

2024 ICAO REGIONAL SEMINAR ON ENVIRONMENT



ICAO

ENVIRONMENT

- 7-8 August 2024 for APAC
Bangkok, Thailand
- 12-13 August 2024 for MID
Cairo, Egypt
- 20-21 August 2024 for NACC/SAM
Asuncion, Paraguay
- 10-11 September 2024 for EUR-NAT
Samarkand, Uzbekistan
- 15-16 October 2024 for ESAF/WACAF
Dakar, Senegal



2050

ACT»SAF

CORSIA

2024 ICAO REGIONAL
SEMINARS ON
ENVIRONMENT

August - September 2024



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2050



ACT SAF

CORSIA

APAC Region activities on State Action Plans (SAP)

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State Action Plan (SAP)
on CO₂ Emissions
Reduction Activities



August, 7th 2024

ICAO Asia and Pacific (APAC) Region States

Afghanistan
Australia
Bangladesh
Bhutan
Brunei Darussalam
Cambodia
China
Cook Islands
Democratic Peoples Republic of Korea
Fiji
India
Indonesia
Japan
Kiribati
Lao Peoples Democratic Republic
Malaysia
Maldives
Marshall Islands
Micronesia (Federated States of)
Mongolia
Myanmar
Nauru
Nepal

New Zealand
Pakistan
Palau
Papua New Guinea
Philippines
Republic of Korea
Samoa
Singapore
Solomon Islands
Sri Lanka
Thailand
Timor-Leste
Tonga
Tuvalu
Vanuatu
Viet Nam

Total: 39 States

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 States of)	Nauru	Timor-Leste
Bhutan	Maldives	Mongolia	Palau	Tuvalu

Examples of Mitigation Measures selected in the APAC Region

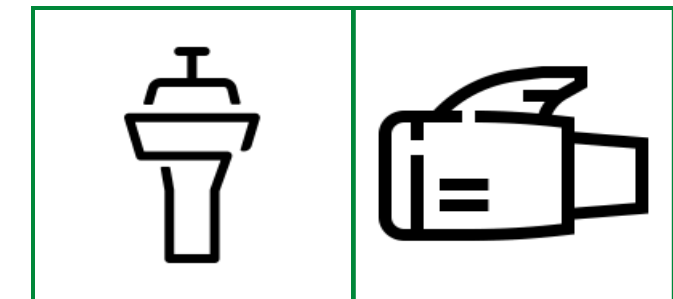
✓ AIRCRAFT TECHNOLOGY

- 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.



Next steps for SAP

- ✓ 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 measures in the SAP.
- ✓ Communicate with APAC RO for questions and support.

Contact points:

- Answering questions and providing support: actionplan@icao.int
- APAC Regional Office:
 - Mr. Peter Dunda (pdunda@icao.int)

Thank You

