



State Implementation Plans

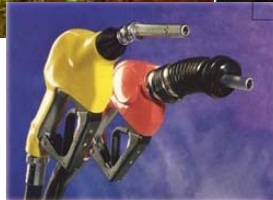
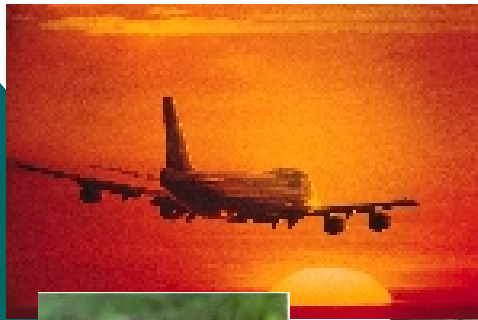
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The State Implementation Plan (SIP)



The Many Sources of Ozone Precursors



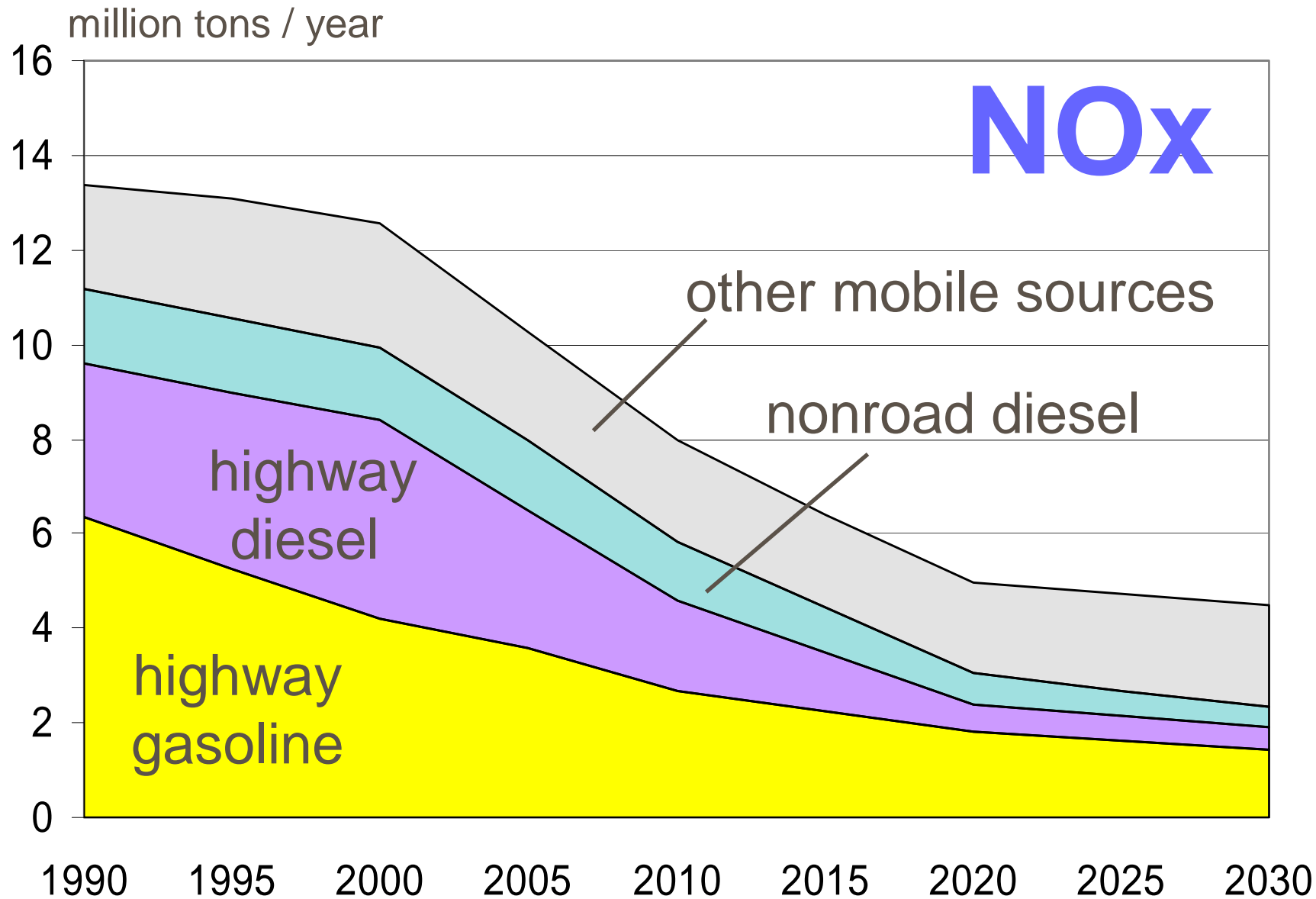


So What Will You Have to Do?

- Evaluate the Emission Sources in Your Area.
- Take Into Account National Strategies
- Remember Required Control Strategies
- State and Local selected strategies
- Conformity



Impact of Federal Mobile Source Programs on NOx Emissions



SIP Requirements for 8-Hour Ozone

Classification/Years to Attain	Requirements
Extreme (20 years)	Clean Fuels and Controls for Boilers
Severe (15 – 17 years)	Offset VMT Growth Major Source Fee if Area Fails to Attain
Serious (9 years)	Stage II Gasoline Vapor Recovery Enhanced Monitoring and Enhanced Vehicle I/M Demonstration of Required Emission Reductions
Moderate (6 years)	Basic Vehicle Inspection and Maintenance Reasonably Available Control Technology Reasonable Further Progress Emissions Reductions Attainment Demonstration, Contingency Measures
Marginal (3 years)	Emissions Inventory & Emissions Statements New Source Review/Emission Offsets (NSR)



Where Do Local Communities Fit In?

- A Local area develops their own approach to meeting a NAAQS
- Community agrees on controls for local emissions sources
 - Stakeholders invited/involved
- Implementation of controls and associated reductions can be sooner than would be required by CAA
 - Goal: Attainment designation



Types of Strategies

- Industrial Controls
- Energy Efficiency Projects
- Mobile Source Controls
 - Fleet controls
 - Idling Reduction Programs
 - Diesel retrofits
 - Commute Solutions.
- Outreach
 - Ozone Awareness Programs



More Information - SIP

- SIP Planning Information Toolkit:
 - <http://www.epa.gov/air/ozonepollution/SIPToolkit/index.html>
- Air Quality Planning for New Nonattainment Areas:
 - On-demand video training materials
 - <http://www.epa.gov/air/oaqps/eog/broadcast.html#SIP0809>
- Air Pollution Training Institute
 - <http://www.epa.gov/air/oaqps/eog/index.html>



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