

## 58th Conference of Directors General of Civil Aviation **Asia and Pacific Region** Dhaka, Bangladesh 15-19 October 2023

# Safety and Air Navigation Perspectives

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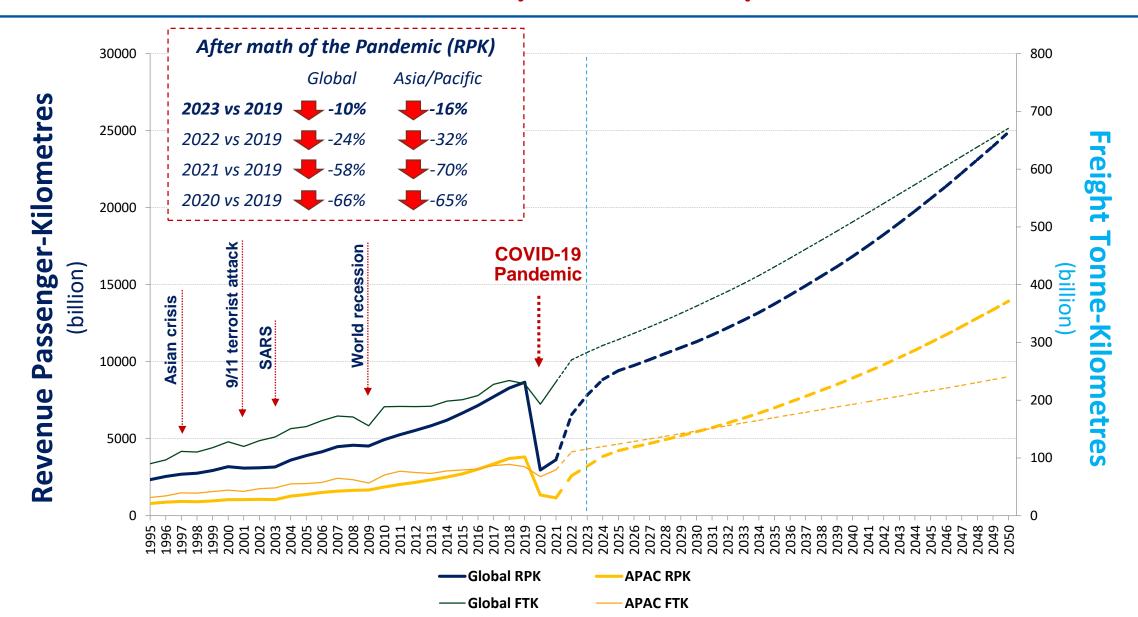


# TRAFFIC OVERVIEW





# Global traffic: A recovery from the pandemic shock 4

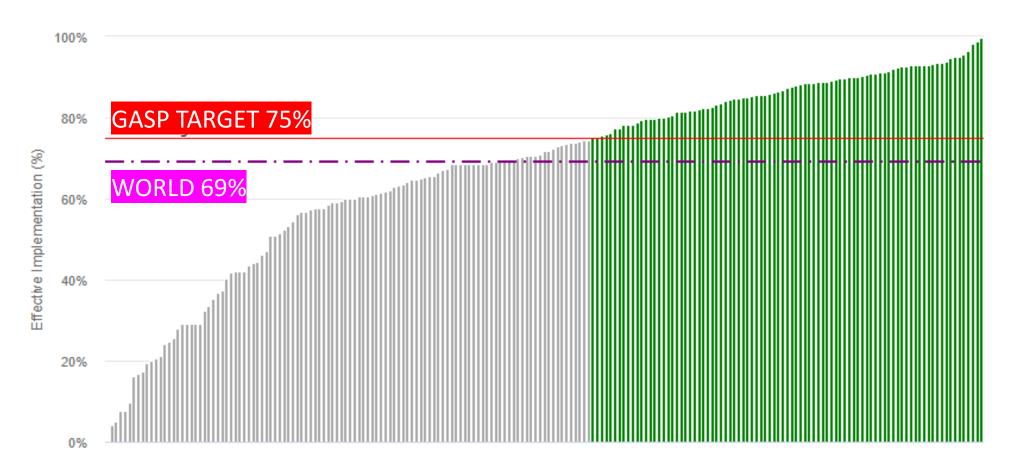


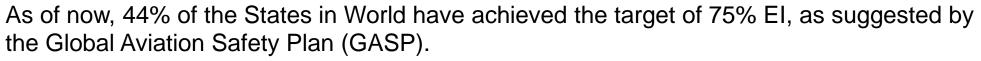
# **AVIATION SAFETY**





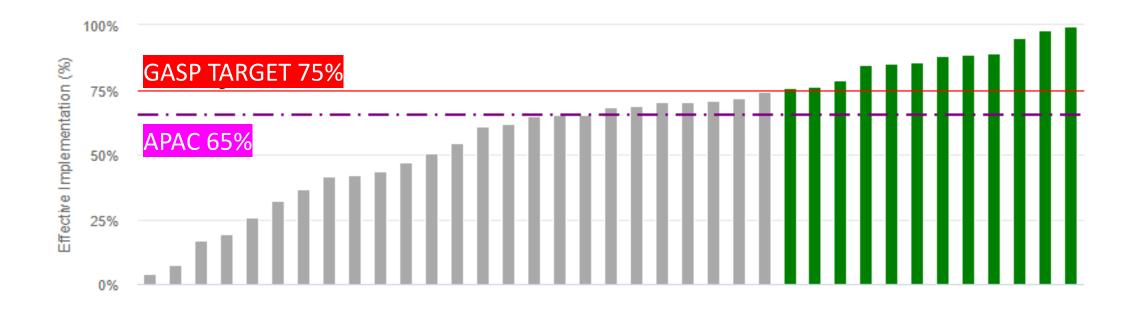
#### GASP TARGET OF 75% BY 2024 OVERVIEW for WORLD







#### GASP TARGET OF 75% BY 2024 OVERVIEW for APAC





As of now, 31% of the States in APAC have achieved the target of 75% EI, as suggested by the Global Aviation Safety Plan (GASP).



In 2022, APAC had an accident rate of **1.61** accidents per million departures and is trending down. The 5-year sliding average of the region is also trending down

## Overview of Targets for 2023-2025

	Target	Date of Completion	<b>Description</b>
	T1.1	Decreasing trend	Maintain a decreasing trend of global accident rate
	T2.1	2024/2026/2030	75% , 85% and 95% EI score of CEs
	T3.1	2023	All States to implement foundation of SSP
	T3.2	2024	All States to publish NASP
	T3.3	2025/2028	All States to work towards effective SSP (present; present & effective)
	T4.1	2023	States seek assistance
	T4.2	2023	All Regions to publish RASP
	T4.3	2025	All States to contribute information to RASGs
	T5.1	Increasing trend	Industry's contribution in safety info sharing networks
	T6.1	2025	States with AN and aerodrome infrastructure that meets ICAO standards





# **AIR NAVIGATION**





# Driving AN Performance Improvements

- There are operational improvements that can benefit the environment but are not being implemented
- These, mainly ATM procedures, are available today.
- In your region you have established an ATM master plan which is highly commendable and an example for your peers in the other region to follow.
- When it comes to climate change, just as with safety, we must never stop asking what else we can do.



## Global Air Navigation Plan

#### **Eight Edition**

#### Performance Framework

- ☐ Environment
- ☐ Resilience
- ☐ Performance Assessment of the Aviation System Block Upgrades framework
- ☐ Integrate new concepts(Unmanned Traffic Management, High Altitude Operations, Artificial Intelligence/Machine Learning, New flight rules)

#### Develop credible benefit driven approach

- ☐ How to package improvements?
- ☐ How to assess investments against monetized benefits?
- Operational incentives for Aviation System Block Upgrade elements
- ☐ Identify Quick Wins







There are new solutions coming on line next year. Many of you will have seen these work through the amendment process.

ICAO experts provide a broad set of solutions because the system is complex and there is no one-size-fits-all.

Each of you have a unique aviation sector.

Your paths towards Net Zero with Zero Accidents will, and should, be different.

So we provide you with the tools to make the right selections

ICAC

Integrate Safety and Trend Analysis and Reporting System (iSTARS 4.0)





iSTARS 4.0







https://istars.icao.int





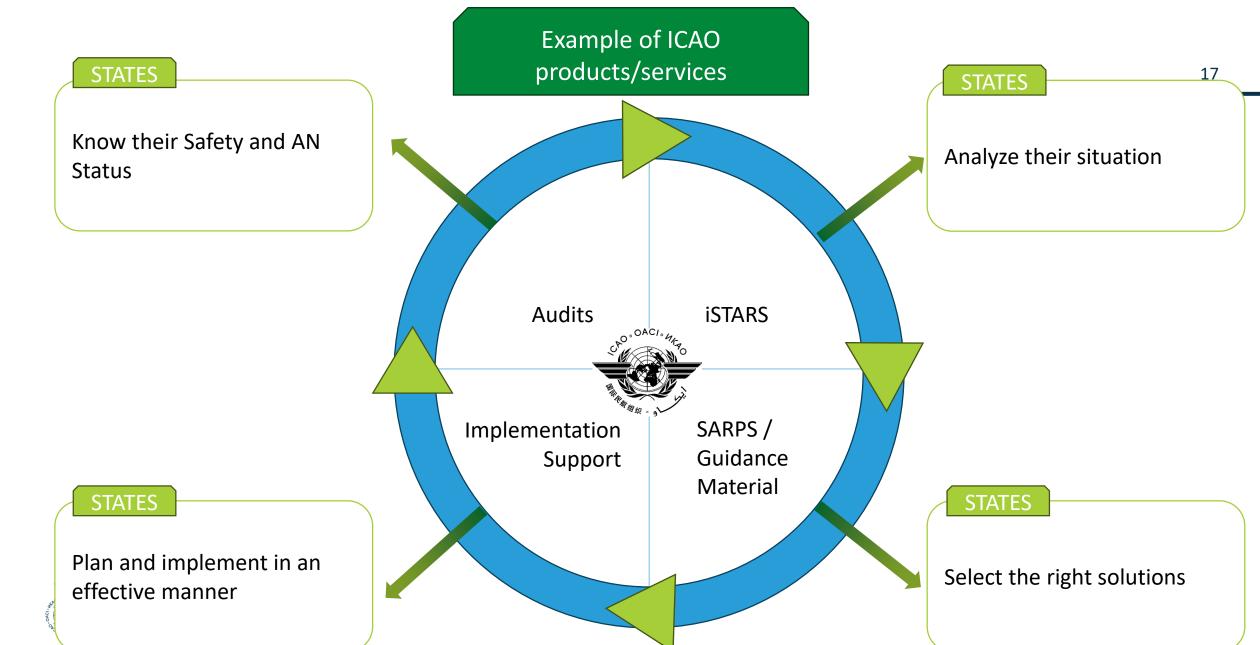
## The iSTARS 4.0 Structure

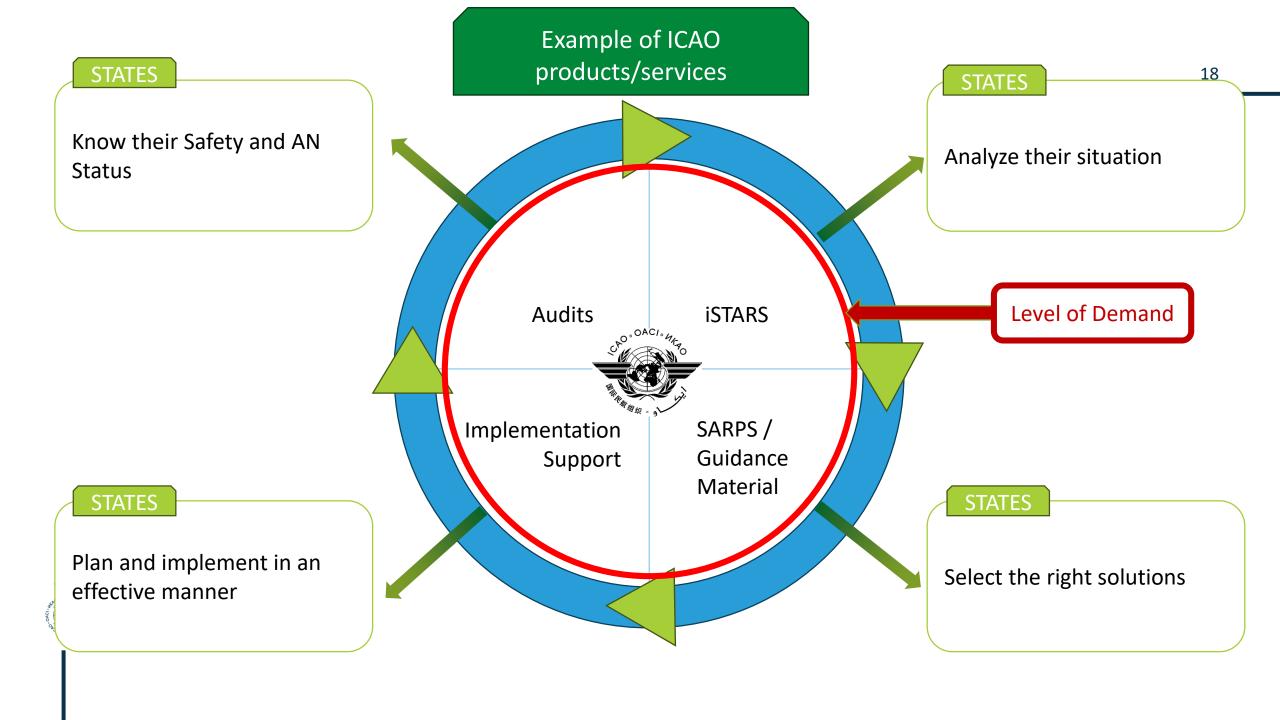
- O HQ
- O RO SAM
- **RO NACC**
- O RO ESAF

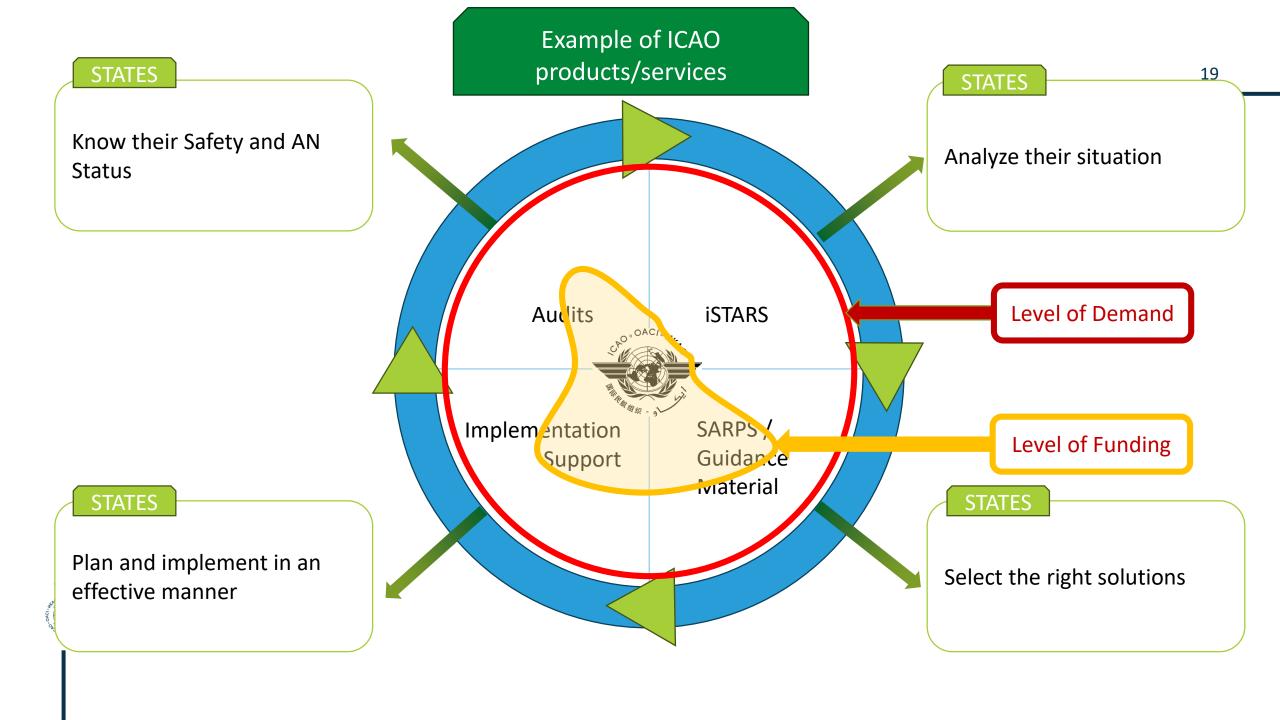


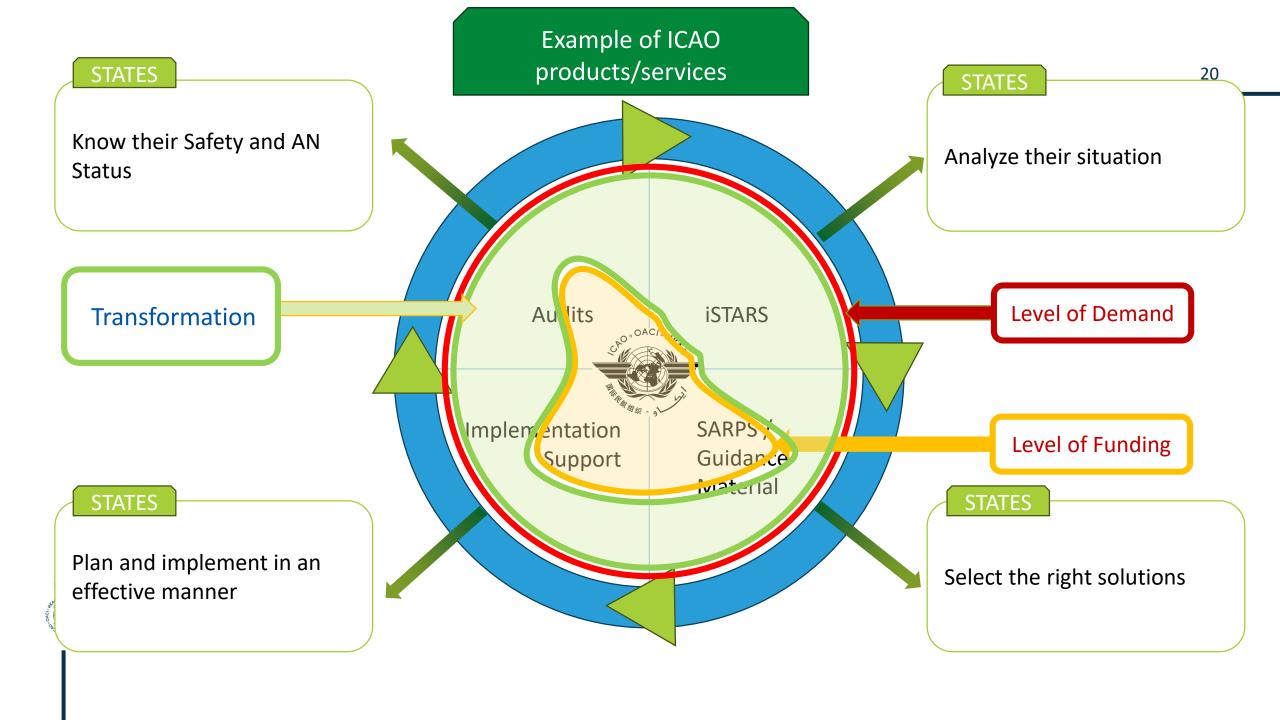












#### **Transformation**



PEOPLE & CULTURE TRANSFORMATION

DIGITAL TRANSFORMATION OPERATIONAL TRANSFORMATION









# **TO3** Digitalization









## **TO3** Digitalization







## **Work Smarter**

Direct Submission

**Decision Gates** 

Transparency to work of expert groups



## Transformation

## **TO3** Digitalization

DIGITAL TRANSFORMATION



SARP/DM S **Work Smarter** 

Direct Submission

**Decision Gates** 

Transparency to work of expert groups

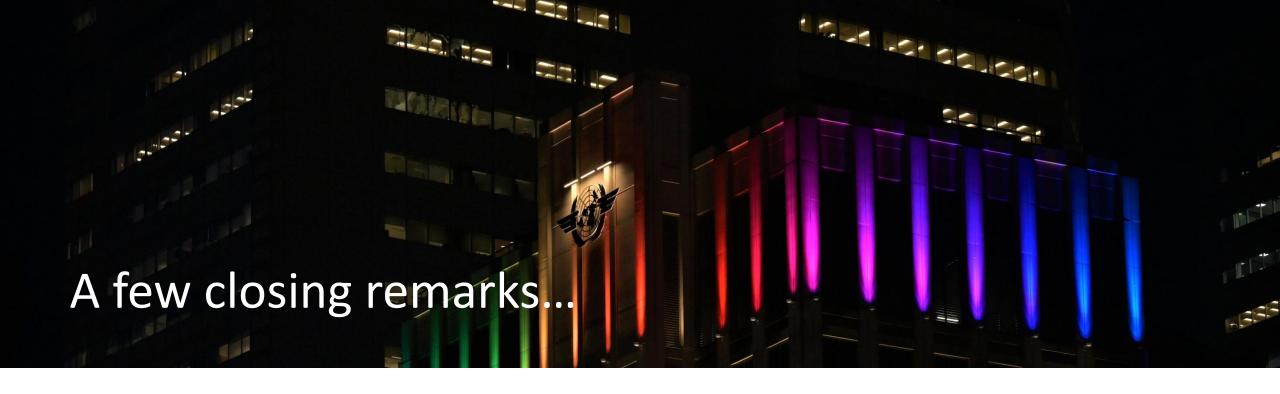
**Achieve More** 

More solutions

Timely uptake of innovations

Increased preparedness for new SARPS





- Increase your vigilance
- Look at what more you can do for net zero

