



SAFE SKIES.
**SUSTAINABLE
FUTURE.**



| ICAO



Presentation overview

01 Aviation security and cybersecurity policy

02 Update on the Universal Security Audit Programme USAP-CMA

03 Update on Implementation Support and Development – Security (ISD-SEC)

04 Developments in the Facilitation programmes

Aviation Security and Cybersecurity Policy

Trends affecting AVSEC 2022-24 overview

- Attacks at a distance, especially in conflict zones
- Attacks using UAS
- Threat posed by insiders
- Violent extremism, which may include politically motivated acts
- Cyber attacks
- Acts attributed to unrest and attacks in, or near conflict zones
- Unruly behavior
- Perimeter breaches and airport disruptions
- Communication of false information

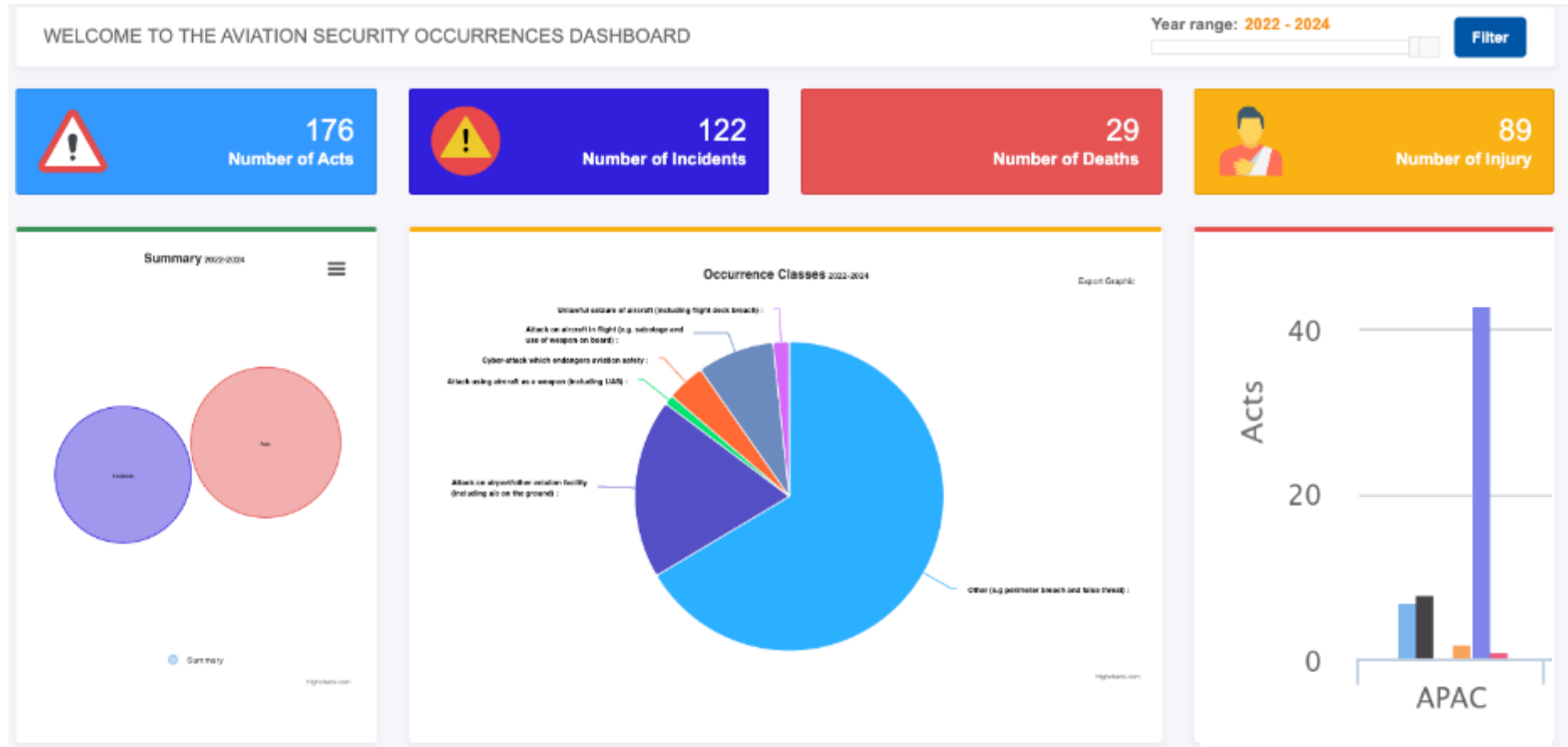




2022-24 APAC AVSEC trends' overview

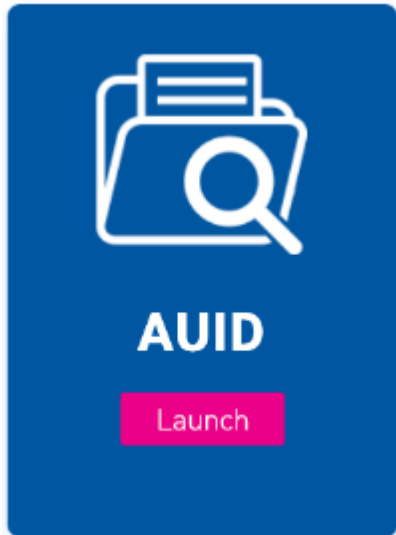
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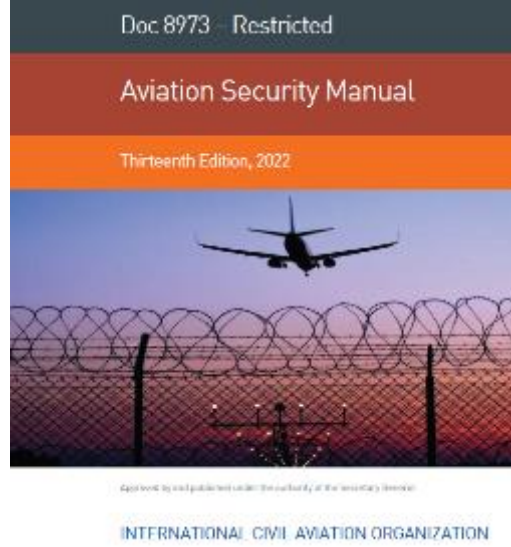
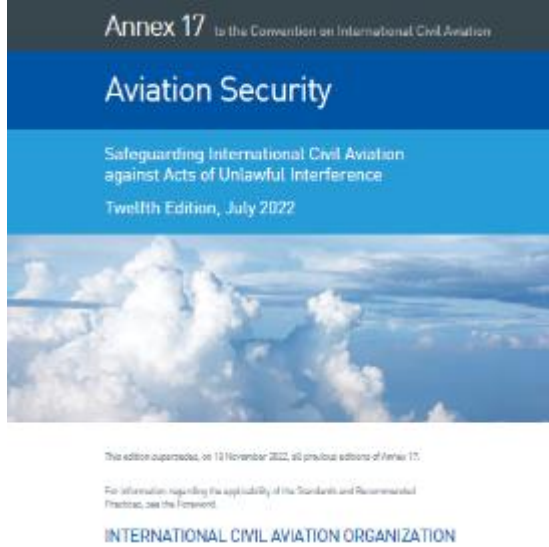
AUID – 2022-2024



- 7 Attack on aircraft in flight (e.g. sabotage and use of weapon on board)
- 8 Attack on airport/other aviation facility (including a/c on the ground)
- 0 Attack using aircraft as a weapon (including UAS)
- 2 Cyber-attack which endangers aviation safety
- 43 Other (e.g perimeter breach and false threat)
- 1 Unlawful seizure of aircraft (including flight deck breach)

APAC 61
(30 acts, 31 incidents)





- No finalized amendment in 2024
- Work in progress for future Amendment 19:
 - new/revised definitions
 - human factors
 - streamlining hold baggage provisions
 - ongoing work in assessing the clarity of certain A17 provisions



Development of the stand-alone guidance accessible on ICAO public website



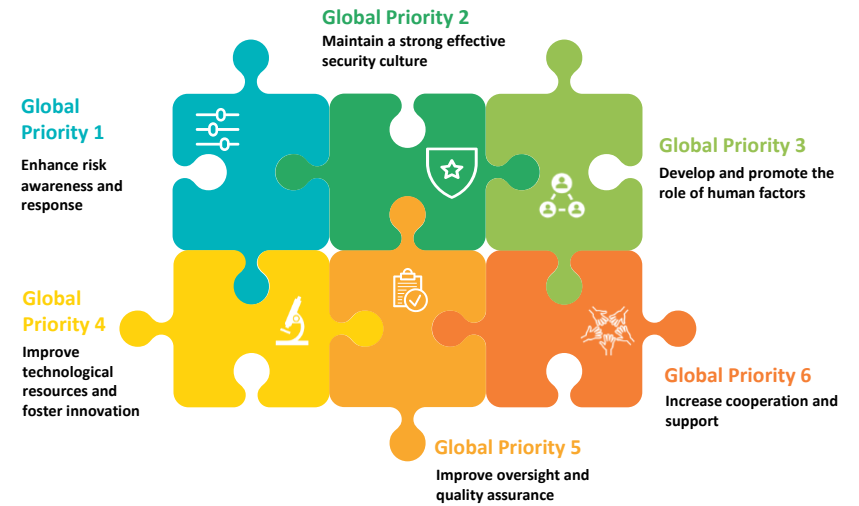
Update of the Statement
Development of the Risk Management Manual

Publication of Doc 10207, Aviation Security Training Manual, 1st edition, 2024

Global Aviation Security Plan 2nd Edition, 2024

One aspirational goal

Achieve and maintain a strong global aviation security system that is underpinned by **full and effective implementation** of ICAO aviation security Standards in all Member States



100 % EI

2033

100% of States reach or surpass 75% EI

75 % EI

2027

65% of States reach or surpass 75% EI

2030

80% of States reach or surpass 75% EI



6 Global priorities

Three milestones

Conflict Zones

- Available for free download in all six ICAO languages
- New or amended definitions
- Guidance for closure and re-opening of air space
- Proposed classification of risk levels
- Proposed template for transmission of risk info (NOTAM)

3rd
Edition of
Doc 10084

Secretariat
outreach
activities

- Regional Awareness Seminars (RAS): BKK 2204/09
- Interventions in relevant meetings and fora



Doc 10084

Risk Assessment Manual for Civil Aircraft
Operations Over or Near Conflict Zones

Third Edition, 2023



Approved by and published under the authority of the Secretary General.

Aviation Cybersecurity

First deliverables of the ICAO new governance structure



- 1st and 2nd meetings of the Ad-Hoc coordinating committee on cybersecurity
- Draft ICAO work programme to address cybersecurity in a holistic and cross-cutting manner

- **First Global Cyber Risk Considerations – Doc 10209**



- **Aviation Cybersecurity Glossary**



- 24 months work programme for guidance development

- Task Force to Develop a GAP Analysis on the need for Aviation Cybersecurity Provisions in ICAO Annexes

- Regional Awareness Seminars

Next meetings



ICAO SECURITY WEEK

9 to 12 December 2024

www.icao.int/Meetings/securityweek2024



AVSECP/36 - 7 to 11 April 2025

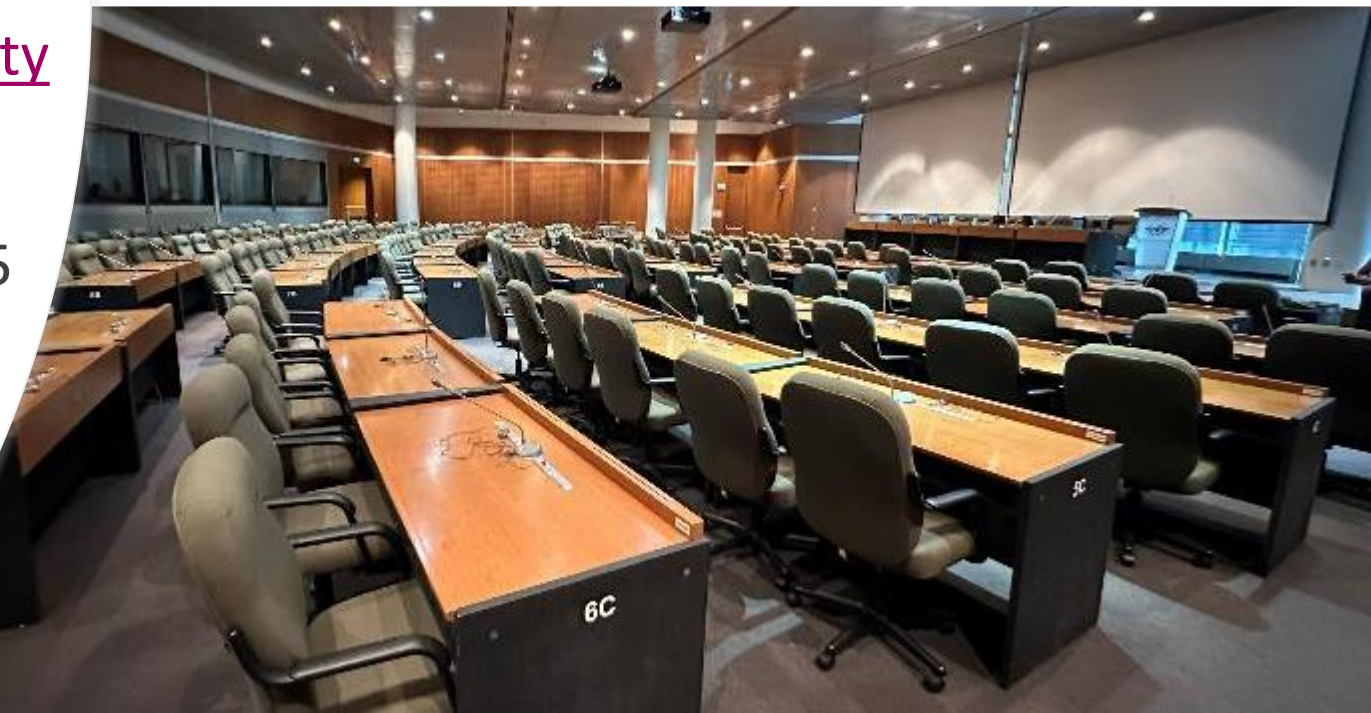


CYSECP/4 – 2 to 6 June 2025

ICAO SECURITY WEEK

SEC 2024

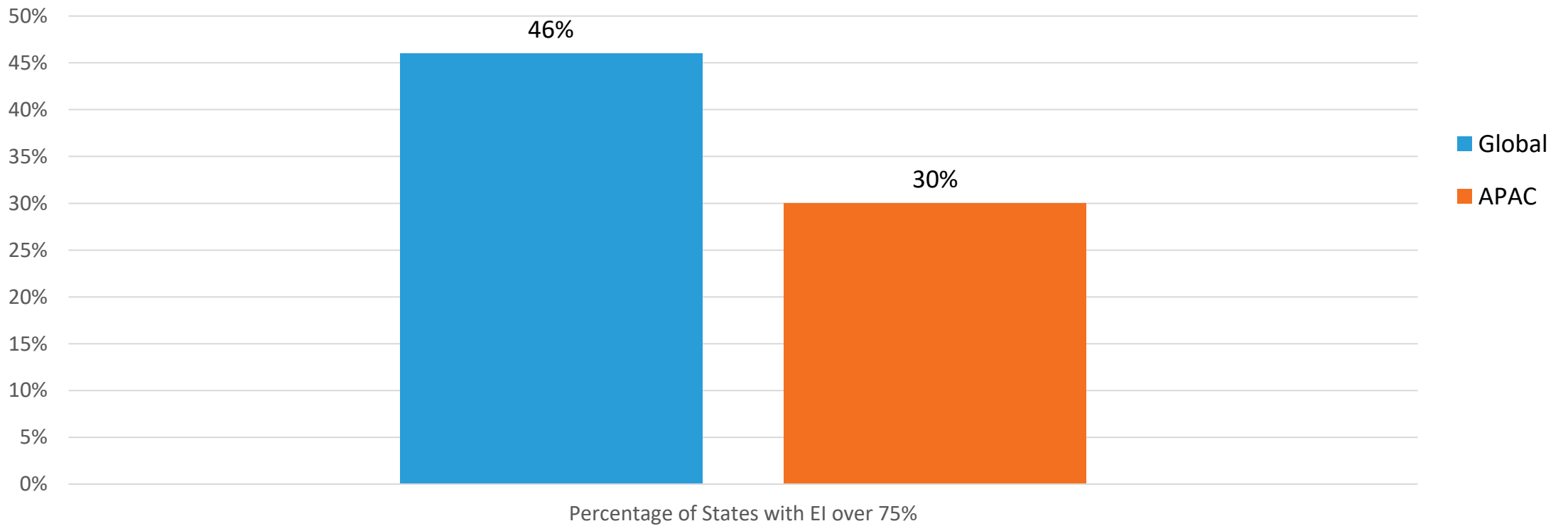
9-12 Dec 2024 | Muscat, Oman



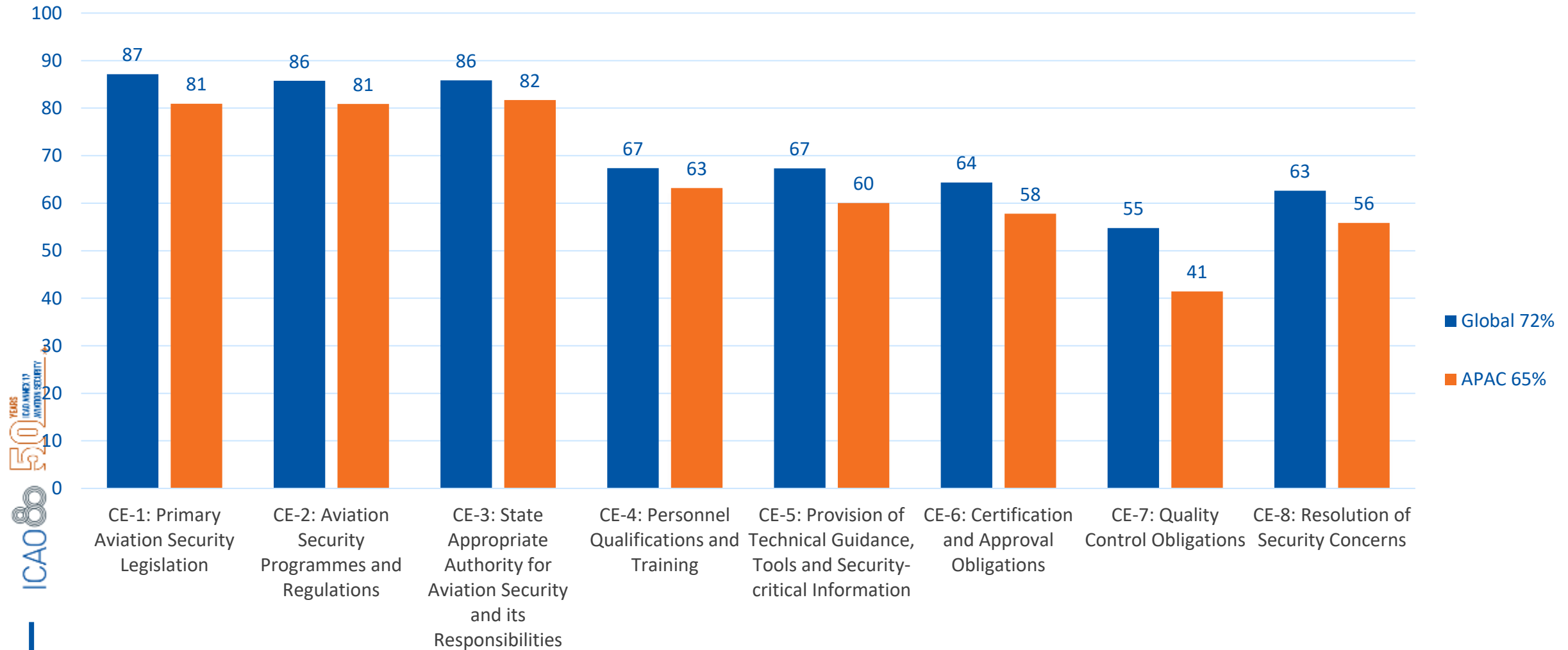
Update on the Universal Security Audit Programme USAP-CMA

Regional Audit Results - GAsEP Aspirational Targets

By Year	Percentage of States	Achieve Effective Implementation (EI) Rate
2027	65%	75%
2030	80%	75%

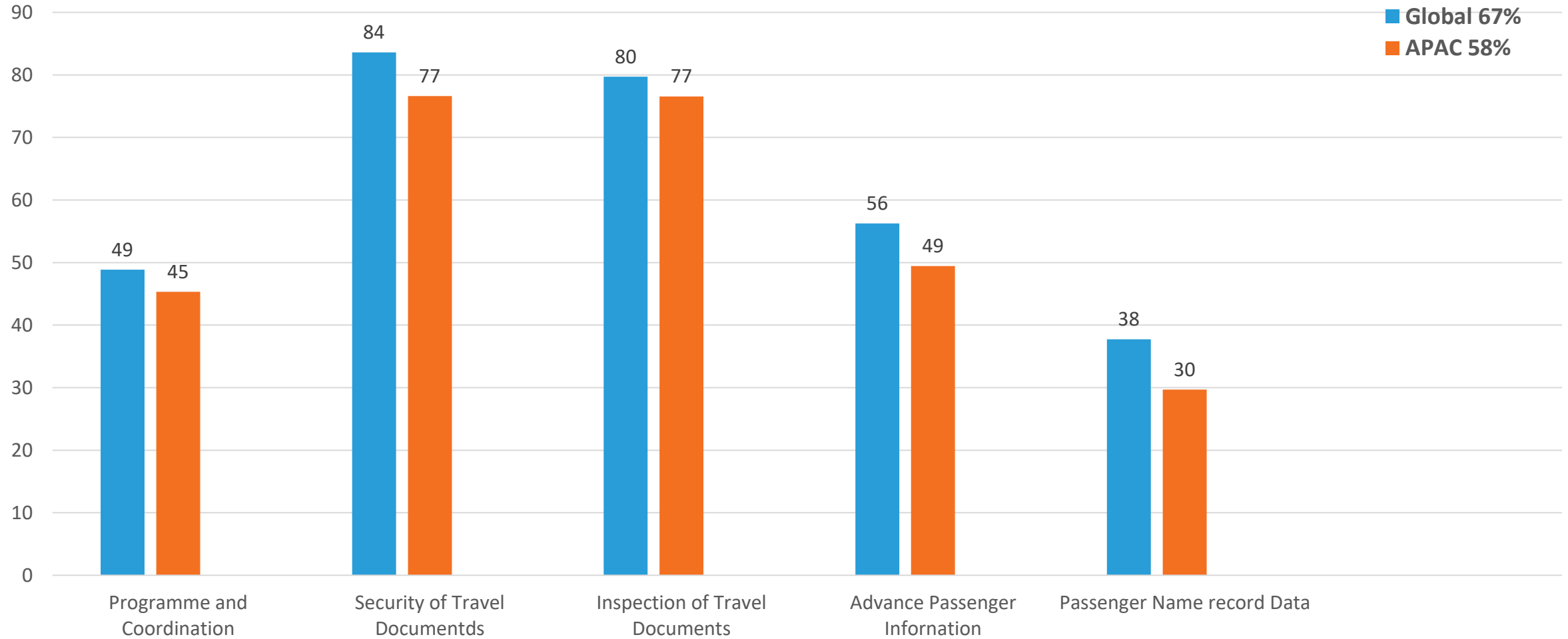


Regional Audit Results – Sustainability indicator



Regional Audit Results

Compliance with Annex 9 Security-related Standards



USAP-CMA related Activities in APAC

2024

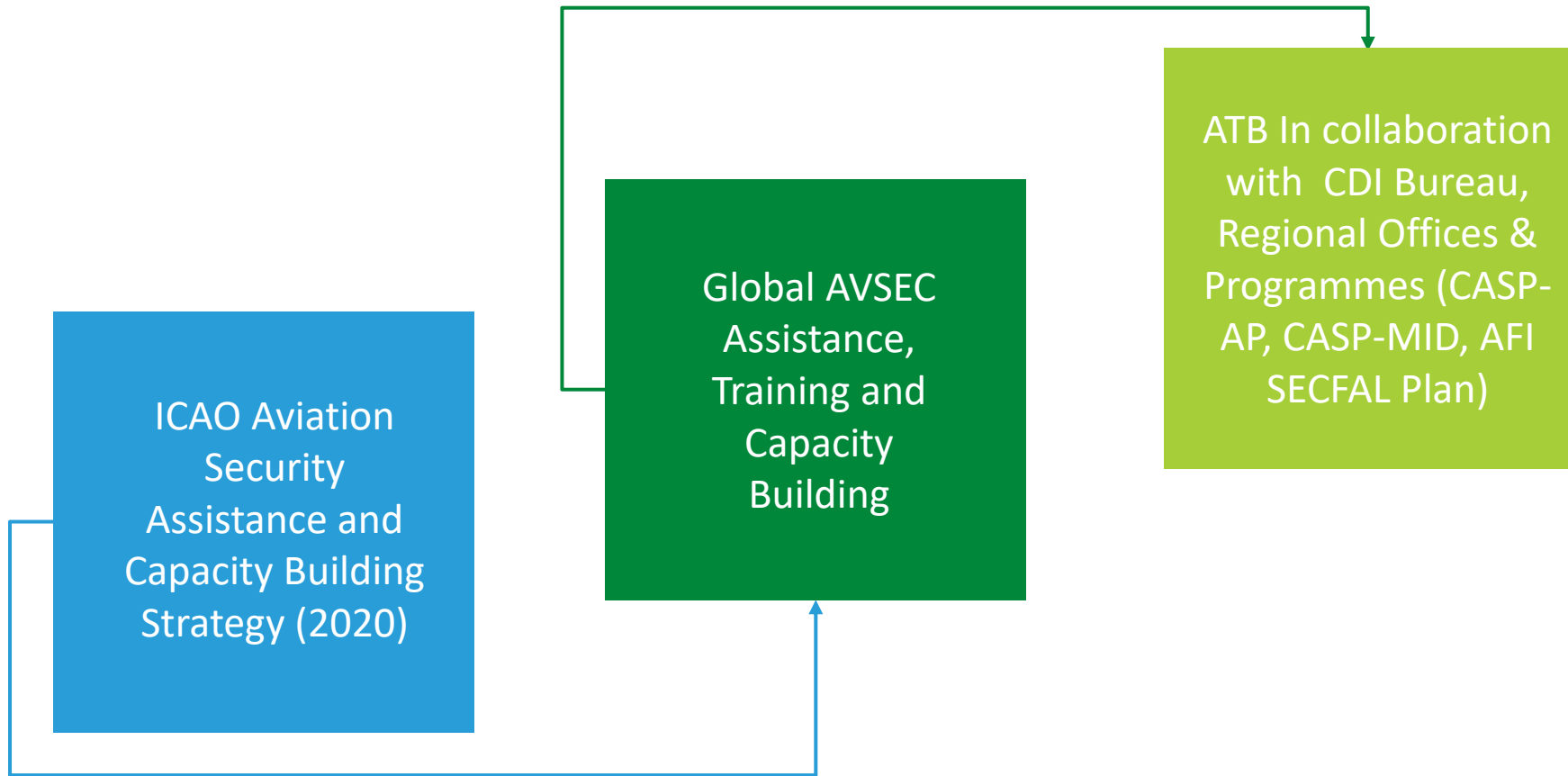
- 5 USAP-CMA audits will be completed in APAC as at 30 September 2024
- 4 additional USAP-CMA audits are scheduled by the end of the year
- 6 deferral requests received
- 1 USAP-CMA Auditor Training Course in June 2024 (hosted by Fiji)

2025

- 8 USAP-CMA audits planned in APAC in 2024
- A regional USAP-CMA Seminar is scheduled in Bangkok during the 4th trimester

Implementation Support and Development – Security (ISD-SEC) Programme

Implementation Support and Development - Security (ISD-SEC) Programme

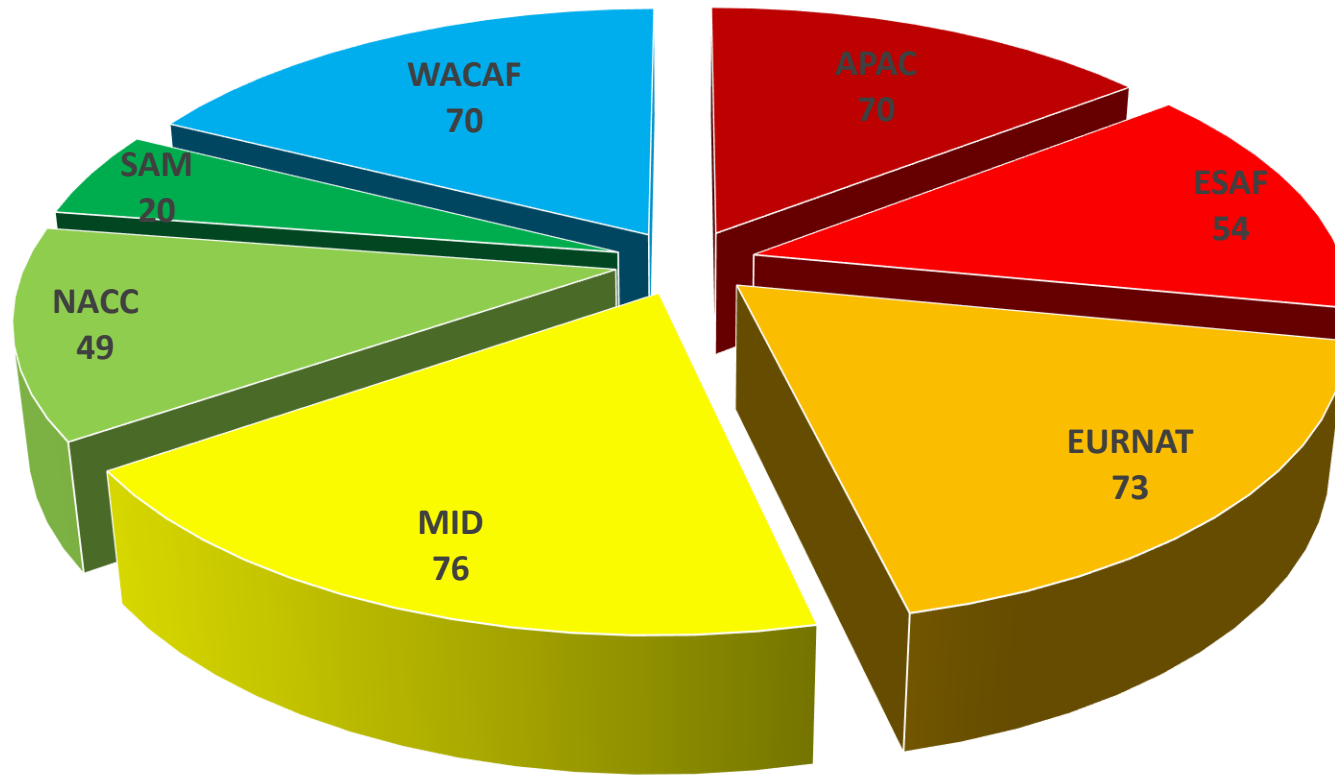


Implementation Support and Development - Security (ISD-SEC) Programme



ICAO-certified AVSEC Instructors – by Region

Total: 412 Instructors from 110 Member States (as of 31 May 2024)



Global
Female: 113 (27.43%)
Male: 299 (72.57%)

APAC
Female: 26 (37.1%)
Male: 44 (62.9%)

■ APAC ■ ESAF ■ EURNAT ■ MID ■ NACC ■ SAM ■ WACAF

ICAO AVSEC Training Achievements - 2024 (as of 31 Aug 2024)

- 24 ICAO-sponsored AVSEC training activities have been conducted globally via ASTCs, benefitting 365 AVSEC specialists from 87 Member States (**APAC: 6 events, with 100 participants from 23 Member States**)
- Support for AVSECP WG on Training – Technical Products (e.g. Security Culture)
- AVSEC Professional Management Course (2 AVSEC-PMCs in progress in 2024)
- AVSEC Professional Management Course scheduled from 24 Feb. to 16 May 2025 (Hong Kong ASTC/Seoul ASTC)

— AVSEC Technical Assistance Summary 2024

- 13 States actively involved in Aviation Security Improvement Plans (ASIPs), following USAP-CMA Audit Results and CAPs
- Requested assistance and partnership activities based on the prioritized needs of States and funded by the ICAO AVSEC/FAL Fund

APAC

- APAC Combined Action Team - AVSEC (CAT-AVSEC) – Bhutan, Solomon Islands
- Partnership with Australia Department of Home Affairs: Crisis Management WS for Sri Lanka and Vietnam, AVSEC Managers Course for Thailand
- Partnership with Transport Canada: AVSEC Quality Control Workshop (on screening) with the provision of Improvised Explosive Device (IED) infiltration test kits for Indonesia, Thailand, and Vietnam

Developments in the Facilitation programmes



2024 ICAO Year of Facilitation

❑ The Thirteenth Meeting of the Facilitation Panel (FALP/13)

- The Panel was held from 26 February to 1 March 2024 in Montréal
- The Panel considered proposals for Amendment 30 to Annex 9, including the relocation of existing health-related SARPs to Chapter 10 – Health-related provisions.
- Establishing a Facilitation Panel Working Group on Training and Capacity Building (WGTCB)

❑ New Guidance Materials

- Doc 9957 The Facilitation Manual, Second Edition, 2023
- Doc 10171 Manual on a Comprehensive Strategy for Combating Human Trafficking in the Aviation Sector, First Edition, 2023

Important new standards (amendment 30 to Annex 9) related to MRTD implementation



❑ The Fourth Meeting of the TAG/TRIP (TAG/TRIP/4)

- The TAG/TRIP was held from 11 to 13 October 2023 in Montréal
- The TAG/TRIP endorsed amendments to technical specifications that will be incorporated in Doc 9303 and forwarded proposals for Amendment 30 to Annex 9, related to Borders

❑ Harmonization of the passport type indicator:

- ⇒ When Contracting States issue passports with a secondary document type indicator they shall be in accordance with the specifications of Doc 9303 no later than 1 January 2026

❑ Migration of biometrics data encoding:

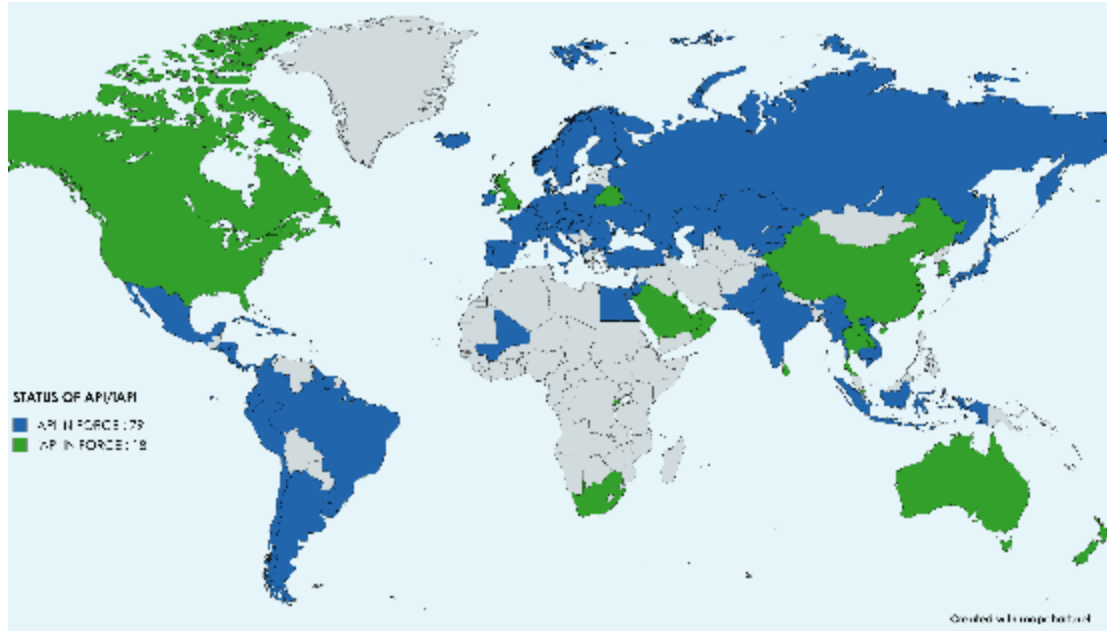
- ⇒ Contracting States issuing eMRTDs shall update their facial image encoding by 1 January 2030 at the latest.

❑ Enhancing data protection measures for eMRTDs:

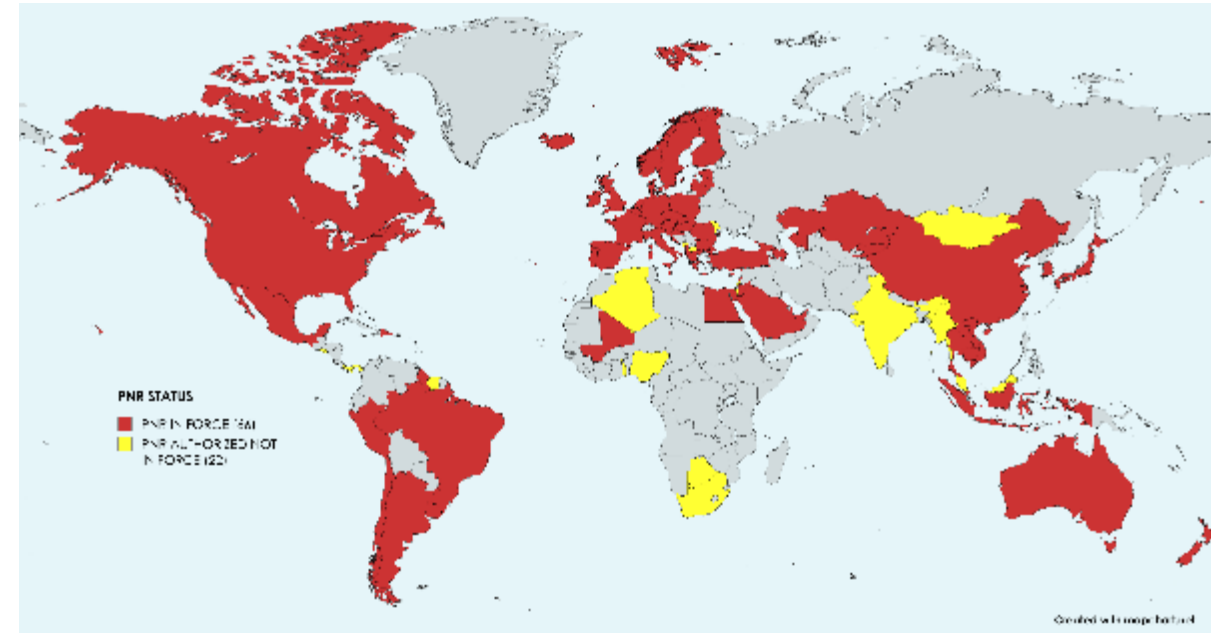
- ⇒ Contracting States issuing eMRTDs shall implement Password Authenticated Connection Establishment (PACE) as of 1 January 2026.

Advance Passenger Information (API) & Passenger Name Record (PNR)

MAP OF API STATUS



MAP OF PNR STATUS



Status	Number of ICAO APAC States (out of 39)
API In Force	16
iAPI In Force	3
PNR In Force	13
PNR Authorized, Not In Force	4

Source: information received by IATA and available on the IATA API/PNR World Tracker

The United Nations Countering Terrorist Travel (CT Travel) Programme

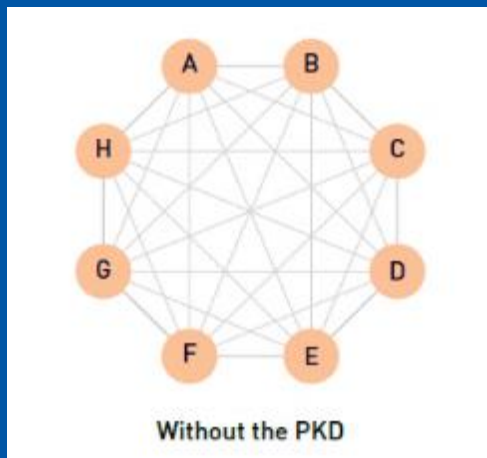
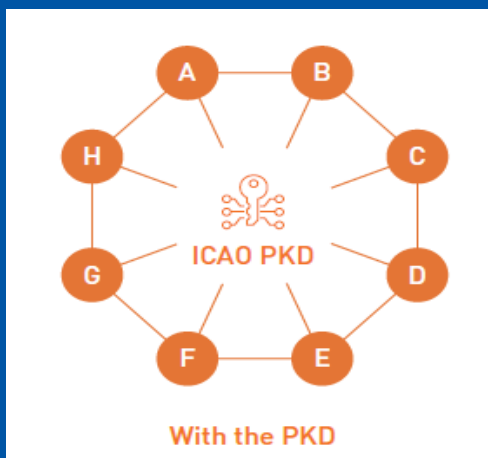
- **Launched:** in May 2019
- **UNOCT's global flagship initiative** with partners: CTED, ICAO, INTERPOL, UNODC, UNOICT, and IOM assisting 62 Member States
- **Objectives:** To support Member States in building their capabilities to detect and counter the movement of terrorists and serious criminals by collecting and using travel information and enhancing information exchange, in accordance with Security Council resolutions 2178 (2014), 2396 (2017), and 2482 (2019), international standards and relevant privacy laws.
- **Comprehensive assistance provided on:**
 - Needs assessment
 - Legislative assistance
 - Set-up of a Passenger Information Unit and delivery of training
 - Establishing carrier engagement and connectivity
 - Technical support and deployment of the UN software 'goTravel'

The ICAO Public Key Directory (PKD)

makes it easier to share public keys internationally



Public Keys are Needed to Electronically Verify eMRTDs and other digital documents



98 States participate globally 28

16 APAC States and **2** Non-State document issuing entities participate

An electronic document is only a paper document if the public keys are not available to the verifier!

Document issuers => Join the PKD to share your public keys

Border authorities => Download and use PKD data at your borders – it's free and increasingly vital!!

If not a participant:

- Please refer to State Letter 2024/06 and follow-up as requested

Thank You

