

ACTION PLAN FOR AVIATION DATA COLLECTION PLATFORM

National and
Continental
Levels

Presented by:
Group 4

Date: 16th
May 2025

MEMBERS:

- 1) ABDIFATAH ADAM (Somalia)
- 2) OLOORO Dennis (Uganda)
- 3) PENYIN Theodore (Cameroon)
- 4) Dorothy BALLAH (Liberia)
- 5) Rugema Ian (Rwanda)
- 6) Ibrima BOJANG (Gambia)
- 7) Prince Yonamu (Malawi)

OBJECTIVES

- - Establish a harmonized data collection platform
- - Improve aviation safety, efficiency, and planning
- - Foster regional integration and data-driven decision-making

NATIONAL-LEVEL ACTION PLAN OVERVIEW

- Six core pillars:
- 1. Leadership and Coordination
- 2. Data Audit & Gap Analysis
- 3. Data Management Framework
- 4. Capacity Building
- 5. Regional Integration
- 6. Sustainability & Monitoring

I. LEADERSHIP AND COORDINATION

- - Appoint national focal point
- -Da-ta Providers Designate Focal point person
- Form steering committee (CAA,ANSPs,Airlines,Airports)
- - Align with ICAO & regional frameworks

2. DATA AUDIT & GAP ANALYSIS

- - Map data sources and systems
- - Assess data quality and standards
- - Identify integration and interoperability challenges

3. DATA MANAGEMENT FRAMEWORK

- - Draft national aviation data policy
- - Define roles and responsibilities
- - Establish MOUs, SLAs for data sharing

4. CAPACITY BUILDING

- - Train on data governance, analytics, cybersecurity
- ToTs
- - Strengthen legal frameworks
- - Invest in APIs, dashboards, integration tools

5. REGIONAL INTEGRATION

- - Connect national systems to regional platforms
- - Participate in testing & feedback
- - Contribute to continental KPIs & dashboards

6. SUSTAINABILITY & MONITORING

- - Integrate platform into national plans
- - Allocate dedicated budgets
- - Monitor performance and report to stakeholders

CONTINENTAL-LEVEL ACTION PLAN OVERVIEW

- Five core phases:
- 1. Leadership & Policy Alignment
- 2. Stakeholder Engagement
- 3. Platform Design & Pilot
- 4. Roll-Out & Capacity Building
- 5. Monitoring & Innovation

I. LEADERSHIP & POLICY ALIGNMENT

- - Establish AUC/AFCAC task force
- - Develop continental data policy
- - Secure AU member endorsement
- -Appoint National Focal Point Persons

2. STAKEHOLDER ENGAGEMENT

- - Map national systems & legal readiness
- - Host regional consultations
- - Align with SAATM, AFI Plan, etc.

3. PLATFORM DESIGN & PILOT

- - Design modular, interoperable platform
- - Select hosting & governance model
- - Pilot with selected AU states

4. ROLL-OUT & CAPACITY BUILDING

- - Onboard states in phases
- - Deliver training via regional centers
- - Launch public dashboard for transparency

5. MONITORING & INNOVATION

- - Implement KPIs and audits
- - Secure long-term funding (AU, partners, fees)
- - Use AI & predictive analytics for efficiency

KEY ENABLERS FOR SUCCESS

- - Political will & commitment
- - Legal harmonization
- - Technical interoperability
- - Capacity development
- - Stakeholder collaboration

THANK YOU

MERCI BEAUCOUP