

## Engine internal measures:

- Optimization of injection  
(injection pressures up to 3000bar,  
Timing, Multiple Injections  
Rate Shaping)
- High peak cylinder pressures  
(> 250bar)
- Boosting with VTG (> 5bar)
- Full load EGR (up to 50 %)

## External measures:

- Particulate filters with  
active regeneration
- SCR catalysts
- Oxidation catalysts

