

@ICAO SAP 10TH ANNIVERSARY

Do you have an innovative idea related to climate change that can change the continent and the whole world?

Are you in primary or secondary school OR Are you studying towards a qualification related to climate change, energy management, architecture, environmental science, engineering etc.?

Are you passionate about designing airport or aviation facilities that reduce climate impacts through green innovative measures?

Are you between the ages of 12- 35 years?

If this sounds like you then **APPLY** to be one of the Young INNOVATORS for the ICAO AFI Region!

For more information:



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“Young INNOVATORS for green solutions in aviation”

The proposed green innovative solutions should be safe, feasible, efficient and reasonable for specific airport or other aviation facilities and it must meet any airport or aviation installation with the appropriate design standards.

HOW TO APPLY

Apply now on:

<https://www.icao.int/ESAF/env-protection/Pages/AFI-SAP10-Regional-Contest-2021.aspx>

Deadline for applications is

July 31, 2021

MIDNIGHT UTC TIME



ICAO

WHO SHOULD APPLY?

- You are a citizen of a State in the ICAO ESAF and WACAF Regions;
- You are in primary or secondary school OR You are studying towards a qualification related to climate change, energy management, architecture, environmental science, engineering, any aviation related qualification;
- You are aged between 12-35 years;
- You are comfortable communicating in English or French;
- Entries can be either as teams or individuals;
- You are available to showcase your design virtually on the 8th of October 2021.

CATEGORIES FOR ENTRY

Participants can submit their entries under the following categories:

Ages 12-15 years;

- Write an article about a green innovative solution that can be implemented at an airport. (Max 300 words);

Ages 16-20 years and 21-35 years;

- Propose a green innovative solution(s) for an airport facility;
- Must include the applicable designs that have to be implemented

WHAT IS THE ICAO SAP10?

08 October 2020 marked ten (10) years of the launch of the International Civil Aviation Organization (ICAO) State Action Plan initiative on CO2 Emissions Reduction. Since its inception, the initiative has been a true success with ICAO Member States.

This historic event will be celebrated throughout 2021 in all ICAO Regions under the theme “**10 Years of Making Green Aviation a Reality**”. In order to achieve maximum reach out through the African air transport community, it was agreed that a competition be conducted as a special event to commemorate the SAP 10th (SAP10) anniversary in the Africa-Indian Ocean (AFI) Region.

This initiative is very important in the global context of the climate crisis and the increasing call for more climate action.

WHICH AIRPORT FACILITIES WILL BE CONSIDERED?

Airport facilities to be considered for your green innovative solutions include but are not included to:

- Terminal building(s);
- Runway(s) and taxiways
- Apron and Ground handling facilities;
- Waste management facilities;
- Control Tower;
- Parking lot(s); and
- Hangers.

WHAT INNOVATIVE IDEAS ARE WE LOOKING FOR?

Elements to consider when planning eco-design of airport facilities:

- Siting and Access;
- Power Sources and Energy Conservation;
- Heating, Ventilation, and Air Conditioning (HVAC);
- Aircraft Ground Energy Systems (AGES);
- Emissions- selection of materials for the terminal building that minimize Greenhouse Gases (GHG) and other emissions;
- Mode of transportation;
- Waste Management; and
- Water Management and Conservation.

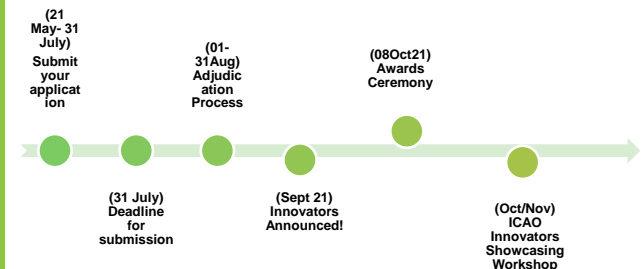
Original ideas are highly recommended

REFERENCE MATERIAL

The ICAO Eco Airport Toolkit:
<https://www.icao.int/environmental-protection/Documents/ecoairports/Final%20Airport%20Eco%20Design%20Overview.pdf>



SCHEDULE



AWARDS FOR TOP INNOVATORS INCLUDE:

- Opportunity to present your idea to ICAO, government leaders and private sector at the one-day showcasing workshop;
- Featuring in a professional video to be shared worldwide that tells your story;
- Showcasing your work on the ICAO Regional social media giving credit to the designers; and
- Recognizing your work.