

NASA Green Aviation Summit

Dr. Karlin Toner

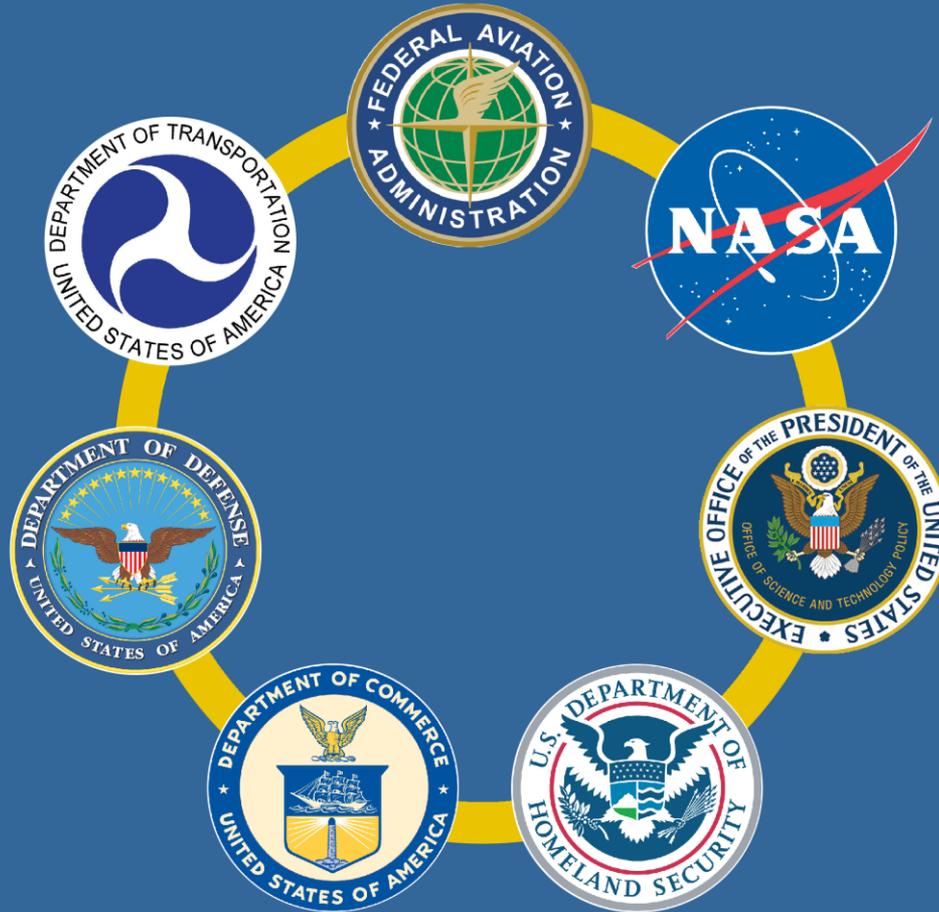
Director, Joint Planning and Development Office
(JPDO)

September 8, 2010

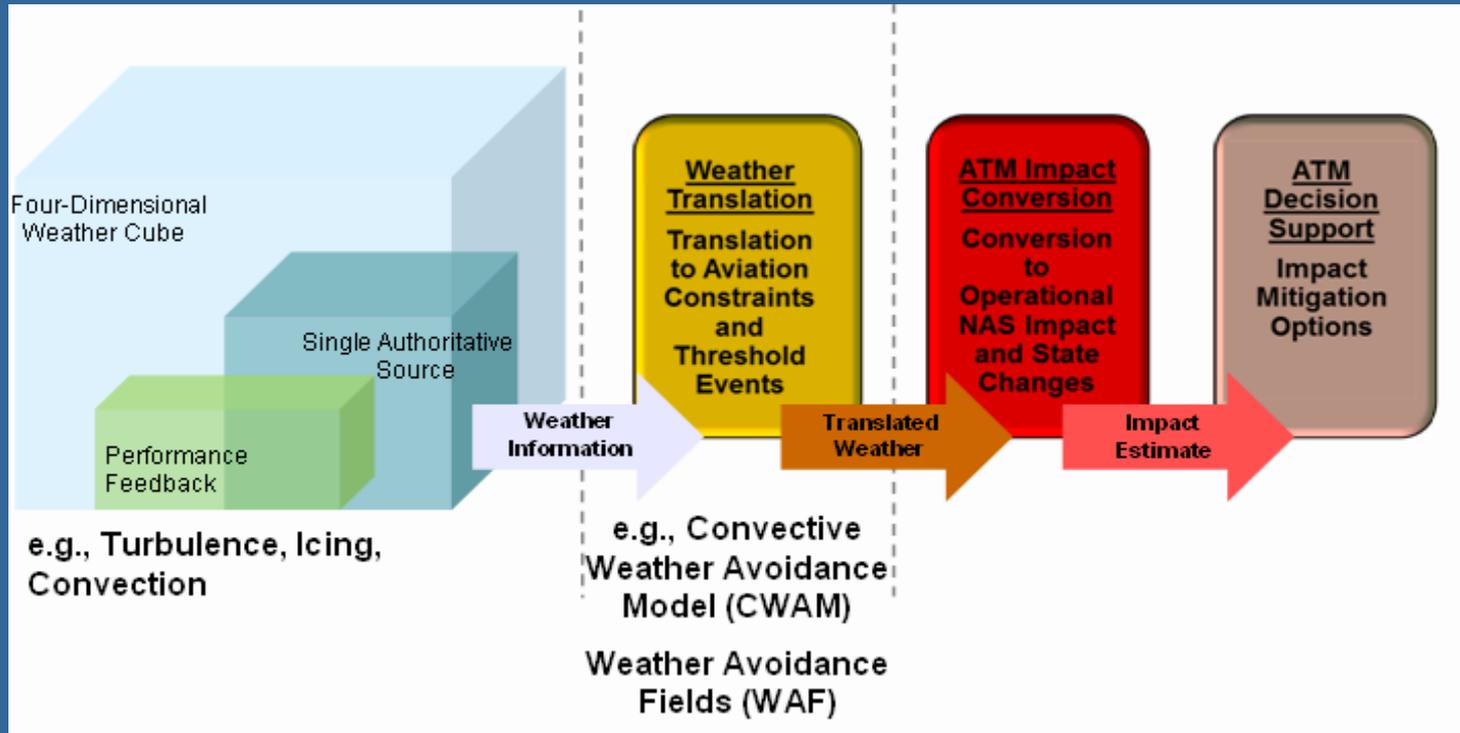




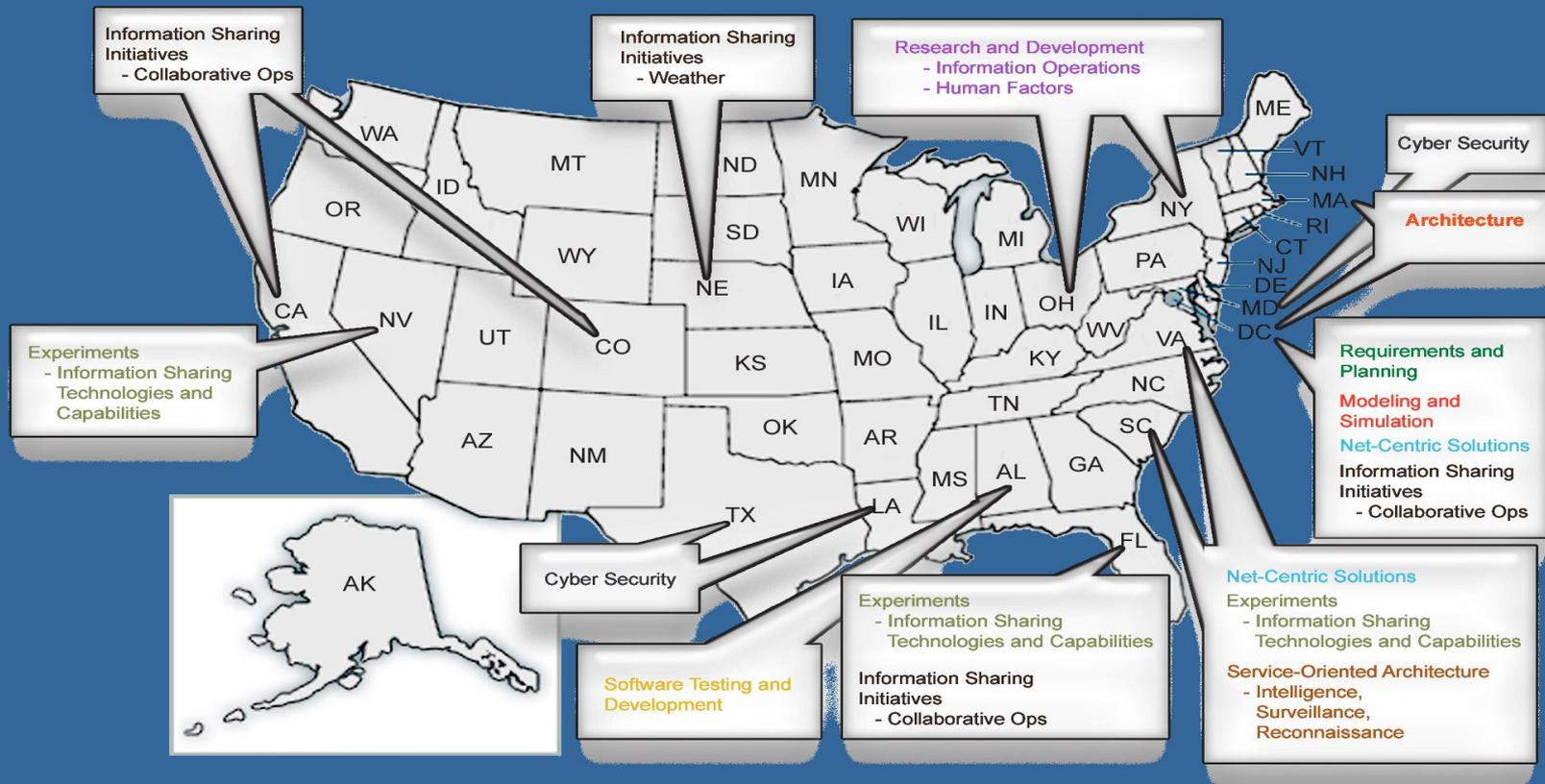
The Joint Planning and Development Office



NextGen Weather Integration Concept



Identifying DOD Net-Centric Technology



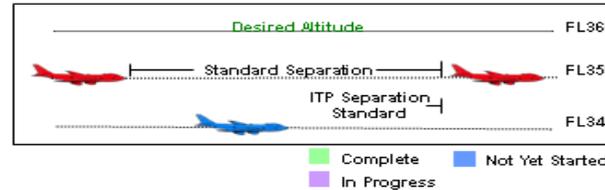
ADS-B In-Trail Procedures Application

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

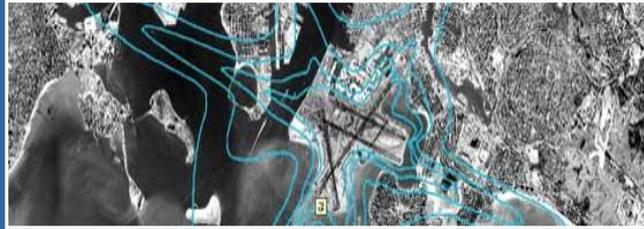


Federal Aviation
Administration



Aviation Environmental Issues – Today

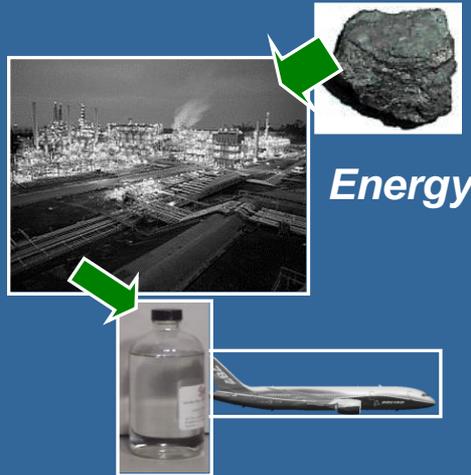
Community Noise Impacts



Air Quality



Water Quality



Energy

Global Climate

