





ICAO States' Action Plans Initiative

Action Plan and Turkey

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OUTLINE

AVIATION in TURKEY
STATE ACTION PLAN HISTORY and PROCESS
SUCCESS of THE TURKEY'S SAP
EVALUATION of MEASURES
FUTURE WORK/PLAN
SUPPORTING OTHER STATES













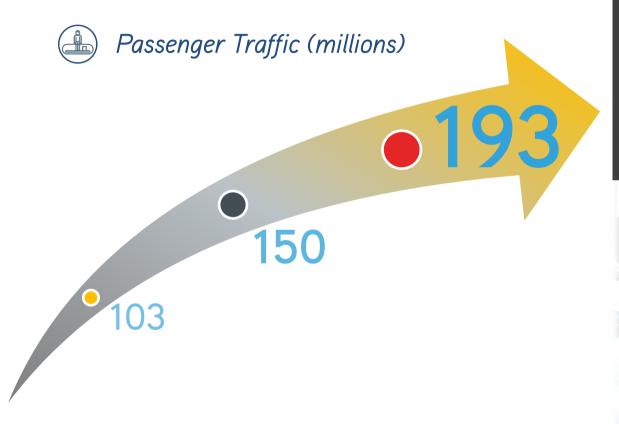
Mediterranean Basin vulnerable to the adverse impacts of

climate change!









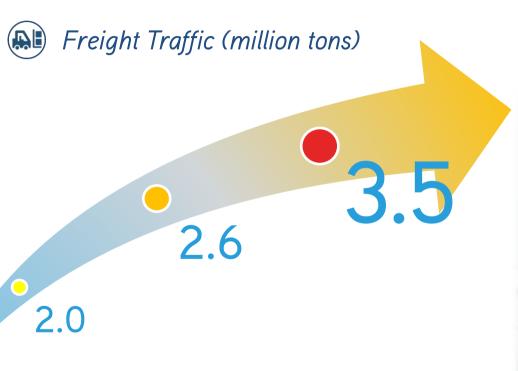
87%

increase since 2010 to 2017









75%

increase since 2010 to 2017







2019 RANKING	RTK INT&DOM	RTK INT	RPK INT&DOM	RPK INT
TURKEY	9 th	8 th	12 th	10 th

data has been taken from ICAO 2019 Air Traffic Statistics Annual Report









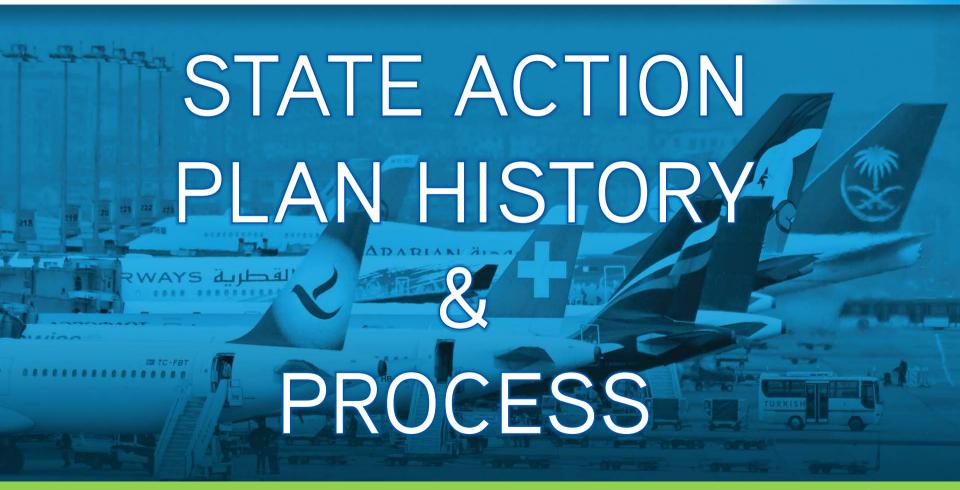


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In 2018 it is fully renewed and submitted to ICAO.







Contacted with ICAO

Obtained a feedback from ICAO for renewal of the Action Plan

Attended to ICAO Regional Seminar on States' Action Plans and Carbon offsetting and Reduction Scheme for International Aviation (CORSIA)

Learned related ICAO Docs and used the tools EBT, IFSET for the first time

Requested a workshop from ICAO in Turkey

Organized a regional workshop in İstanbul





Invited State Representatives

Invited Stakeholders

- Airport Operators
- Ground Services
- Terminal Operators
- Airline Operators

Established National Action Plan Team

Learned the content of an Action Plan

Requested all essential information from stakeholders





European Comprehensive approach for SAPs

- A common section to all European Action Plans presenting measures taken collectively across Europe, which was endorsed by the DG's
- 2) A national section, which further describes the national contribution to the European measures, and/or describes additional measures taken by individual States and their stakeholders.







Worked very closely with each of the stakeholder
Gathered the data
Utilized EBT tool
Incorporated all the information to the plan
Sent it to ICAO via APER group
Obtained feedback from ICAO staff
Corrections made and re-submitted
Published it on the ICAO web site



ENVIRONMENT

NO COUNTRY LEFT BEHIND





International Civil Aviation Organization

de l'aulation civile. internationale

Omanización de Aviación Civil

Международная COLUMNIA гражданской эвиации

Ref.: ENV 4.1

Mr. Bahri Kesici Acting Director General Directorate General of Civil Aviation Ministry of Transport, Maritime Affairs and Communications Gazi Mustafa Kemal Bulvari No: 128/A 065700 Maltepe-Ankara Turkey Email: bahri.kesici@shgm.gov.tr

Dear Mr. Kesici.

I wish to refer to the 5 October 2018 submission by Turkey to the International Civil Aviation Organization (ICAO) of its updated State Action Plan on CO2 Emissions Reduction for International Aviation. The submission of an Action Plan provides an opportunity to establish and showcase strategies to reduce aviation emissions. In this regard, we commend the commitment of the Government of Turkey towards environmental sustainability.

In line with the No Country Left Behind initiative, ICAO is dedicated to supporting all Member States in their determination to further develop or update a State Action Plan on CO₂ Emissions Reduction for International Aviation, and remains committed to sharing guidance material, best practices and ICAO-developed tools to this end.

I am grateful for the efforts devoted to the development of the Action Plan update, and your commitment to the State Action Plan initiative.

Yours sincerely.

MAR 1 8 2019

Director, Air Transport Bureau

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and several greeting e-mails













Airlines	Airports	Apron Services (Ground Handling etc.)	Air Navigation Services
Weight Reduction	LED lighting	Fleet Change	Timing Options
Flight Procedure Improvements	Fuel-Oil to LNG conversion	LED lighting	Route Enhancements
Operation Improvements	Solar Panels	Fugitive Reduction	Apron Organization
Maintenance		Solar Panels	
Marketing			
Dispatch			





INEFFECTIVE/UNSUCCESSFUL MEASURES

- Single Engine Taxi (Taxi-in is OK)
- Electric Taxi
- Route Enhancements
- Continuous Ascending/Descending







FUTURE PLAN

- DMS (for domestic flights and CORSIA)
- EMS (for whole airport and ground units)







DMS (Data Management System)

- MRV INT&DOM flights
- Preparation of related documents of CORSIA
- Emission Statistics
- Reports
- Available @2ndQ 2021







Emission Monitoring System (EMS)

Continuation of green airport project

- Monitoring airport by airport data
- Onboard calculation module (nearly impossible to obtain incorrect data)
- Parallel to the ISO 14001 & ISO 14064 standards
- On-site inspections not only emissions but also for environmental management
- Obligatory regulations (prepared)
- Available @3rdQ 2021









SUPPORTING OTHER STATES

Baku, Azerbaijan, (4-5 December 2018)











North American Central American and Caribbean (NACC) Office Mexico City

South American (SAM) Office Lima ICAO Headquarters Montréal Western and Central African (WACAF) Office Dakar European and North Atlantic (EUR/NAT) Office Paris

Middle East (MID) Office Cairo Eastern and Southern African (ESAF) Office Nairobi

Asia and Pacific (APAC) Sub-office Beijing Asia and Pacific (APAC) Office Bangkok

ANY QUESTIONS?

THANK YOU