Mission Possible: Charting the Forecast for Success

Seyed Sadredin
Executive Director/APCO
78% of NOx emissions and 42% of ROG emissions in 2005 were from mobile sources.

Nitrogen Oxides (NOx)
- Mobile Sources: 78%
- Stationary Sources: 22%

 Reactive Organic Gases (ROG)
- Mobile Sources: 42%
- Stationary Sources: 58%
Past Efforts to Reduce Air Pollution by Region

Percent Decrease, NOx

Source: Based on ARB’s 2006 Almanac

<table>
<thead>
<tr>
<th>Year</th>
<th>1990</th>
<th>1995</th>
<th>2000</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent Decrease</td>
<td>-45.0%</td>
<td>-40.0%</td>
<td>-35.0%</td>
<td>-30.0%</td>
</tr>
</tbody>
</table>

Past Efforts to Reduce Air Pollution by Region

South Coast
San Joaquin
60% Reduction in Emissions: How Difficult?

“Carrying Capacity”
How soon can we meet the standard?

- Baseline Emissions
- Regulations Only

$7.5 Billion
$2.9 Billion
$2.1 Billion
Regulations vs. Incentives

2012 Attainment

$7.5 Billion Incentives

2020 Attainment

$2.9 Billion Incentives

2023 Attainment

$2.1 Billion Incentives

- Recent Local Rules
- New Local Regulations
- Fleet Turnover
- New State Measures
- Incentives