

DRAFT

**National Aeronautics R&D Plan  
Outreach:  
Energy & Environment  
Coordinating Group**

Vicki Crisp

11 July, 2007

Cincinnati, Ohio

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# Coordinating Group Focus

- the National Aeronautics R&D Plan Energy and Environment Coordinating Group focuses on the linked policy principles of
  - *1) assuring energy availability and efficiency as central to the growth of the aeronautics enterprise;*
  - *2) protecting the environment while sustaining growth in air transportation.*

# Coordinating Group Scope

## Community Noise Impacts



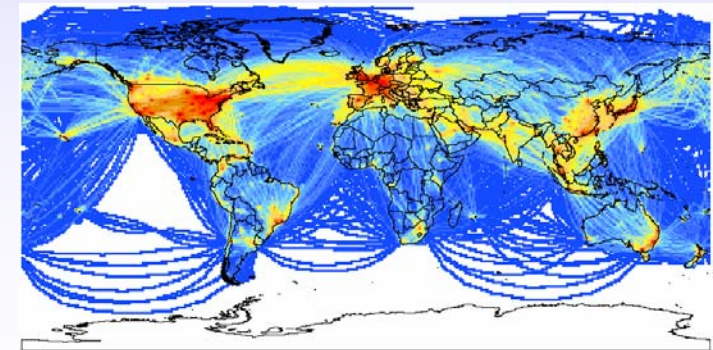
## Air Quality



## Energy



## Water Quality



## Global Climate

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# Coordinating Group Membership

➤ Membership:

– *Leads:*

- *Ehsan Khan (DoE); Lourdes Maurice (FAA); Col. Dave Richards (USAF)*

– Members

- Jimmy Kenyon (DoD)
- Robert Rudnitsky (DoS)
- Rob Brenner/Sabrina Johnson (EPA)
- Curtis Holsclaw (FAA)
- Vicki Crisp (NASA)
- David Fahey/A.R. Ravishankara (NOAA)
- Cindy Lee (NSF)

# Coordinating Group Approach

- **Met 3 times (1X via telecon; 2X face to face – with telecon capability)**
- **Reviewed whitepapers submitted by stakeholders**
  - 18 responses received
    - Associations
    - Companies
    - Individuals
- **Literature survey provided basis, e.g.,**
  - FAA/NASA Report to Congress;
  - JPDO plans;
  - NRC reports,
  - Decadal Survey,
  - NASA plan,
  - DoD/DoE Energy plan
  - Commercial Alternative Aviation Fuel Initiative Roadmap
- **Agreed on goals and objectives**
- **Organizations drafted white paper as input to Chapter**
- **First draft completed**