

# ICAO AIR TRANSPORT SYMPOSIUM

18 - 20 APRIL 2012



**Strategies and Tools for  
Sustainable Air Transport**





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## Strategies and Tools for Sustainable Air Transport

- **12<sup>th</sup> Air Navigation Conference** (19 – 30 Nov 2012)
  - Will endorse the Global Air Navigation Plan
  - Will endorse the Aviation System Block Upgrades which provide a sustainable future for Aviation Operations and Infrastructure
- **6<sup>th</sup> Air Transport Conference**
  - Will Need to Develop Accompanying Policies to support the Implementation





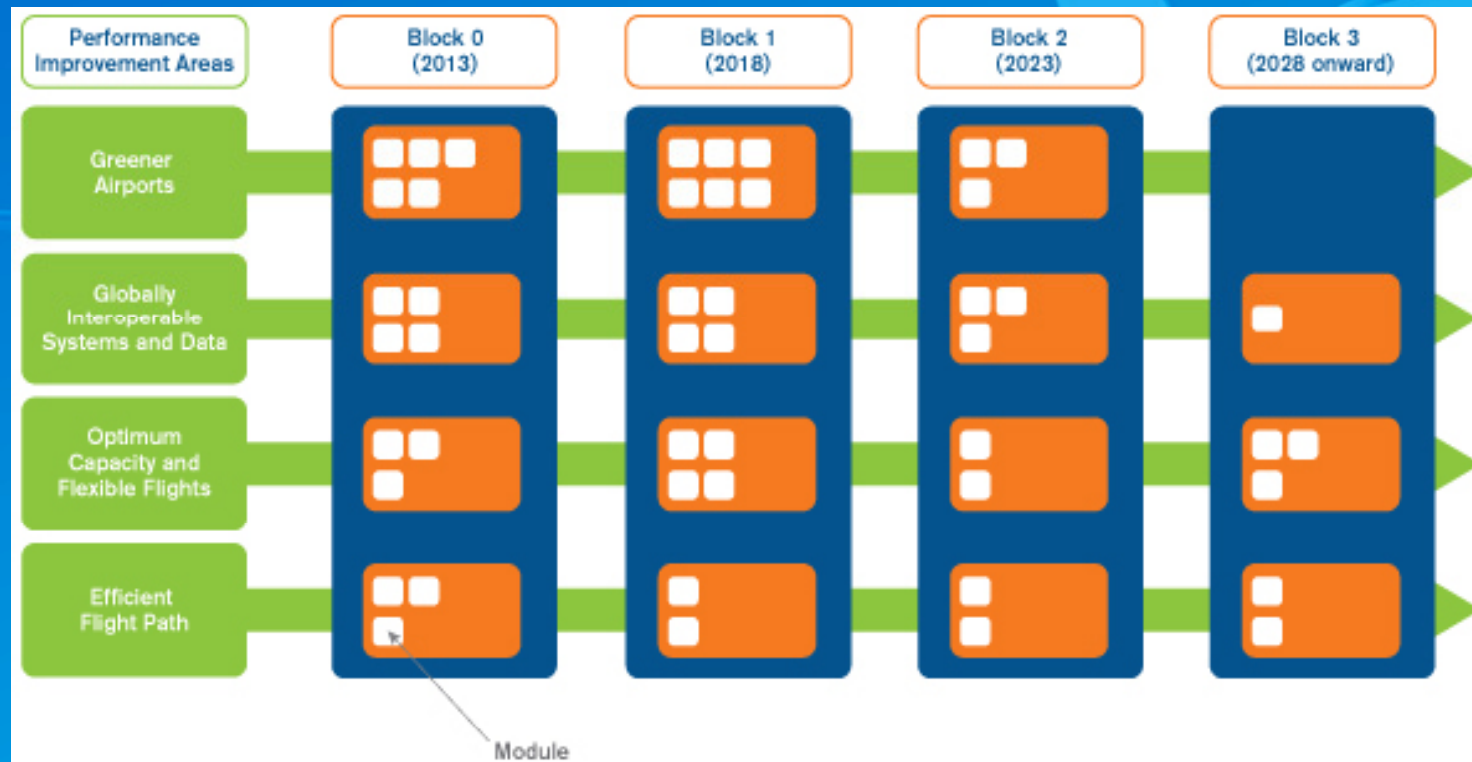
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## Strategies and Tools for Sustainable Air Transport

### Solving the 'WHAT'





## Solving the 'WHAT' cont'd

- **Implement** Block 0 now
  - What to fit
- **Endorse** Block 1 and develop standards
  - What to plan on
- **Agree to** the strategic direction of Block 2 & 3
  - What to spend your R & D on



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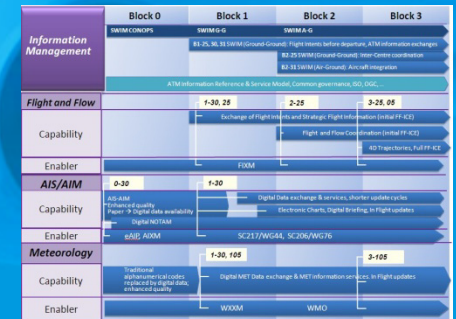
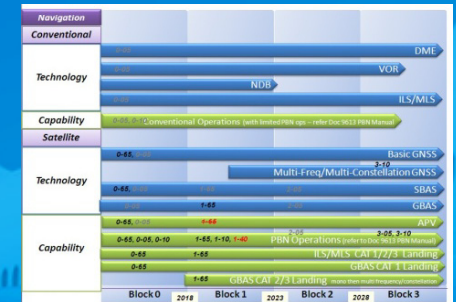
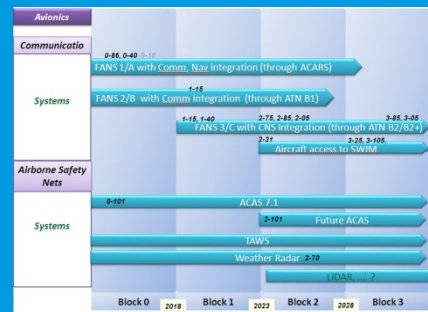
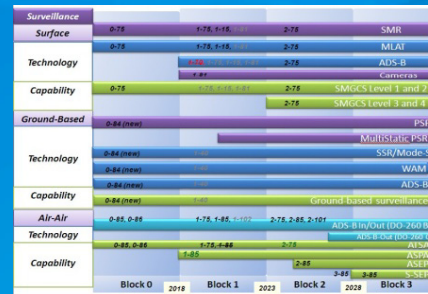
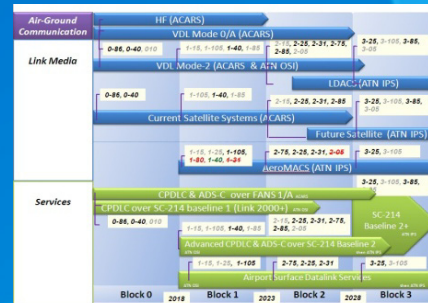
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## Strategies and Tools for Sustainable Air Transport

### Solving the 'WHAT' cont'd

- Roadmaps
  - Communications
  - Navigation
  - Surveillance
  - Information Management
  - Avionics





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## Strategies and Tools for Sustainable Air Transport

### Solving the 'WHEN'

- Global Plan Insures Safety and Enables Interoperability
- Modules Implemented as Operationally Necessary
- Through Regional Agreements and National Plans



## Solving the 'HOW'

- Policy Needed for Access and Equity
  - First come, first served ?
  - Best equipped best served ?
  - Collaborative Decision Making ?
  - Slot auctions ?
  - Paid categorisation ?
- Possible Mandates for Key Steps to Interoperability?
  - SWIM
  - Datacommunication



## Solving the 'HOW' cont'd

- Funding or Financing
  - No magic bullet solution
    - Same methods as we currently use to fund or finance
  - Big bang implementation is not required
    - The ASBUs are modular building blocks
  - Progressive implementation is
    - Bite sized chunks
  - Financial analyses to support Business Cases
    - Attract low-risk infrastructure investment





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### What We Need

- 12<sup>th</sup> Air Navigation Conference will endorse the Global Air Navigation Plan
  - Operational and Technical folks have solved the what is needed; today and in the future
- 6<sup>th</sup> Air Transport Conference will need to set policies to address
  - Access and equity
  - Possible mandates
  - Financing the future system
- Lets work together