



# CONNECTING FLIGHT TO A LOW CARBON FUTURE

**PHASE II**  
of the ICAO  
Assistance Project:  
Capacity Building  
for CO<sub>2</sub> Mitigation  
from International  
Aviation.



| ICAO

Project funded by



| European  
Commission

# PHASE I: A NEW ERA IN AVIATION

## READY FOR TAKEOFF: A GREEN TRANSITION IN AIR TRANSPORT

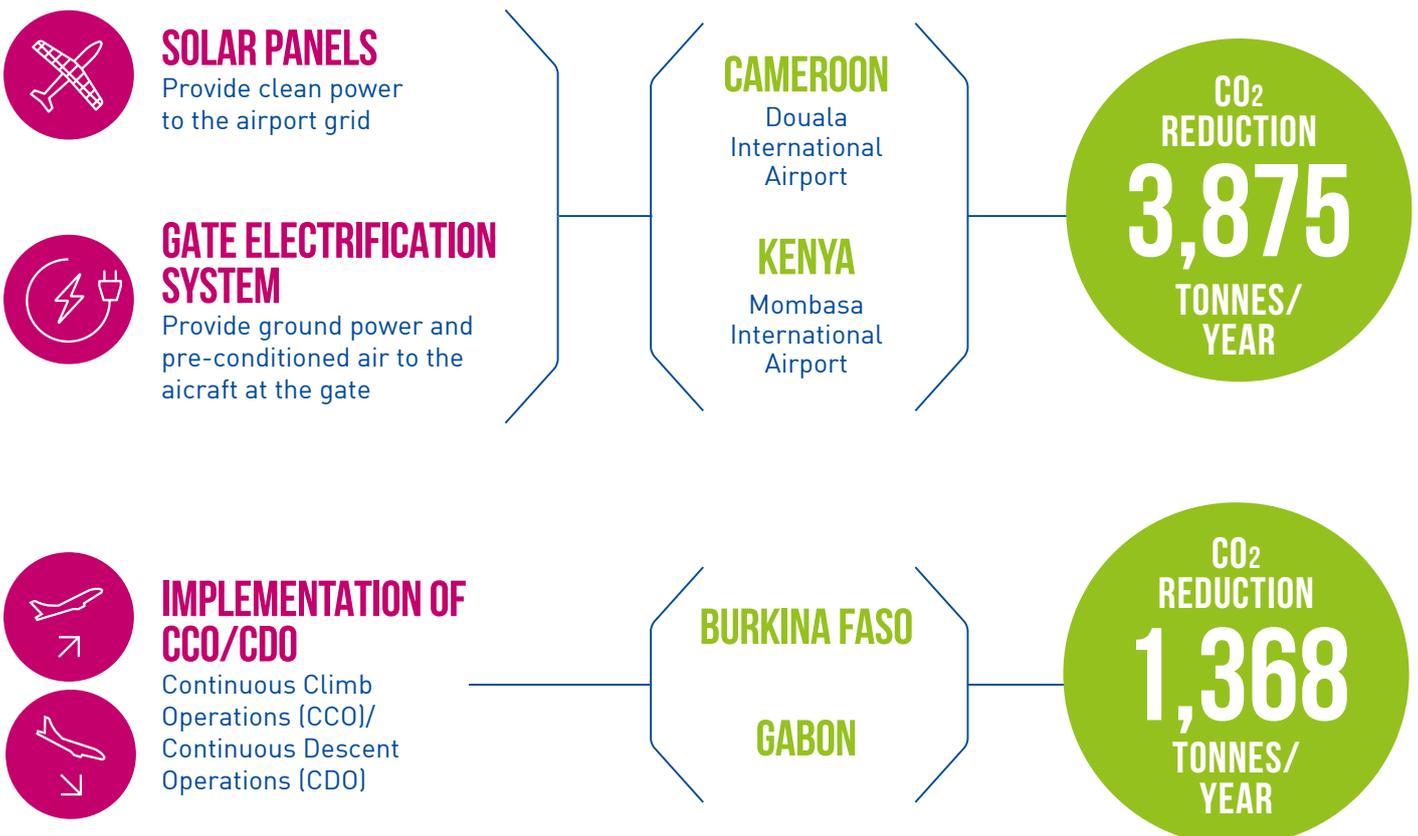
In 2010, ICAO's Assembly Resolution A37-19 was passed to re-emphasize the critical need to address CO<sub>2</sub> emissions in the aviation sector. Aimed at mitigating air transport's impact on climate change, it set out a framework for

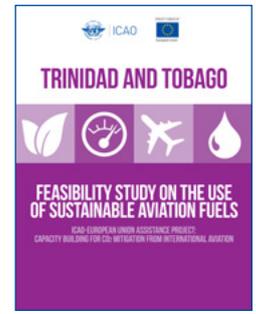
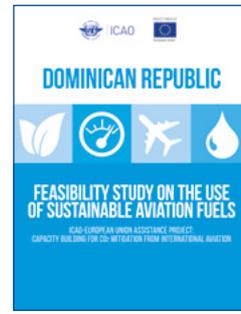
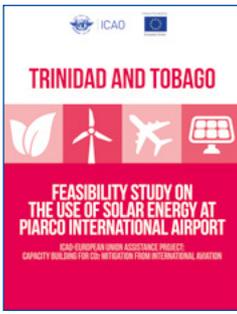
improving global fuel efficiency and prompted countries to adopt State Action Plans outlining national policies and measures to reduce aviation's carbon emissions and lead the transition to cleaner skies.

## A SMOOTH LANDING: PHASE 1 OF THE ICAO-EUROPEAN UNION PROJECT

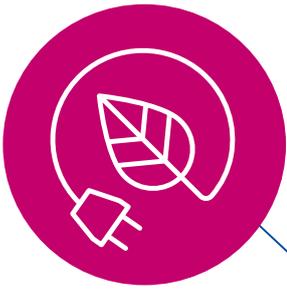
To optimize the outcome of the global environmental strategy and broaden its reach, the International Civil Aviation Organization (ICAO) launched the first Phase of the ICAO Assistance Project with European Union funding: **Capacity Building for CO<sub>2</sub> Mitigation from International Aviation** in 2013. Supporting fourteen States

in Africa and the Caribbean, the four-year project provided direct assistance in the development of States' Action Plans as well as guidance in the implementation of emission reduction measures. An overwhelming success, Phase I met and even exceeded all of its initial targets before completion in 2019.





## FEASIBILITY STUDY on the use of renewable energy to power airport operations



TRINIDAD & TOBAGO

## FEASIBILITY STUDY on the development of sustainable aviation fuels



DOMINICAN REPUBLIC

TRINIDAD & TOBAGO

BURKINA FASO

KENYA

“THANKS TO THE ICAO EUROPEAN UNION PROJECT, WE HAVE BEEN ABLE TO WORK CLOSELY WITH THE MAIN STAKEHOLDERS IN AVIATION TO PREPARE KENYA’S ACTION PLAN AND TO DEVELOP A MONITORING STRATEGY FOR CO<sub>2</sub> EMISSIONS REDUCTIONS.”

Captain Gilbert Macharia Kibe,  
Director-General, Kenya Civil Aviation  
Authority

# CONNECTING SUSTAINABLE FLIGHT: TRANSITIONING FROM PHASE I TO PHASE II

Following the achievements of Phase I, ICAO has launched Phase II of the *Capacity Building for CO<sub>2</sub> Mitigation from International Aviation* project and development of State Action Plans for 10 States in Africa, funded by the European Union. Phase II will scale up the impact of climate change mitigation measures by implementing capacity-building activities that further support the development of low-carbon air transport and contribute to environmental sustainability. The second phase has a total cost of EUR 1.5 million.

# PHASE II: CAPACITY BUILDING FOR CO<sub>2</sub> MITIGATION FROM INTERNATIONAL AVIATION

## PHASE II OBJECTIVES

OBJECTIVE

1

### CAPACITY BUILDING

Improve national capacity of the participating States to develop, update and implement their Action Plans on CO<sub>2</sub> emissions reduction from international aviation in accordance with ICAO recommendations.

OBJECTIVE

2

### ACTION PLANS DEVELOPMENT

Assist the participating States in developing and submitting their State Action Plans on emissions reduction.

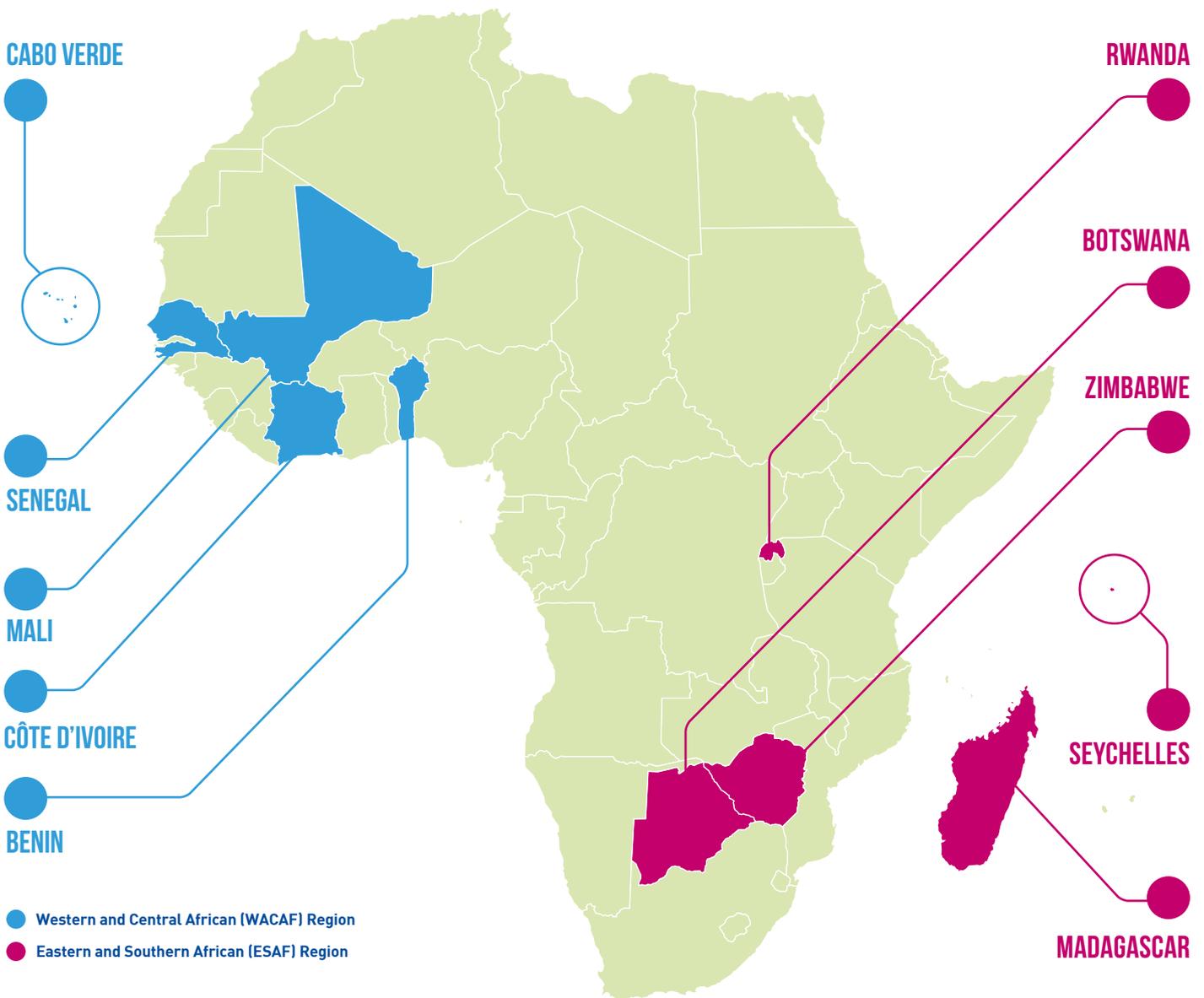
OBJECTIVE

3

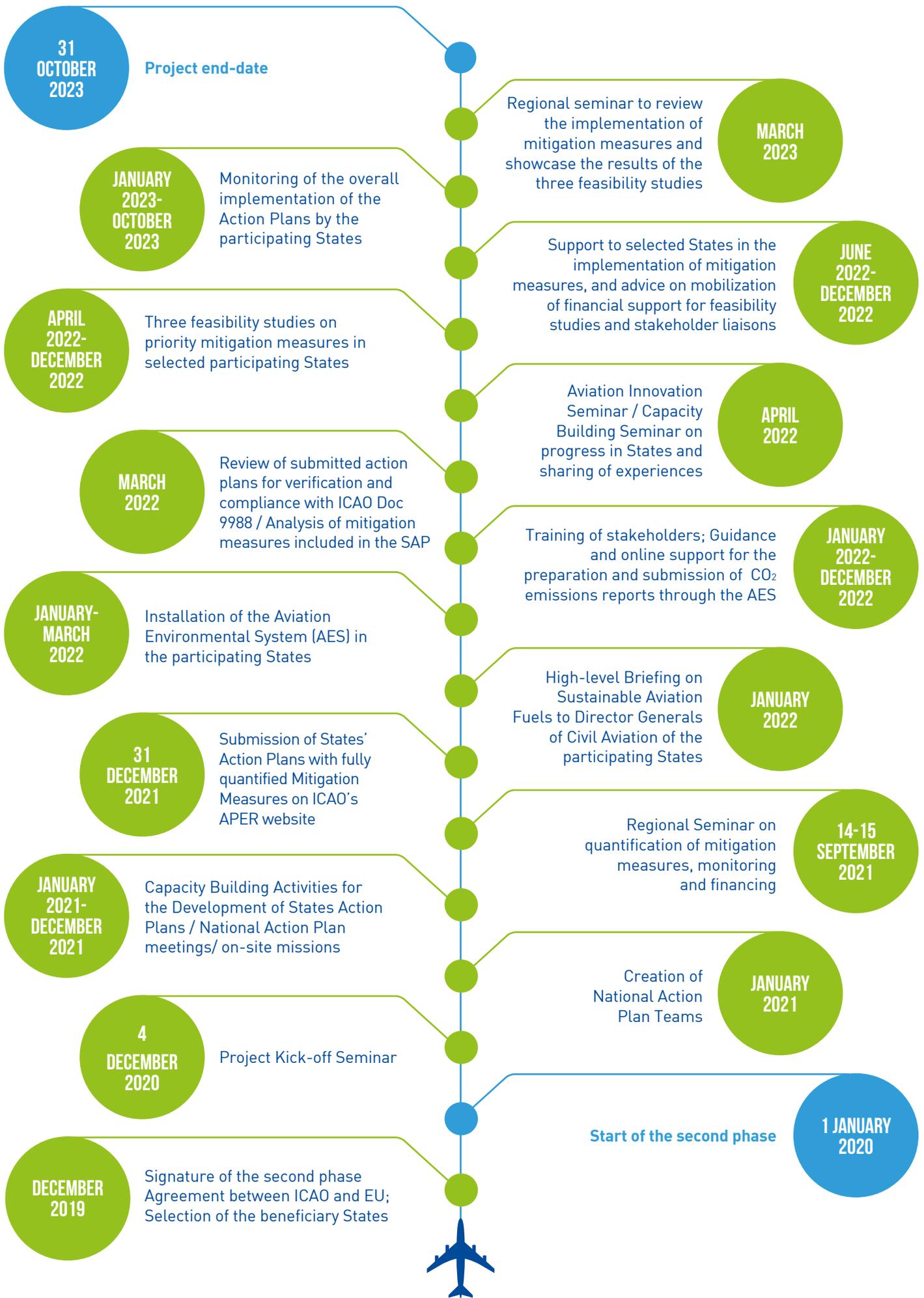
### IMPLEMENTATION OF MITIGATION MEASURES

Assess the mitigation measures selected by the participating States and evaluate their feasibility.

## PHASE II PARTICIPATING STATES



# PHASE II IMPLEMENTATION TIMELINE



# AFRICA AND AVIATION

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ICAO provides ongoing, comprehensive support to participating States as they head down the runway towards low-carbon aviation. From technical assistance to innovative tools, targeted training to capacity building, States receive all the resources they need to lift their aviation sector to the next level.

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## UNITAR ONLINE TRAINING COURSE

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An online training course hosted by the United Nations Institute for Training and Research (UNITAR) / UNCC e-Learn platform. The self-paced course allows all participating States to access the most up-to-date training for capacity building on Action Plan Development and complements the project's other in-person activities.

Visit “International Aviation: Intro to States’ Action Plans to Reduce CO<sub>2</sub>” ([unccelearn.org](http://unccelearn.org)).

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## AVIATION ENVIRONMENTAL SYSTEM (AES)

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The Aviation Environmental System (AES) is installed on the States’ workstations and facilitates the monitoring and reporting of CO<sub>2</sub> emissions. With this information, States can make better decisions about their mitigation measures and take targeted actions to reduce air transport’s environmental impact.

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## STATES THAT PARTICIPATE IN THE CAPACITY BUILDING FOR CO<sub>2</sub> MITIGATION FROM INTERNATIONAL AVIATION PROJECTS WILL

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- Develop their own State Action Plans to advance the future of sustainable air transport
- Equip staff with capacity building training and knowledge about the latest innovations and Sustainable Aviation Fuels
- Strengthen their leadership through tangible actions that address climate change and environmental impact
- Benefit from the best tools available to identify financial opportunities for climate projects in aviation.



## **OUR FINAL DESTINATION**

**Thanks to this  
partnership between  
ICAO and the EU,  
participating States are charting  
a new course in aviation worldwide. Our  
final destination: a greener, cleaner future.**



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For more information on the ICAO Assistance Project with the European Union Funding Phase II, please visit:

[https://www.icao.int/environmental-protection/Pages/ICAO\\_EU\\_II.aspx](https://www.icao.int/environmental-protection/Pages/ICAO_EU_II.aspx)

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