

# Cumulative Regulatory Impacts on Refineries, 2000 - 2010

2000

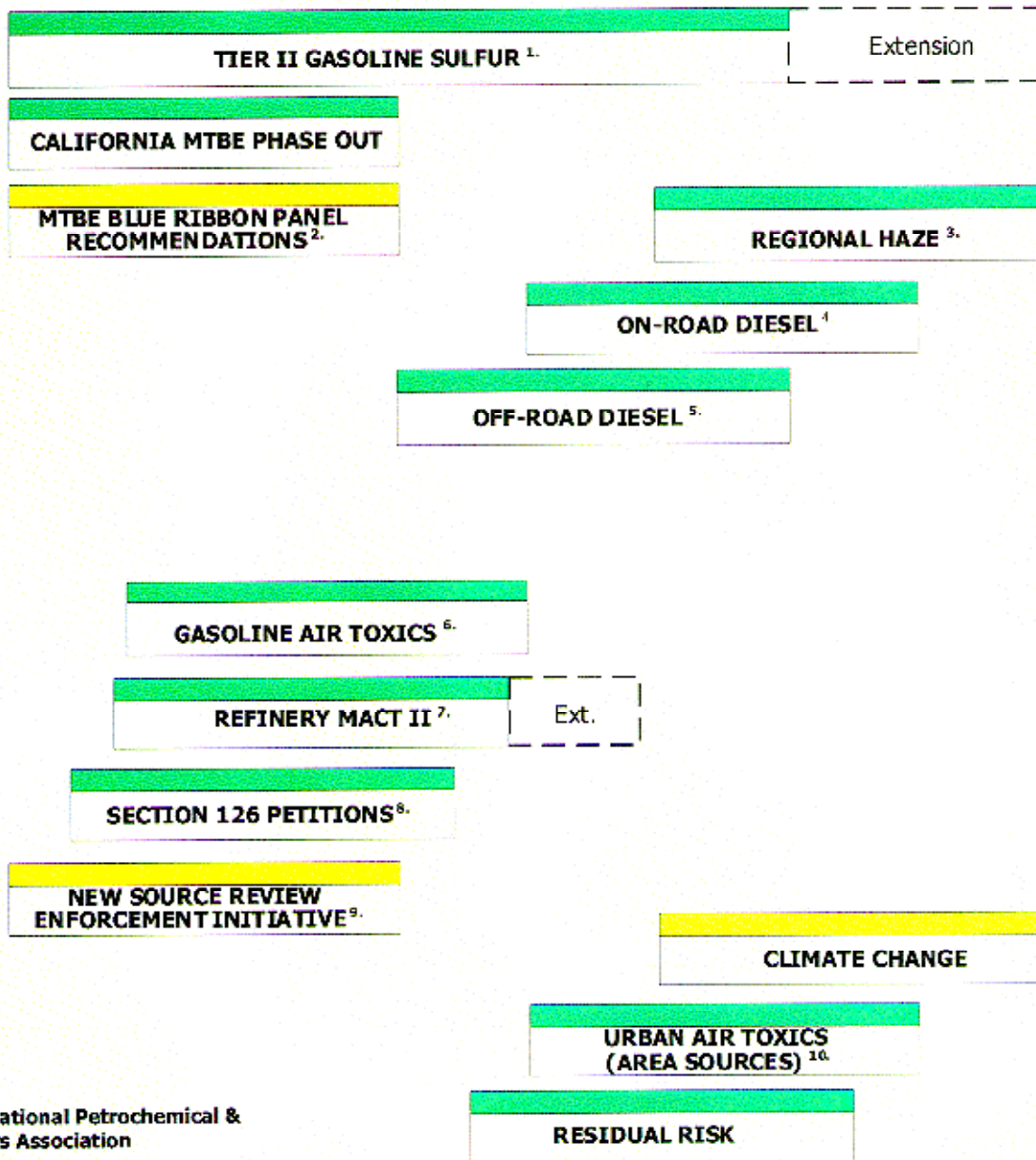
2002

2004


2006


2008

2010



## KEY

 Actual time frame known or based on 36 month compliance schedule after final rule issued.

 Compliance requirements and time frame unknown.

## FOOTNOTES:

1. Longer compliance time for small refineries in some mid-western and western states and small refineries covered by SBREFA.
2. Specific actions in response to recommendations and compliance dates unknown. Time frame estimated.
3. Regional haze SIPs due 2005-2007. Earliest compliance date. Schedule may be impacted by NAAQS litigation.
4. EPA has indicated implementation by 2007. NPRM expected in Spring 2000.
5. EPA has indicated implementation by 2006
6. CAA Section 202 (I) final rule expected December 2000. Estimated compliance date 36 months later.
7. Compliance date may be harmonized with Tier II schedule.
8. Section 126 petitions (NO<sub>x</sub> emissions) reflected because NO<sub>x</sub> SIP call program is subject to a court-ordered stay.
9. Based on EPA statements to press. Estimated date for implementation.
10. Urban Air Toxics Strategy includes controls for gasoline distribution and oil and gas production sources. Estimated compliance schedule.

# U.S. Refinery Emissions Reductions

