The State of NARSTO

2007 Executive Assembly
March 27, 2007
Crystal City, VA
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Overview

• Meeting Preview
• Past Year’s Accomplishments
• Actions on 2006 EA Directives
• Funding
Meeting Preview

• Day 1
  – Quality Systems and Data Management Update
  – Status of Multi-Pollutant Accountability Assessment
  – Aerosol Workshop Results
  – RRWG Summary
  – NARSTO-Related Field Research
    • Early Results from Texas 2006
    • MILAGRO -- Mexico City Air Quality
    • MaxMEX -- Mega City Impacts on Regional Climate

• Day 2
  – Future NARSTO Activities
    • Multi-Pollutant Accountability
    • Proposed Technical Meeting in Mexico
    • Theme for 2008 NARSTO EA
2006-2007 Accomplishments

• Emission Inventory Assessment
  – Paper published in JAWMA (Miller et al., vol. 56, pp. 1115-1129)
  – Presentations to
    • NERAM Colloquium on AQ risk management
    • GEIA 2006 Open Meeting
2006-2007 Accomplishments

• Aerosol/PM Modeling Workshops
  – Workshop held June 26-30
  – Report on “processes” workshop completed
  – Report on “applications” workshop in preparation
  – More on this later
2006-2007 Accomplishments

• Multi-Pollutant Accountability
  – Co-chairs selected
    • George Hidy (lead)
    • Rich Scheffe
    • Jeff Brook
    • Ken Demerjian
  – CAAAC briefed
  – Assessment process underway
  – Special Issue of *EM* will appear in May
  – More later
Action on EA Directives

• PM Modeling Workshops
  – Separate reports (In process)
  – Journal publication if appropriate (TBD)
  – Health effects and climate focus (Yes)

• Multi-Pollutant Accountability
  – Further refinement of scope required (Accomplished)
  – Consider limiting to a specific sector or class of emissions (This has not been done)
  Focus on how accountability should be done (This is the direction we’re headed)
Action on EA Directives

• Quality Systems and Data Management
  – Make Google Earth products available (Done)
  – NARSTO guidance on MDLs? (In process)

• GEOSS and NARSTO
  – John Lyon will coordinate (Have not heard from John, but have discussed with Terry Keating and Len Barrie)
  – Provide recommendations to ESC (In process)
Action on EA Directives

- Air Quality and Health Effects
  - PM modeling workshops and accountability assessment will be NARSTO’s contribution
  - Need to identify a health partner (Not done)

- Climate and air quality
  - Aerosol processes workshop will address climate issues
  - Accountability assessment will include climate considerations
Action on EA Directives

• Other Issues
  – Health effects of fuel additives: Jim Vickery to review EPA activities and make recommendations (No clear role for NARSTO at this time)
  – Need summary report for RRWG (Done)
  – EI follow-up
    • Review Implementation in Canada, US and Mexico (Some informal review)
    • Discuss implementation with CEC (Not done)
2006-2007 NARSTO Funding

- Infrastructure ~ $400K incl. carry-over (mostly EPA)
  - Deborah Garland of ORISE will detail
- Management Coordinator’s Office ~ $320K (DOE)
- Quality Systems Science Center (ORNL) ~ $300K (DOE)
- Other
  - Associate Management Coordinator (NOAA)
  - George Hidy (API, Southern Co., EPRI)
  - Considerable in-kind contributions (EPA, NOAA, Environment Canada, Southern Co., API, EPRI, other gov. agencies, Lovelace Institute, etc.)