Collaborative Decision Making

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Collaborative Decision Making

Some Common Questions:

• What is the definition of CDM?
• How do I know who to involve?
• How do I begin the process?
• What areas should be discussed?
• What information is needed?
• How do we exchange information?
• Is CDM a system (process) or a philosophy?
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What is the philosophy of CDM

- Embraces partnership
- Combines the talents and experience of ALL individuals and organisations
- Facilitates harmonisation and globalisation
  - Domino effect
- Shares values and preferences
- Encourages information sharing and management
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What is the definition of CDM

According to ICAO (DOC 9971)

- 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.

- The overall objective of the process is to improve the performance of the ATM system as a whole while balancing the needs of individual ATM community members.
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Key points to remember

• One size does not fit all
• Used to determine a course of action
  ✓ Decision making approach and principles
  ✓ Active (communication) or Passive (procedural)
• It involves the community
  ✓ Community may change
• Requires sharing information
  ✓ Determining how is critical
• Participants have to “buy-in”
  ✓ Governance rules and shared sacrifice principles must be followed
• Improve system performance – balance individual needs
  ✓ Applies to real-time or long-term activities
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Phases of CDM development:

- Identify a need
- Conduct an analysis
- Specifications and verification
- Performance Case
- Validation and implementation
- Operation, maintenance and improvement
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What are the benefits of CDM

- *Principles are widely applicable*
  - Strategic – investment decision
  - Tactical – day to day ATFM
- *Principles are transferable*
  - Local/Regional
  - Civil/Military
  - Regulation/Operation
- *Universal acceptance/understanding of decision*
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What are the barriers to CDM

"Sometimes I think the collaborative process would work better without you."
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What are the barriers to CDM

- Lack of trust
- Cultural/Language Differences
- Failure to Effectively Communicate
- Business Model Differences
- Preconceived Assumptions/Misconceptions
- Incompatible Technology Platforms
- Political/Economic Differences
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What’s the bottom line?

- Sharing information leads to better decisions
- Common situational awareness levels the playing field
- Diverse stakeholders lead to increased knowledge and understanding
- Building relationships, builds trust
- Jointly developed tools and procedures allow stakeholders to quickly adapt in changing environments
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What are the benefits of CDM

• “Coming together is a beginning, staying together is progress, and working together is success. —Henry Ford
Thank You