

#### ANSP 4

Ensure that information is provided to, and requested from, all participating parties in an incident, so that a complete picture of causal and contributory factors can be built, lessons learned and actions taken.

#### ANSP 5

Share at local, national and international level the lessons learned and salient safety information from occurrence investigation reports and runway safety analyses.

#### ANSP 7

Periodically (initially and upon change) review runway capacity—enhancing procedures when used either individually or in combination (intersection departures, multiple lineups, conditional clearances etc.) to identify any potential hazards and, if necessary, develop appropriate mitigation strategies.



## **EXAMPLE RECOMMENDATIONS**

#### **ANSP 11**

Periodically evaluate radio telephony practices, assessing elements such as frequency loading and use of ICAO-compliant phraseology. Promote wherever practical ATC teamwork in crosschecking communication messages and read backs.

#### Aircraft Operator (AO) 6

Aircraft operators should, through their initial and recurrent training programmes, ensure pilots use standard RT phraseology, in the English language, and are aware of the runway incursion risks of nonstandard RT procedures.

Flight crews should be trained to recognise and increase own vigilance when local ATC procedures are nonstandard, when ATCOs speak too quickly or when frequencies are congested.



## **HOW TO MAKE USE OF GAPPRI**

#### **Perform a Gap Analysis**

- With the release of GAPPRI volumes I & II now is the perfect time to conduct a Gap Analysis of the recommendations to your operations.
- First engage with the other relevant stakeholders at your airports. Don't try to do things alone!
- Encourage each organisation to conduct their own gap analysis
- Then re-group to discuss findings.
- If your airport has a runway safety team then this forum could be suitable to discuss the outputs.

Stakeholder engagement



Individual Gap Analysis



Combined Gap Analysis







## CANSO/ACI RUNWAY SAFETY CHECKLIST

#### Making use of the RSC

- The CANSO runway safety checklist (RSC) was created to be a tool for ANSPs and airports to review their runway safety.
- It covers wider aspects in runway safety than just runway incursions
- The format is a set of questions that can ideally be used as part of collaborative engagement between stakeholders at a specific airport (e.g. Local Runway Safety Team).

## **ACKNOWLEDGEMENTS & QUESTIONS**

















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## THANK YOU