



# Driving improvements with LPG and LNG



There is no escaping the fact that HGV companies are facing increasing pressure to cut carbon emissions. The Freight Transport Association recently claimed cities across the UK could impose charges for the operation of polluting vehicles in congested areas in a bid to tackle air quality, particularly affecting diesel-fuelled HGVs.

## A clean, low cost fuel

For those seeking a cleaner, more efficient fuel than diesel, there are two options available: liquefied petroleum gas (LPG) and liquefied natural gas (LNG).

While switching fuel may seem complex, Calor can work with OEMs and retrofitting companies to take care of the project, from initial specification, to trials and operational delivery. Where relevant, Calor will ensure storage and dispensing facilities are installed professionally, helping to minimise disruption to daily haulage operations.

## Upgrading to dual fuel technology

Older vehicles can be retrofitted to take advantage of dual fuel technology, achieved through a simple conversion to an existing diesel engine. This allows the engine to burn a mixture of LPG and diesel in the combustion chambers. By displacing a proportion of the diesel fuel with LPG, a vehicle will reduce both its fuel costs and carbon emissions.

## Case Study: Noble Foods

Once an egg-laying facility, Noble Foods' main premises near Newark-on-Trent has become the largest free-range egg packaging facility in the world.

As part of its logistics, Noble Foods operates more than 200 vehicles from seven sites across the UK, with the fleet travelling over 11 million kilometres a year and consuming three million litres of fuel. In a move to improve efficiency and reduce cost, the company has upgraded to dual fuel technology.

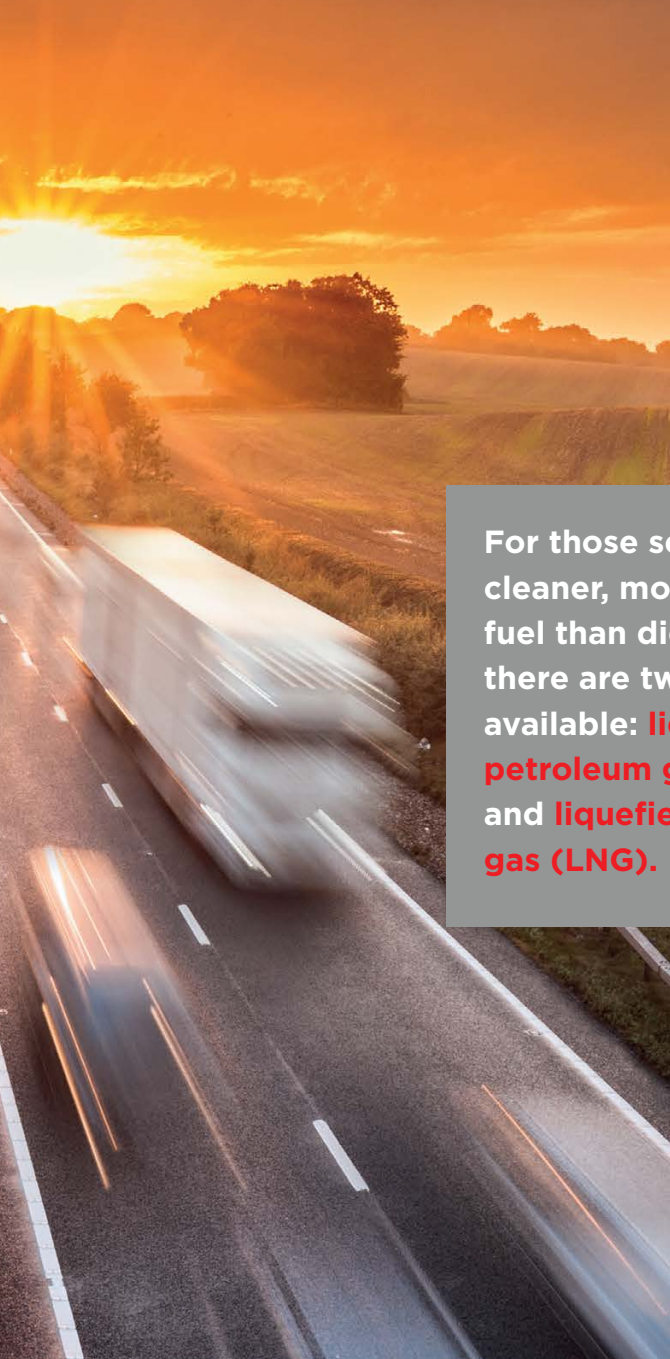
Michael Tucker, Transport Manager at Noble Foods, said: "Since changing to LPG dual fuel, we have reduced our annual fuel bill by 14 per cent. Dual fuel systems have given us the best of both worlds, lower fuel bills and lower CO<sub>2</sub> outputs."

## Sign up for a free trial

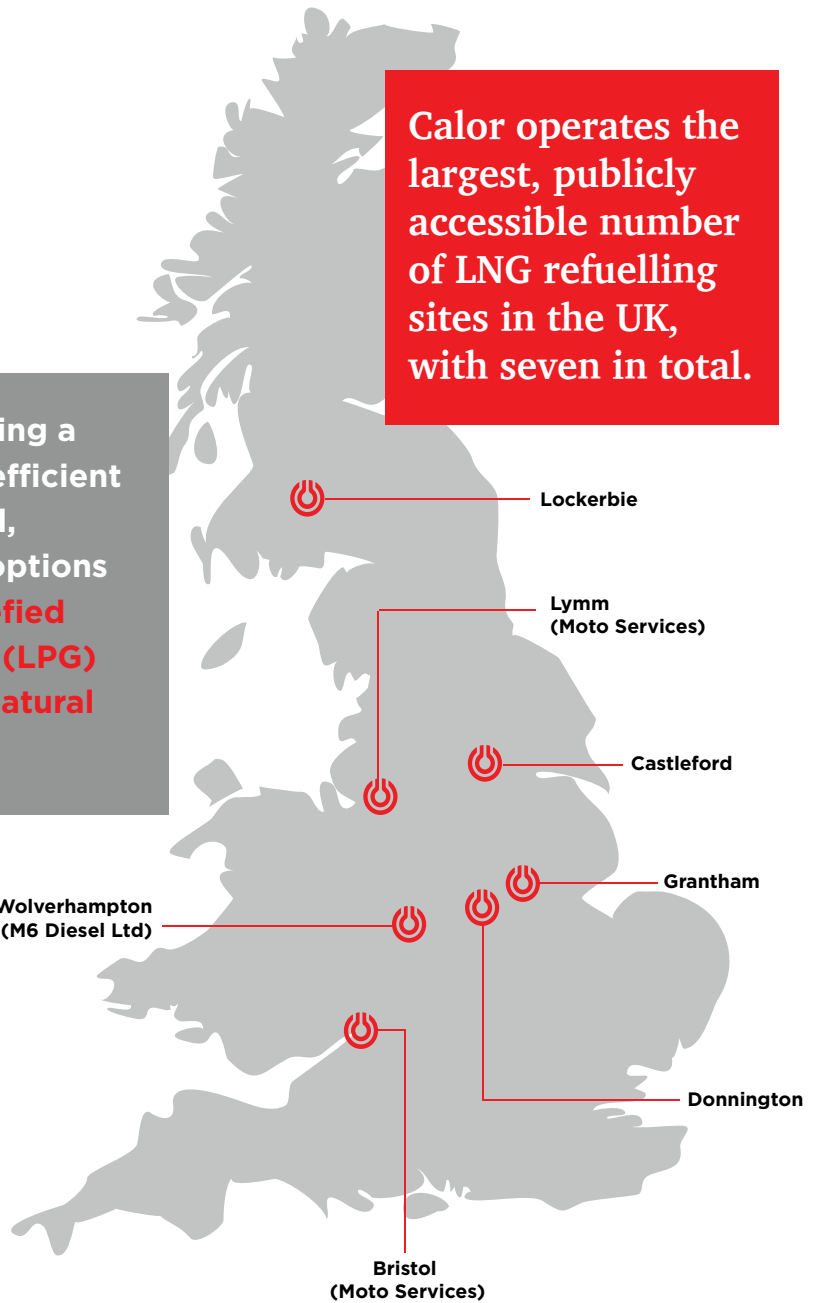
Why not take advantage of the improved efficiencies LPG or LNG can offer your fleet? With Calor, you can sign up to a trial vehicle to experience these benefits first hand. Call us on 0800 121 7827 to find out more.

## The benefits of LNG

Alternatively, replacing a fleet's diesel-fuelled engines with LNG will significantly reduce running costs, as well as deliver a



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**Calor operates the largest, publicly accessible number of LNG refuelling sites in the UK, with seven in total.**

substantial reduction in carbon emissions and harmful particulates, such as NO<sub>x</sub> and SO<sub>x</sub>. In fact, particulate emissions are almost zero from LNG, providing the most efficient solution to HGV fleets seeking to improve their sustainability credentials.

Furthermore, an engine operating on LNG is far quieter than burning diesel in the combustion chambers, ensuring HGVs can operate for longer where noise restrictions apply, such as delivering to supermarkets in residential areas and city centres that may have regulations on traffic and noise abatement issues.

**Why Calor?**

LPG has been used as a road fuel for decades now, mainly in larger transport lorries and trucks. It's an established technology with an extensive infrastructure already in place. Indeed, there are almost 1,500 refuelling points across the country, with Calor operating the largest network.

Calor's dedicated transport specialists are able to assess a fleet's requirements, taking into account considerations such as transport routes, annual mileage and delivery

patterns, and recommend the best business solution to meet these needs.

**On the road**

Interested in finding out more about the opportunities that dual fuel and LNG present? Calor's experts are on the road over the next few months, and will be attending the following exhibitions. Please come and find out how Calor can help improve efficiencies and cut costs.

<p><b>LoCity Gas Roadshow</b> 21st September 2017 Twickenham Stoop Stadium</p>	<p><b>Freight in the City 2017</b> 7th November 2017 Alexandra Palace, London</p>
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**For more information about fuelling your fleet using Calor, please visit [calor.co.uk/business](http://calor.co.uk/business) or call 0800 121 7827.**