

# HTUF 2009: A Few Brief Points

## “Thank God!”



*Advanced Transportation  
Technologies*

*Clean Transportation  
Solutions* <sup>SM</sup>

**John Boesel**  
**President and CEO**  
**October 27, 2009**



# Thanks!





# Official Change in Brand



*start in California....go national....go global*

# CALSTART Has 130+ Members

(partial list)





# Join Us in St. Louis, MO March 9-12, 2010



EVENTS

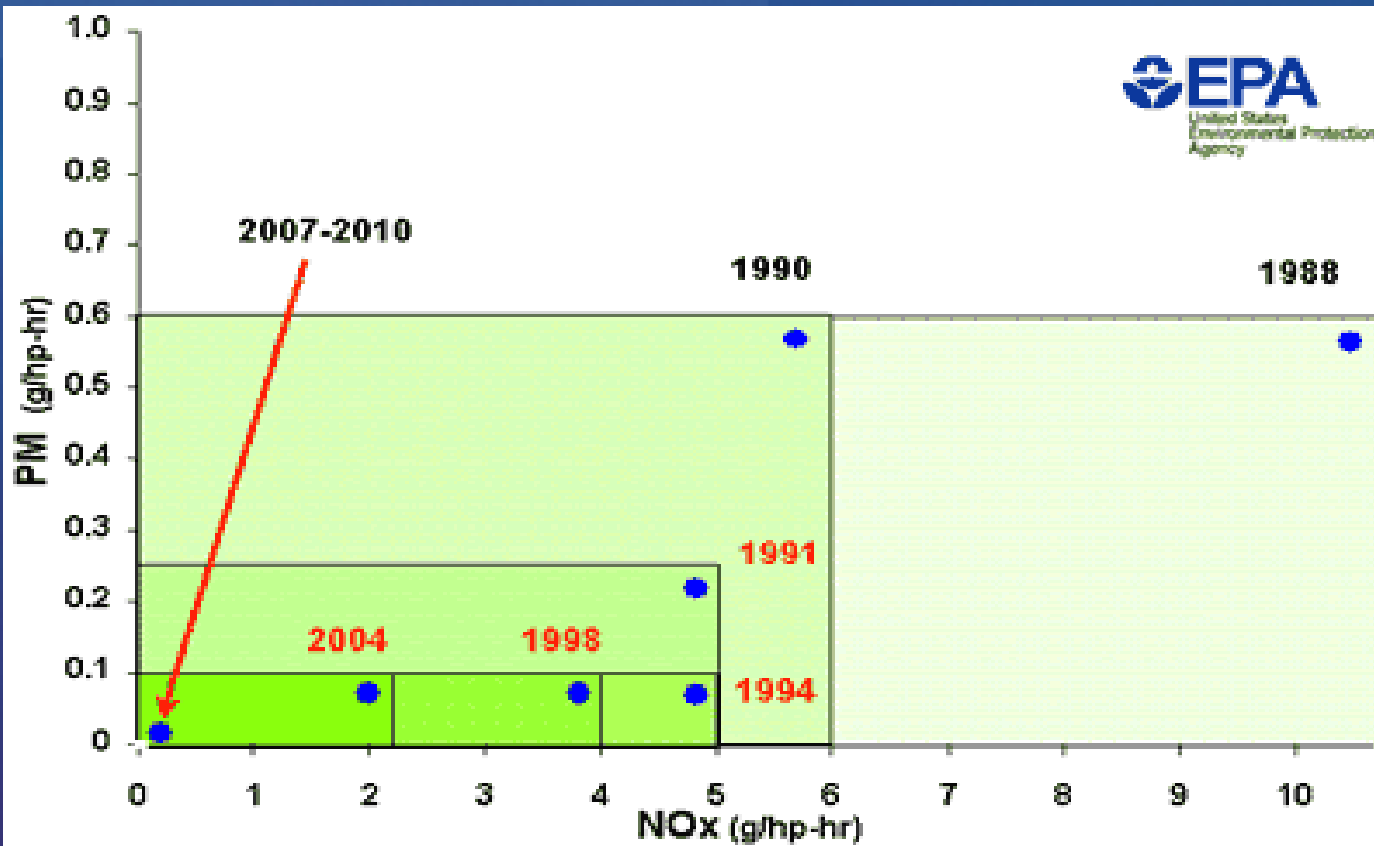


>7,000 attendees at nation's largest work truck show  
NTEA-CALSTART Partnership

Sponsorship & Exhibition opportunities – contact Sue Romeo  
[sromeo@calstart.org](mailto:sromeo@calstart.org)



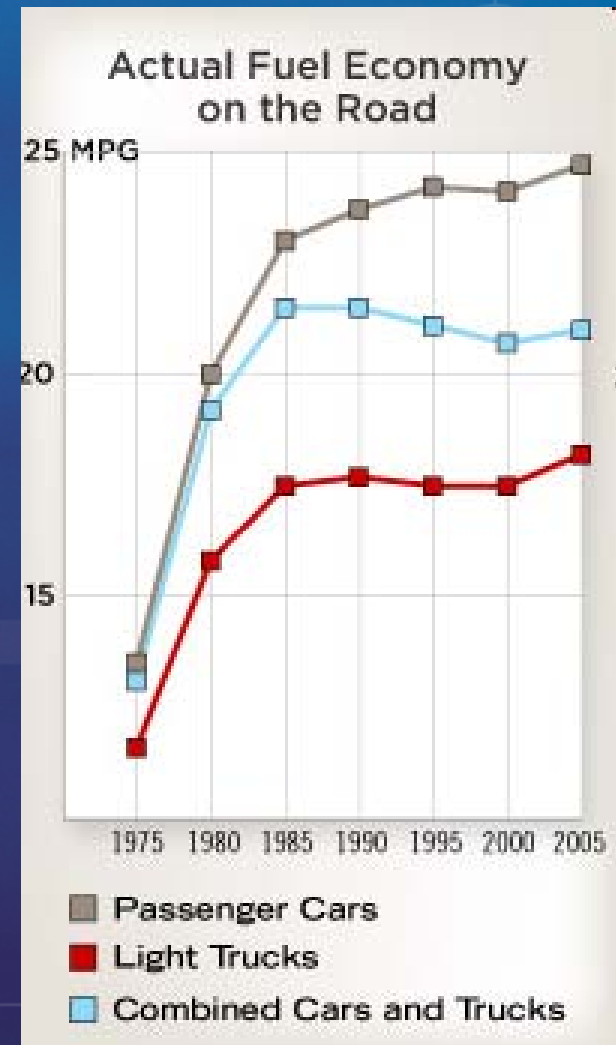
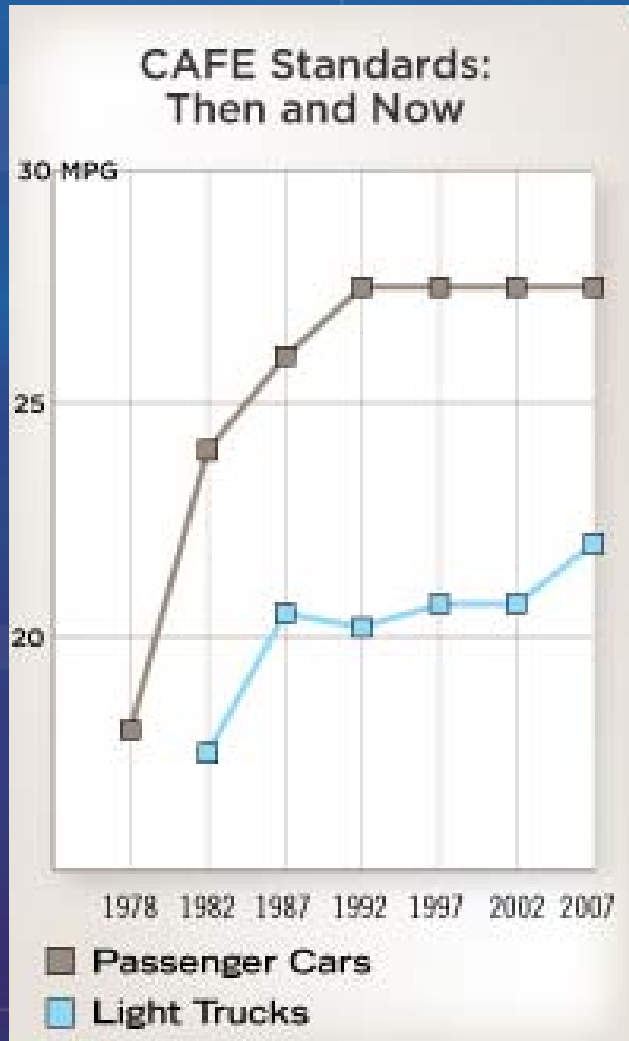
# EPA's On-Road Heavy-Duty Vehicle Criteria Emission Program



EPA's "Moore Law": Cutting Emissions in Half Every 3-8 Years from Heavy-Duty Vehicles



# Federal Fuel Economy Standards Had Big Impact – For A Period of Time





# Coordination and Co-benefits: Black Carbon and Transportation

- **“Two for one” benefits:**  
Targeting black carbon yields near-term climate and air quality benefits
  - It takes just weeks to reduce black carbon concentrations
- Black carbon (primarily soot from combustion processes) contributes to **climate change AND air quality** problems



- Reduction of **black carbon** should be a **prime target** for policy and public investment
- **Transportation sector is the best target**, as diesel emissions are by far the largest source of black carbon in the U.S.
- **Prioritize black carbon** reductions due to public health and climate change co-benefits.
- Focus on **technologies that reduce black carbon AND other pollutants** (e.g. hybrid and natural gas trucks, as opposed to diesel)





# I-710 – The Nation’s First Zero Emission Truck Corridor?

- 40% of the nation’s containers traffic comes through the ports of Los Angeles and Long Beach
- Approximately 20 mile trip from ports to rail yards in East Los Angeles
- Surrounding communities paying the price in terms of congestion and air quality
- Hybrids may not be enough!



A truck only corridor along I-710 would reduce congestion and improve air quality



# CARB Gives \$20 Million Award to CALSTART

- October 22, 2009 CARB announces award to CALSTART to manage \$20+ million hybrid truck rebate program
- AB 118 funds will be used to provide incentives to stimulate hybrid truck market
- Incentives vary depending on size of vehicle and energy savings
- Potentially first of five-year effort





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***Clean Transportation Solutions*** <sup>SM</sup>  
***Advanced Transportation Technologies*** <sup>SM</sup>



**[www.calstart.org](http://www.calstart.org)**