



SAFE SKIES.  
**SUSTAINABLE  
FUTURE.**



# ICAO APAC/MID ATFM-FF-ICE Seminar 2025

Dubai, UAE, 23 – 26 February 2025

---

## ATFM New Provisions

**Elie El Khoury**

Technical Officer, Air Traffic Management

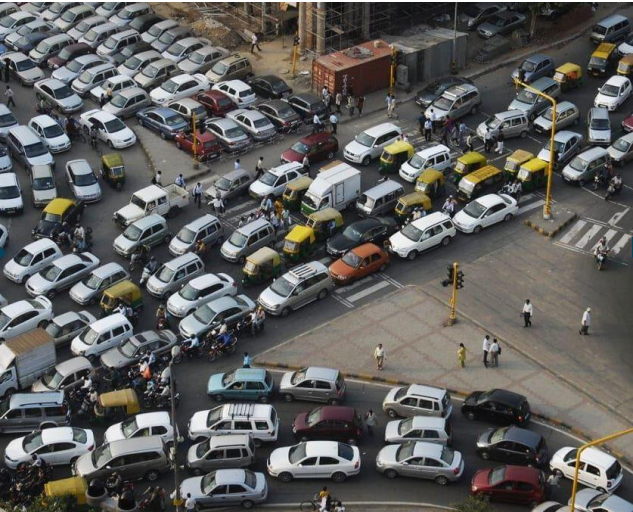
Air Navigation Bureau Regional Coordinator

International Civil Aviation Organization (ICAO)

## Amendment of the ICAO Provisions related to ATFM (Annex 11 and PANS-ATM) and the guidance material in Doc 9971



# ATFM is demand/capacity balancing



# Why ATFM Collaboration?

## Contingencies



# ATFM Provisions - what's new?

## Currently in PANS-ATM

~~ATFM service shall be implemented for airspace where traffic demand at times exceeds the defined ATC capacity.~~

### New Standards in Annex 11

- States shall ensure the establishment of ATFM service that supports cross-border ATFM cooperation.
- Determination and declaration of the ATC capacity in the form of **Strategic Capacity** and **Operational Capacity**.
- Coordination and communication **between ATFM units**;
- Exchange of ATFM information.

### New Recommendation in Annex 11

*ATFM should be implemented on the basis of **multilateral** agreements and where possible as a **centralized** ATFM organization*

# ATFM Provisions - what's new?

- Civil Aviation Regulations

- ATFM unit with defined area of responsibility,

*an ATFM unit may be established as a separate unit or combined with an existing unit, such as an air traffic control unit.*

*The area of responsibility of ATFM units should be related to the need for effective and efficient ATFM services rather than to boundaries established for other services*

- FMPs

*A point of contact designated by an ATC unit to be responsible for coordination with the ATFM unit concerned.*

*A flow management position may be established as a standalone position or combined with an existing position.*

- Determination of **strategic** and **operational** capacities for the controlled airspace and designated aerodromes.

# ATFM Provisions - what's new?

- ATFM service into 4 phases:
  - Strategic planning: 7 days or more
  - Pre-tactical: 1 to 6 days
  - Tactical: on the day
  - Post operations: after
- Information to be provided to ATFM units
- Exchange of information between ATFM units
- Communication of ATFM units with ATS units, FF-ICE services units, operators, aerodromes, etc.
- FPL and eFPL:

*ATC unit receiving FPL message shall distribute it to the ATFM units serving their airspace.*

*The FF-ICE services unit shall ensure that the filed flight plan is made available to all ATS units and ATFM units concerned within its area of responsibility*



# ATFM Provisions - what's new?

## Inclusion of ATFM messages:

### General ATFM information

- Publication or revision of the ATFM daily plan (ADP)
- Activation and revision of ATFM measure
- Cancellation of ATFM measure

### Flow-specific ATFM information

- Re-route flow information
- Level capping flow information
- Cancel ATFM measure flow information

### Flight-specific ATFM information

- Ground delay programme flight information
- Ground stop flight information
- Re-route flight information
- Level capping flight information
- Airborne delay programme flight information
- Cancel ATFM measure flight information

### ATFM measures mitigation information

- Request ATFM measure slot swap
- Request ATFM measure flight calculated take off time (CTOT) adjustment
- Request ATFM measure flight exclusion or re-inclusion
- Request ATFM measure flight manual exemption

# ATFM Guidance - what's new?

## Doc 9971: Manual on...

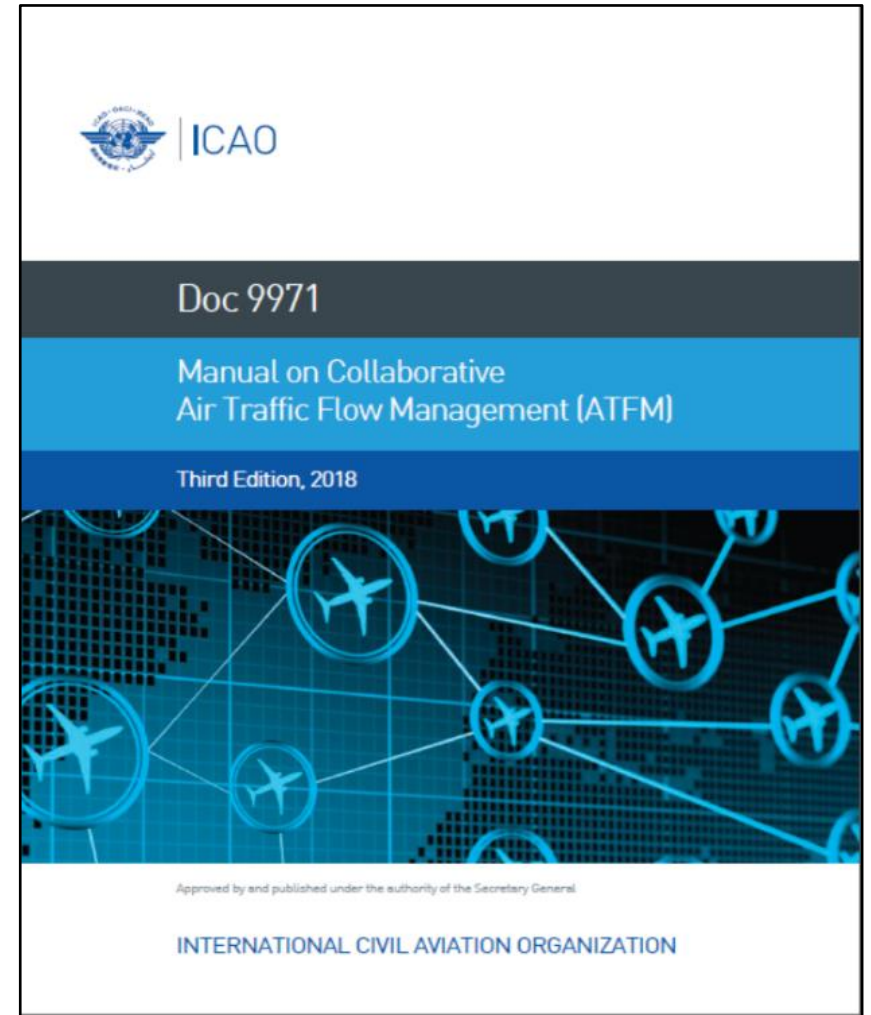
Doc 9971 was published in 2012 (3<sup>rd</sup> Edition in 2018)

Part 1 – Collaborative Decision Making (CDM)

Part 2 – Air Traffic Flow Management (ATFM)

Part 3 – Airport CDM (A-CDM)

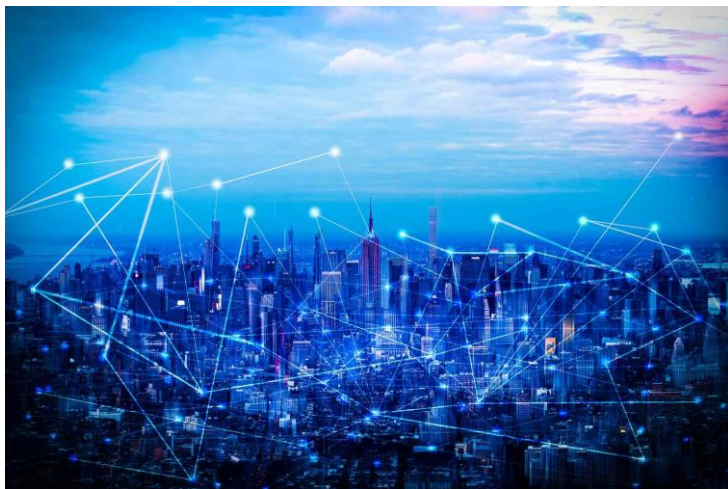
**New Part 4: Operational Handbook**



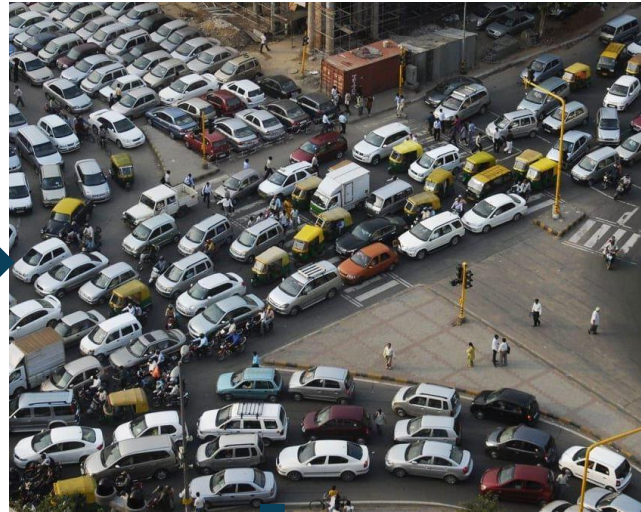


Long Term Objective is to achieve the  
**ATFM NETWORK OF THE NETWORKS**  
For Global Cooperation

ATFM cross-border  
Intra-regional and regional ATFM  
Inter-regional ATFM



# Evolved ATFM



---

# Thank You

