

ICAO APAC Webinar on the State Action Plan (SAP) Initiative to Reduce CO2 Emissions from International Aviation

8 May 2025



ICAO

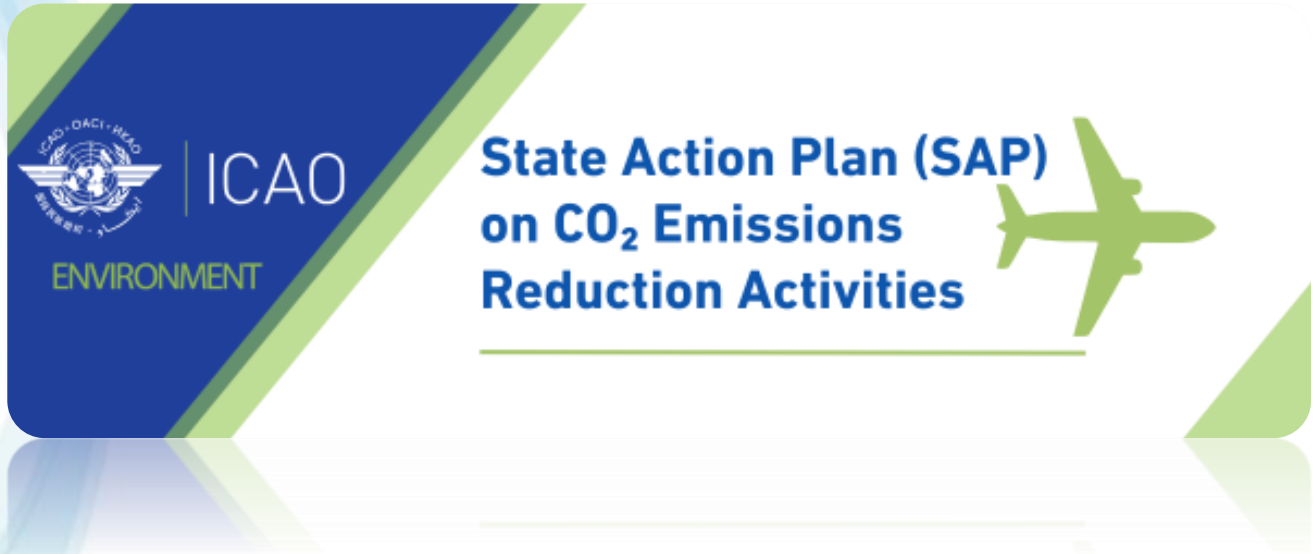


SAFE SKIES.
**SUSTAINABLE
FUTURE.**



Overview of State Action Plan Implementation in APAC Region

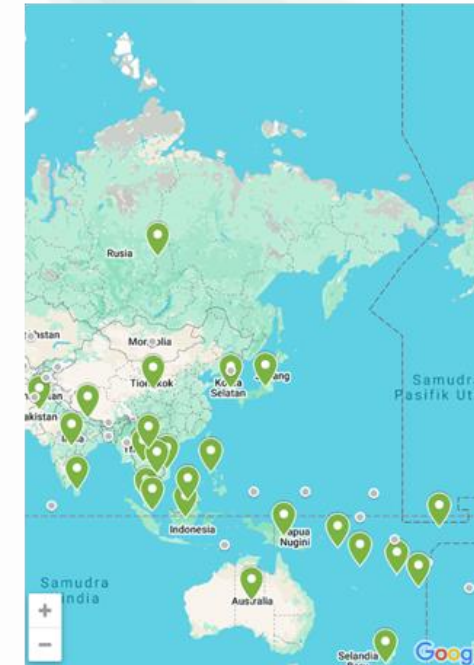
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OBJECTIVE



Outlines

- Up-to-date achievement on SAP submissions.
- APAC - main achievements on State Action Plan (SAP).
- Examples of Mitigation Measures selected in the APAC Region.
- ICAO State Action Plan Buddy Programme Partnerships in APAC region.
- Summary (Next Step)

Up-to-date achievement on SAP submissions



As of February 2025, 150 States (99.11% of global RTK) have voluntarily submitted their State Action Plan and in APAC region, there are **24 of 39 States (62%)** have submitted SAP to ICAO.

State Action Plans (SAP) in numbers (APAC Region)

State Action Plans (SAPs)

Current status:

1. # States submitted SAP: **24 (62%)**

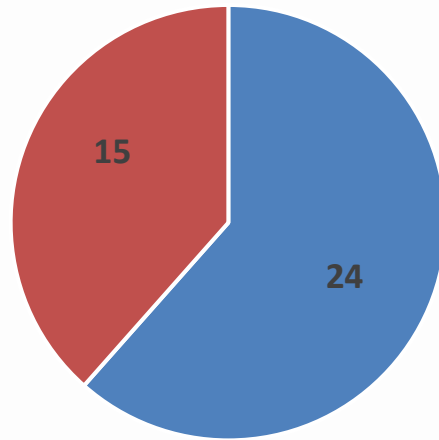
Australia	India	Malaysia	Philippines	Thailand
Brunei Darussalam	Indonesia	Nepal	Republic Of Korea	Tonga
Cambodia	Japan	New Zealand	Singapore	Vanuatu
China	Kiribati	Pakistan	Solomon Islands	Viet Nam
Fiji	Lao PDR	Papua New Guinea	Sri Lanka	

2. # States not yet submitted SAP: **15 (38%)**

Afghanistan	Cook Islands	Marshall Islands	Myanmar	Samoa
Bangladesh	Democratic Peoples Republic of Korea	Micronesia (Federated of) States	Nauru	Timor-Leste
Bhutan	Maldives	Mongolia	Palau	Tuvalu

APAC - SAP Main Achievements in 2024

Status SAP Submission in APAC



■ Submitted ■ Not submitted

State Action Plan (SAP) Report Status in APAC Region

- States submitted SAP : 24
- States not submitted SAP : 15

Examples of Mitigation Measures selected in the APAC Region

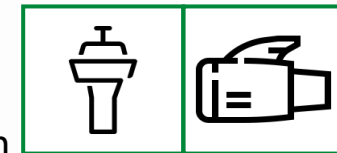
✓ AIRCRAFT TECHNOLOGY

- Fleet modernization – fuel-efficient aircraft
- Engine modernization – fuel-efficient engines
- Retrofitting and upgrade improvements on existing aircraft (e.g. installation of winglets/sharklets, etc.)
- Upgrading the avionics equipment – to meet current navigational requirements



✓ OPERATIONAL IMPROVEMENTS

- Modernization of Air Traffic Management (ATM) infrastructure
- Performance Based Navigation (PBN) and User Preferred Routes (UPR) implementation
- Airport collaborative decision-making (A-CDM) implementation
- Best practices in operations (e.g. aircraft weight reduction, minimizing flaps (take-off and landing), minimizing the use of reversers, single-engine taxi, reduction on APU usage, etc.)



Examples of Mitigation Measures selected in the APAC Region

✓ SUSTAINABLE AVIATION FUELS (SAF) AND CLEANER ENERGY

- Development and use of aviation fuels (feasibility study, R & D, demo flights, and commercial flights)
- Development of policies/standards for SAF use.



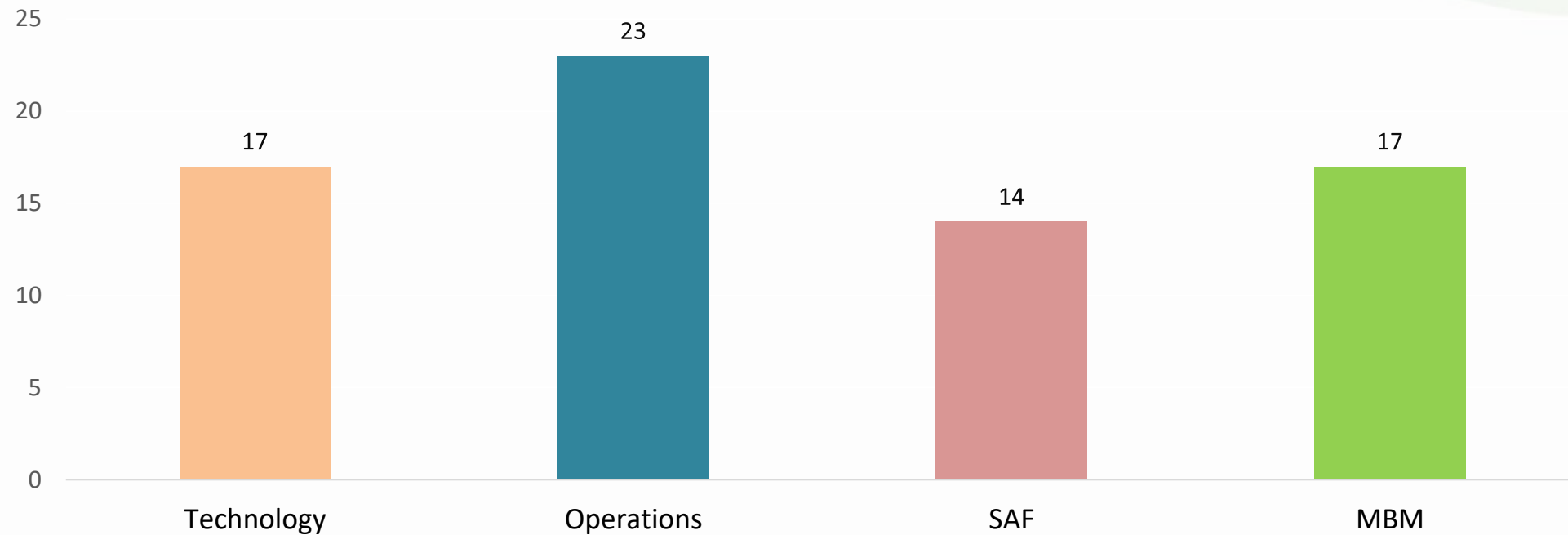
✓ MARKET-BASED MEASURES

- Voluntary participation in the offsetting requirements of CORSIA
- Development of national regulation to support CORSIA implementation.



Statistic on Mitigation Measures by States in APAC Region

Number of Implementing States on Mitigation Measures in APAC Region



ICAO State Action Plan Buddy Programme

- **ICAO Resolution A41-21Para 12,**
 1. The ICAO State Action Plan Buddy Programme invites States that have already submitted their State Action Plan on CO2 Emissions Reduction Activities to ICAO to partner with Member States that have not prepared their State Action Plans, in order to support those States.
 2. States that have not yet developed, or are in the process of developing, a State Action Plan are also invited to inform ICAO of their interest in being matched with a Supporting State through the Buddy Programme.

State Action Plan Buddy Programme Partnerships in APAC region

Partners		Status of Action Plan		
State providing support	State receiving support	Under development	Submitted to ICAO	Posted on the ICAO website
Indonesia	Timor Leste	X		

Summary (Next Step)

- Nomination/update of State Action Plan Focal Point.
- Prepare the initial/updated SAP for submission. Make sure the action plans will be practical and concrete in line with the updated SAP Guidance.
- Include innovative and appropriate mitigation measures in the SAP.
- Invite States to ICAO State Action Plan Buddy Programme (for States that have not yet developed, or are in the process of developing, a State Action Plan).
- Communicate with ICAO for questions and support through actionplan@icao.int or apac@icao.int.

Thank You



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icao.int/transformation

Intranet: OSG/TransformationalObjective