

# Tools & Strategies for Air Quality Management

Team 2 Recommendations  
AQM Subcommittee Meeting  
June 27-28, 2006



# Team 2 Process

- ◆ Needs, Tools and Attributes
  - ◆ Tools Development
  - ◆ Assessment of NTA Issues
  - ◆ Recommendations for Tools
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# Needs, Tools and Attributes

- ◆ Identifies 5 priority emission reduction target areas
  - Vehicles and engines, under-managed areas, small emitters, consumer products and ICI boilers
- ◆ Lists problems and needs related to measurements
- ◆ Lists problems and needs related to authority or jurisdiction
- ◆ Identifies potential “tools”
- ◆ Outlines attributes for evaluating and comparing tools

# Assessment of NTA Issues

- ◆ For needs and problems related to priority emission reduction target areas, recommend tools from our list that offer best opportunities for achieving additional emission reductions
- ◆ For other issues, identify which ones are addressed by the work of Team 1 and where
- ◆ Also identify any gaps where issues have not yet been addressed

# Measurement Problems/Needs

Issue	T1 Y/N	Where it is/where it could be addressed
Baseline AQ Data (a-d)	Y	Group 1, Recs 1-4
HAPs	Y	Group 1, Rec 2 & 3
Co-benefit evaluations	Y	Group 1, Rec 1(2)
Local impacts of trading	Y	Group 1, Rec 3

# Authority/Jurisdiction Issues

Issue	T1 Y/N	Where it is/where it could be addressed
Pre-emption	Y	Group 2, Rec 1
State/local limitations	Y	Group 2, Recs 2,3I & 4
Int'l & border emissions	N	Maybe in Group 2, Rec 5
Patchwork b/t state & nat'l	N	Somewhat referred to in Group 2, Rec 6

# Other SIP Challenges, Resources & Other Needs

Issue	T1 Y/N	Where it is/where it could be addressed
Credit for non-traditional strategies	Y	Group 3, Recs 3 & 7
Resources	N	Maybe in Group 2, Recs 2 & 3
Prevention incentives	Y	Group 3, Rec 3
Conservation	Y	Group 3, Recs 3 & 5

# Attributes

Issue	T1 Y/N	Where it is/where it could be addressed
Envir benefits/ Disbenefits, economic impacts, time, monitoring & accountability	N	Not sure any of these are/should be already addressed in Team 1's work because they are meant to apply to the tools themselves
Authority & jurisdiction	N	
Impacts on choice & quality of life	N	
EE and ghg benefits/ disbenefits	N	

# Some Context for T2 Recommendations

- ◆ Decision to prioritize from among the tools suggested for each target area, rather than prioritizing tools themselves
  - Some target areas more applicable than others depending on state/region/area
- ◆ Recommendations are in addition to other types of strategies and tools that are already in place or have been used, not in lieu of them
- ◆ Recommendations are from the perspective of achieving additional emission reductions from that source/sector
- ◆ Most/next recommendations are what we think would work best, but all tools that are suggested for that target area are still applicable

# Recommendation: Fleets & Vehicles

- ◆ Most recommended
  - Financial tools (e.g. TERP, DERA, Moyer)
  - Retrofit strategies
  - Information programs
- ◆ Next recommended
  - Emissions limits
  - Emissions trading
  - Enforcement enhancements

# Land Use & Transportation

- ◆ Most recommended
  - Planning tools
  - Information programs
- ◆ Next recommended
  - Non-financial demand side strategies
  - Financial tools

# Ships, Ports, Airports & Rail

- ◆ Most recommended
  - Financial tools
  - Retrofit strategies
  - Work practice standards
  - Targeted strategies
- ◆ Next recommended
  - Enforcement enhancements
  - Emission limits
  - Information programs

# Rural Sources

- ◆ Most recommended
  - Financial tools
  - Work practice standards
  - Information programs
- ◆ Next recommended
  - Retrofit strategies
  - Targeted strategies

# Small Emitters

- ◆ Most recommended
  - Emission limits
  - Targeted strategies
  - Work practices
  - Information programs

# Consumer Products

- ◆ Most recommended
  - Emission limits
  - Financial tools (e.g. rebates)
  - Information programs
- ◆ Next recommended
  - Emissions trading

# Boilers and Heaters

- ◆ Most recommended
  - Emission limits
  - Emissions trading
  - Information programs
- ◆ Next recommended
  - Planning tools (e.g. permit streamlining)
  - Work practices

# Next Steps

- ◆ Get additional input from Team 1 on relative priority of tools if they are interested in providing it
- ◆ Decide how to deal with unaddressed issues from needs, tools and attributes
- ◆ Determine how to appropriately incorporate Team 2 work into final product