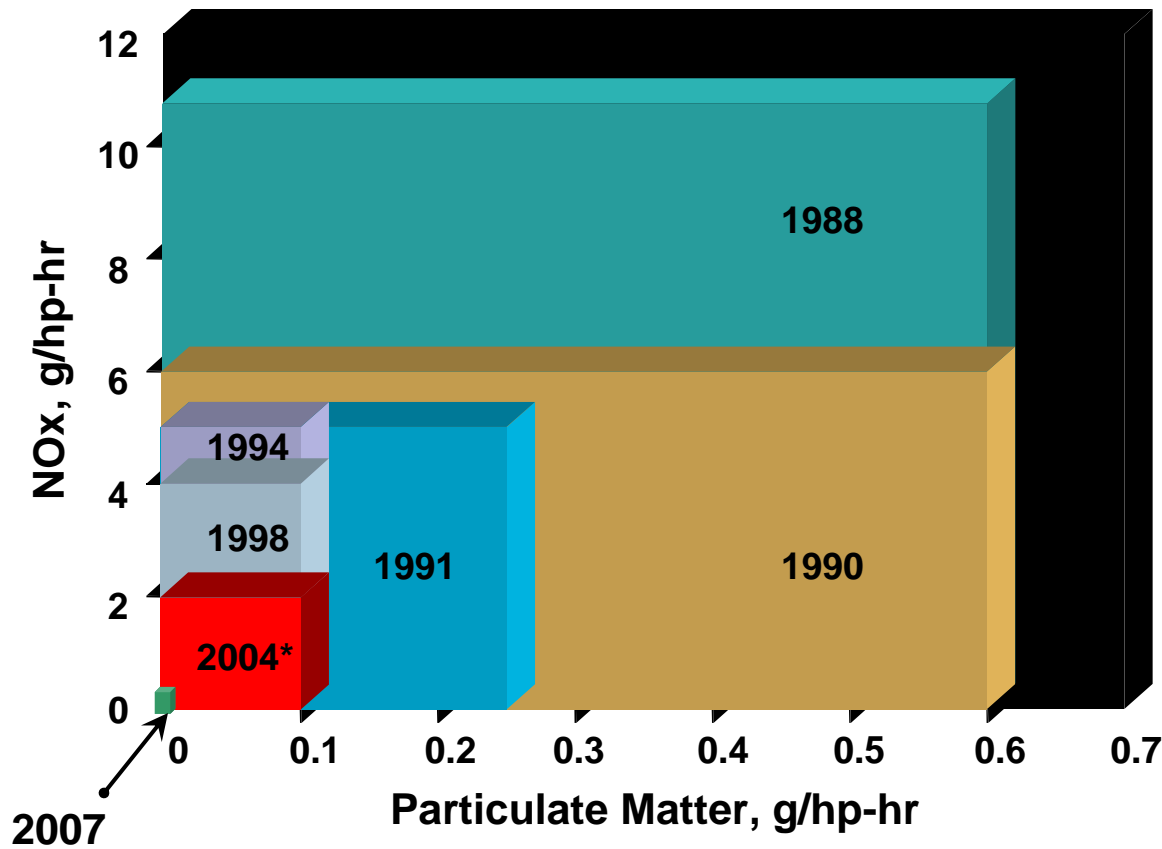


# DEP Mobile Source Control Section

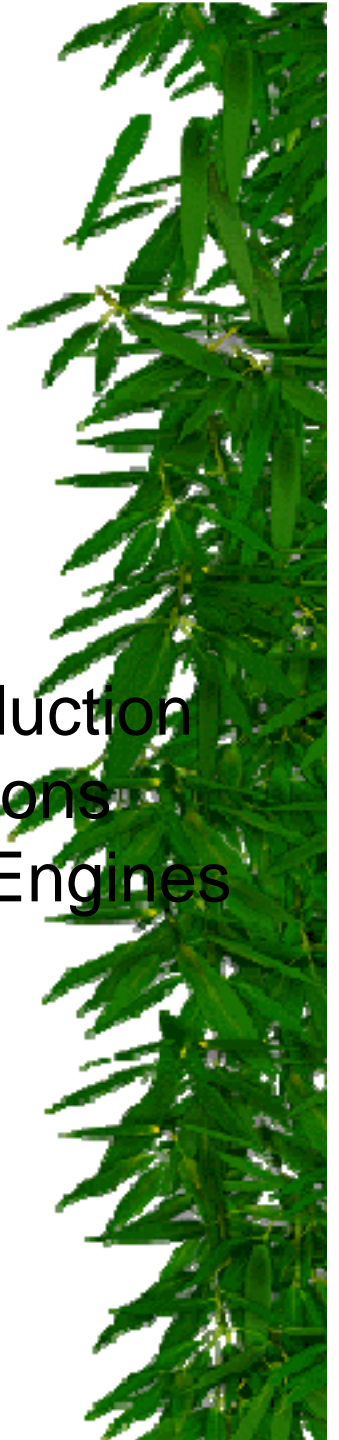
Martin Costello



# Heavy Duty Engine Emissions Regulations



99% Reduction  
in Emissions  
for New Engines  
by 2007



# Vision

- More emphasis on voluntary measures
- Address diesel emissions from the legacy fleet...
- Collaborating with fleet managers and Transportation Directors to use state and federal grants aimed at reducing diesel emissions.



# School Bus: Options for the older engines

- ★ Cleaner burning fuel blends (biodiesel)
- ★ Passive emission controls to complete the burn (Diesel Oxidation Catalyst)
- ★ Repowering with newer engines
- ★ Alternative fuels like CNG



# Track Record

- ★ Manatee and Orange County (and others?) have used blends of biodiesel
- ★ Several of the urban school districts have taken advantage of grants and retrofitted school buses with diesel oxidation catalysts (DOC)
- ★ Current grant for DOCs on rural school districts in the north Florida Panhandle region- ongoing





# Economic Stimulus Package

Current proposal to increase funding for  
the Diesel Emission Reduction Act (DERA)  
from current levels (\$50 million nationwide)  
to \$300 million or more



# This could mean

- ★ Expanded scope of school bus retrofits to a statewide program



# DEP Idle Rule

- ★ Went into effect December 15<sup>th</sup>
- ★ Restricts idling to 5 minutes
- ★ Exceptions:



Questions?



