



**INTERNATIONAL
CIVIL AVIATION
ORGANIZATION**



Introduction to ICAO Global and Regional Plans related to ANS

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Regional Officer, ANS (CNS) Implementation

Agenda

01

Introduction

Brief introduction to ICAO APAC Office

02

Working Methodology

A summary of working structure

03

Global & Regional Strategic Documents- enablers for ANS policy

04

Implementation of ANS Policy

How we support APAC States/Administrations?

05

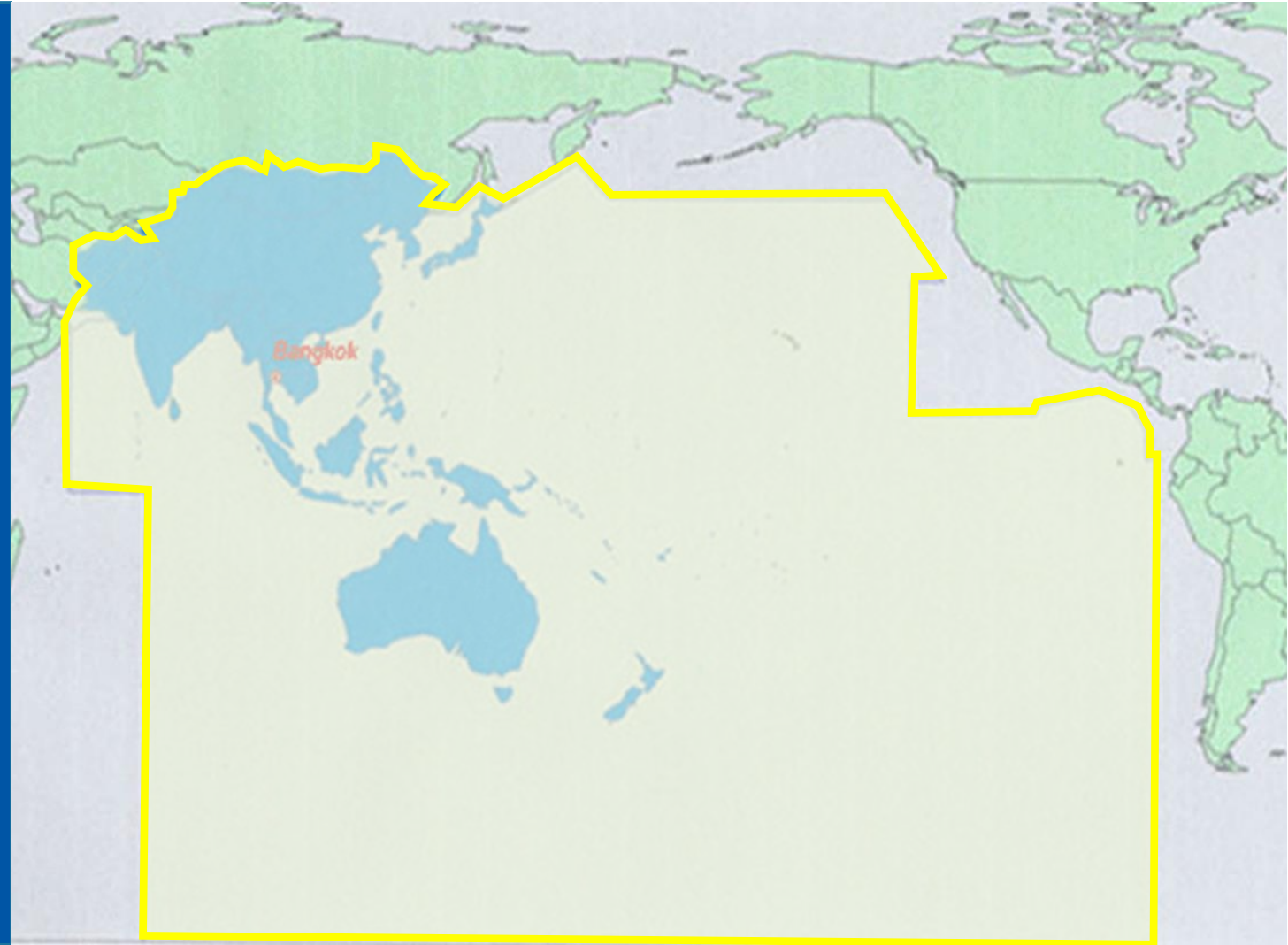
Conclusion



01-INTRODUCTION

01

Introduction to ICAO Offices in Asia Pacific Region





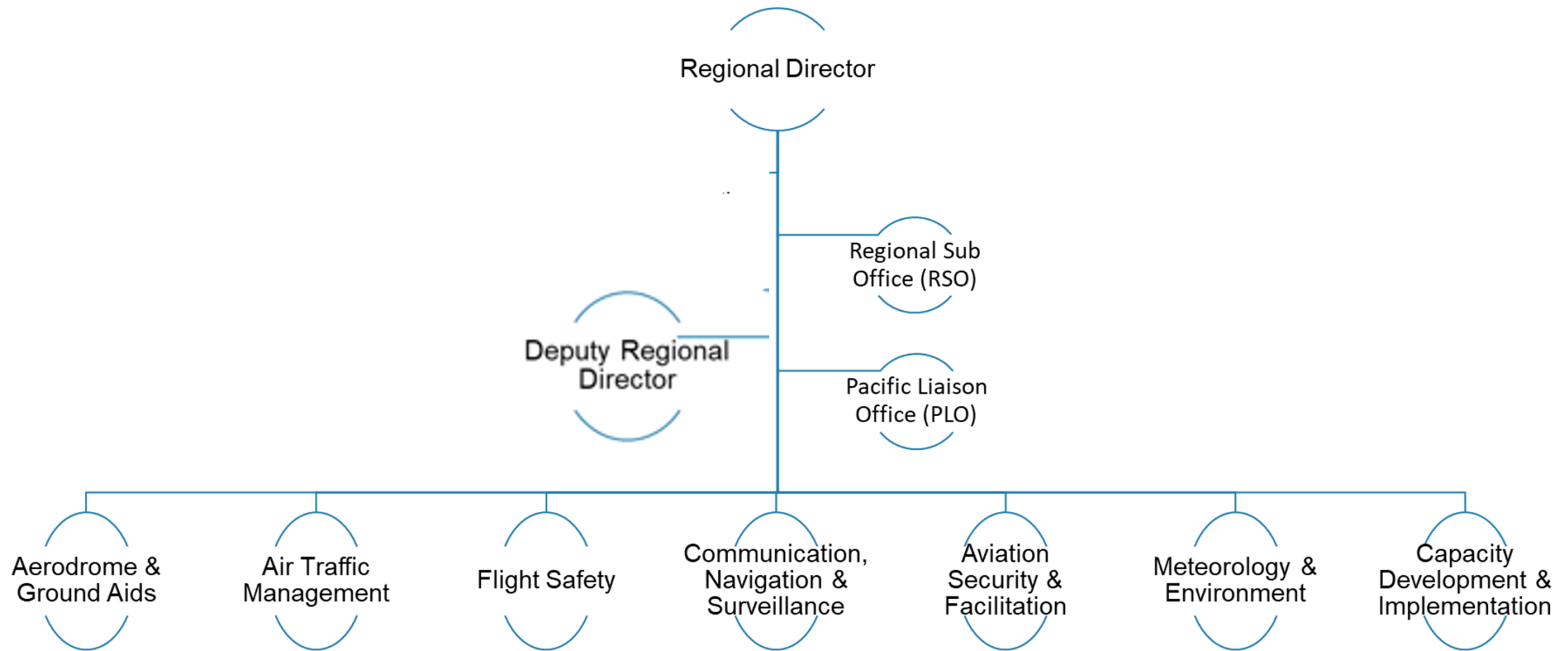
Melbourne, AUS
1948

Bangkok, THA
1989

Beijing, China
2013

Nadi, Fiji
2024

ICAO Asia/Pacific Office



02- WORKING METHODOLOGY

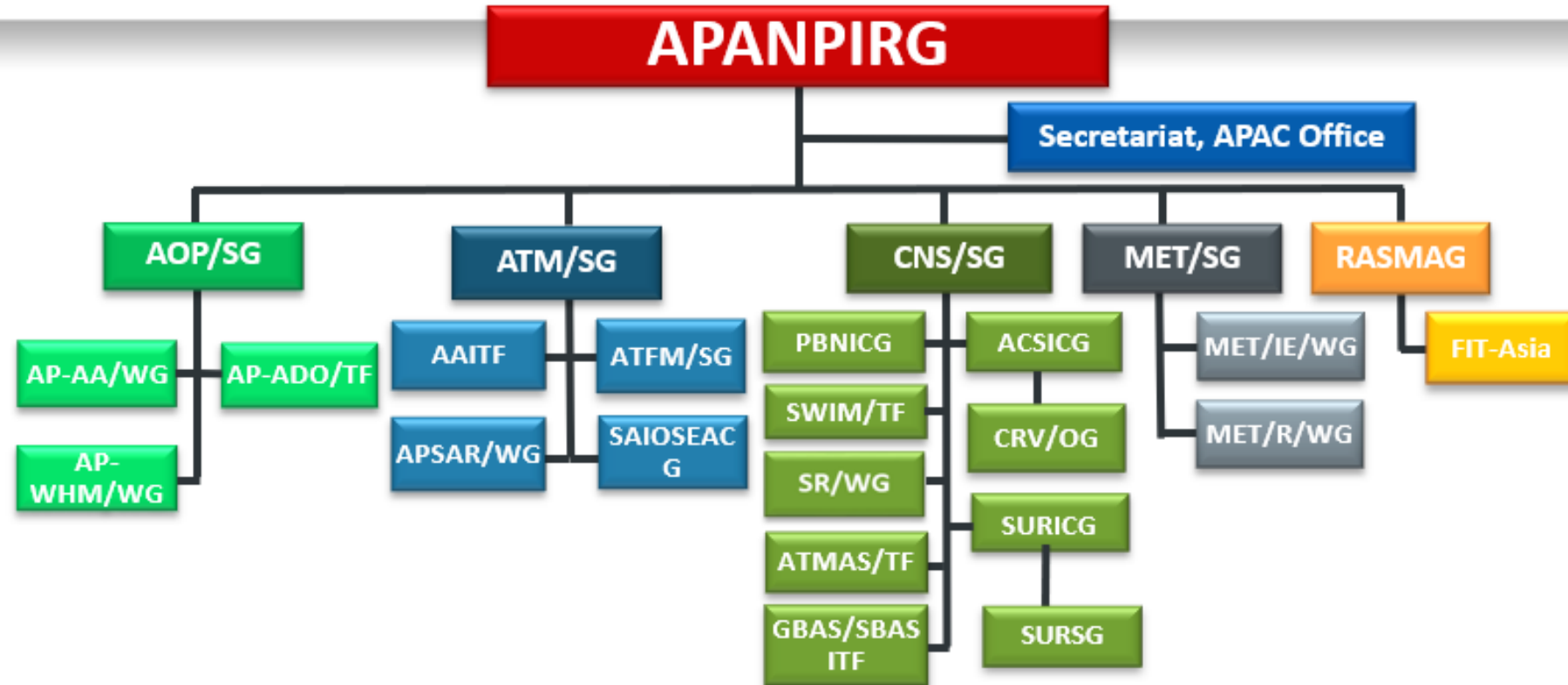




**The Third-Fifth Meeting of the Navigation Planning and Implementation Regional Group (APANPIRG)
ICAO Asia and Pacific Regional Office, Bangkok, Thailand, 25 - 27 November 2024**

**APANPIRG-
Decision-maker
for all ANS
Issues/matters/
implementation**

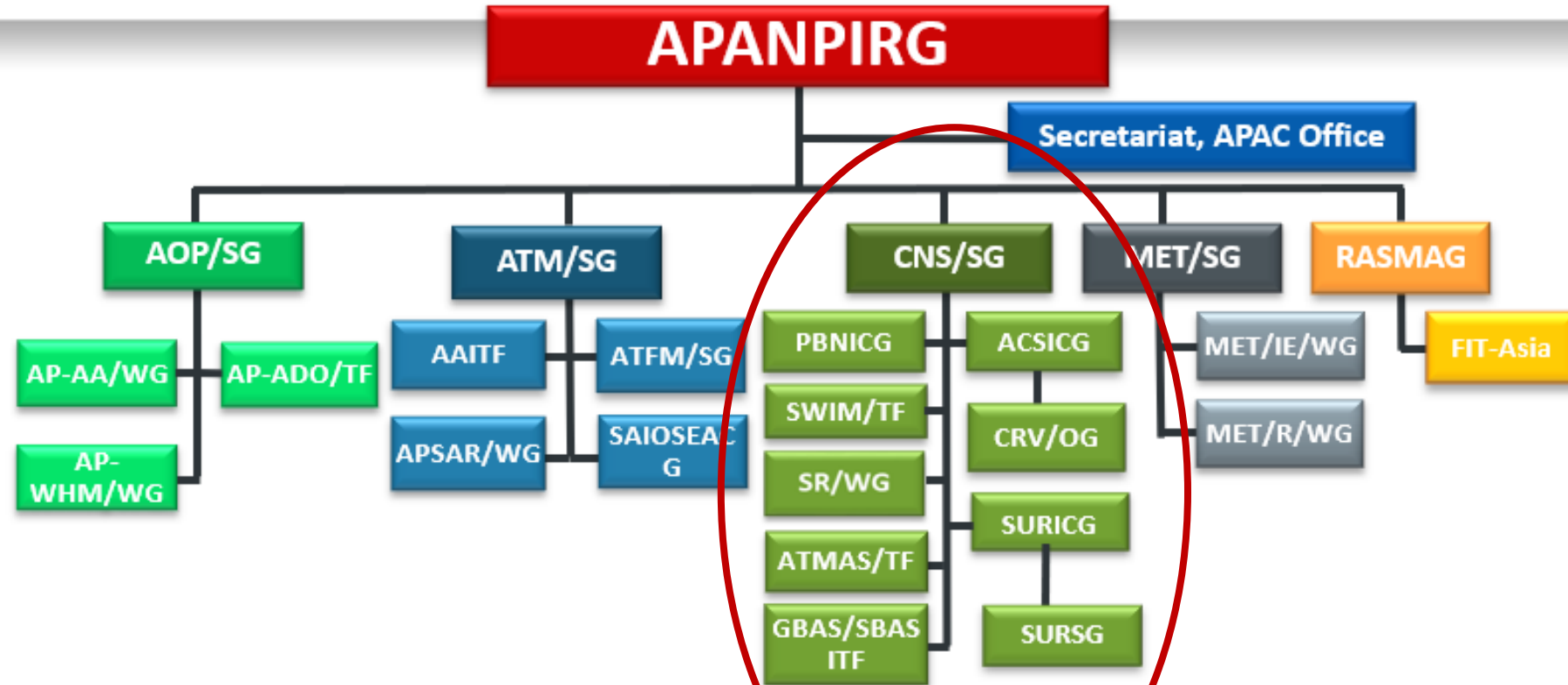




AOP/SG	- Aerodrome Operations and Planning Sub Group
AP-AA/WG	- APAC Aerodrome Assistance Working Group
AP-ADO/TF	- APAC Aerodrome Design and Operations Task Force
AP-WHM/WG	- APAC Wildlife Hazard Management Working Group
ATM/SG	- ATM Sub Group
AAITF	- AIS - AIM Implementation Task Force
APSAR/WG	- APAC Search and Rescue Working Group
ATFM/SG	- ATFM Steering Group
SAIOSEACG	- South Asia Indian Ocean and South East Asia ATM Coordination Group

CNS/SG	- CNS Sub Group
PBNICG	- PBN Implementation Coordination Group
SWIM/TF	- System-Wide Information Management Task Force
SR/WG	- Spectrum Review Working Group
ATMAS/TF	- ATM Automation System Task Force
GBAS/SBAS ITF	- GBAS/SBAS Implementation Task Force
ACSICG	- Aeronautical Communication Services Implementation Coordination Group
• CRV/OG	- Common Regional Virtual Private Network (VPN) Operations Group
SURICG	- Surveillance Implementation Coordination Group
• SURSG	- Surveillance Study Group

MET/SG	- Meteorology Sub Group
MET/IE/WG	- Meteorological Information Exchange Working Group
MET/R/WG	- Meteorological Requirements Working Group
RASMAG	- Regional Airspace Safety Monitoring Advisory Group
• FIT-ASIA	- FANS Interoperability Team-Asia



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DGCA Conferences

- ✓ Once in a year
- ✓ ICAO APAC 60th Conference of Directors General of Civil Aviation- Sendai, Japan from 28 July to 1 August 2025
- ✓ Significant issues and challenges
- ✓ Commitments of DGCA
- ✓ Action Items

First Asia/Pacific Ministerial Conference on Civil Aviation

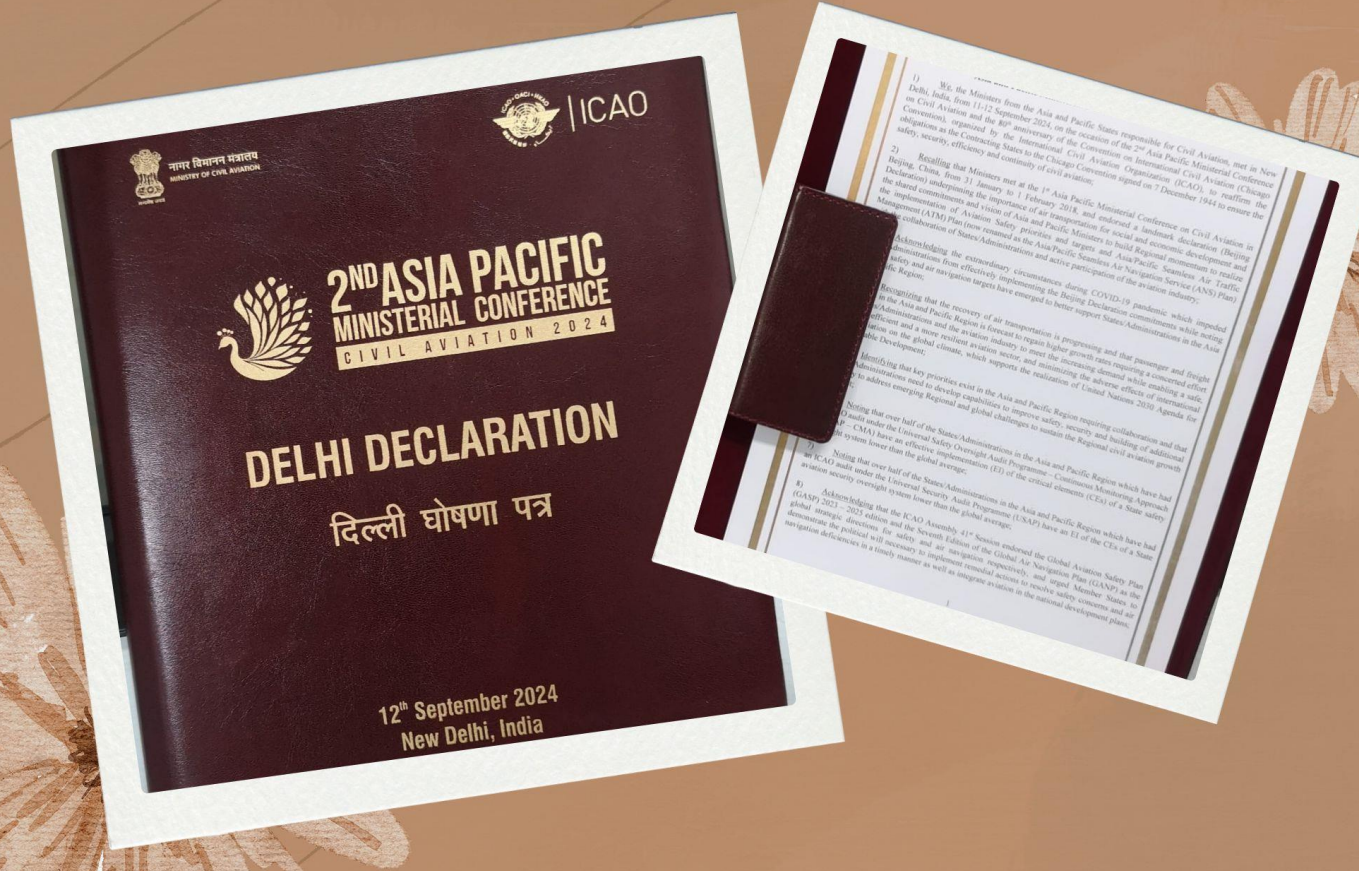
- ✓ Held in Beijing, China from 31 January to 1 February 2018.
- ✓ Organized by ICAO and hosted by the Civil Aviation Administration of China (CAAC).
- ✓ Main outcome of the conference was the endorsement of the 'Declaration on Asia/Pacific Ministerial Conference on Civil Aviation'.

The Second Asia and Pacific Ministerial Declaration on Civil Aviation (Delhi)

1. 11-12 September 2024, Co-hosted by ICAO and the Government of India in New Delhi, India, Inaugurated by the Honorable Prime Minister of India
2. Participated by over 200 delegates from 31 States / Administrations and 8 International Organisations
3. 17 Ministers/Deputy Ministers/Vice Ministers and 24 Directors General of Civil Aviation (DGCA)
4. ICAO's 80th anniversary



Delhi Declaration



1. Reaffirming Asia and Pacific Ministerial Declaration on Civil Aviation (Beijing)
2. Effective Implementation of ICAO Global Plans
3. Aviation Safety
4. Air Navigation Services
5. Aviation Security
6. Facilitation
7. Gender Equality
8. Resourcing for Civil Aviation
9. Aviation Environment Protection
10. Ratification of International Air Law Treaties

03 Global & Regional Strategic Documents- enablers for ANS policy





GLOBAL AIR NAVIGATION PLAN

MULTILAYER STRUCTURE OF THE GANP

Click a level to navigate

GLOBAL STRATEGIC

GLOBAL TECHNICAL

REGIONAL

NATIONAL



<p>GLOBAL STRATEGIC ✕</p> <p>Provides high-level strategic directions for decision makers to drive the evolution of the global air navigation system towards a common agreed vision.</p> <p>GANP DOCUMENT</p>	<p>GLOBAL TECHNICAL ✕</p> <p>Supports technical managers in planning the implementation of basic air navigation services and new operational improvements in a cost-effective manner.</p> <p>ASBUs & PF AN-SPA BBBs</p>	<p>REGIONAL ✕</p> <p>Addresses regional and sub-regional needs aligned with the global objectives.</p> <p>AFI ANP APAC ANP EUR ANP MID ANP NAM ANP NAT ANP CARSAM ANP</p>	<p>NATIONAL ✕</p> <p>Development by States, in coordination with relevant stakeholders, of air navigation plans aligned with regional and global plans.</p> <p>NANP TEMPLATE CBA CHECKLIST</p>
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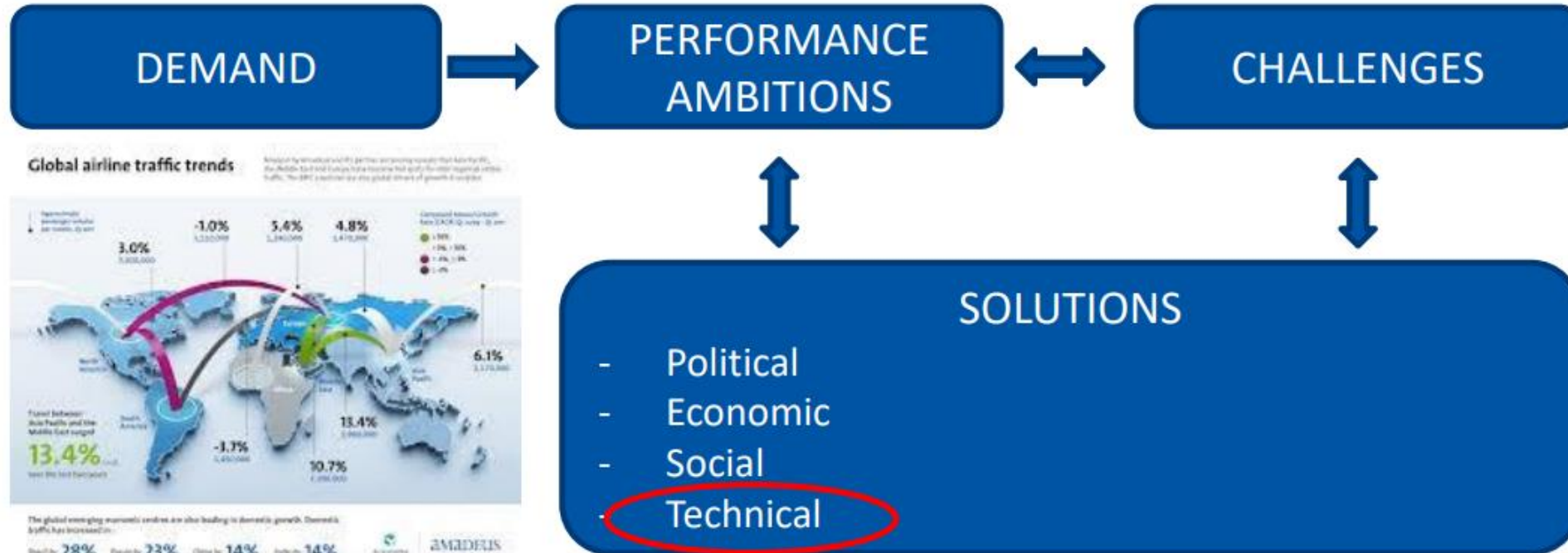
<https://www4.icao.int/ganpportal/>





GANP STRUCTURE

STRATEGIC APPROACH



ICAO APAC
Regional
Documents

-ICAO APAC e-ANP

APAC AIR NAVIGATION PLAN (ANP)

Number	Title	Update Date
Type Name: APAC ANP (4)		
01	ANP ALL Volumes Amendment Template (General)	21 January 2019
02	ANP VOL II TABLE ATM II-APAC-I ATS Routes Amendment Template and Guidance	21 January 2019
03	Proposal for Amendment of ANP Volumes I & II, Table AOP I-1 & Table AOP II-1 [Template and Guidance]	15 June 2021
04	Template for Proposal for Amendment of ANP Volumes I & II, Table CNS II-1 to 4 and Table CNS II-APAC-1 to 3	7 February 2025
Type Name: APAC eANP (3)		
01	APAC ANP Volume I	May 2025
02	APAC ANP Volume II	September 2025
03	APAC ANP Volume III	May 2017

ICAO APAC Regional Documents

ICAO APAC Seamless ANS Plan v4.0

INTERNATIONAL CIVIL AVIATION ORGANIZATION



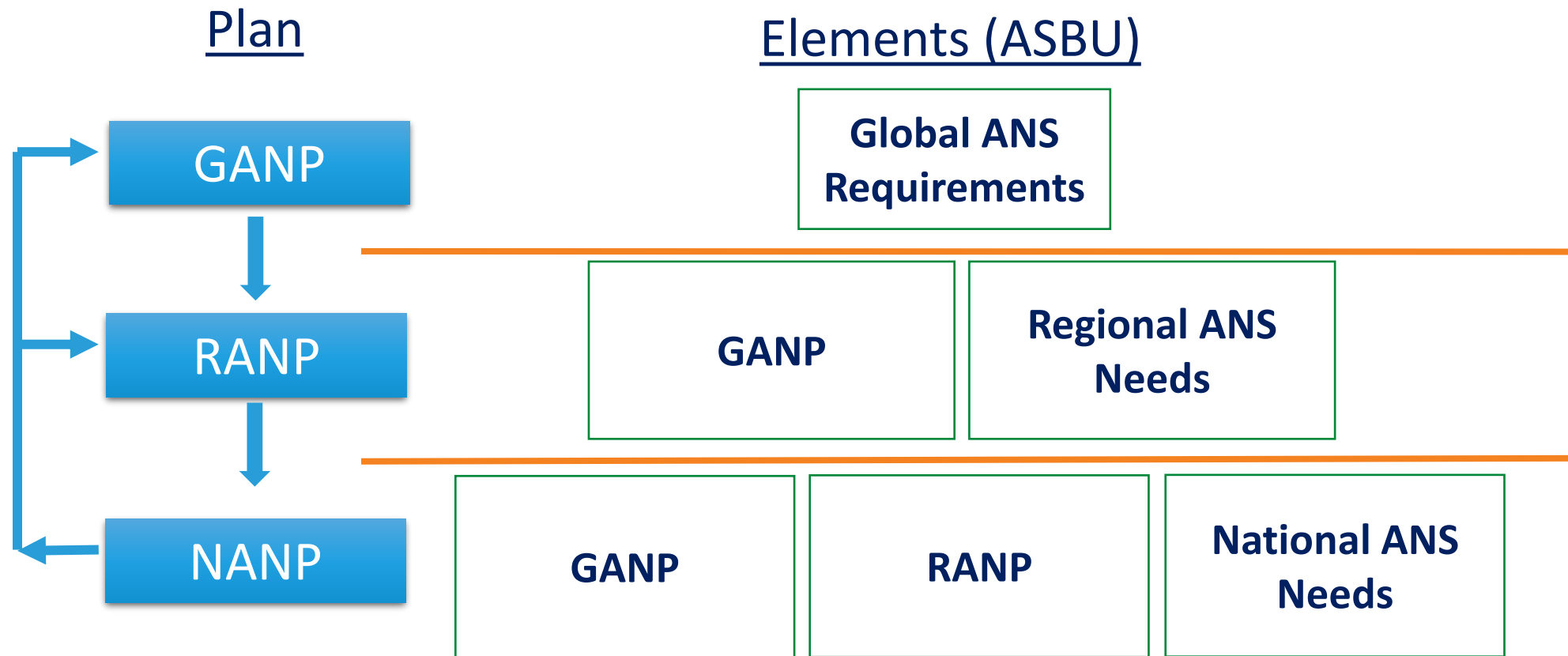
ASIA/PACIFIC SEAMLESS ANS PLAN

Version 4.0, November 2024

This Plan was originally developed by the Asia/Pacific Seamless ATM Planning Group (APSAPG) and amended when appropriate by APANPIRG.

Approved by APANPIRG/35 and published by the
ICAO Asia and Pacific Office, Bangkok

Relationship between GANP, RANP and NANP



Global Aviation Safety Plan

- The Global Aviation Safety Plan (GASP) outlines the global strategy for continuous aviation safety improvement. It aims to reduce aviation fatalities, harmonize safety initiatives, and help States develop robust safety oversight systems
- 2026-2028 edition of GASP

Key Elements of GASP

- Global safety goals & performance targets
- Framework for RASP (Regional Aviation Safety Plans) and NASP (National Aviation Safety Plans)
- Identifies global safety issues and prioritizes mitigation actions
- Developed collaboratively by the GASP Study Group (GASP-SG)



GASP Structure & Content

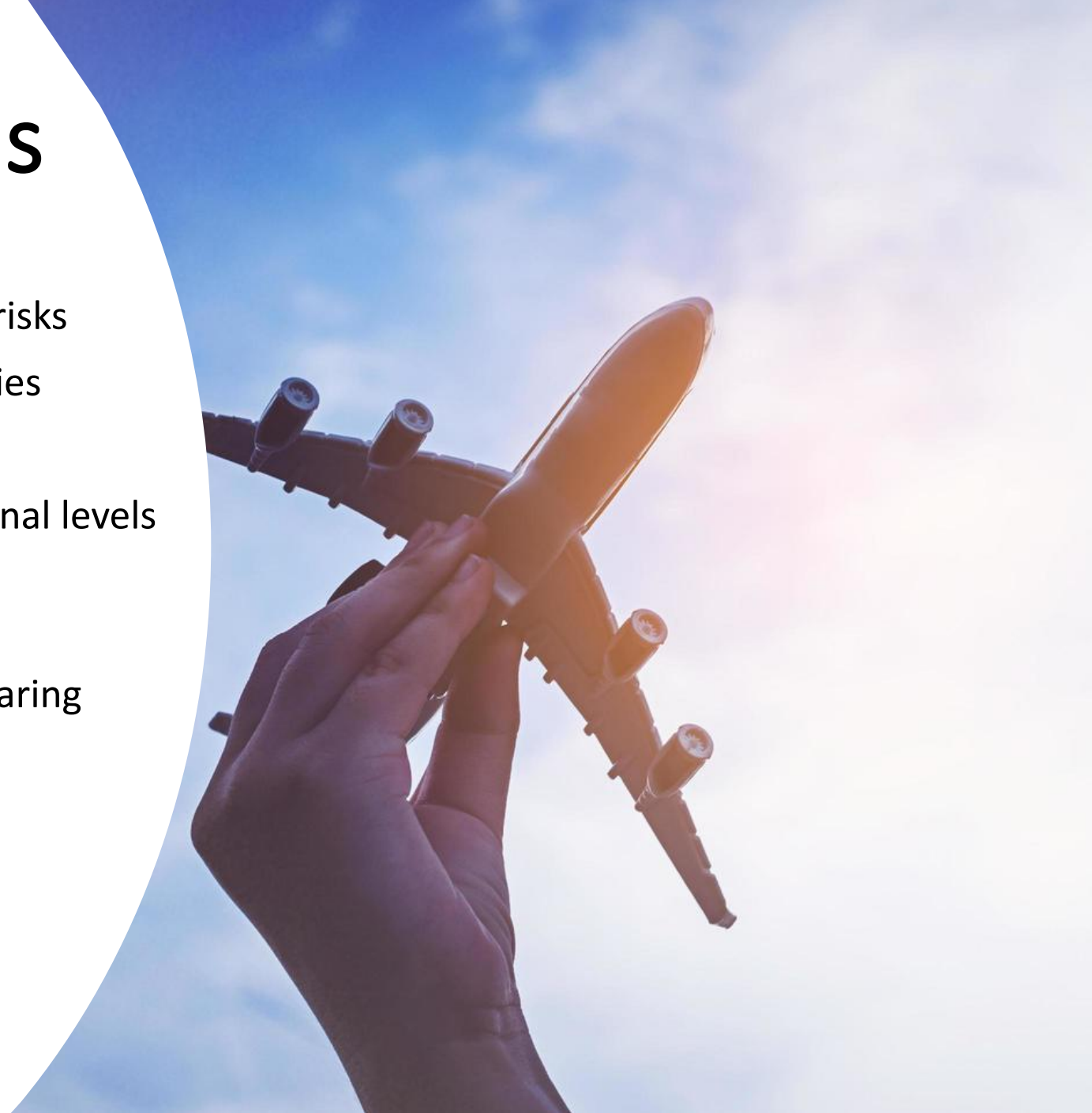
- Foreword
- Executive Summary
- Summary of Amendments
- Glossary

- Section 1 – Intro to GASP
- Section 2 – Purpose of GASP (link to other plans)
- Section 3 – Global OPS Safety Risks
- Section 4 – Global ORG Challenges
- Section 5 – Global Strategic Direction for the Management of Aviation Safety
- Section 6 – Monitoring Implementation



2026-2028 GASP Goals

1. Achieve continuous reduction of ops safety risks
2. Strengthen States' safety oversight capabilities
3. Establish & manage SSP
4. Strengthen collaboration at regional & national levels to address safety issues
5. Strengthen aviation safety planning
6. Expand use of industry evaluation & data sharing programmes



Draft GASP Goals

2023-2025 GASP

- Achieve continuous reduction of ops safety risks
- Strengthen SSO capabilities
- Implement effective SSP
- Increase collaboration at regional level
- Expand use of industry programmes & info sharing
- Appropriate infra for safe ops



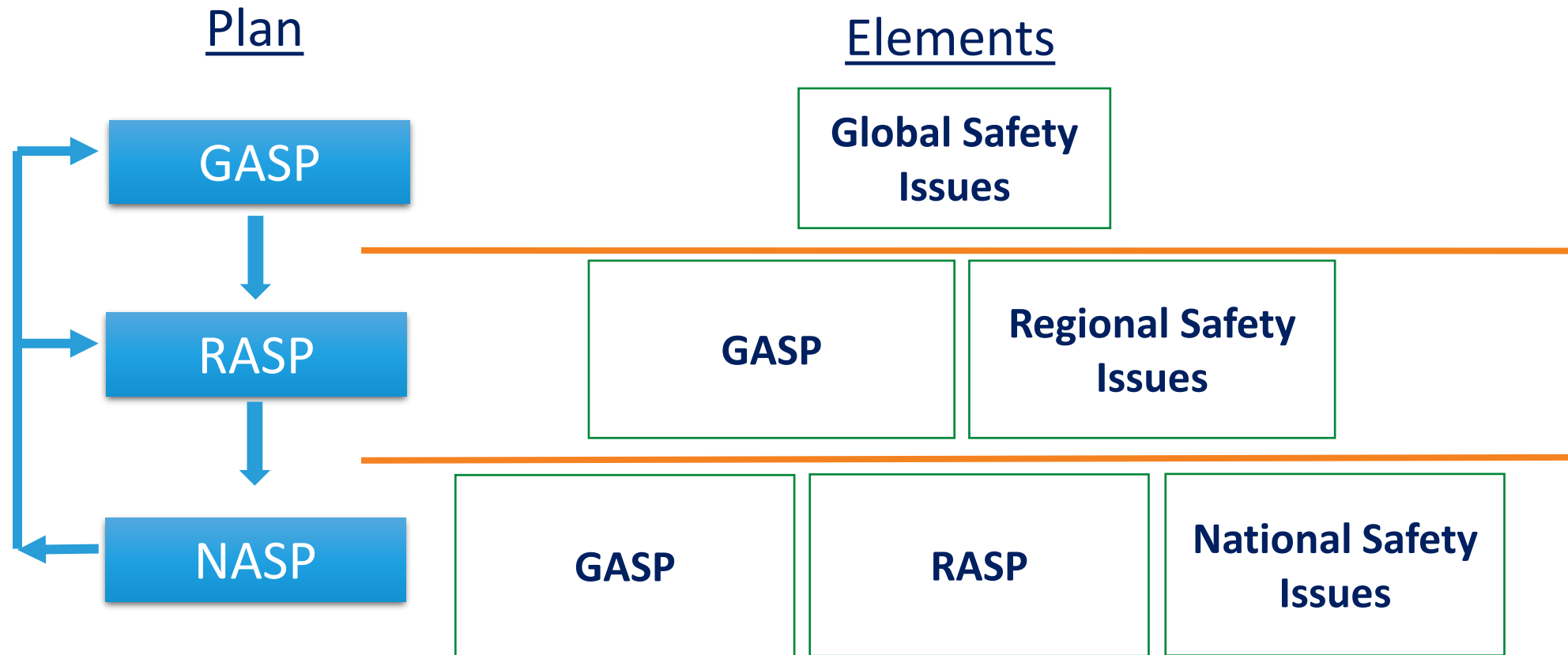
2026-2028 GASP

- Achieve continuous reduction of ops safety risks
- Strengthen SSO capabilities
- Establish & manage SSP
- Strengthen collaboration, regional & national levels
- Strengthen aviation safety planning
- Expand use of industry programmes



<i>ICAO aspirational safety goal “zero fatalities by 2030 and beyond”</i>			
<i>Goal</i>	<i>Target</i>		<i>Indicators</i>
<i>Goal 1: Achieve a continuous reduction of operational safety risks</i>	1.1	By 2028, States, regions and industry to decrease the accident rate, globally and within each ICAO region ¹	<ul style="list-style-type: none"> – Accident rate (number of accidents per million departures) – Fatal accident rate (number of fatal accidents per million departures) – Fatality rate (number of fatalities per billion passengers carried)
	1.2	By 2028, States, regions and industry to decrease the rate of accidents and serious incidents for each global high-risk category of occurrence (G-HRC), globally and within each ICAO region ²	<ul style="list-style-type: none"> – Accident rate by G-HRC – Serious incident rate by G-HRC – Percentage of accidents related to G-HRC compared to all accidents – Percentage of serious incidents related to G-HRC compared to all serious incidents
	1.3	By 2028, States, regions and industry to decrease the rate of accidents and serious incidents related to the other global risk categories of occurrences, globally and within each ICAO region ²	<ul style="list-style-type: none"> – Accident rate by other global risk category of occurrence – Serious incident rate by other global risk category of occurrence – Fatal accident rate by other global risk category of occurrence – Fatality rate by other global risk category of occurrence – Number of injuries per billion passengers carried (injury rate)

Relationship between GASP, RASP and NASP



04

Implementation of ANS Policy



Convention on International Civil Aviation



Signature of the Chicago Convention



Different ways to provide implementation support

- ✓ Compliance with SARPs
- ✓ ICAO Meetings
- ✓ Knowledge sharing sessions-
Workshop/Seminar/Symposium/trainings
- ✓ Online support- email, online meetings,
etc.
- ✓ Supporting National events
- ✓ Technical Assistance Missions

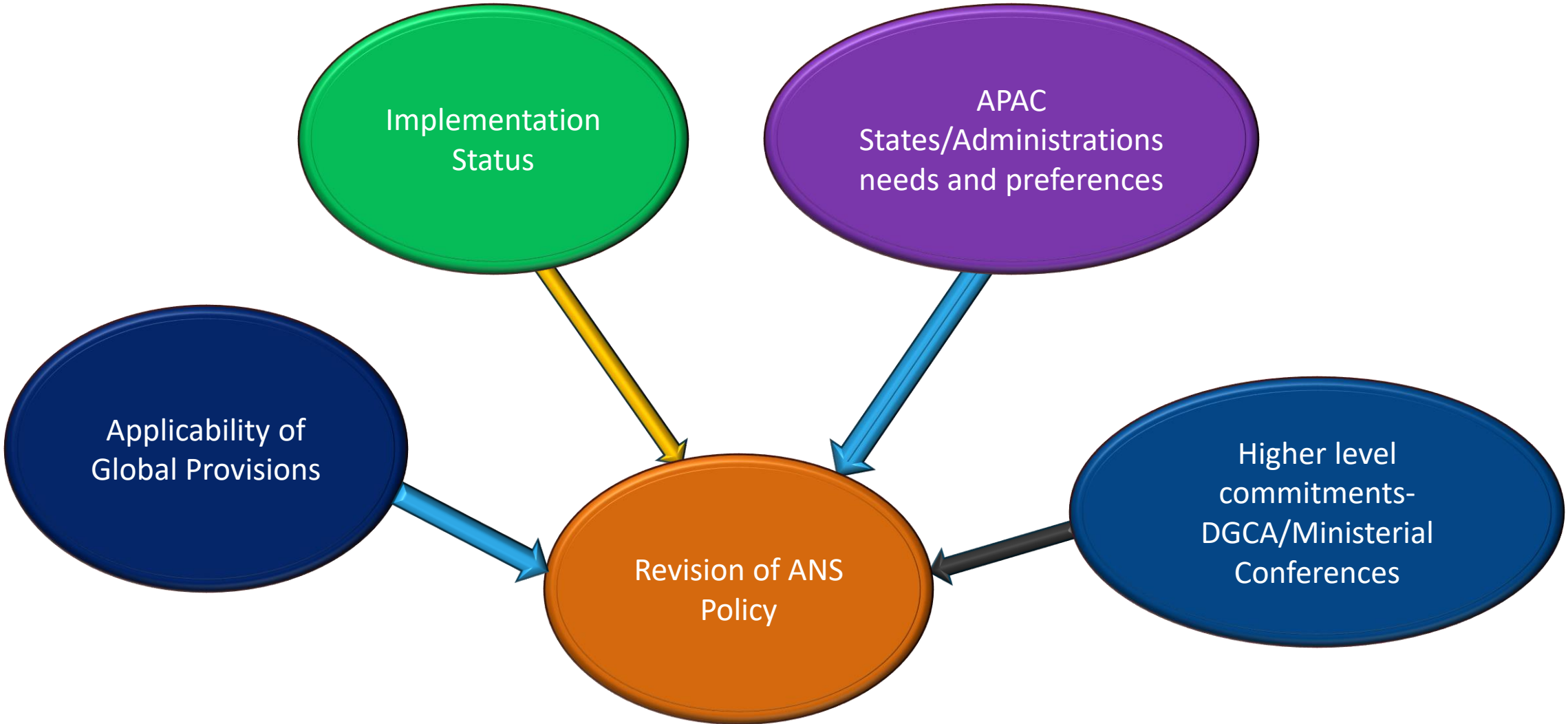


Implementation Status

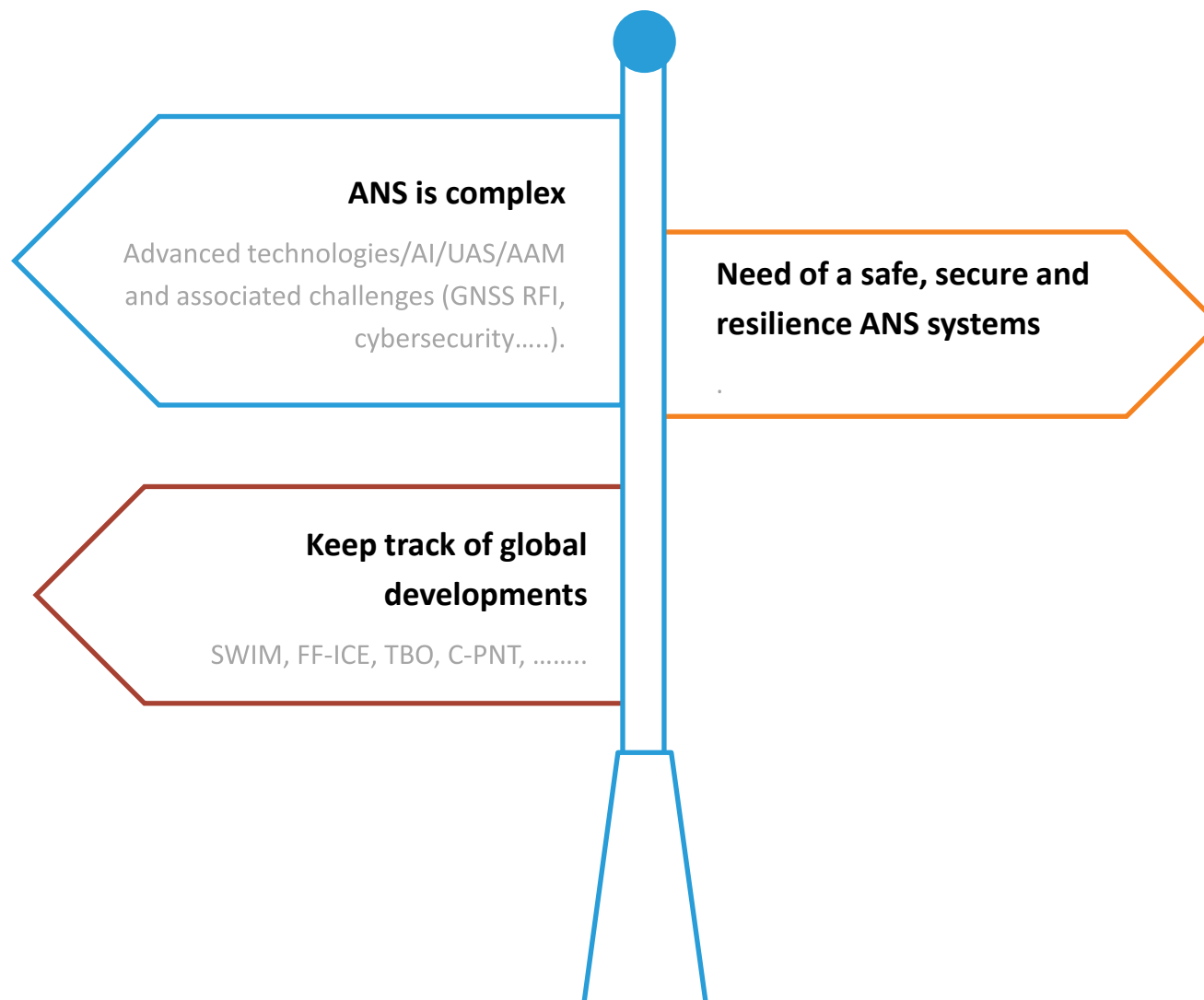
How we track the status?

- ✓ ICAO APAC Meetings
- ✓ Email correspondences
- ✓ Status reporting once a year- ANS Reporting Tool

Revision of ANS Policy



Conclusion





Active participation in ICAO Meetings are essential !

Thank You

