



Transport & Travel Research Ltd

www.ttr-ltd.com

TRANSPORT, ENERGY & ENVIRONMENT

The need to tackle the negative impacts of transport on air quality and energy consumption is imperative. Wide scale global concern about these issues has led to commitment from international governments to prevent climate change (Kyoto agreement), encourage sustainable development (Rio agreement) and reduce the pollution contributions that harm health (e.g. EU directives). These agreements have been embodied in UK national legislation in the form of local Agenda 21 targets, local transport plans and air quality action plans.

TTR has extensive experience of transport, energy and environmental issues and can count the European Commission, national government and local authorities among its regular clients.



We offer a range of high quality services:

- Strategic environmental assessment of regional, national and European plans and policies;
- Assisting local authorities to implement low emission zones and 'Clear Zones';
- Advising on traffic management and control measures to reduce pollution;
- Trial and evaluation of clean vehicle technologies;
- Evaluating public attitudes towards transport related environmental issues;
- Market research and scheme consultation;
- Applying our emissions modelling tools to assess transport strategy impacts;
- Developing and appraising air quality action plans;
- Advising managers on 'green' fleet management.

The following are examples of projects we have undertaken:

- TTR evaluated the traffic management measures implemented in 7 European cities as part of the EC's Jupiter-2 project. The methods included emissions and energy consumption modelling, and user and operator acceptance of new clean vehicle technologies (e.g. CNG, electric and clean diesel).

Energy & Environment



- TTR has drawn up guidelines for local authorities on reducing vehicle movements before and during high pollution episodes (either through enforced or voluntary restrictions) as part of DfT's Traffic Management and Air Quality Programme.

- TTR developed methodologies and software tools for strategic environmental assessment of road, rail, air and waterborne transport modes within the EC's COMMUTE project.

- Since 1997, TTR has co-ordinated and developed Clear Zones, a DfT initiative to reduce pollution and traffic in towns and enhance manufacturing and export opportunities by developing innovative technologies and transport solutions.
Website: www.clearzones.org.uk

- TTR was commissioned by the Energy Saving Trust to monitor its PowerShift initiative, which provides part funding for clean fuel vehicles. Tasks included developing the initiative,

reporting on the performance of funded vehicles and offering guidance to potential new users on the opportunities and hurdles of operating clean-fuelled vehicles.

Website: www.est-powershift.org.uk

- TTR led research into Low Emission Zones (LEZ) on behalf of the National Society for Clean Air. Projects tasks included defining the LEZ criteria, assessing the practical implementation issues, developing a toolkit for local authorities wishing to create a LEZ, and developing and promoting the concept (Website: www.nasca.org.uk/lez.htm). With a number of other partners, TTR is drawing up a feasibility study for a LEZ in London on behalf of Transport for London, the Association of London Government and the Greater London Assembly.

- TTR, together with Casella Stanger, has undertaken a review of the traffic and transport elements of all UK air quality action plans received by DEFRA and the devolved bodies. The review considers the cost-effectiveness of the plans, and their compliance with Government policies and EU legislation.



*Transport
& Travel
Research Ltd*

Minster House, Minster Pool Walk
Lichfield, Staffordshire, WS13 6QT
United Kingdom
Tel: +44 (0)1543 416416
Fax: +44(0)1543 416681
Email: enquiries@ttr-ltd.com
Web: www.ttr-ltd.com