



Future Skies of Africa: SWIM & FF-ICE Implementation Workshop
Protea Hotel-Entebbe, Uganda
2-4 December 2025
Hosts: ICAO, CANSO, Uganda CAA

Event Purpose

A three-day interactive workshop designed to educate and accelerate SWIM and FF-ICE readiness across the AFI Region, aligned with ICAO ASBUs, regional priorities, and ongoing modernization initiatives.

DAY 1: Tuesday 2 December

08:00-09:00

Arrival and Registration

09:00 – 10:00 Setting the foundation

Facilitator / Programme Director

- Opening Remarks:
Uganda CAA: Director Air Navigation Service, Richard Ruhesi
CANSO: Thabani Myeza- Director Africa Affairs
- Workshop Remarks:
ICAO: Ms. Keziah Ogutu on behalf of Ms. Lucy Mbugua, ICAO Regional Director ESAF
- Welcome Address:
UGANDA CAA: Ms. Olive Birungi Lumonya on behalf of Director General Fred Bamwesigye

GROUP PHOTO

10:15-10:45 Networking Break

10:45-13:00

Introductions & Overview of the workshop and outcomes
Nicki Harricharan CANSO Operations Programme Manager

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OUR
FUTURE
SKIES**

canso.org

Presenters:

Wayne Osse, Solace and Chair of CANSO SWIM and FF-ICE

Implementation Workgroup

Raoul Bester Specialist: Aeronautical Information | ATM/CNS Planning and Standards

SWIM as an Enabler for FF-ICE (5-minute break around 12 :00)

- What is SWIM? Key concepts, drivers, requirements
- Global implementation models with focus on the AFI Region
- SWIM Information Service
- SWIM registry
- SWIM governance
- Interactive discussion: defining regional SWIM priorities
- ICAO: Linking SWIM to ASBU and future guidance material

13:00-14:00 -Lunch

14:00-16:00

Building Capability: SWIM Fundamentals & Tools (5-minute break around 15 :00)

- SWIM in Operation: Integrating information services across stakeholders
- SWIM Planning for Africa
- AFI alignment, Annex 3 information services, regional context
- Information & Services: Providers, consumers, flows
- Registries & Semantics: Ensuring interoperability
- Safety, Security & Data Governance (high level)
- Linkages to AFI Regional Projects
- Efficiency improvements, Mombasa Roadmap

16:00 End of Day 1

Facilitators and delegates will recap insights from the day and discuss priorities and adjustments for the Day 2 agenda.

Day 2: Wednesday 3 December

Please note: Day 2 agenda is provisional and may be updated based on the outcomes of the Day 1 closing discussion.

09:00 – 10:30

Tools, Demos & Hands-On Learning

CANSO Tools & Africa Sandbox

Presenters:

Wayne Osse, Solace and Chair of CANSO SWIM and FF-ICE

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- CANSO SWIM Kit Overview – Supporting ANSP planning, governance, and implementation
- Africa SWIM Sandbox Demonstration – Practical data-sharing examples and real-world exchange flows
- ICAO AFI SWIM activities

10:30-11:00 Networking Break

11:00-11:30

Presenters:

Wayne Osse, Solace and Chair of CANSO SWIM and FF-ICE

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- Q&A Dialogue
- Operational environment snapshots
- Common understanding of “information services”

11:30-13:30 (5-minute break around 12 :15)

Interactive Exercises & Hands-On Labs [5-minute stretch break 12 :30]

Presenters:

Wayne Osse, Solace and Chair of CANSO SWIM and FF-ICE

Implementation Workgroup

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- Group exercises: Building sample information flows
- SWIM use case development
- Mini presentations by participants
- Adaptable and iterative labs

13:30-14:30 Lunch

14:30-15:30

Introduction to FF-ICE: Built on SWIM

Presenters:

Jean-Luc Thirion, DSNA, Technical advisor and Chair of CANSO SWIM and FF-ICE Implementation Workgroup (virtual)

Raoul Bester Specialist: Aeronautical Information | ATM/CNS Planning and Standards

- FF-ICE definitions and concepts
- FF-ICE implementation timeline
- ATFM/A-CDM and FF-ICE
- Integration of SWIM and FF-ICE
- Regulatory and organisational readiness
- ASBU alignment and Prerequisite for FF-ICE

15:30-16:00 Networking break

16:00 -17:00

Hands on with FF-ICE

Presenters:

Jean-Luc Thirion, DSNA, Technical advisor and Chair of CANSO SWIM and FF-ICE Implementation Workgroup (virtual)

Raoul Bester Specialist: Aeronautical Information | ATM/CNS Planning and Standards

- Define the functional requirements for implementation of FF-ICE within AFI Region.
- Conduct comprehensive GAP analysis to assess the readiness of AFI States.
- Develop AFI FF-ICE transition Roadmap
- Systems and infrastructure requirements
- Harmonised regulatory amendments required
- Training requirements for stakeholders
- Review & amendment of processes and procedures
- Develop CONOPS for AFI FF-ICE Implementation

17:00 End of Day 2

Facilitators and delegates will recap insights from the day and discuss priorities and adjustments for the Day 3 agenda.

19:00-21:00

Workshop Dinner Venue- Protea Hotel

DAY 3: Thursday 4 December

Please note: Day 3 agenda is provisional and may be updated based on the outcomes of the Day 1 closing discussion.

09:00-10:30

Regional Planning, Procurement & Pathways Forward

Presenters:

Jean-Luc Thirion, DSNA, Technical advisor and Chair of CANSO SWIM and FF-ICE Implementation Workgroup (virtual)

Raoul Bester Specialist: Aeronautical Information | ATM/CNS Planning and Standards

- Tooling deep dive (APIs, registries, semantics)
- Procurement pathways & collaborative models
- Shared services, pooled resources, regional approaches
- AFI-CAD Concept – procurement process on behalf of multiple member states
- Phased procurement approaches

Overarching Principles for AFI FF-ICE Procurement:

- Collaboration over Competition
- Modularity and Scalability
- Sustainability and local capacity building

10:30 -11:00 Networking Break

11:00-11:30

Q&A Dialogue

11:30-13:00

Continuation of Regional Planning & Procurement

13:00-14:00 Lunch

14:00-14:30

Next Steps & Closing Session

Official Closing Session

- Vote of thanks -CANSO
- Workshop remarks -ICAO
- Closing remarks -UGANDA

END OF WORKSHOP