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# Zimbabwe's

## *Development of a State Action Plan on CO2 Emissions*

*7 Dec 2021*

*Beloved Mupfururirwa  
Chief Airworthiness Inspector  
State Focal Person – SAP CO2*



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## Outline

1. Overview of the national aviation sector
2. State Action Plan on CO2 Emissions
3. Selected Mitigation Measures
4. Expected Results
5. Implementation of SAP



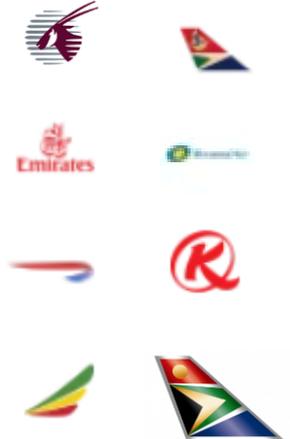
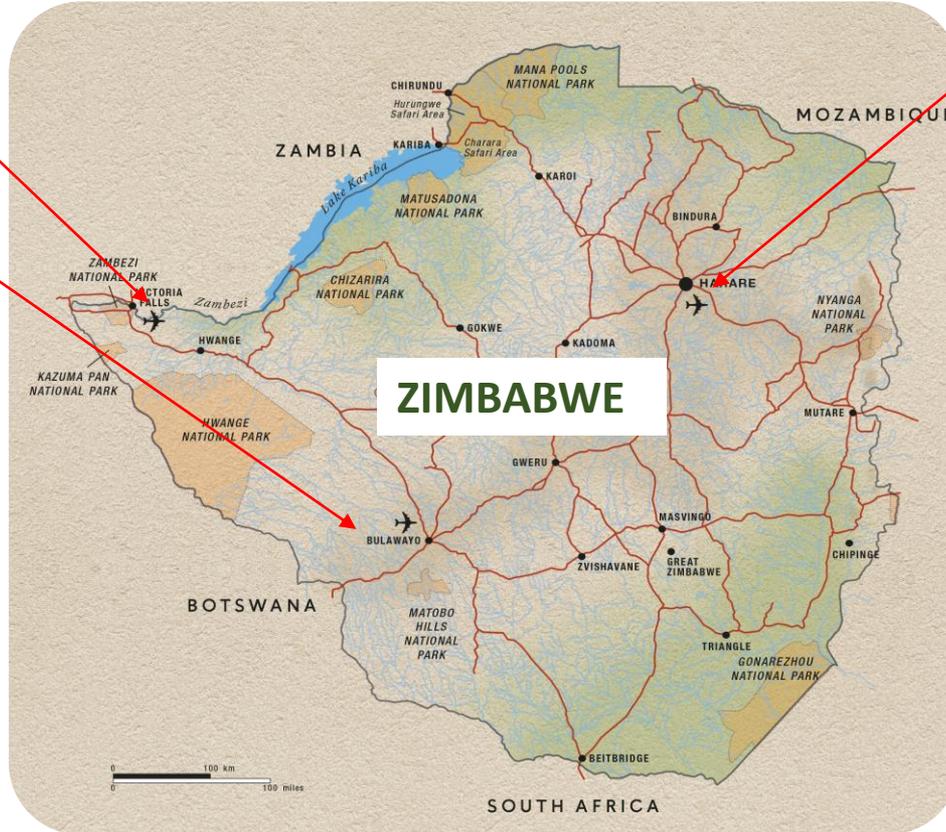
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# 1. Overview of the national aviation sector

**Victoria Falls International Airport**  
Runway – 4,000m

**Joshua Mqabuko Nkomo International Airport**  
Runway – 2,588m

**Robert Gabriel Mugabe International Airport**  
Runway – 4,700m





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## 2. State Action Plan on CO2 Emissions

- Zimbabwe had been one of the States which was yet to submit its SAP on managing CO2 emissions
- It became one of the 10 African States that benefited under the ICAO/EU Project Phase II to assist States to develop a SAP.
- An ICAO consultant has been providing step by step assistance to the State in developing the SAP.
- The job was made easier by the assistance from ICAO



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## 2. State Action Plan on CO2 Emissions

National Action Plan Team



Ministry of Transport  
and Infrastructural  
Development



Ministry of Environment,  
Climate, Tourism and  
Hospitality Industry





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## 2. State Action Plan on CO2 Emissions

- 1 • Creation of the NAPT (February 2021)
- 2 • Determination of Baseline
- 3 • Selection and Prioritisation of mitigation measures
- 4 • Quantification of expected results
- 5 • Identification of assistance needs
- 6 • Drafting of State Action Plan
- 7 • Validation and submission to ICAO (Dec 2021)





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## **3. Selected Mitigating Measures**

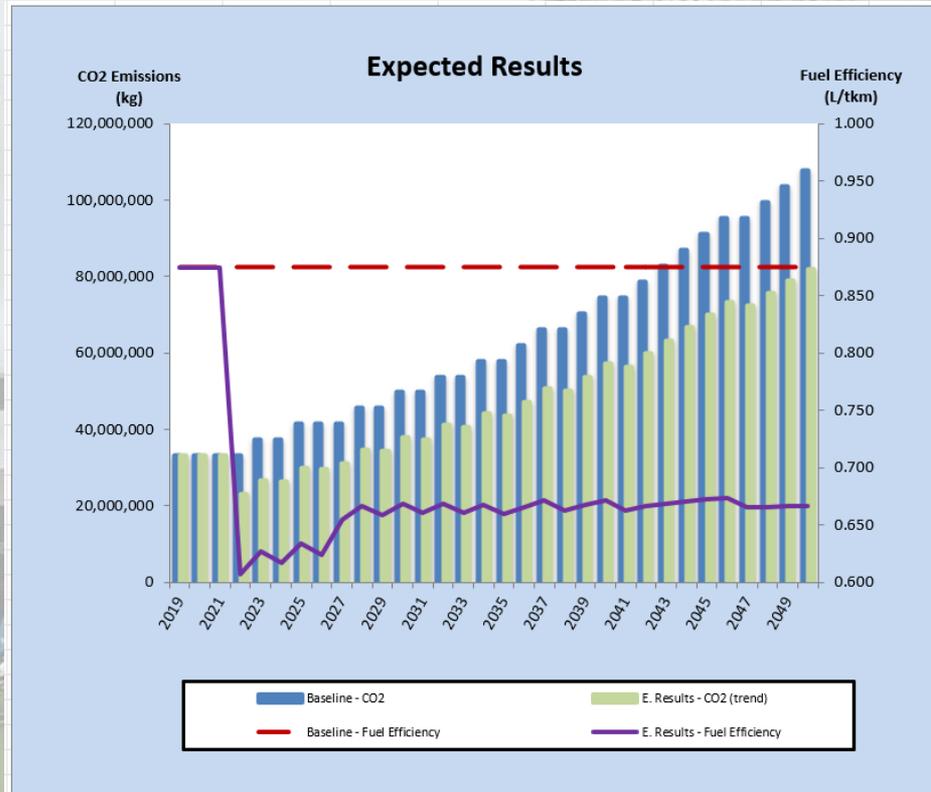
- 1. Aircraft related technology**
- 2. Improved ATM and infrastructure use**
- 3. Operational Improvements**
- 4. Economic Market Based Measures**
- 5. Airport Improvements**





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## 4. Expected Results



**Illustration of the  
expected results  
before and after  
implementing  
mitigation  
measures**



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## 5. Implementation of the SAP

- **CORSIA**
  - Zimbabwe plans to volunteer participation in CORSIA Q1-2022
- **Technical Assistance**
  - Guidance on implementing the SAP/Determining industry best practices
- **Training and Capacity Building**
  - Training of staff/Publicize benefits of environmental protection e.g. this competition
- **Financial Assistance**
  - Sourcing finance for implementing the SAP



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**THANK YOU**