



**EU-South Asia Aviation Partnership Project  
(EU-SA APP)**

*Strengthening the partnership in aviation between the EU and South Asia*

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# The Implementation of Air Traffic Flow Management

## ICAO Doc 9971



**EU-SOUTH ASIA APP**

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**Kathmandu (Nepal), 12 November 2019**

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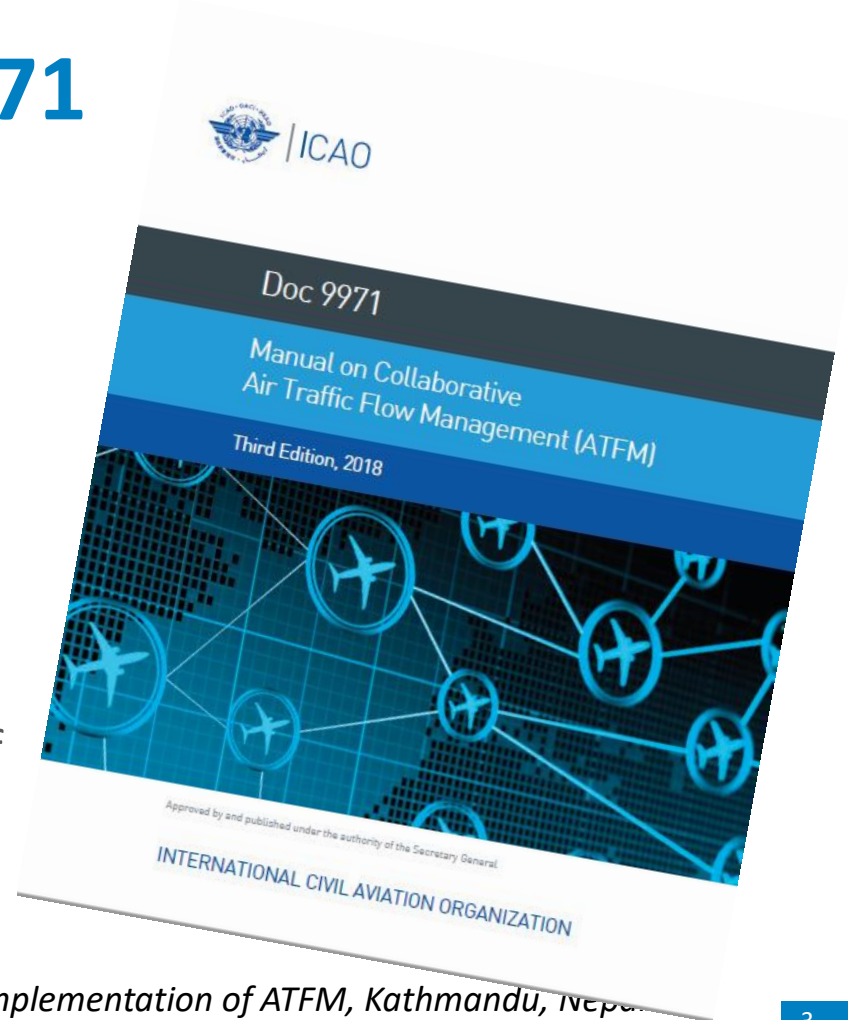
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- ATFM should not be restricted to one State or FIR because of their far-reaching effects on the flow of traffic elsewhere.
- Doc 4444 recognises this important fact, stating that ATFM should be implemented on the basis of a regional air navigation agreement.



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- The far-reaching effects of ATFM and the variety of stakeholders it impacts are so significant, that a regulatory support framework is essential.
- A set of rules and principles governing key aspects of ATFM provisions, ensuring the appropriate involvement of all the relevant stakeholders.



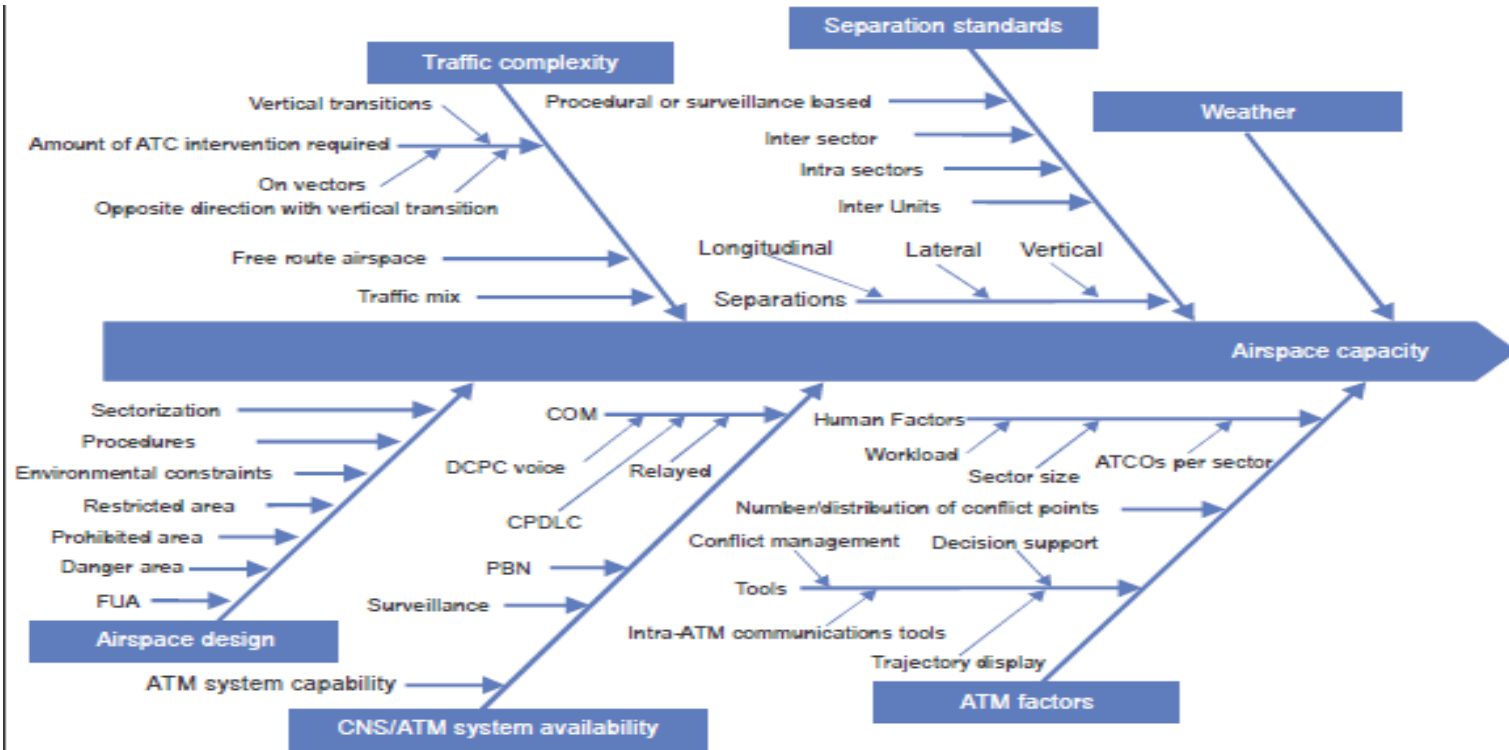
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- LIST OBJECTIVES AND PRINCIPLES
- THE BENEFITS OF ATFM
- OPERATIONAL NEEDS OF AN ATFM SERVICE
- COLLABORATION AND ADVANCE NOTICE
  - the notion of collaboration and of advance notice should underscore the entire ATFM strategy. The ATFM solutions should be collaboratively established, in advance, by the ATFM units and all relevant operational stakeholders.

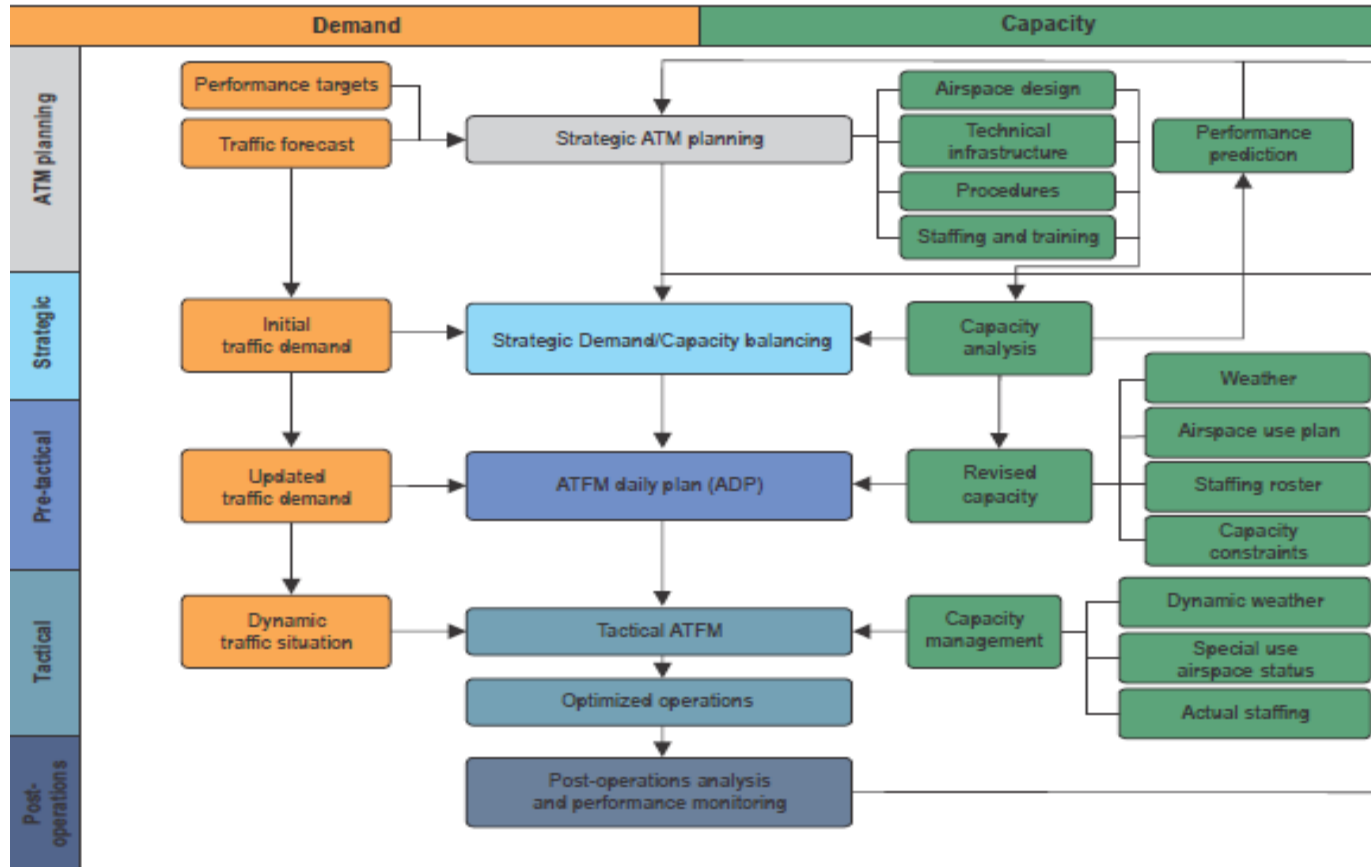
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- The CDM process is a key enabler in any ATFM strategy, allowing for the sharing of all relevant information among decision makers and supporting an ongoing dialogue between the various stakeholders throughout all phases of flight.

→ **DETERMINING THE CAPACITY OF AN AIRSPACE SECTOR AND AIRPORT**, factors affecting airspace capacity



## ATM planning and ATFM phases



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## → ATFM SOLUTIONS

- Managing traffic flows means more than simply applying ATFM measures. Flow management entails implementing an ATFM solution, which is the combination of capacity optimization and ATFM measures



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## → ATFM STRUCTURE AND ORGANISATION

## → STATE RESPONSIBILITY AND OVERSIGHT OF ATFM

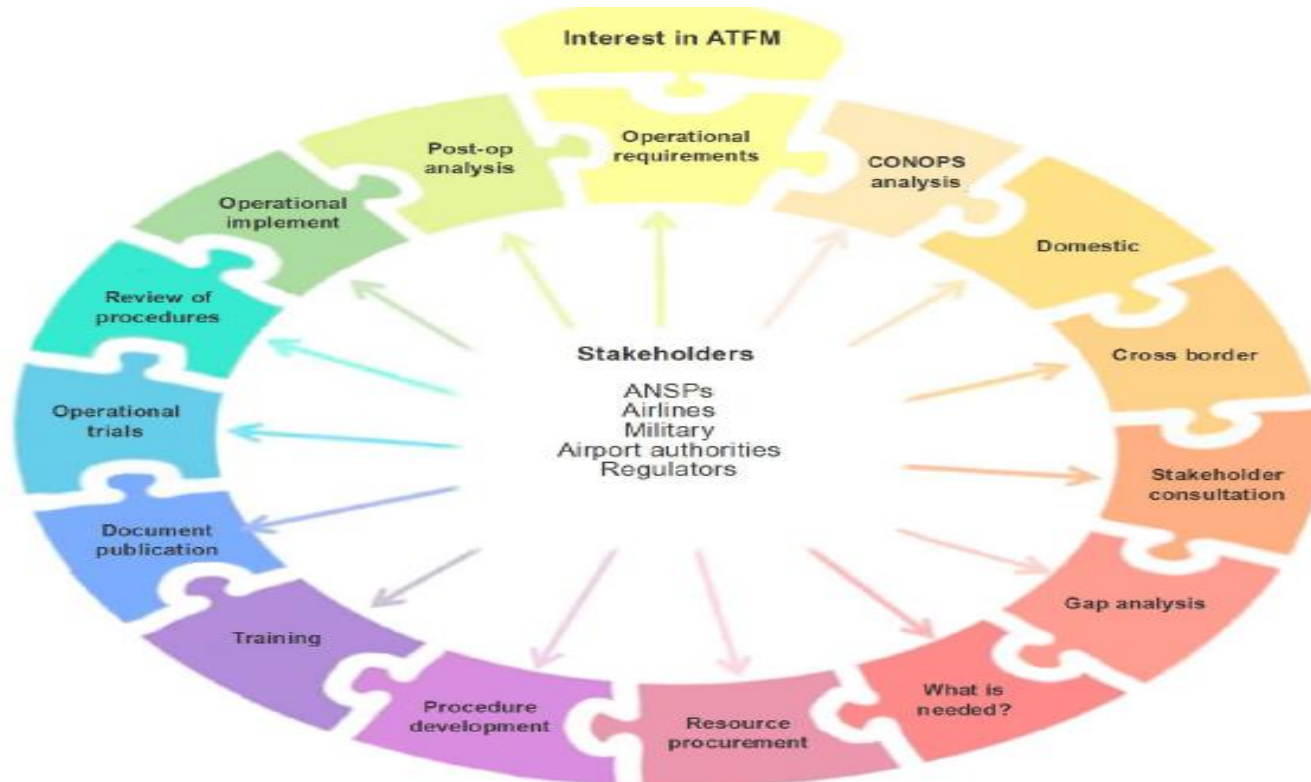
Each State should ensure that an ATFM organizational structure which meets the needs of the aviation community is developed.

## → ROLES AND RESPONSIBILITIES OF STAKEHOLDERS IN AN ATFM SERVICE

## → TRAINING REQUIREMENTS: ATFM TRAINING

## → ATFM IMPLEMENTATION

describing the sequential steps to be undertaken to implement ATFM



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- **STEP 1: IDENTIFYING THE NEED FOR ATFM**
- **STEP 2: REQUIREMENT ASSESSMENT**
- **STEP 3: CONCEPT OF OPERATION ESTABLISHMENT — VARIATIONS FOR EACH TYPE OF ATFM IMPLEMENTATION**
- **STEP 4: GAP ANALYSIS ASSESSMENT**
- **STEP 5: DEFINING REQUIREMENTS**

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- **STEP 6: RESOURCE PROCUREMENT AND PROCEDURE DEVELOPMENT**
- **STEP 7: TRAINING**
- **STEP 8: DOCUMENT PUBLICATION**
- **STEP 9: OPERATIONAL IMPLEMENTATION**
- **STEP 10: POST-IMPLEMENTATION REVIEW**

Thank you for your attention!

<https://www.eu-southasia-app.org/>



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