



Republic of Seychelles



Second Phase of the ICAO Assistance Project with the EU Funding :
“Capacity Building for CO₂ Mitigation from International Aviation

Third Meeting
25 to 27 July 2023



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National Focal Points



Content

Aviation Environmental System

- Data collection
- Submissions of CO₂ reports to ICAO

Progress of the mitigation measures

- Measures already in place
- Measures that as a result of the project
- Measure that are scheduled to be implemented in the short term

Challenges related to the implementation of mitigation measures

- Major challenges related to the implementation of mitigation measures



AES – Data Collection

Air Seychelles has submitted data up to June 2023

The information is being stored on an SCAA shared folder

SCAA agreed to submit CO2 report to ICAO and relevant stakeholders on a quarterly basis.

New format to report internally

Challenges of AES

IT encountering difficulties to store the app on server

Converting IATA code into ICAO code is time consuming



Progress of mitigation measures

15 measures were identified in the Seychelles Action Plan

| Sustainable Aviation Fuels | |
|--|---|
| Sustainable Feasibility Study for Sustainable Aviation Fuel (SAF) | <p>2023 -2025</p> <p>Ongoing</p> <p>Joined ACT SAF</p> |
| Operational Improvements | |
| <p>Improve the use of optimum flight levels</p> <p>Improve the use of optimum routings</p> <p>Efficient departure and approach procedures - PBN/SID and STAR</p> <p>Efficient Departure and Approach procedures - PBN/SID and STAR</p> <p>Efficient Departure and Approach procedures – CDO</p> <p>Efficient Departure and Approach procedure CCO</p> <p>Utilize RNAV/RNP Capabilities</p> | <p>2022 -2023</p> <p>Ongoing with implementation of the ATM modernization</p> |





| Operational Improvements | |
|---|---|
| Minimizing Weight - Biodegradable product | 2022- 2023 |
| Minimizing weight - Plastic free flight | Ongoing |
| Market- Based Measures | |
| Voluntary Inclusion in CORSIA | 2018- 2025 Ongoing Domestication of CORSIA with the assistance of UKCAA and KCAA |
| Installation of LED | 2023 – 2025 Ongoing 100% lights at the International terminal is now LED. 80% lights at the Domestic terminal is now LED. 100% lights at the cargo terminal is now LED. Airfield approached and threshold lights in now 100% LED. Replacement for other airfields is for 2024 - 2025. |



Supplemental Benefits

Reduce Energy Demand and Preferred Cleaner Energy Sources

2024 - 2026

Ongoing

Conversion of GSE to cleaner fuels

2024 – 2025

Ongoing

Electrically operated ground vehicles

2018 – 2026

Ongoing

Consultation with the department responsible for electrical and technical services (ETS) at the airport and the Seychelles Energy Commissions

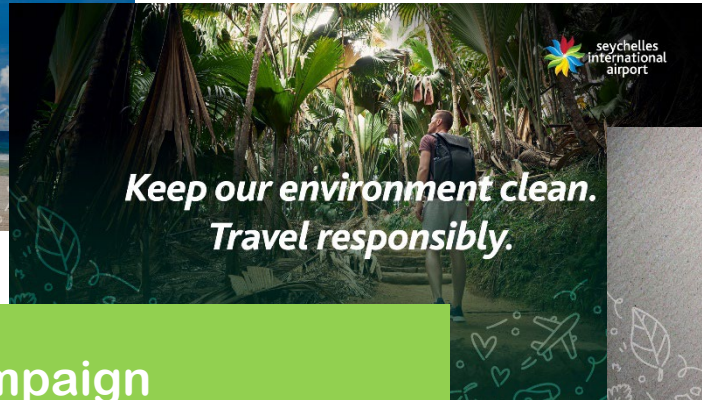


Challenges related to the implementation of mitigation measures

- Difficulties to get all members to participate in meetings
- Government is still familiarizing with the environmental agenda for aviation.
- Domesticating international requirements
- Budget



2023 Environmental Achievements



Green Campaign




Makes a plsdgs and
we'll plant a tree for you!



Virtual Environment
Pledge Wall




The graphic features a green background with various environmental icons like leaves, a recycling symbol, a lightbulb, a wind turbine, and a hand holding a plant. A QR code is centered for users to access the pledge wall.



CELEBRATING
World
Environment Day

#BEATPLASTICPOLLUTION




The poster has a green background with a collage of environmental symbols including a recycling symbol, a lightbulb, a wind turbine, a hand holding a plant, and a map of Seychelles. The text is in white and blue.



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and Caribbean
(NACC) Office
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(SAM) Office
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Central African
(WACAF) Office
Dakar

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North Atlantic
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(MID) Office
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Southern African
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(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU