A-CDM Basic Principles

Bahrain A-CDM Seminar

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Overview

Understand the basic principles of A-CDM and who can be involved.
Plan

• A-CDM?
• Objectives
• Uses
• Benefits
• Players
A-CDM?

What do you know?
CDM

Collaborative decision-making (CDM) is defined as a process focused on how to decide on a course of action articulated between two or more community members. Through this process, ATM community members share information related to that decision and agree on and apply the decision-making approach and principles.

Foreword

ICAO DOC 9971, Manual on collaborative air traffic flow management
A-CDM ?

State of mind

I need to talk to the others
You could have told me !!!

They could have told us 5 minutes ago !!!

Now ?!?! A runway inspection now ??!?!

WHAT ?!?! If only I had known!

If only they could tell me how many departures they plan...

Where is that firetruck ?!?

Those en route controllers are never happy anyway!

Where is DLH 0743 ???

Where is my fuel ?!?

They could have told us 5 minutes ago !!!

What is this tractor doing ?!?!?

You could have told me !!!

Those en route controllers are never happy anyway!
A-CDM?

…and a process
(philosophy alone does not deliver a result)
A-CDM?

- AIRPORT CENTERED
  - No need for any major structure
  - Small scale project before anything else
  - Can be linked to ATFM (Not compulsory)
simple.
Plan

- A-CDM?
- Objectives
- Uses
- Benefits
- Players
Objectives

- Predictability
- On time performance
- Gate / Stand usage
- Taxiway Apron Congestion
Plan

• A-CDM?
• Objectives
• Uses
• Benefits
• Players
Uses

Irregular Operations

Normal Operations
Plan

• A-CDM ?
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Benefits

Measurable – Demonstrable

- CO2 / NOx
- Fuel Saving
- Taxi time
- Punctuality
Plan

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Actors

- ATC
  - Tower
  - App
  - En route
- Aircraft operators
- Aerodrome Operators
- ATFM Network Operators
Stakeholders

- Other aircraft operators
  - Airlines
  - Charter companies
  - Executive jets (GAT)
  - …
- ATS

- Airport Authority
  - APOC
  - Handlers
  - Gate Managers
  - …
- Fuel
- De-icing
- Weather Service
- AIS

- Aircraft Rescue and Firefighting (RFF)
  - Civil Aviation Authority
  - …

And …

- Local authorities
- Military authorities
- Security agencies
  - …
THANK YOU

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A-CDM?

keep it simple.