

# Decarbonising African Airports

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THE **VOICE OF AFRICAN AIRPORTS**

# ACI Africa's Commitment to a Cleaner and Greener World

- Airports of Tomorrow – ACI in partnership with the World Economic Forum
- Airports committed to the global aspirational goal to reach net zero carbon emissions under their control by 2050
- How to support global grid decarbonisation?
- How can we incentivise and facilitate airports' access to green finance?
- What are the anticipated energy and infrastructure needs of the airports of the future?
- How can we effectively support the development of viable business cases and partnerships supporting the airports' transition?

# Airports of Tomorrow

- Transportation sector ~ 19% of the global greenhouse gas emissions
- Aviation contributing to ~ 1.8%
- Airport-controlled activities ~ 3% of the aviation industry's total emissions
- 20 megatons of CO<sub>2</sub> emissions per year globally for the aviation industry

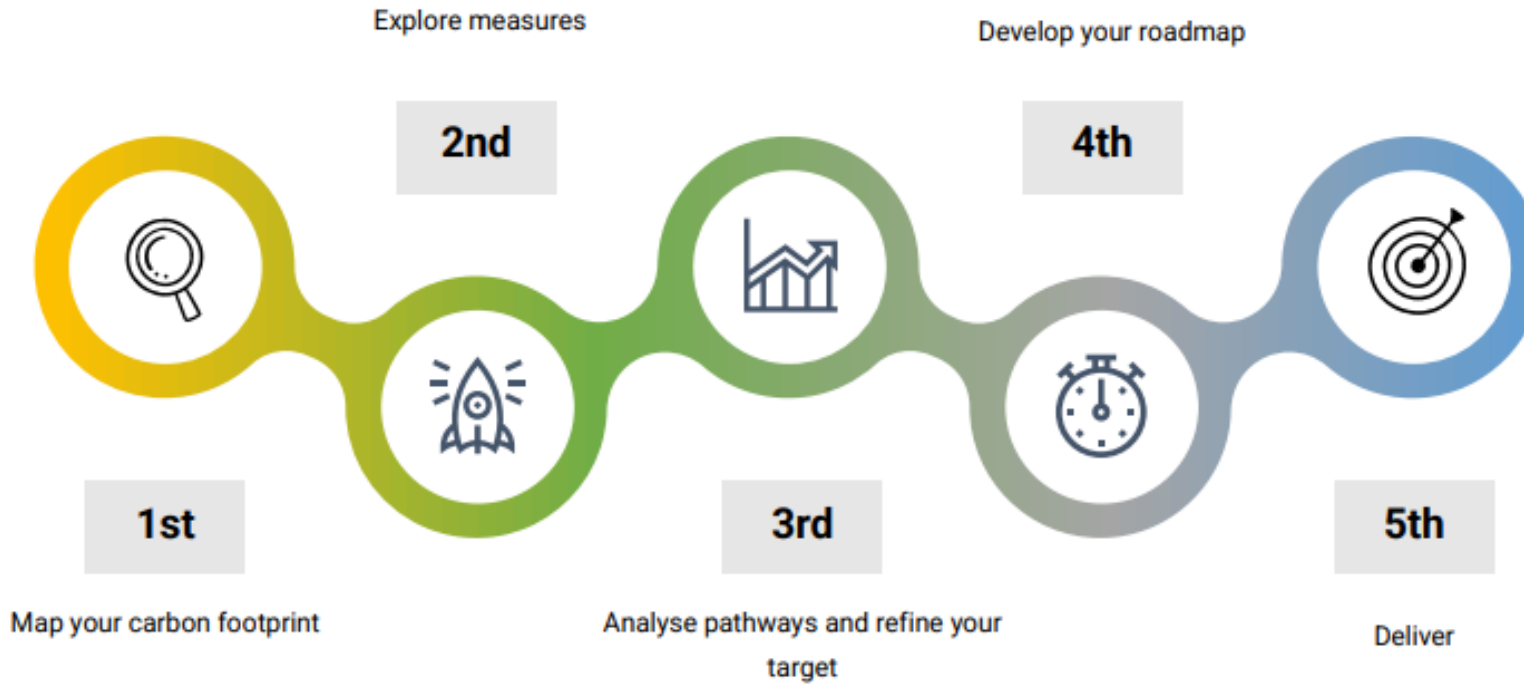
Airports transiting from a Passenger Hub to an Energy Hub in the Future

# The Airport Transition

- Driving economic growth for communities
- Electrification of the airport ecosystem
- Hydrogen hubs at airports
- Sustainable Aviation Fuels

# ACI Airport Carbon Accreditation Program

The global standard for airport carbon management



**66**

in North  
America

**288**

in Europe

**517 Airports Accredited  
Globally**

**61**

in Asia-Pacific

**72**

in Latin America  
& Caribbean

**30**

in Africa

# Level 1 (Carbon Mapping) African Airports

- 14 Airports in 9 countries at Level 1 Mapping (12.4 % of Passenger Traffic in Africa)



- Jomo Kenyatta Intl Airport
- Moi Intl Airport
- Kisumu Intl Airport
- Eldoret Intl Airport



المكتب الوطني للمطارات  
Office National Des Aéroports

- Rabat-Salé Airport
- Fès Saïss Airport



AIRPORTS COMPANY  
SOUTH AFRICA

- George Airport
- Bram Fischer Intl Airport



- Nosy Be Airport
- Antananarivo Intl Airport



- Murtala Muhammed Intl Airport



- Kigali Intl Airport



- St Helena Intl Airport



- Aéroport Intl Gnassingbe Eyadema

# Level 2 (Carbon Reduction) African Airports

- 10 Airports in 7 countries at Level 2 Reduction (20.6 % of Passenger Traffic in Africa)



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- Mohammed V Intl Airport
- Marrakesh Menara Airport



AÉROPORT DE LA RÉUNION  
SAINT-PIERRE PIERREFONDS

- Saint-Pierre Pierrefonds Intl Airport



AIRPORTS COMPANY  
SOUTH AFRICA

- Cape Town Intl Airport
- King Shaka Intl Airport
- Johannesburg OR Tambo Intl Airport
- Chief Dawid Stuurman Intl Airport



Live, Smile and Fly!

- Monastir Habib Bourguiba Intl Airport



- Sir Seewoosagur Ramgoolam Intl Airport



Aéroports du Congo

- Maya-Maya Intl. Airport



## Level 3 (Carbon Optimisation) African Airports

- 3 Airports at Level 3 Optimisation (2.7% of Passenger Traffic in Africa)



- La Réunion Roland Garros Intl Airport



- Mayotte Dzaoudzi-Pamandzi Intl Airport



- Dakar Blaise Diagne Intl Airport

# Level 3+ (Carbon Neutrality) African Airports

- 3 Airports at Level 3+ Neutrality (2% of Passenger Traffic in Africa)



- Félix-Houphouët-Boigny Abidjan International Airport



- Leon Mba International Airport



- Enfidha-Hammamet Intl Airport

# ACI Africa's contribution to the sustainable development of African airports

- Sustainable Aviation Academy



- Environment & Sustainable Development Awards

# THANK YOU



<https://www.aci-africa.aero/>