

Case Study Southwark Biodiesel Project

We have been working with Southwark Council since Spring 2003 to make biodiesel a reality for their fleet.

We conducted a feasibility study on the use of biodiesel on vehicles of various makes and models running on 20% and 30% blends, with a view to testing its reliability and monitoring progress.

Following a successful 9 months of trial, the fleet manager, Matthew Trott, was happily convinced that this fuel was the most sustainable and immediately applicable fuel for his fleet.

From June 2005, 70 fleet vehicles were labelled with a rainbow symbol to demonstrate that they were using modified vegetable oil to get around the city.

With a proposed 300,000 litres per year of 20% blend to be used by the Southwark fleet this coming year, the use of alternative fuel will:

- save 160 tonnes of CO₂
- reduce particulate emissions by 10%
- reduce carbon monoxide by 13%
- reduce unburnt hydrocarbons by 21%.

These savings are an important step to achieving the goals of Southwark's Air Quality Strategy and Implementation Plan, as well as taking steps forward to reducing greenhouse gas emissions from road transport.

For further information on our Biodiesel Consultancy, or to discuss how we can work with your business, please contact Larry Parker:

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The EU Biofuels Directive

Agreed in May 2003, it requires member states to take action to promote the use of biofuels and other renewable fuels in the transport sector.

The Directive has set targets of 2% of road fuels to be biofuel by 2005, and 5.75% by 2010.

The UK government have now introduced a 20 pence per litre duty reduction on biodiesel, making alternative fuels an economically viable fleet option.

