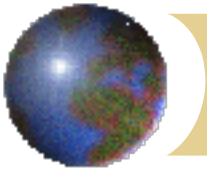




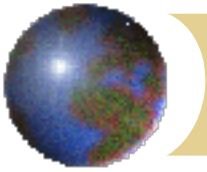
*Goals & Timelines for Regional Haze
Technical Work/AoH Phase II Project*

**Attribution of Haze Workgroup Meeting
Seattle – June 22-23, 2005**



Regional Technical Work for Haze Planning

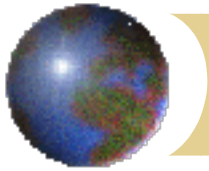
- ⊕ **Work is by/on behalf of states/tribes for regional haze plans**
- ⊕ **For visibility impacts at “their” Class I areas in the WRAP region, every state or tribe has:**
 - ⊞ **A different planning process and requirements;**
 - ⊞ **A unique distribution and magnitudes of sources under their jurisdiction;**
 - ⊞ **A unique set of sources causing the average 20% worst days’ visibility impairment; and**
 - ⊞ **These sources are:**
 - **Manmade and largely controllable;**
 - **Manmade and largely uncontrollable for various reasons; and/or**
 - **Defined as natural.**
- ⊕ **Technical work supports haze plans that show “reasonable progress on emissions reductions” toward visibility improvement goals for each Class I area**



Objectives for Technical Work

✦ **For each Class I area:**

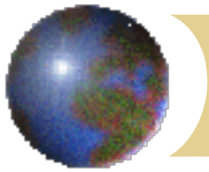
- ✦ **Assess impacts of emissions changes**
- ✦ **Identify source regions and types**
- ✦ **Make analyses and data accessible and presentation-quality for planning and technical support staff**
- ✦ **Develop tools and system to support haze rulemakings and implementation**
- ✦ **Explain what is not known and needs additional work to support future haze planning**



Technical Timelines

✦ **September/October 2005:**

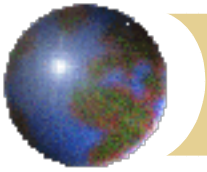
- ✦ **Complete 2002/baseline period analyses**
 - **Monitoring baseline period and trends**
 - **Emissions**
 - **Modeling**
 - **Regional Dispersion**
 - **BART**
 - **Receptor**
- ✦ **Present Weight-of-Evidence results in existing AoH formats**
- ✦ **Define modeling and other techniques to project impacts of changes in emissions**
- ✦ **Identify uncertainty and limitations**
- ✦ **Spec out and develop draft tools for technical system**



Technical Timelines

❖ **Winter 2005-06:**

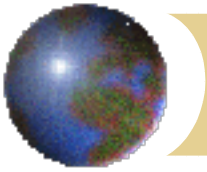
- ❖ **Complete Change Analyses: 2002/baseline to 2018 base case**
 - **Emissions**
 - **Modeling**
 - **Regional Dispersion**
 - **BART/regional backstop programs**
- ❖ **Present Weight-of-Evidence results in new/additional AoH formats using Technical Support System**
- ❖ **Plan for assessment of additional state/tribal control programs**
- ❖ **Identify uncertainty and limitations**
- ❖ **Test and refine draft tools and displays in technical system**



Technical Timelines





✦ Spring 2006:

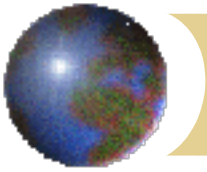
- ✦ Complete Change Analyses: 2018 base case to additional control strategies**
 - Emissions
 - Modeling
 - Regional Dispersion – fire, dust, others
- ✦ Present Weight-of-Evidence results in AoH Technical Support System**
- ✦ Plan for regional products/displays supporting SIPs/TIPs and state/tribal emissions control/management programs**
- ✦ Identify uncertainty and limitations**
- ✦ Second round of testing and refining of tools and displays in technical system**



Technical Timelines

Summer 2006:

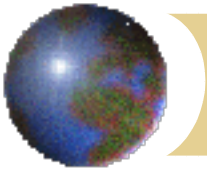
-  **Prepare draft Technical Support documentation for:**
 - **2002/baseline period analyses**
 - **Change Analyses:**
 - **2002/baseline to 2018 base case**
 - **2018 base case to additional control strategies**
 - **Address:**
 - **Emissions**
 - **Modeling**
 - **Monitoring**
-  **Present Weight-of-Evidence results in AoH Technical Support System**
-  **Identify uncertainty and limitations**
-  **Final version of tools and displays in technical system**



Technical Timelines

✚ Fall 2006:

- ✚ **Complete final Technical Support documentation for:**
 - **2002/baseline period analyses**
 - **Change Analyses:**
 - **2002/baseline to 2018 base case**
 - **2018 base case to additional control strategies**
 - **Address:**
 - **Emissions**
 - **Modeling**
 - **Monitoring**
- ✚ **Present Weight-of-Evidence results in AoH Technical Support System**
- ✚ **Identify uncertainty and limitations**
- ✚ **Final version of tools and displays in technical system**



Technical Timelines – transition to planning

✚ **Winter 2006-07 through December 2007 plan deadline:**

✚ **Planning process starts:**

- **Rulemakings**
- **Public hearings**
- **Identify tracking needs in AoH Technical Support System and input systems:**
 - **EDMS**
 - **CoHA**
 - **IMPROVE**
- **Address:**
 - **Emissions**
 - **Modeling**
 - **Monitoring**