

# NASA Green Aviation Summit

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September 8, 2010

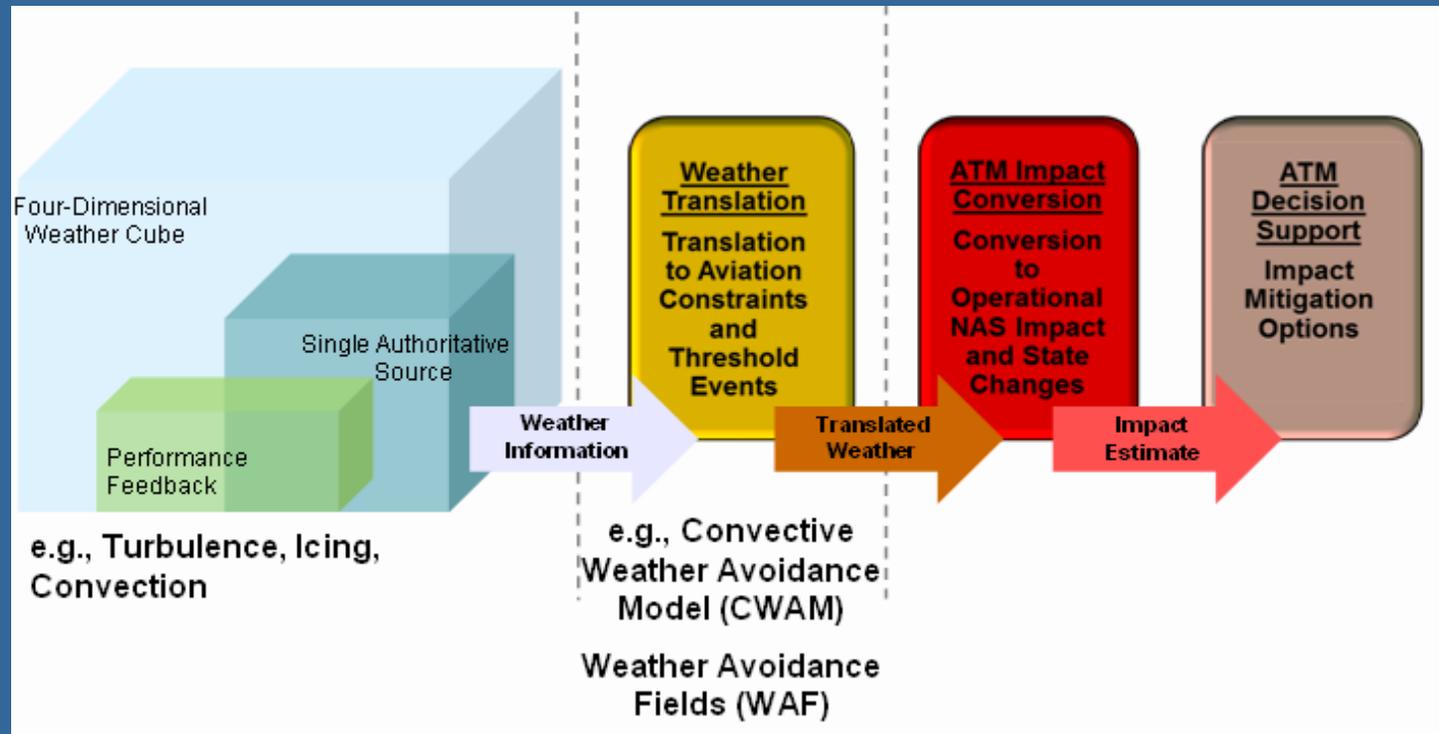




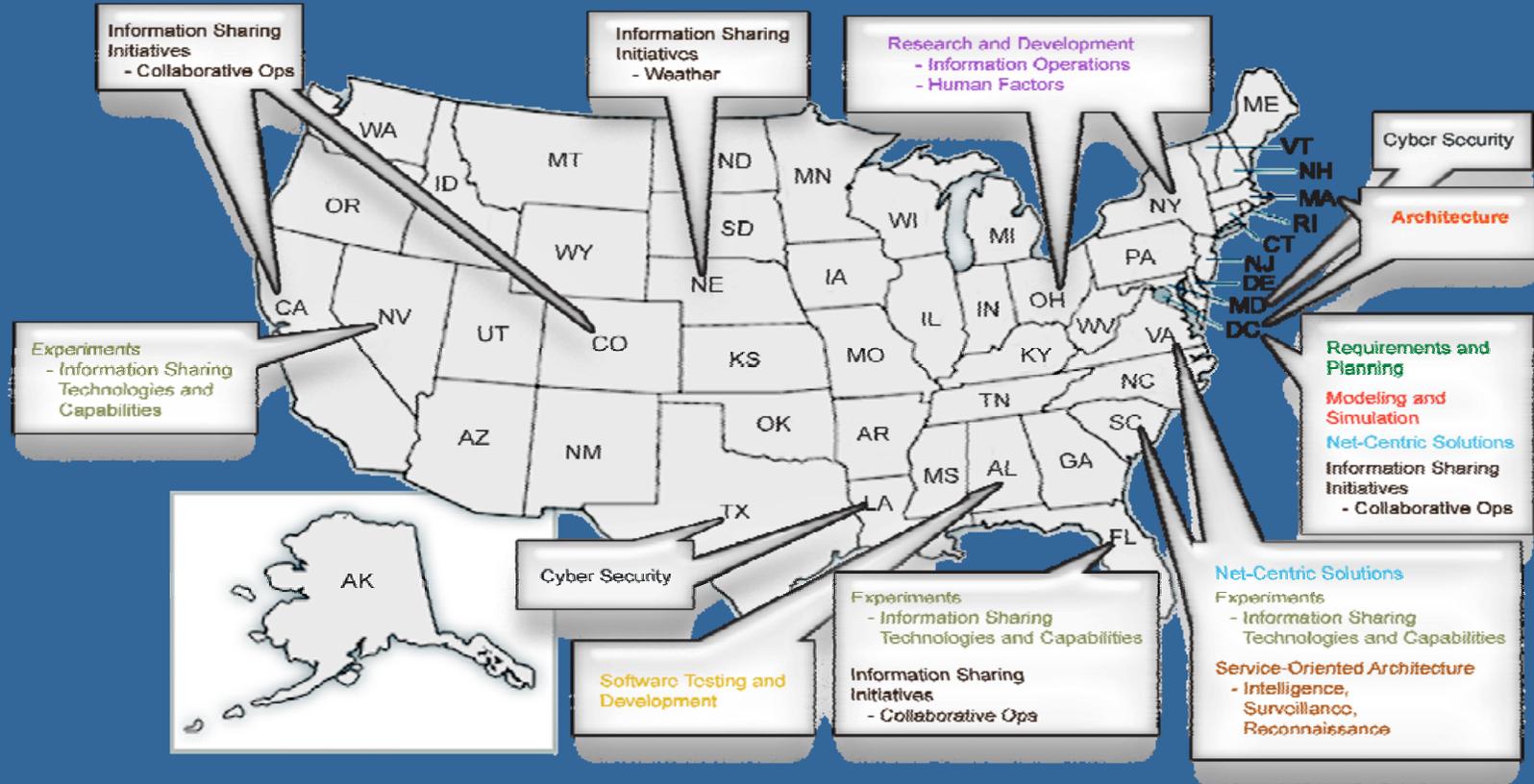
# The Joint Planning and Development Office



# NextGen Weather Integration Concept

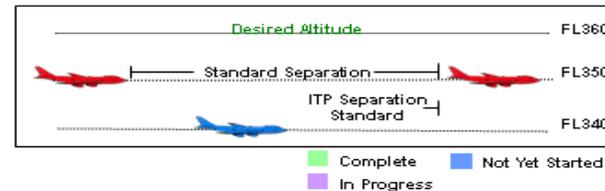


# Identifying DOD Net-Centric Technology



# ADS-B In-Trail Procedures Application

- Purpose:** Provide operational benefits in non-surveillance airspace by enabling “in-trail” climbs/descents at reduced separation distances
- Goal:** Employ ITP in oceanic air carrier operations (revenue service) by 2011
- Objectives:** Validate operational performance and economic benefits of ITP  
Develop and validate ADS-B ITP MOPS material
- Partners:** United Airlines, Honeywell, Goodrich, Airservices Australia, Airways Corp NZ



In-Trail Procedures  
July 23, 2010



Federal Aviation  
Administration



# Aviation Environmental Issues – Today

## Community Noise Impacts



## Air Quality



## Water Quality



## Energy



## Global Climate

