

Progress Report on UPR Trials Towards FRA Implementation – **Focus on WACAF**

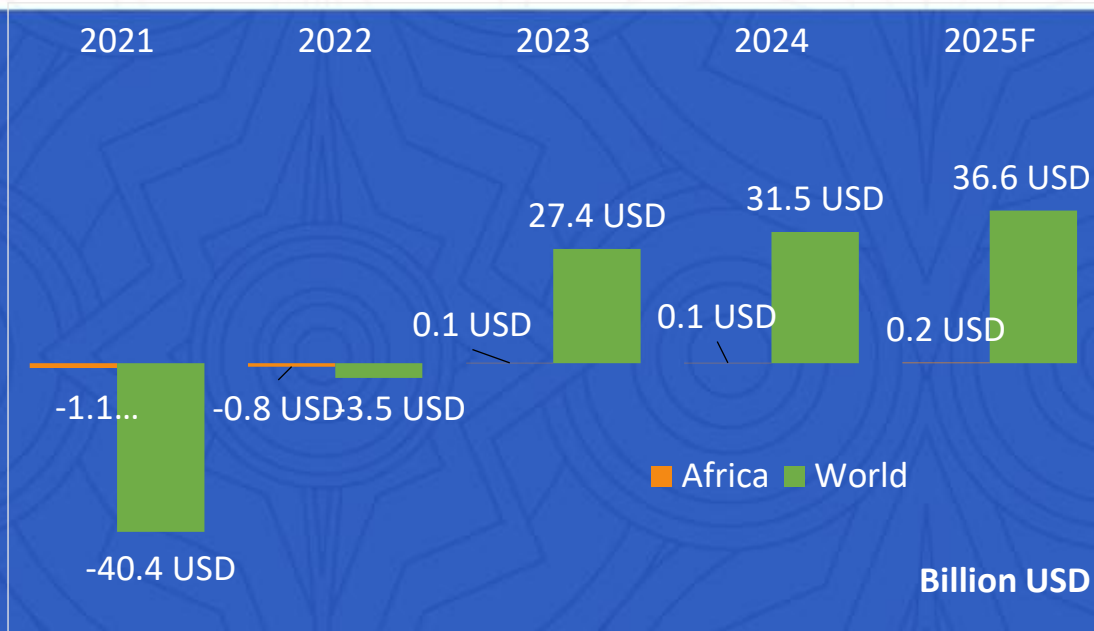
Purpose and Context

- **Update on FRA and UPR implementation in Africa and Indian Ocean (AFI)**
- **Focus on WACAF trials (Nov 2023–May 2025)**
- **Present operational results, coordination, and the path to FRA operationalization**



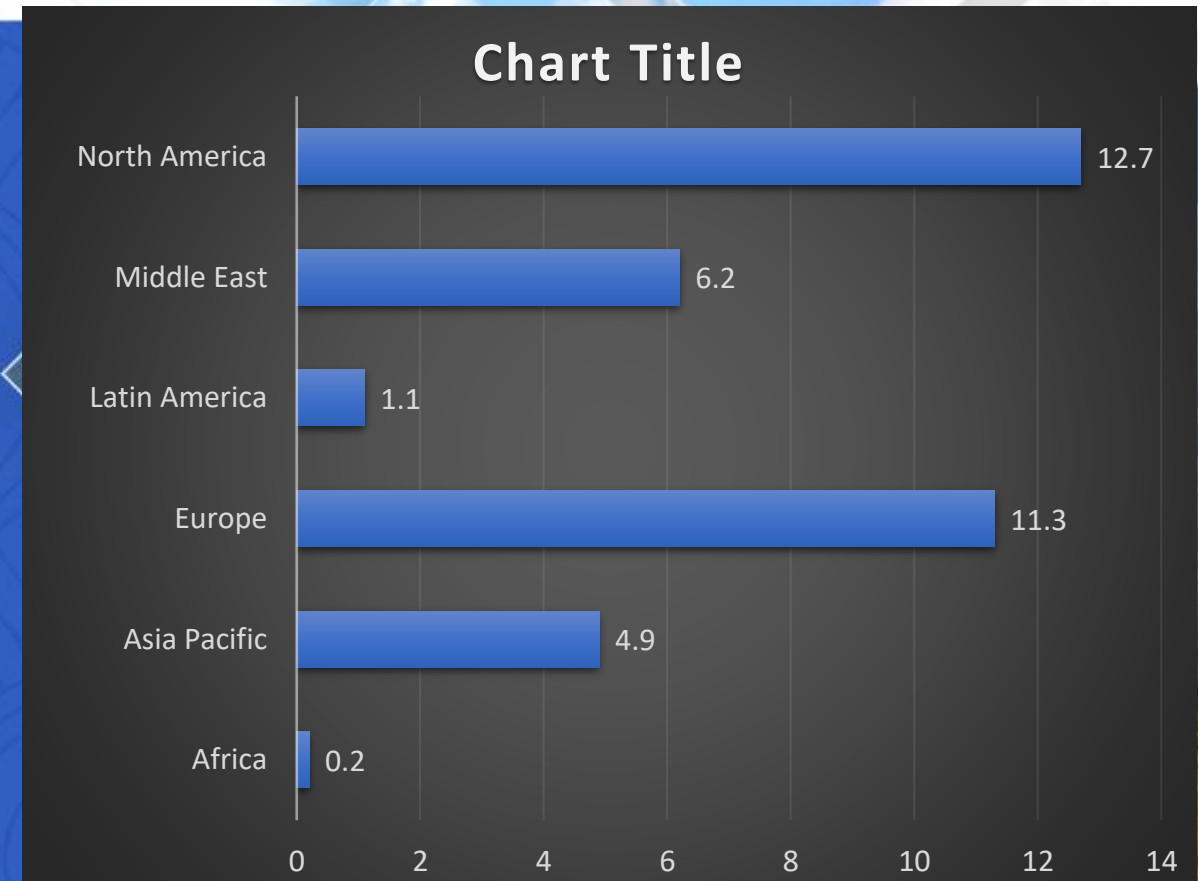
AFRICAN AIRLINES PERFORMANCE

Financial Results 2021 -2025 (For.)



- ✓ GLOBAL Net Profit Forecast 2025: **USD 36.6 Billion**
- ✓ AFRICA Net profit Forecast 2025 : **USD 0.2 Billion**

2025e Net Profit



Source : AFRAA,OAG,IATA Sustainability Economics

INTRA-AFRICAN CONNECTIVITY

Connectivity between African regions June 2025

Africa Regions	Central Africa	Eastern Africa	North Africa	Southern Africa	Western Africa
Central Africa	41%	13%	21%	10%	14%
Eastern Africa		42%	13%	19%	7%
North Africa			72%	3%	33%
Southern Africa				49%	3%
Western Africa					39%

Source : OAG

Strategic References

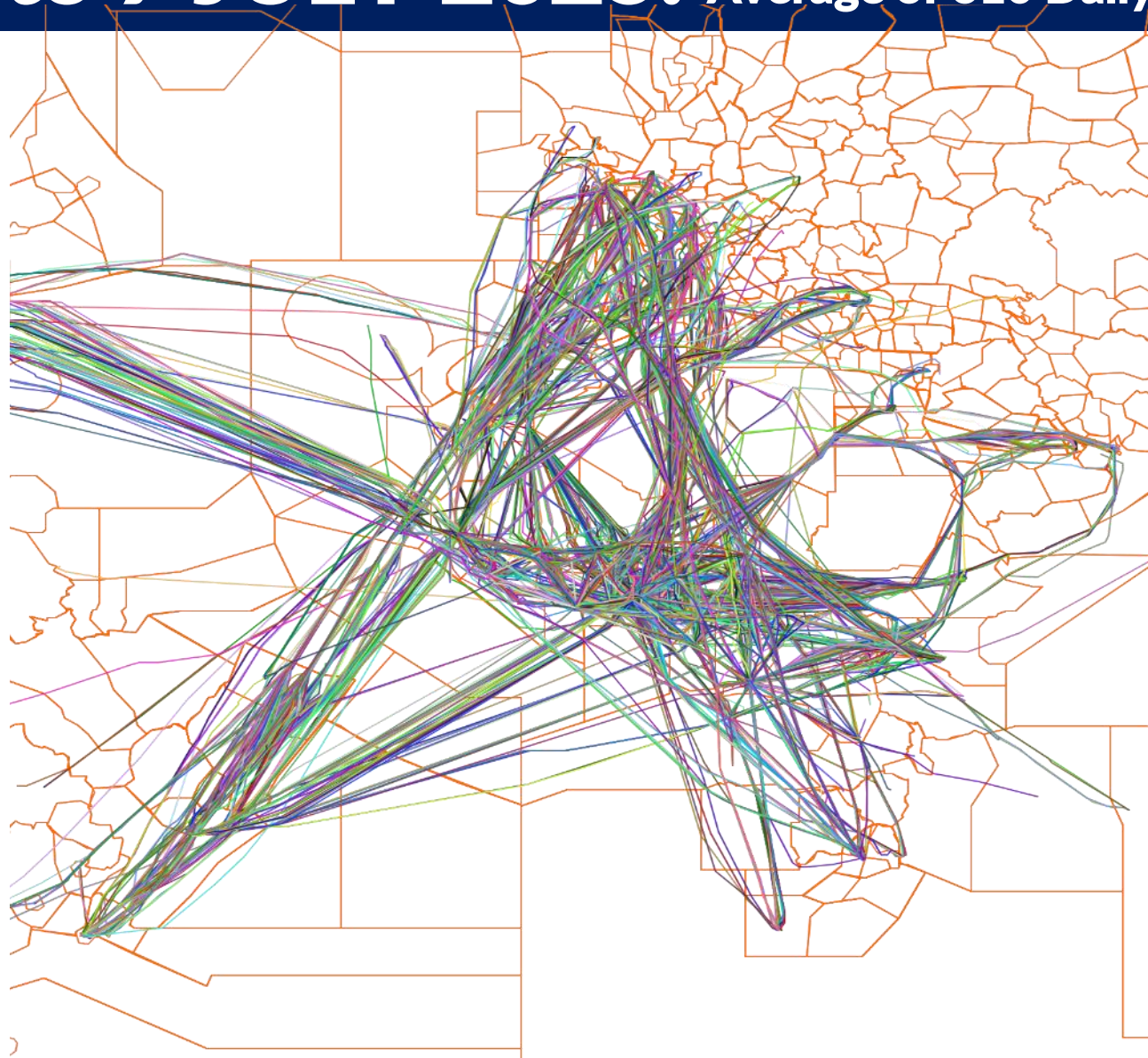
- **Global Air Navigation Plan (GANP): FRTO-B0/1, FRTO-B1/1, FRTO-B1/2**
- **APIRG Conclusions: 22/36, 23/02, 24/14, 25/03, 26/09**
- **AFI Regional ANP and State AIPs**
- **ICAO Strategic Objectives:**
 - **Safety**
 - **Air Navigation Capacity & Efficiency**
 - **Environmental Protection**

All Flights from 1 to 7 JULY 2025: Average of 610 Daily

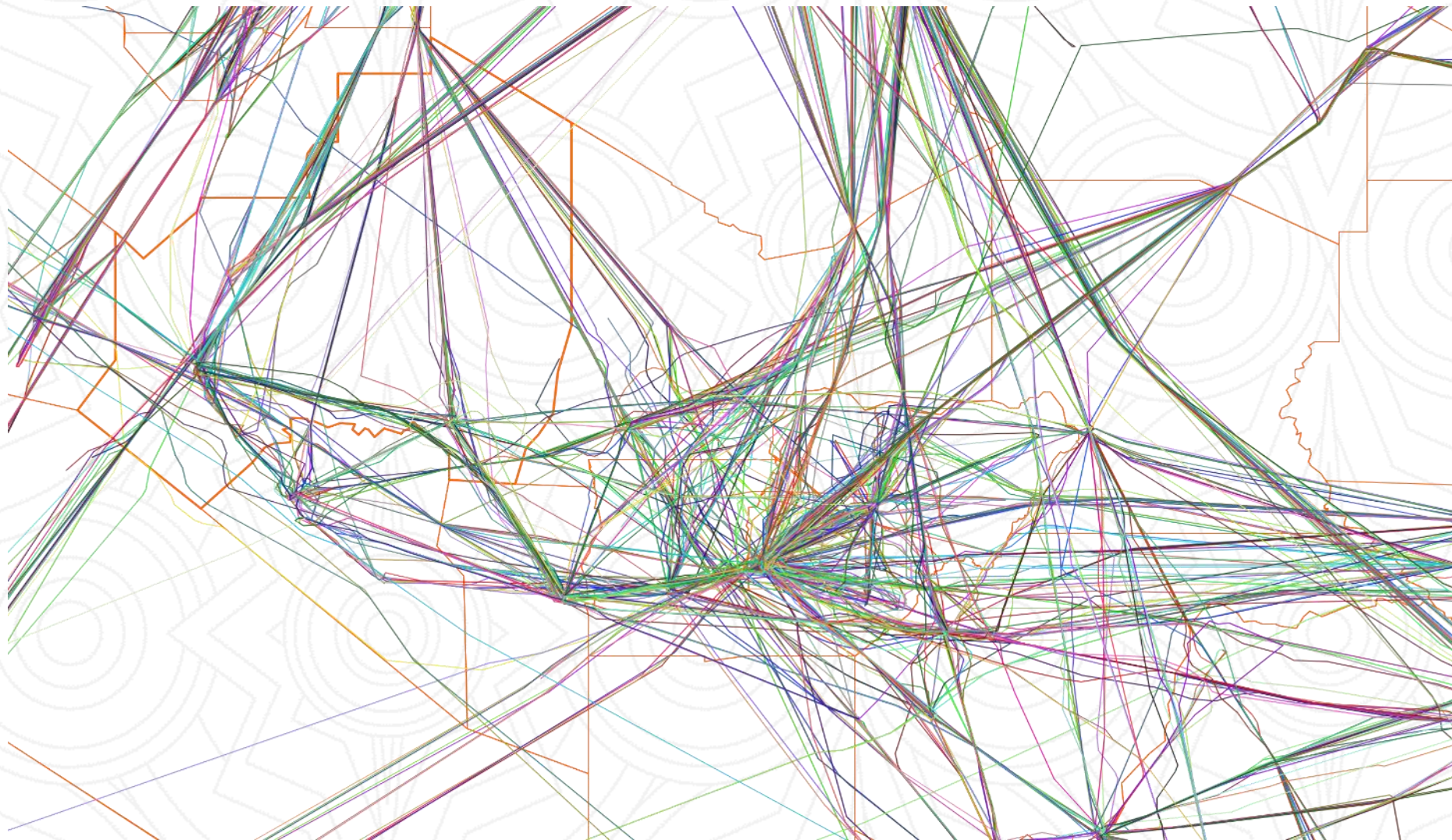


Flights:

- within WACAF
- Africa to WACAF
- Europe to WACAF
- MID and Asia to WACAF
- EUR to SAM through WACAF
- NAM to WACAF
- NAM through WACAF to Eastern and Southern Africa
- MID through WACAF to SAM
- Eastern Africa through WACAF to SAM



All flights on 1st July 2025 (610)



Low Traffic Density in WACAF.

OAG recorded by December 2024:

23,323,428 flights worldwide.

The FAA handled 44,000 daily.

35,000 flights were operated daily in Europe.

In Europe, the Free Route Airspace (FRA) covers 9 million KM².

From 1st to 7th July 2025, 4,275 flights operated from, to, and through WACAF airspace. The WACAF airspace is 9 million KM².

It takes two months for WACAF ANSPs to provide services to the equivalent number of daily flights in Europe.

FRA and UPR Concepts

FRA: Operators plan preferred trajectories between entry/exit points

UPR: Cross-FIR direct routing under controlled trial conditions

Objective: Improve efficiency, flexibility, and environmental outcomes

WACAF Regional Scope

FRA published in six FIRs: Brazzaville, Dakar, N'Djamena, Niamey, Accra, Kano

Preparing: Kinshasa, Roberts, SAL FIRs (Direct Routing)

Phased approach: Tactical directs → DCT → Local FRA → Cross-border FRA

UPR Trial Overview

Period: Nov 2023 – May 2025

- **Lead: CANSO under FRA/UPR PMTs**
- **Secretariat: AFRAA**
- **Coordination ICAO FRA PMT**
- **Airlines: Ethiopian, Kenya Airways, Royal Air Maroc, EgyptAir, RwandAir, Asky**
- **Trial cycles: 1-day, 3-day, 7-day, 30-day, 90-day validation**

Implementation Enablers

Harmonized Navigation Specs across FIRs

- **FRA points & AIP alignment**
- **Civil–military coordination for flexible use**
- **Performance monitoring tools**
- **Reinforced PMTs and real-time coordination tools (CADENA model)**

The Outcome of the Dakar Workshop

WACAF

- **Transition to full UPR deployment (Oct 30, 2025)**
- **30 + UPRs approved**
- **From October 2025, UPR requests will be processed within 48 hours**
- **Regional coordination meeting for cross-border harmonization**
- **From the AIRAC date of June 2026, submit the UPR flight plan and operate**

ESAF

- **ESAF trials to continue**
- **Planned full operationalization by the AIRAC date of June 2026**

Annual Operational Benefits

- **1393** hours total flight time saved
- **5,000** tons of fuel saved
- **16,000** tons CO₂ emissions avoided
- **USD 15** million in fuel cost savings



UPR OPERATIONALIZATION WACAF

1393 hours total flight time saved

- **5,000 tons fuel saved**
- **16,000 tons CO₂ emissions avoided**
- **USD 15 million in fuel cost savings**

CONGRATULATIONS TO ALL FOR YOUR COLLECTIVE EFFORTS!

FIR	AIRSPACE	NOTAM/AIP SUP PUBLICATION STATUS	ATCO SENSITIZATION
Accra	Accra UTA/TMA	Published	OK
	Lome UTA/TMA	Published	OK
Brazzaville	Brazzaville UTA	Published	OK
	Douala UTA	Published	OK
Dakar	Abidjan UTA/TMA	Published	OK
	Bamako UTA/TMA	Published	OK
	Dakar UTA/TMA	Published	OK
	Nouakchott UTA	Published	OK
Kano	Kano UTA/TMA	Published	OK
	Lagos UTA/TMA	Published	OK
Kinshasa	Kinshasa UTA	Published	OK
N'Djamena	N'Djamena UTA	Published	OK
Niamey	Niamey UTA/TMA	Published	OK
	Ouagadougou UTA/TMA	Published	OK
Roberts	Roberts UTA/TMA	Published	OK



Action by the Meeting

1. Note WACAF UPR progress
2. Encourage FRA feasibility studies
3. Support performance monitoring
4. Harmonize NAVSPEC across FIRs
5. Promote regional FRA coordination & civil-military dialogue
6. Sustain transition from trials to permanent operations



THANK YOU