



A-CDM Part 2

ATFM and ATM

Bahrain A-CDM Seminar

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Overview

Understand how A-CDM relates to ATFM and to ATM.



Plan

- **Why A-CDM and ATFM ?**
- ATFM ?
- ATM

Why ?



Traffic pressure



Hub operations



Connected



Plan

- Why A-CDM and ATFM ?
- **ATFM ?**
- ATM

Speaking of ATFM

Goal

- Understand basic ATFM structures
- Support implementation at national and international level

Objective

- Define the notion of capacity
- Describe the ATFM phases
- Locate the relevant stakeholders

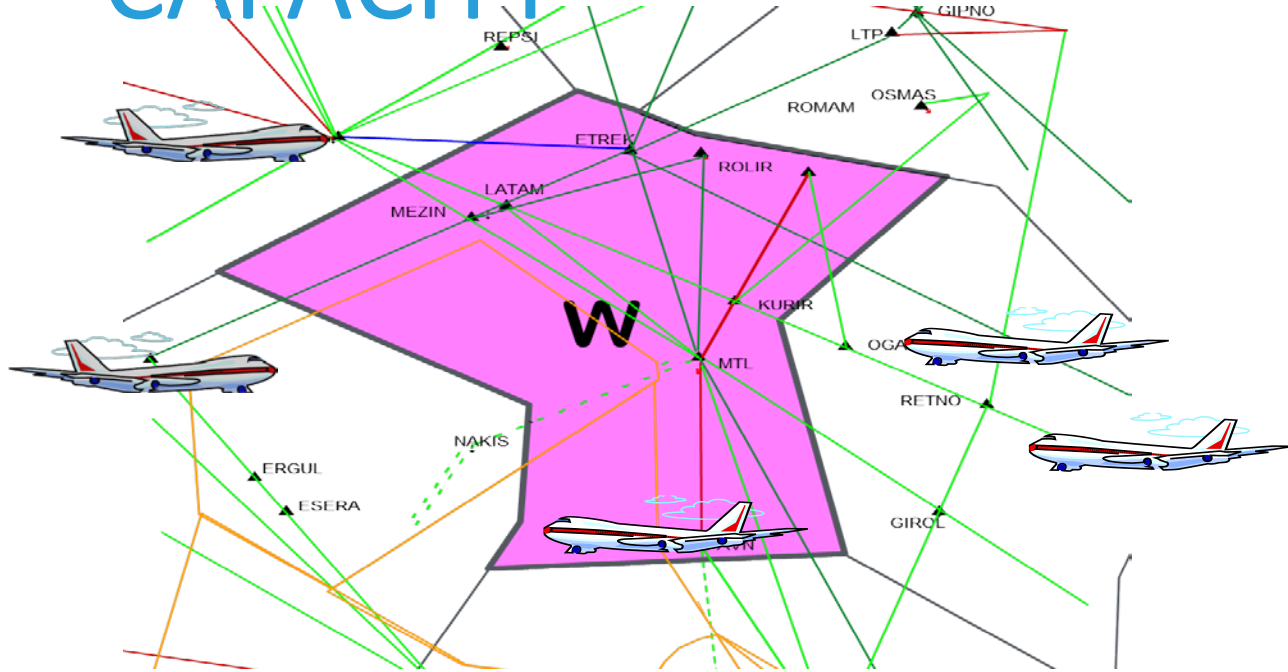
Standard

- ICAO PANS ATM Doc 4444
- ICAO Manual on Collaborative ATFM, Doc 9971

ATFM ?

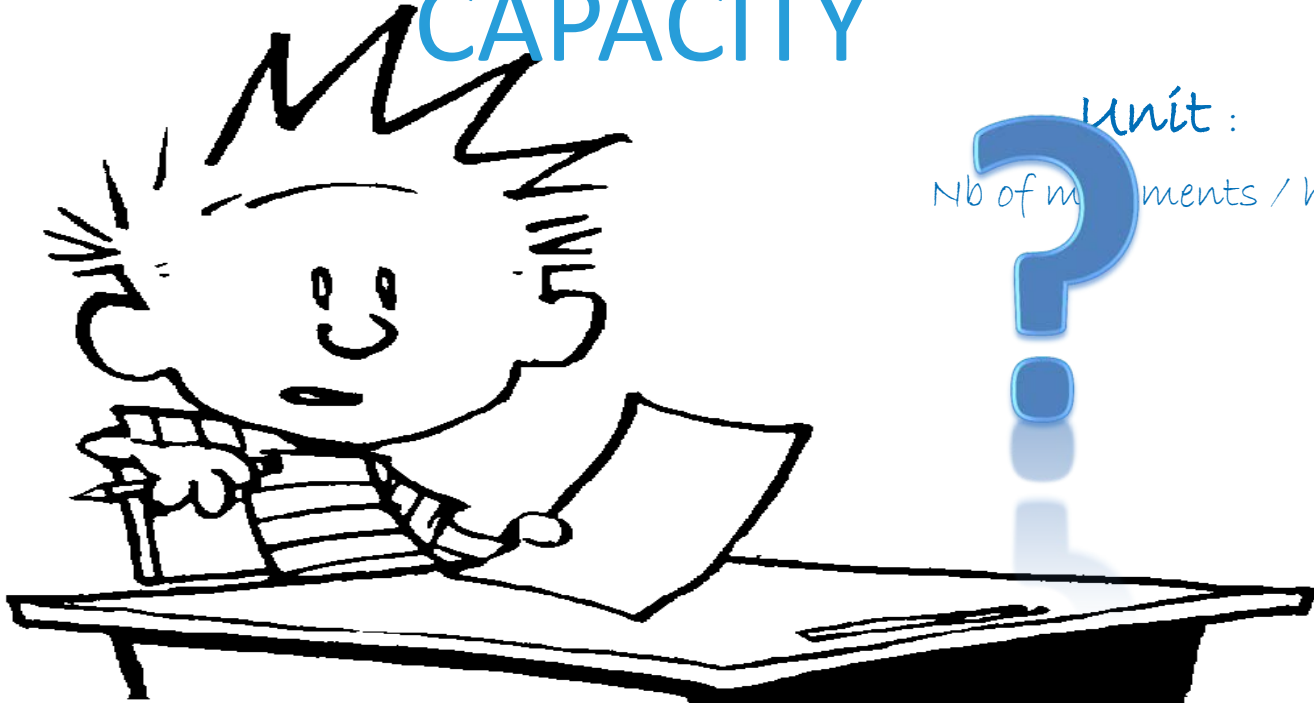
- Animation
- Real life Experience (Funnel and balls)

CAPACITY





CAPACITY



Unit :
Nb of movements / hour

CAPACITY

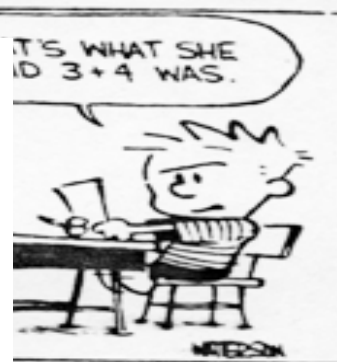


A BILLION

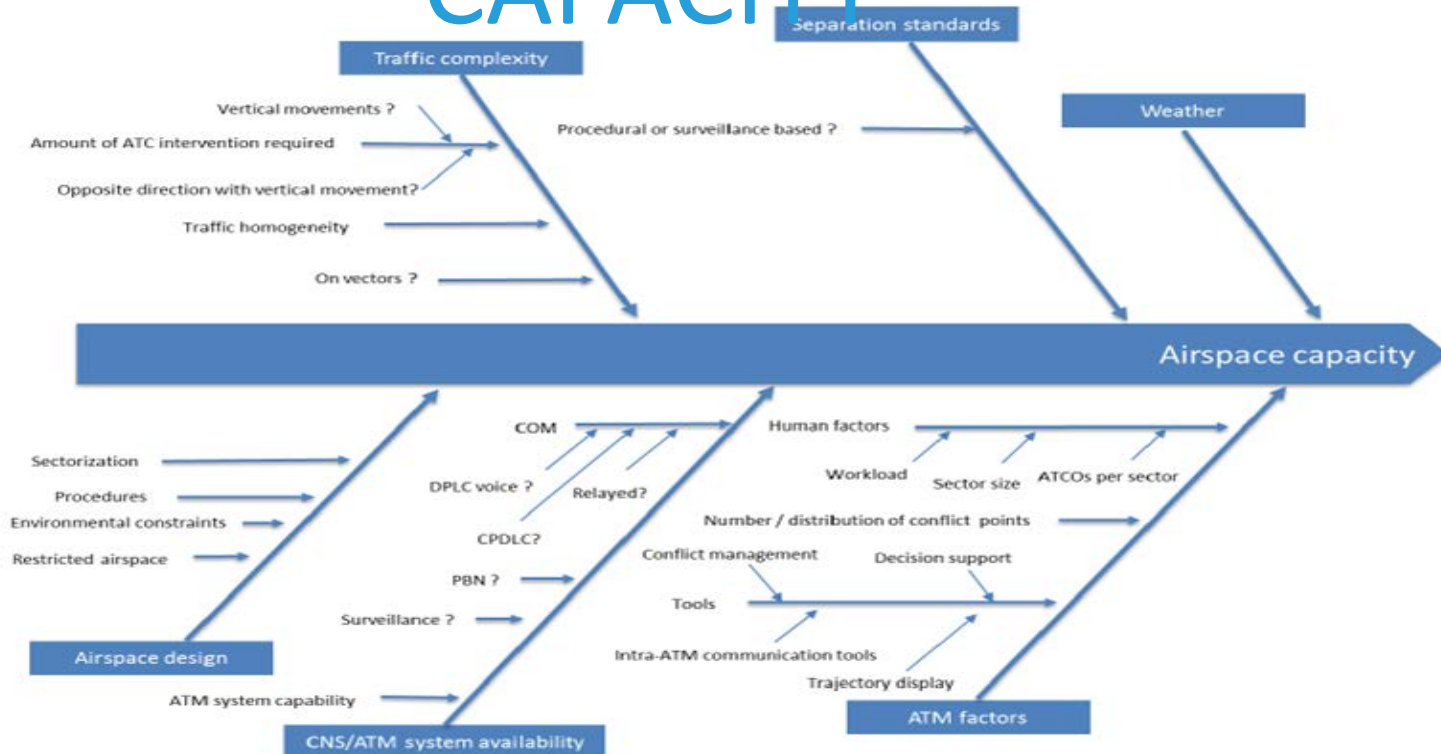
THANKS!

WAIT A MINUTE... THAT CAN'T BE RIGHT.

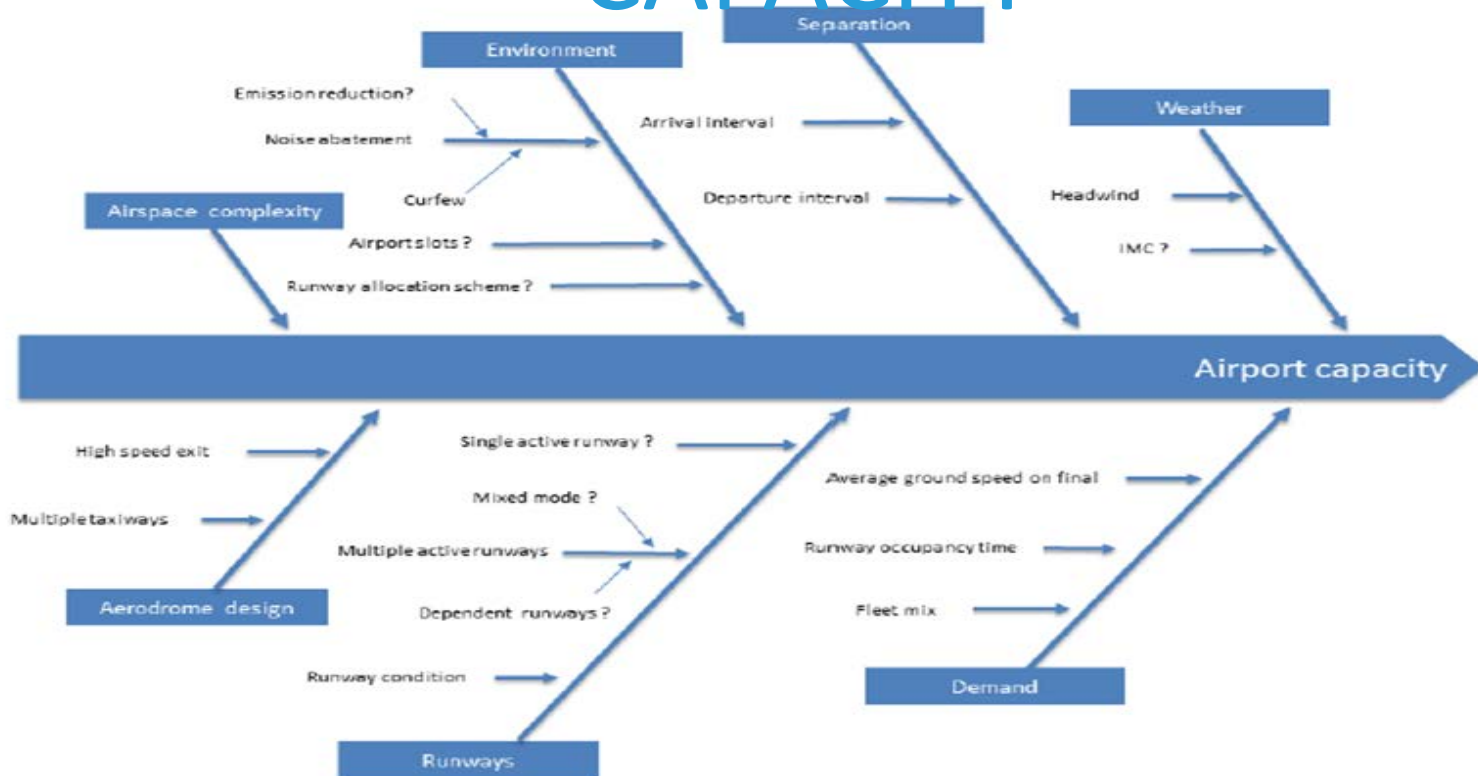
IT'S WHAT SHE SAID $3 + 4$ WAS.



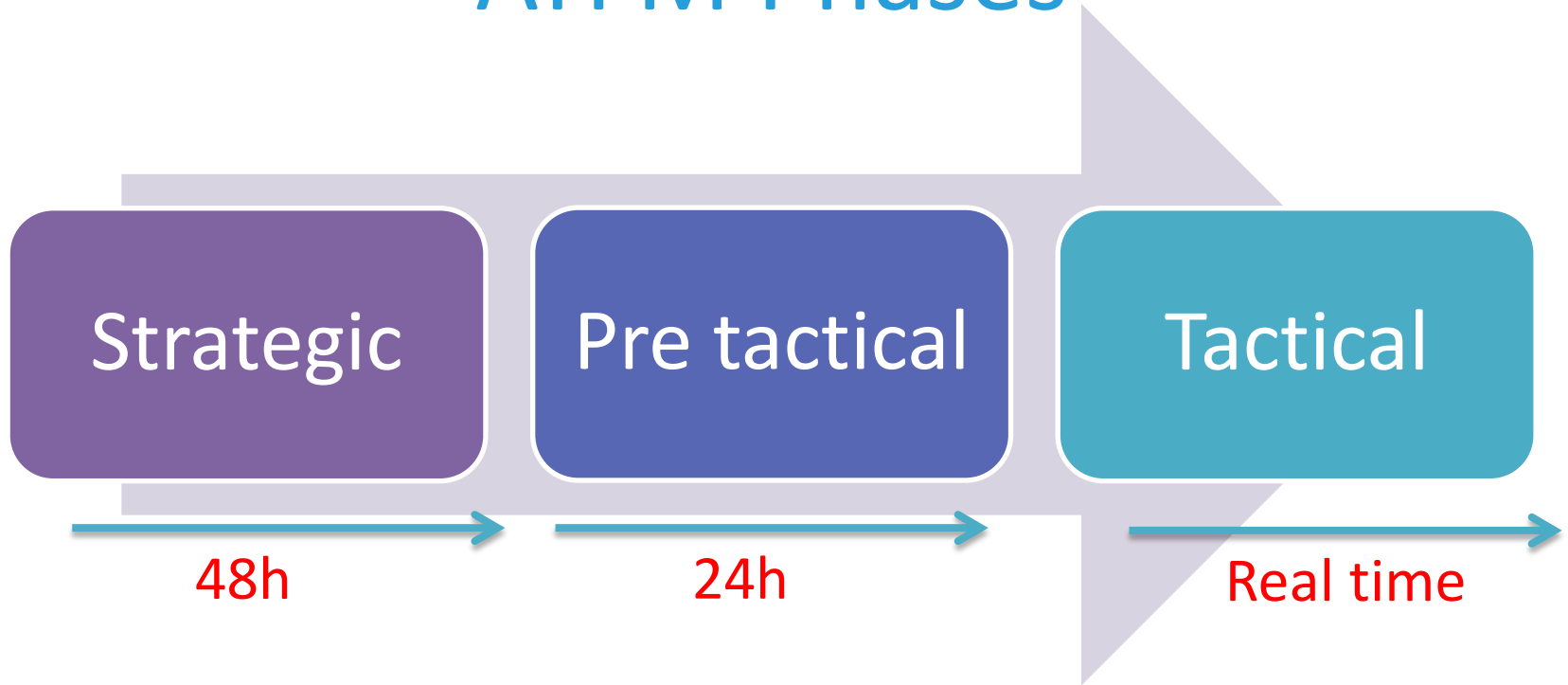
CAPACITY



CAPACITY



ATFM Phases





ATFM Stakeholders



One story for 1000 words

2007 Cricket World Cup Host Countries

1. Saint Kitts and Nevis
2. Antigua and Barbuda
3. Saint Lucia
4. St. Vincent & The Grenadines
5. Barbados
6. Grenada

Jamaica

1. 2.

3.

4.

6.

5.

Trinidad and Tobago

Guyana

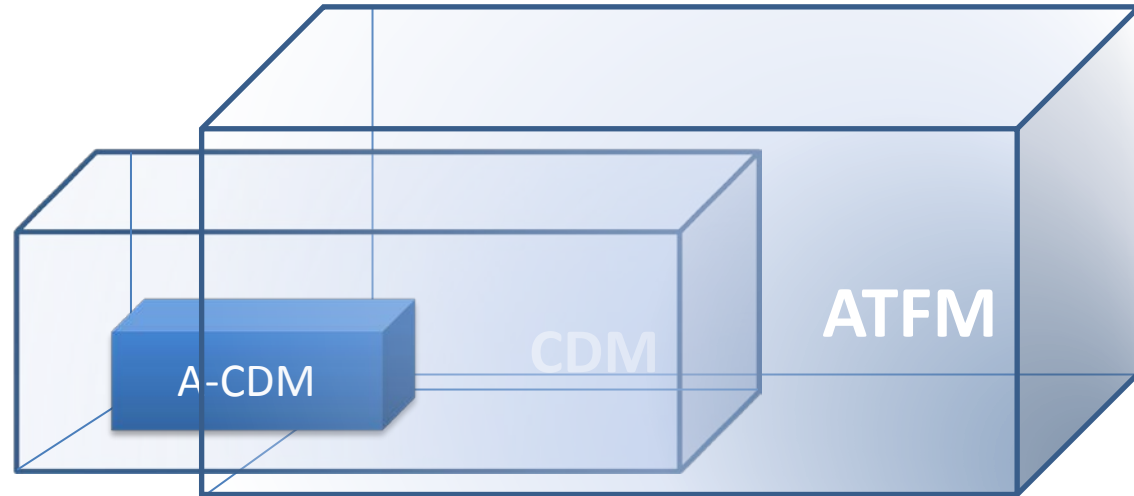




Plan

- Why A-CDM and ATFM ?
- ATFM ?
- **ATM**

A-CDM, CDM and ATFM



ATM = ATFM + ...



...PBN +...



... CCO +...



| ICAO

CAPACITY & EFFICIENCY

Questions ?





THANK YOU

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