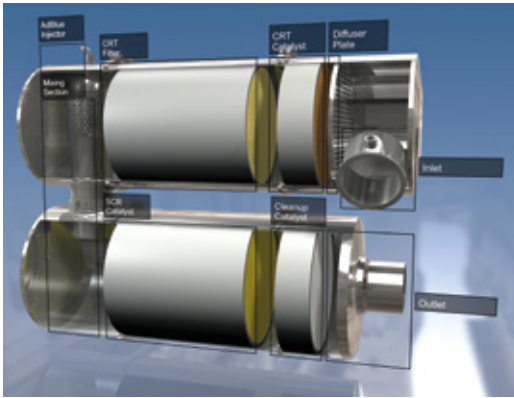
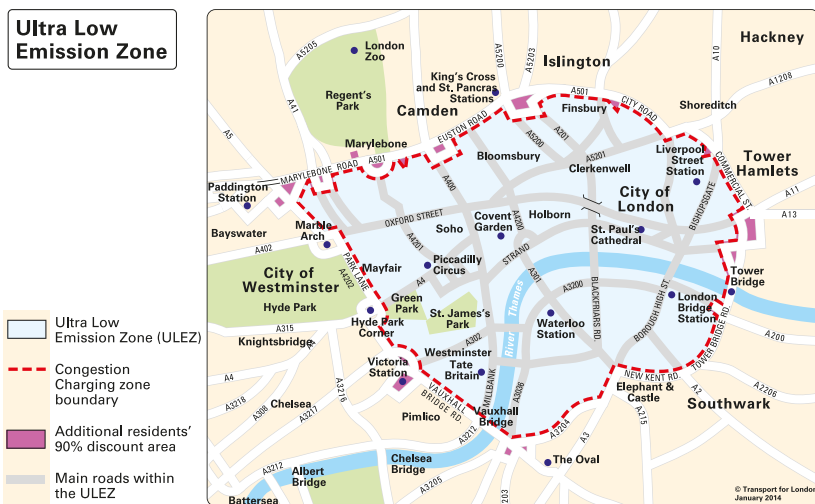


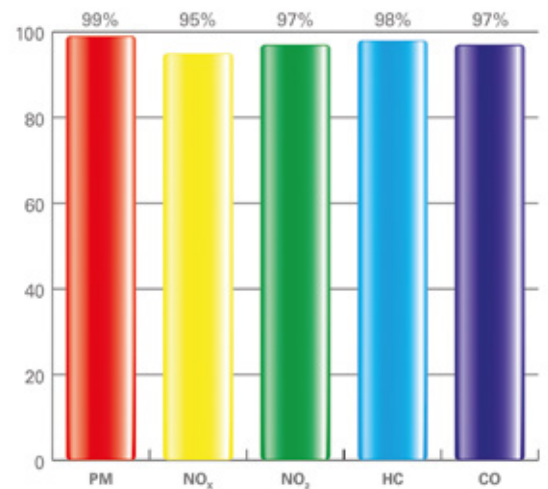
Upgrade for London Ultra Low Emission Zone Retrofit to Euro VI with SCRT®



The London Ultra Low Emission Zone (ULEZ) requires vehicles to be Euro VI or better, or be retrofitted to equivalent exhaust emissions standards (ULEZ standards).



SCRT Emissions Reduction



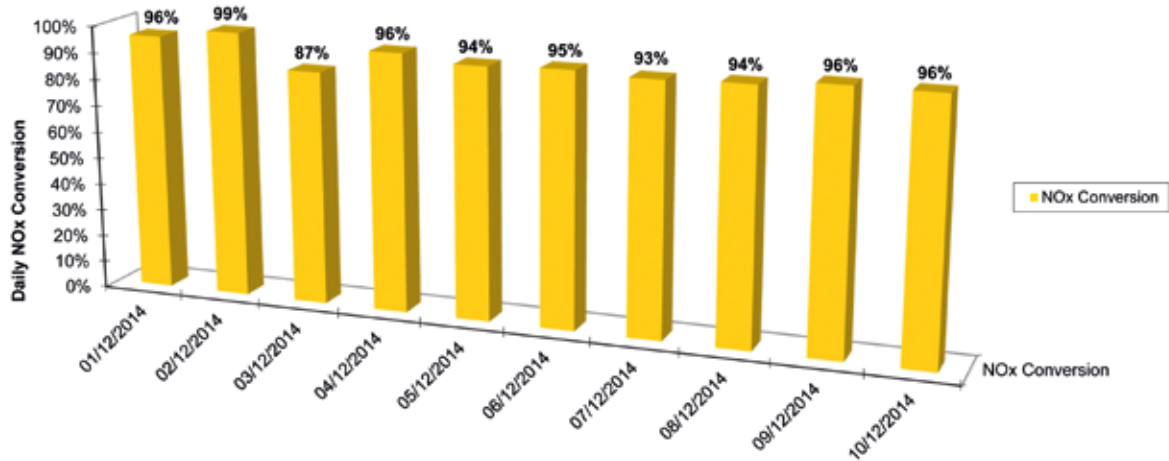
From September 2020, all vehicles entering the ULEZ must meet the standards or pay a daily charge of £100/day (for heavy duty vehicles). The penalty charge for entering the zone with a non-compliant vehicle is £1000 (for heavy duty vehicles).

Eligible heavy duty vehicles can be upgraded to Euro VI ULEZ standards using SCRT® retrofit technology, achieving this at a fraction of the cost of a new vehicle. If a vehicle enters ULEZ more than once a week on average, an SCRT retrofit will pay for itself in about 2 years.



SCRT is proven in real world operation it has been used to upgrade almost 4000 vehicles worldwide. Based on the same technology as used on Euro VI vehicles, it is designed specifically for urban operation.

Real World NOx Conversion City Operation



SCRT combines CRT® and SCR technology

The CRT component houses a specifically formulated oxidation catalyst and ceramic wall flow filter which traps PM, including ultra-fine particles, to reduce both particulate mass and particulate number. This is followed by an advanced SCR section where AdBlue is used to convert NOx into harmless emissions of nitrogen and water, specialist catalyst formulation maximises primary NO₂ reduction. A 'clean up' catalyst is also included to ensure that excess AdBlue, in the form of ammonia, cannot escape from the system.

Our CADi (Control and Diagnostics interface) integrates with the vehicle On Board Diagnostics (OBD) to actively manage the system, optimise performance and provide maintenance alerts.

Our unique mixing technology allows extremely close coupling of the CRT and SCR components, so the system can be configured for best fit on the vehicle. Our applications engineering team have extensive experience of tailoring systems and configurations to maximise performance for each application, whilst fitting often limited space envelopes. The CRT and SCR units are a modular design for ease of maintenance.

SCRT systems are designed and manufactured in the UK and supported by our UK service infrastructure. Eminox have upgraded vehicles for Low Emission Zones, E-Zones and Clean Air Zones across Europe.

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