

Flight and Flow Information for Collaborative Environment (FF-ICE) Project Team

Terms of Reference

Mandate

The FF-ICE PROJECT TEAM is established and mandated by APIRG to establish a framework for the launching of FF-ICE Project supporting the implementation of ICAO Standards and Recommended Practices (SARPs) relating to FF-ICE.

Key Objectives

As guided by APIRG is to establish a framework in order to foster the implementation of Flight and Flow-Information for a Collaborative Environment (FF-ICE) enabling the transition to a fully collaborative environment, where a flight trajectory is shared and optimized during all phases of a flight (i.e. trajectory-based operations (TBO) environment), for AFI Region.

Tasks

- a) Analyse and determine the functional requirements for implementation of FF-ICE within the AFI Region using the applicable ICAO Guidance Material.
- b) Consult relevant stakeholders, identify, prioritize and consolidate inputs in order to establish a framework for the launching of the FF-ICE project.
- c) Conduct comprehensive GAP analysis to assess the readiness of AFI States to implement provisions of FF-ICE. Considerations for the GAP analysis will include regulatory amendments required by the state, review and amendments to operational processes and procedures, identification of ATM/CNS systems requirements and training requirements for all involved stakeholders.
- d) Conduct awareness workshops and seminars on FF-ICE developments in the AFI Region.
- e) Develop report on findings for presentation at the AAO/SG and IIM/SG for endorsement at APIRG.

Working methods

The PROJECT TEAM shall convene meetings considering the schedule of PROJECT TEAM activities. It shall make use of available electronic communication means including teleconferencing to prepare and progress its work in between meetings and keep its members up to date on issues of concern, as well as to discuss specific issues.

Composition

The composition of the PROJECT TEAM will consist of technical experts from States, ANSPs, Airspace users and other concerned international organization, coordinated through the Airspace and Aerodrome Operations (AAO) subgroup and the Information and Infrastructure (IIM) Subgroup in accordance with State Letter T 13/19 – 0116 dated 7 March 2024.).

The list of PROJECT TEAM members are listed below:

Country	Name	Tel/Mobile	Email	PROJECT TEAM Designation
Cameroon	Abba Rapaya Souleymanou	+237 697 19 23 72	Souleymanou.rapaya@ccaa.aero	
Kenya	Joseph Muthee Mwangi	+254 725126469	jmuthee@kcaa.or.ke/jmuthee.m@gmail.com	PROJECT TEAM Team member
	Vincent O. Oduor	+254 733257700	vopondo@hotmail.com	PROJECT TEAM Team member
	Farida Cheptoo Mitei	+254 710267594	fmitei@kcaa.or.ke / faridacheptoo@gmail.com	PROJECT TEAM Deputy Chair
Mauritania	Mohammed Abdel Wahab Chessidine	+22241114444/28587249	Sma2708@gmail.com	PROJECT TEAM Team member
	M'Bodj Ibrahima Saidou	+32687249/37373774	Ibrahimambodj129@yahoo.com	PROJECT TEAM Team member
Roberts FIR	Diallo Abdoulaye Bory	+231 770114116	boryballa@gmail.com	PROJECT TEAM Team member
	Phillip Bobson Trye	+231 770454131/ 886887160	pbtrye@robertsfir.org	PROJECT TEAM Team member
Senegal	Moustapha Thioune	+221 338207419 / 00221777909605	thiounemoustapha@hotmail.com / thiounemou@asecna.org	PROJECT TEAM Team member
	Cheikh Ahmadou Bamba Fall	77 7672727 / 772753959	FallChe@asecna.org / fallbamba949@gmail.com	PROJECT TEAM Team member
South Africa	Raoul Bester	+27 82 839 1619	RaoulB@atns.co.za	PROJECT TEAM Lead
	James Davis	+27 66 304 3246	Jamesd@atns.co.za	PROJECT TEAM Team member
Togo	Essosimna Kelewou	+228 92 92 34 34	kherness@yahoo.fr / kelewouess@asecna.org	PROJECT TEAM Deputy Chair

Reference documents

- Global Air Traffic Management Operational Concept – ICAO document 9854
- Global Air Navigation Plan (GANP) – ICAO Document 9750
- Procedures for Air Navigation Services – Air Traffic Management (PANS-ATM) (Doc 4444)
- Manual on Global Performance of Air Navigation Services - ICAO Document 9883
- Manual on Flight and Flow – Information for Collaborative Environment - ICAO Document 9965