

**DETROIT DIESEL**

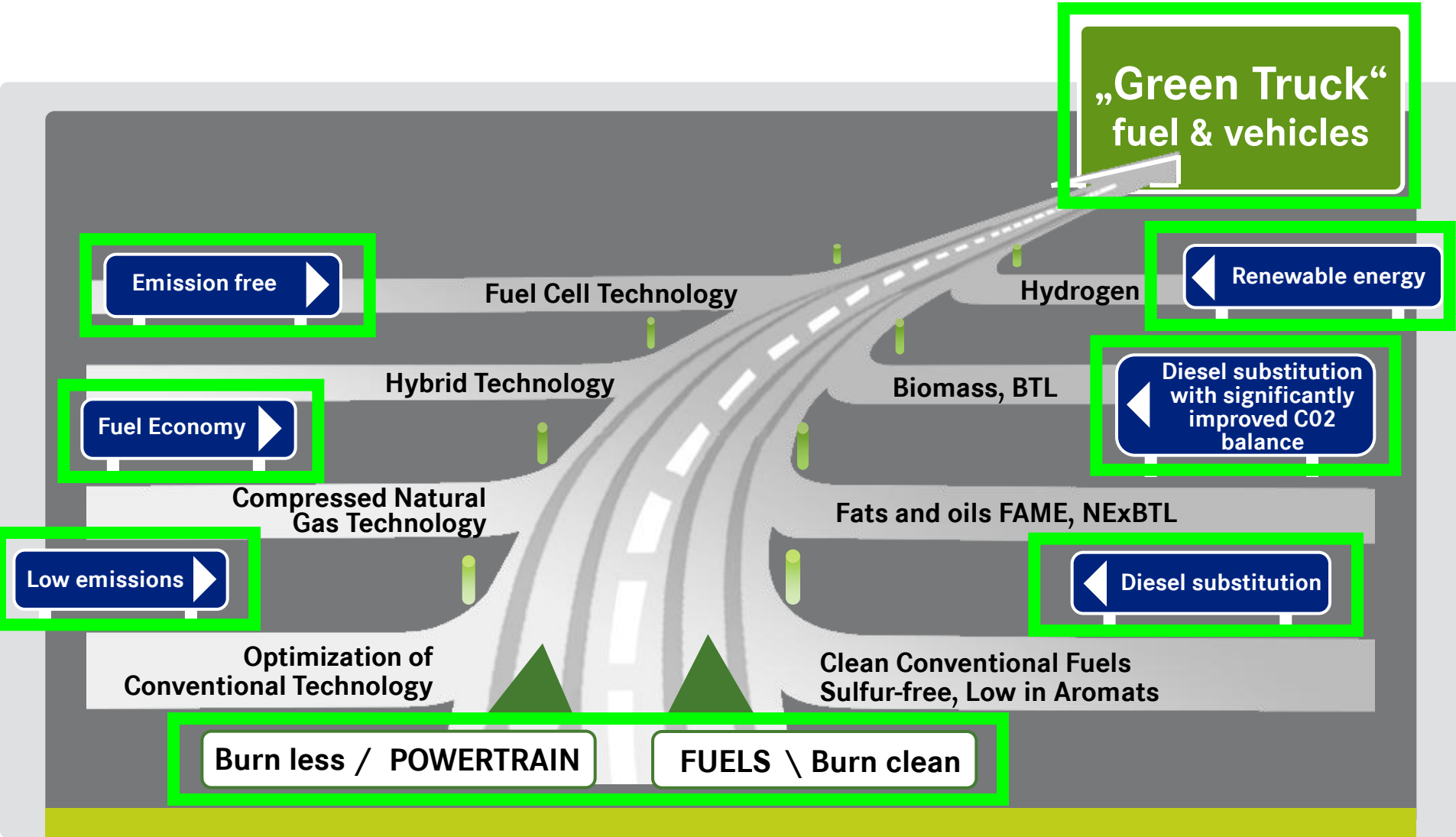
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## SCR Trucks For North America

June 24th 2009

David Siler – Director of Marketing



# Daimler: Shaping Future Transportation with CleanDrive Technologies

*Full Family of  
Renewable Energy  
Vehicles*

***Emerging***



*Plug-In Electric  
Near Future*



*Natural Gas  
2008*



*BlueTec SCR  
Truly Clean Diesel  
0.2 g in 2010*

*Diesel/Electric  
Hybrid Drive  
2009*

**SCR = *Better Economics***



***Clear Advantage for SCR***



**SCR = *Cleanest***



***True Tailpipe Emissions***



**SCR = *Convenience***



***Diesel Exhaust Fluid Availability***



**SCR = *Reliable Systems***

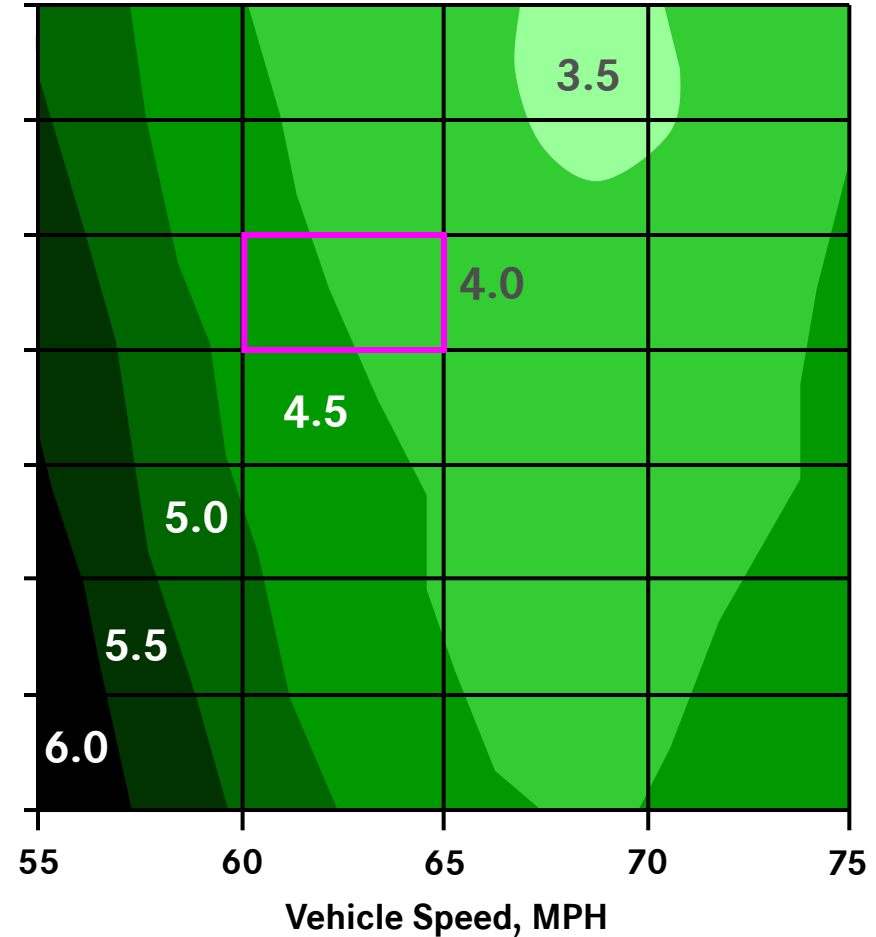
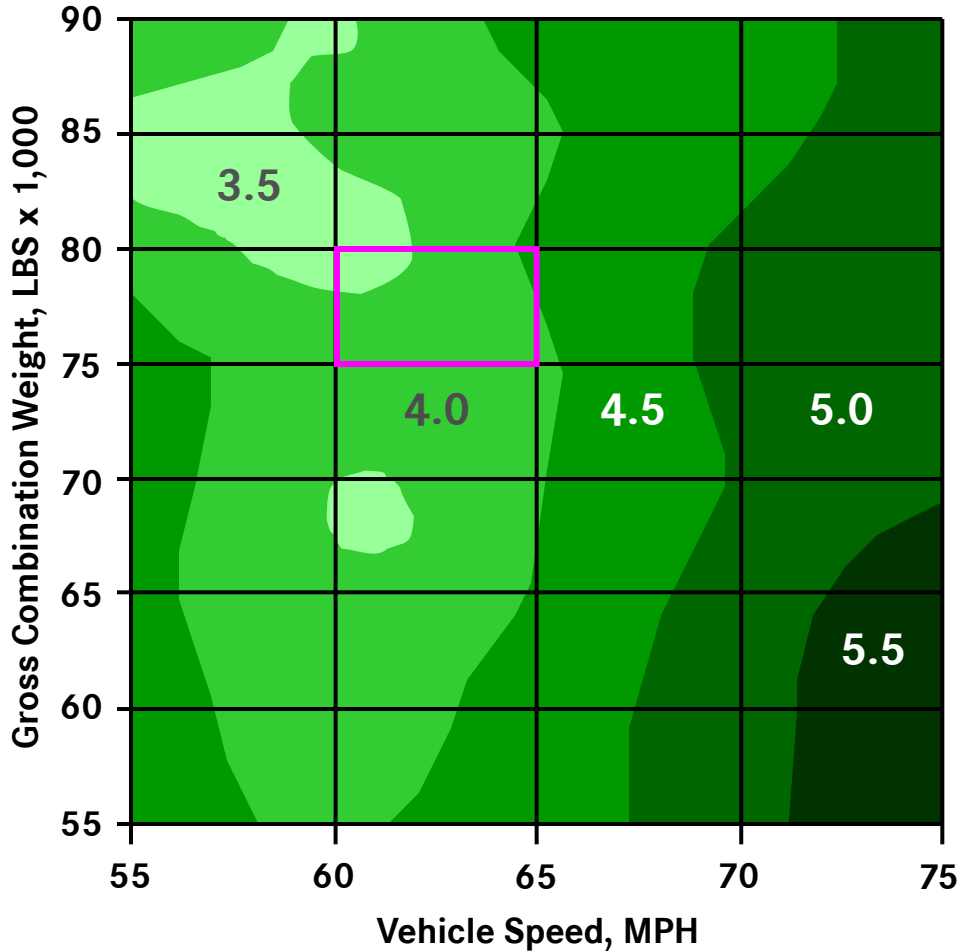


***Extensive Experience***



The Checklist for 2010 Readiness...

*Expected % improvement in OVER-ALL fuel economy of 2010 products over comparable 2007 engine...*



**SCR = Better Economics**



***Clear Advantage for SCR***



**SCR = Cleanest**



***True Tailpipe Emissions***



**SCR = Convenience**



***Diesel Exhaust Fluid Availability***



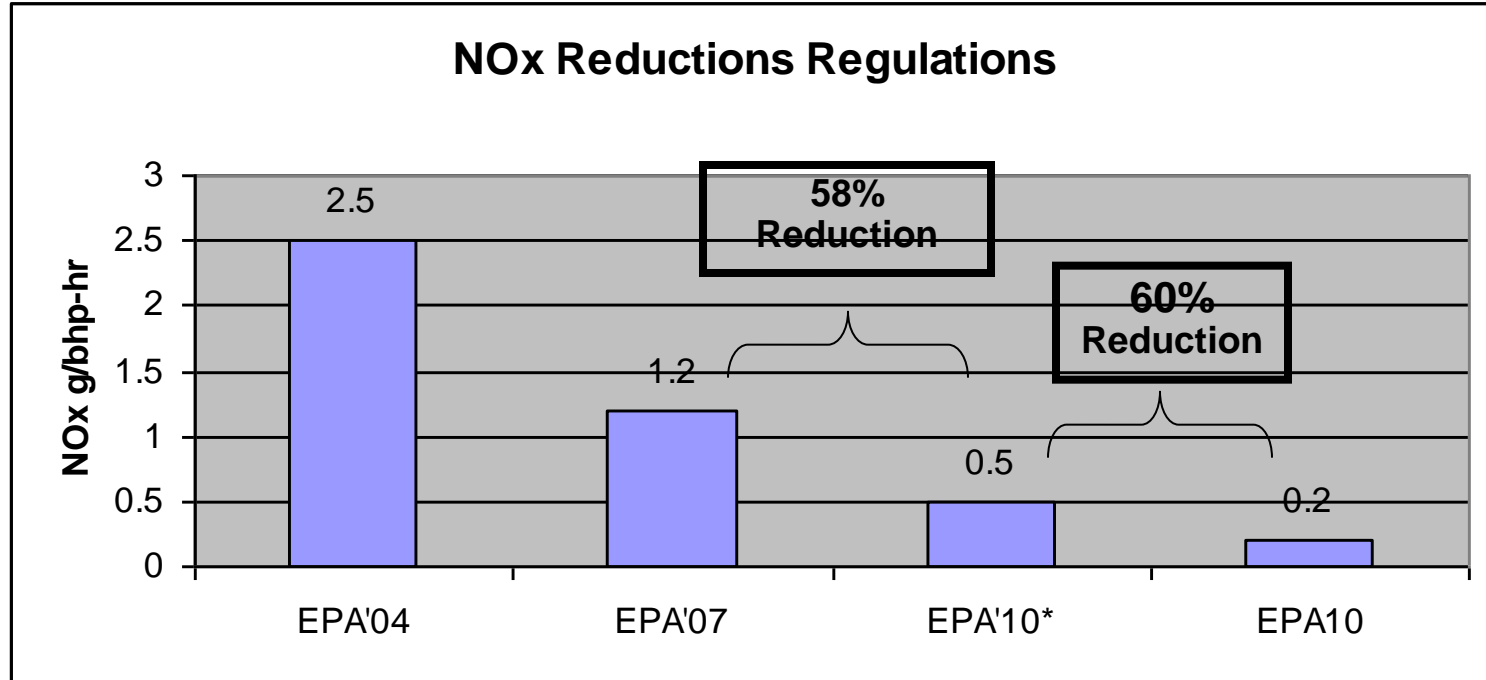
**SCR = Reliable Systems**



***Extensive Experience***



The Checklist for 2010 Readiness...



**Any Interim 2010 Solution Will Still Need to Reduce NOx Another 60% in the Future**

**SCR = Better Economics**



***Clear Advantage for SCR***



**SCR = Cleanest**



***True Tailpipe Emissions***



**SCR = Convenience**



***Diesel Exhaust Fluid Availability***



**SCR = Reliable Systems**



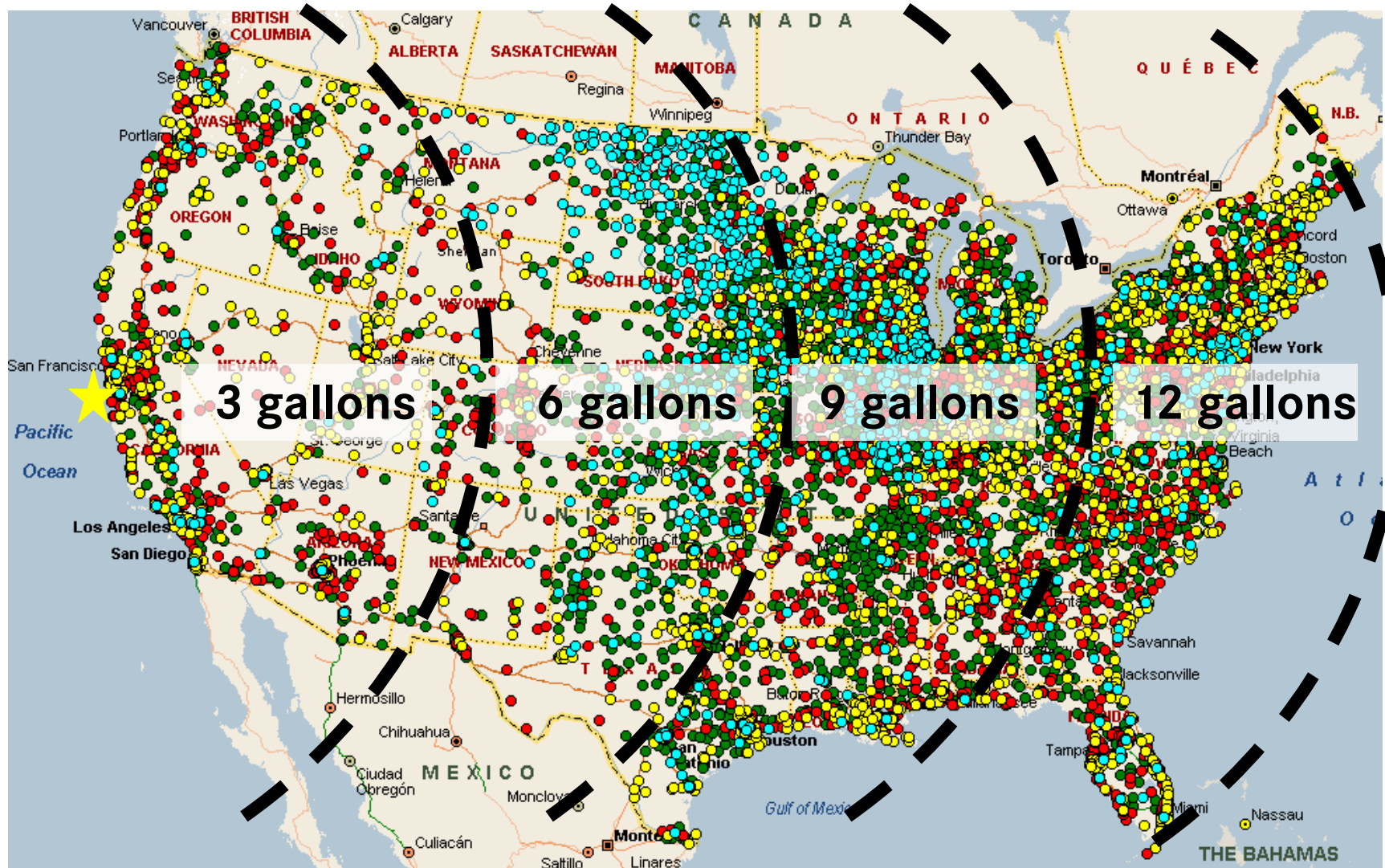
***Extensive Experience***



The Checklist for 2010 Readiness...



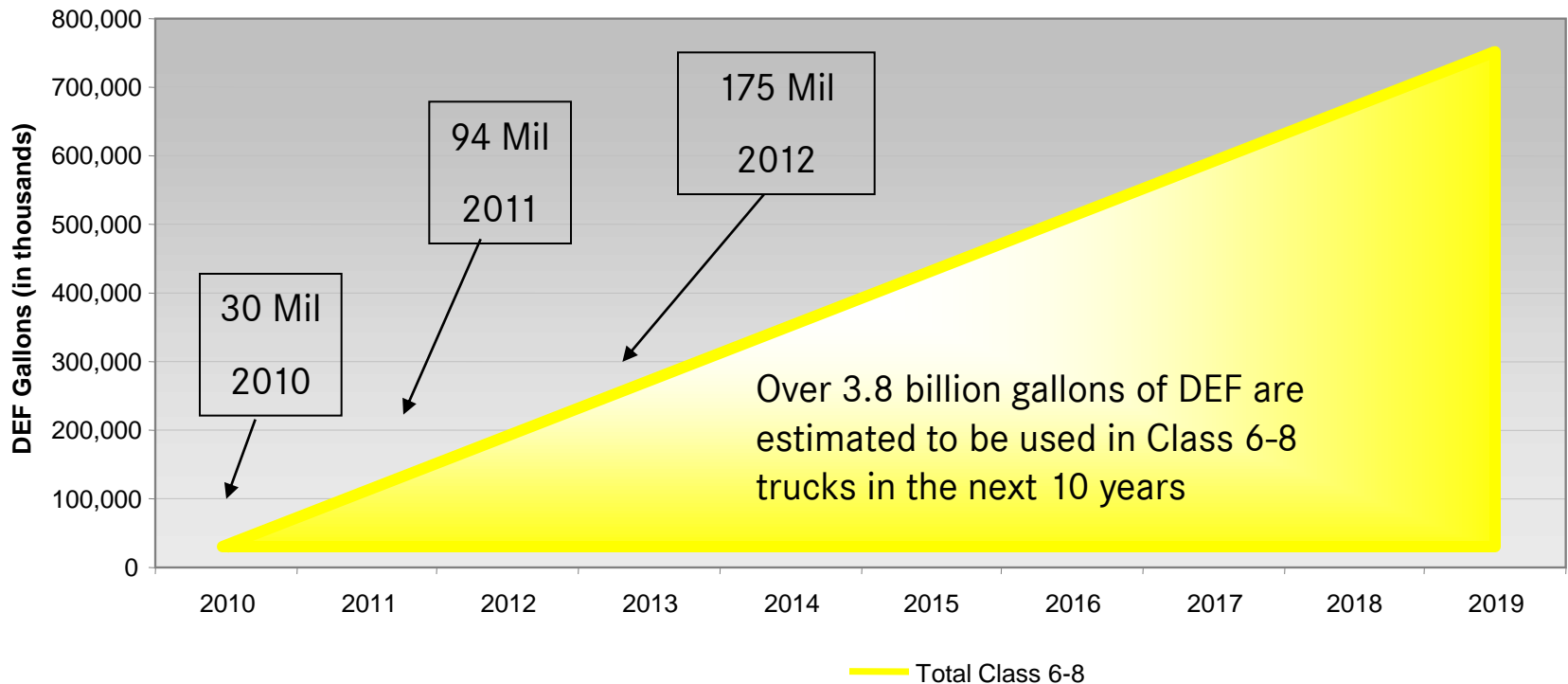
## On-Board DEF Tanks Will Have Long Range Compared to Diesel Fuel Tanks



Note: chart assumes 300 miles per gallon of DEF

The consumption of DEF is expected to grow rapidly during the first few years after 2010. By 2012 it is estimated over 175 million gallons of DEF will be consumed in class 6-8 vehicles in the US and Canada. At an estimated cost of \$3/gallon that equates to over \$525 million dollars in DEF revenue.

**Diesel Exhaust Fluid Consumption Estimates**  
(Class 6-8 US & Canada)



**SCR = Better Economics**



***Clear Advantage for SCR***



**SCR = Cleanest**



***True Tailpipe Emissions***



**SCR = Convenience**



***Diesel Exhaust Fluid Availability***



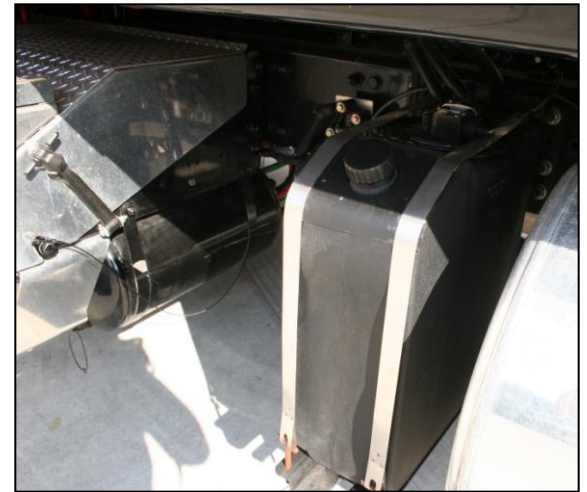
**SCR = Reliable Systems**



***Extensive Experience***



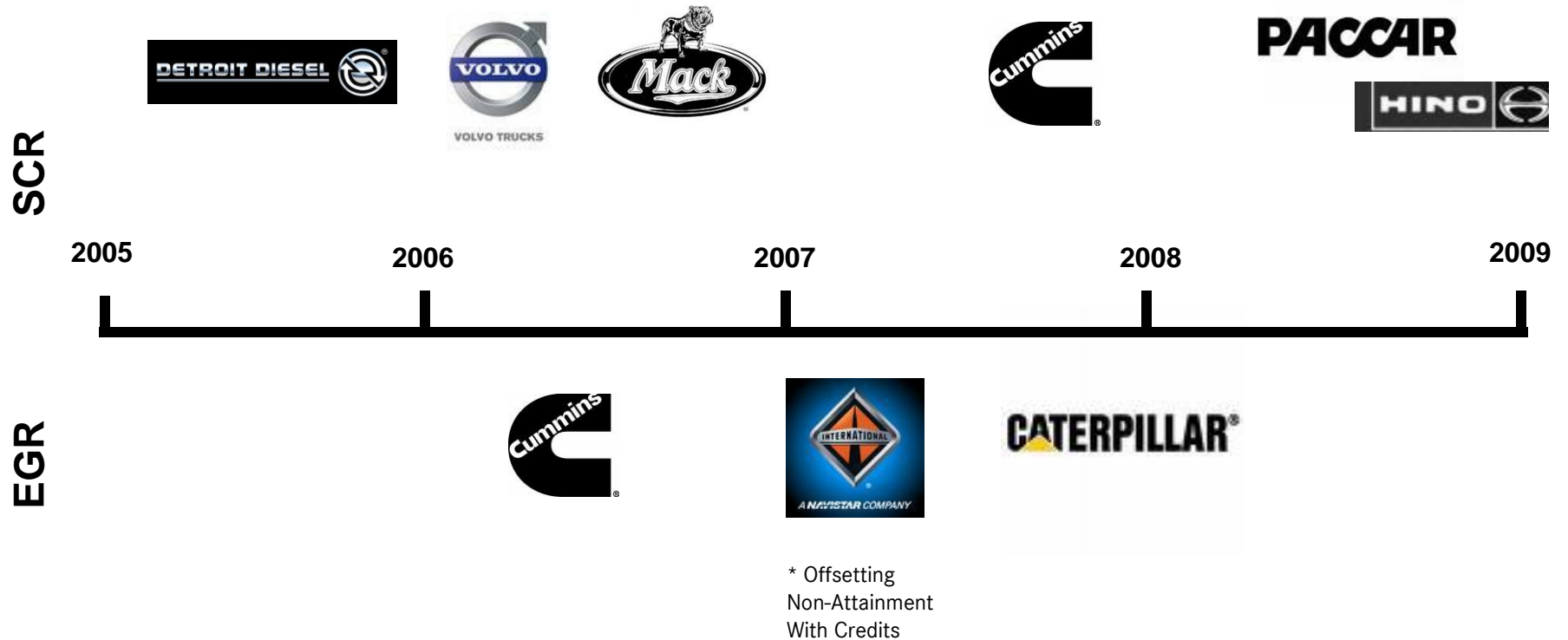
The Checklist for 2010 Readiness...



**SCR System Validated In Extremely Cold Conditions**



**Tracked and resolved all system issues during DTNA summer tests**



**During the Past Four Years, The Industry Has Chosen SCR Nearly Unanimously**

[www.factsaboutscr.com](http://www.factsaboutscr.com)

[www.truckscr.com](http://www.truckscr.com)

[www.detroitdiesel.com](http://www.detroitdiesel.com)

