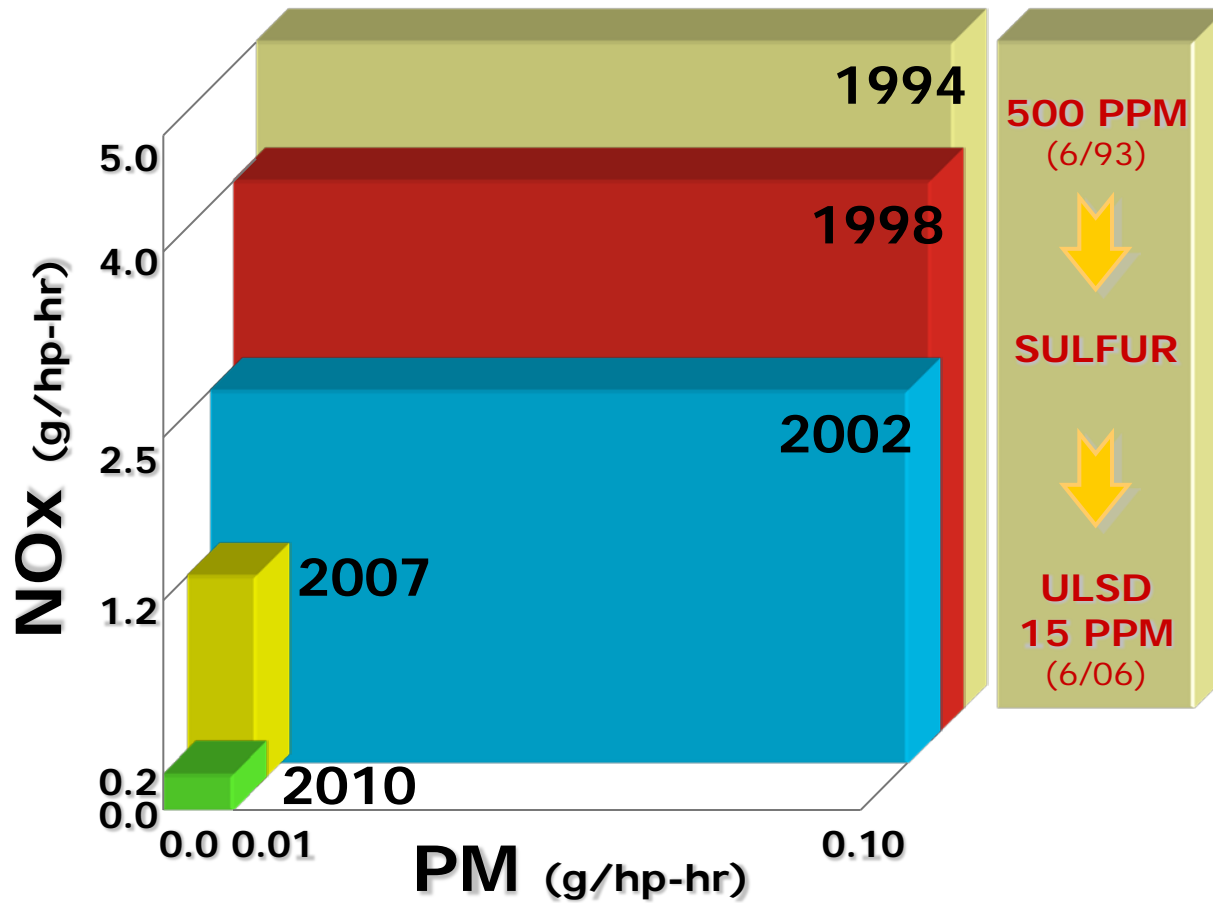


Cummins Power Systems, LLC

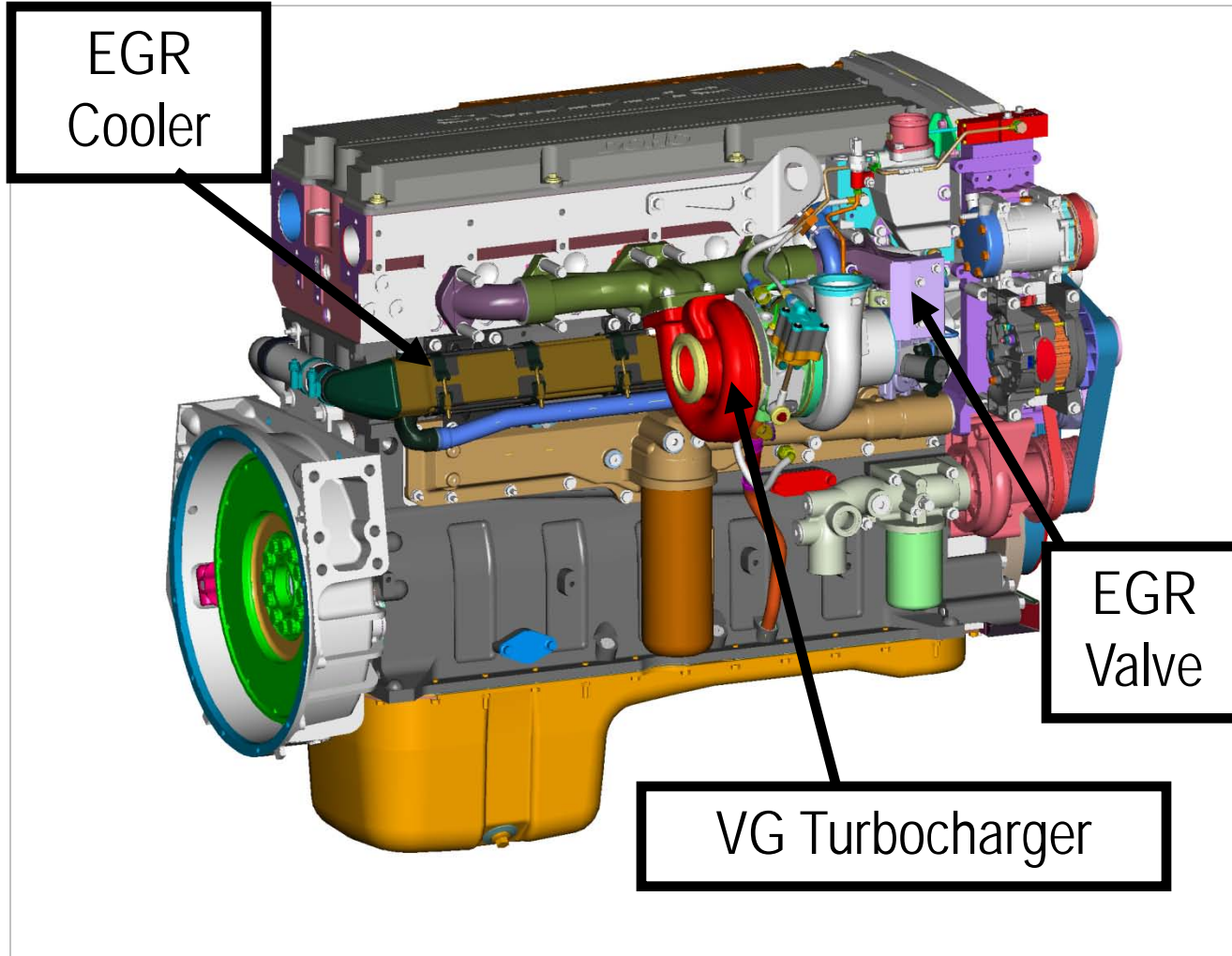
Dave Herman



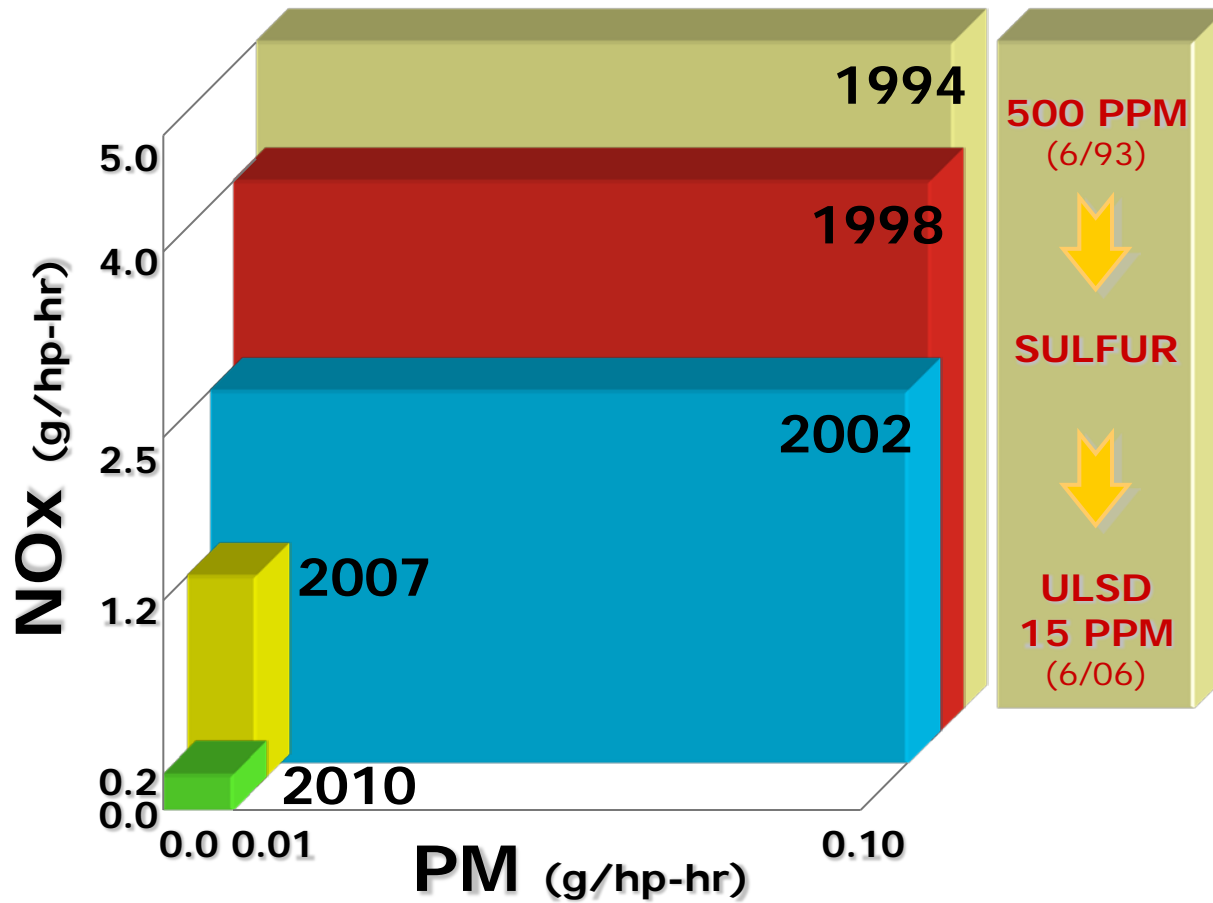
EPA Emissions Standards



ISX Components

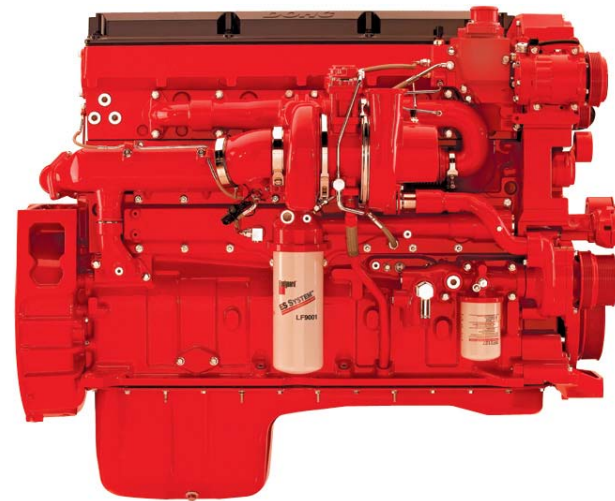


EPA Emissions Standards

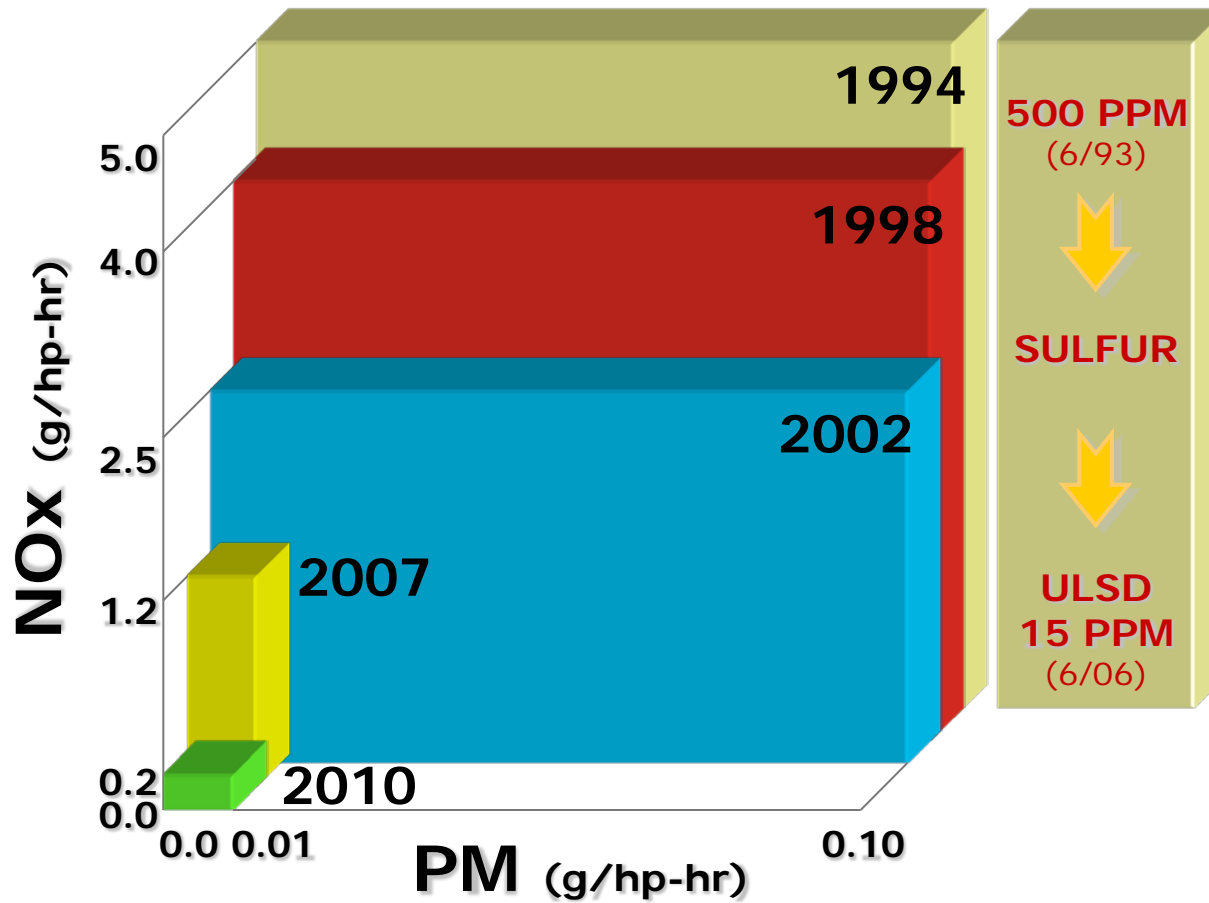


Changes for 2007

Oil CI4 to CJ4
Fuel ultra low 15 PPM
coolside egr
DOC / DPF
OCV / CCV



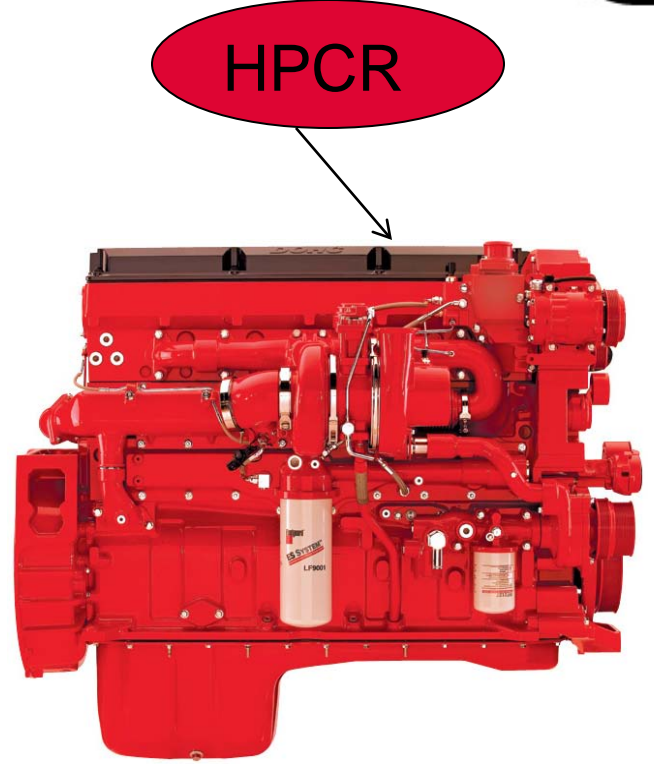
EPA Emissions Standards



Heavy Duty Solution



2010



Selective Catalytic Reduction

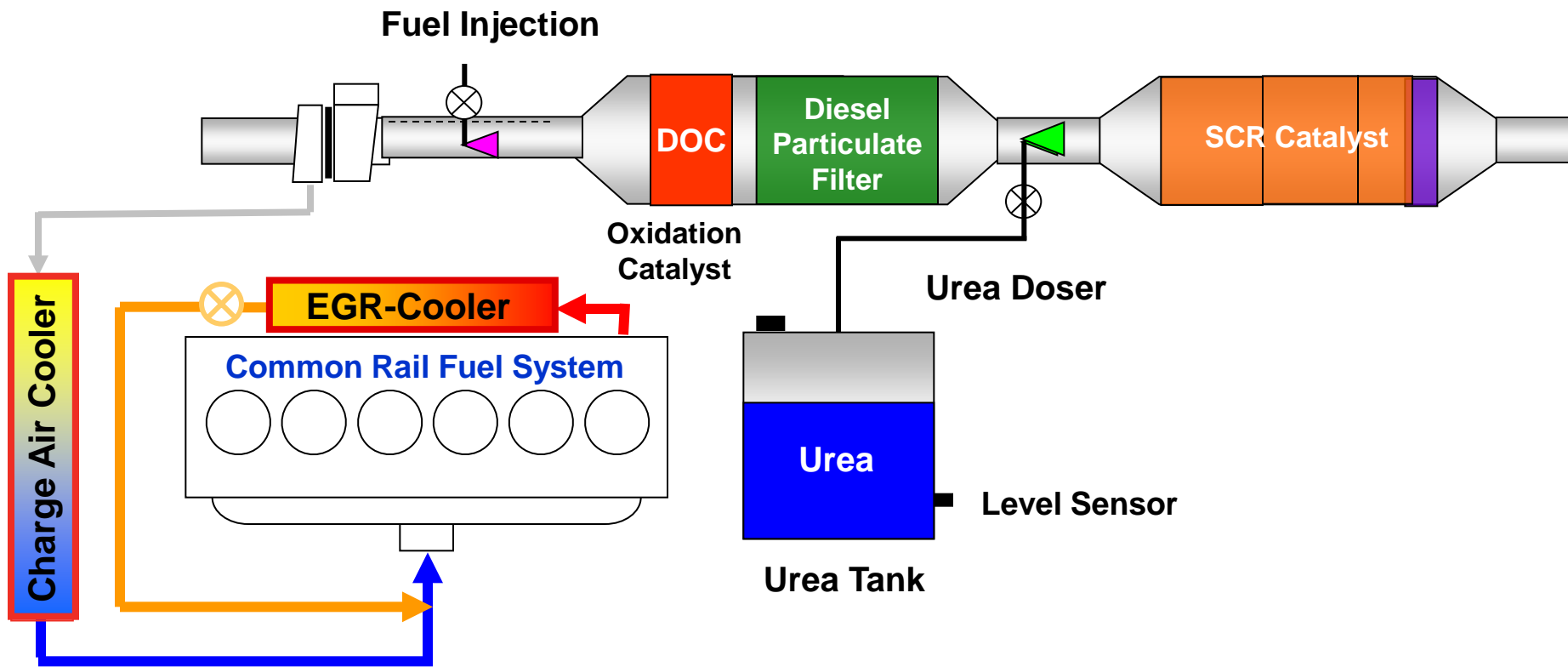
Particulate Filter

Cooled EGR



Same as today

SCR System Architecture



Challenges

- Training
- Tooling



Thank you