

# Available technologies

## SCR (Selective Catalytic Reduction)

### What does it do?

- Reduces  $\text{NO}_x$  (Oxides of Nitrogen)

### What is it?

- Addition of Ammonia to exhaust system (using AdBlue®)

### Effects

- Increased vehicle weight
- Requires AdBlue®

## EGR (Exhaust Gas Recirculation)

### What does it do?

- Reduces  $\text{NO}_x$  (Oxides of Nitrogen)

### What is it?

- Cooled exhaust gas added to intake air

### Effects

- Increased fuel consumption
- Increased maintenance

## DPF (Diesel Particulate Filter)

### What does it do?

- Reduces PM (Particulate Matter)

### What is it?

- Filters out soot particles from exhaust gas
- Once filter is full, increases temperature to burn soot

### Effects

- Increased maintenance to remove ash
- Increased vehicle weight