



LOWCVP NEWS

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New van technologies guide to help cut fuel cost, emissions and climate impact

The Low Carbon Vehicle Partnership and Cenex have published a new Low Emission Van Guide to coincide with this week's CV Show in Birmingham and the revised licensing for drivers of alternatively fuelled vans (announced yesterday by the DfT.¹)

The number of vans licensed to operate in the UK has grown by a quarter in ten years to 4.1 million vehicles so cleaning up their emissions – which now represent about 33% of all oxides of nitrogen and over 15% of the CO₂ emissions from all road transport - has become an increasingly important focus for policy.

The introduction of clean air zones in London (ULEZ), Birmingham and Leeds (with other cities likely to follow) is adding to the impetus for fleet managers to consider low and zero emission vehicle options. Reducing CO₂ emissions also makes business sense as lower carbon vehicles can be cheaper to run. Rising public awareness about climate change and its impacts is adding to the pressure on both public and business operators to do – and be seen to do - everything they can to tackle this urgent challenge.

The Low Emission Van Guide, intended for use by van buyers, fleet managers and procurement leaders, provides an overview of low emission vans, the alternative fuels and technologies that can be used as well as providing advice on fleet management best practice.

It includes information on:

- the low emission van market and range of government incentives for adoption available
- the most appropriate technologies for circumstances relating to particular fleets
- the key factors to consider in terms of low emission vans, fuels and related technologies
- best practice options for cutting costs and emissions from conventional vehicles
- a selection of 'real world' case studies showing what can be achieved

This practical guide looks at operational, financial and environmental considerations and a range of technology options including battery electric vans; plug-in hybrid and extended range electric vehicles; charging infrastructure; liquefied petroleum gas and BioLPG; compressed natural gas and biomethane; high blend biodiesel and hydrogen fuel cell and dual fuel options.

¹ https://www.gov.uk/government/publications/changes-to-licence-requirements-for-alternatively-fuelled-vehicles?utm_source=81b23c11-ae37-4d60-a969-f59af9305d2a&utm_medium=email&utm_campaign=govuk-notifications&utm_content=immediate

LowCVP's Managing Director, **Andy Eastlake**, said: "Van use is one of the most important and complex road transport sectors. It's been growing rapidly and represents a major source of the polluting emissions which we urgently need to tackle from both air quality and climate change perspectives. Government has committed to all new vans in 2040 being effectively zero emissions, so we need to move now if we're going to get fast enough down that Road to Zero.

"Technology is advancing rapidly in many areas and it's vital that fleet managers are up-to-speed with the latest options. This new guide should help them get close to the forefront of developments and plan for the future."

Cenex's Head of Transport, **Steve Carroll** commented: "With van ownership cycles being anywhere up to eight years, it's essential that fleets now start to investigate, trial and understand how to successfully implement lower emission vehicle technology options so they can form part of a future-proof fleet replacement strategy.

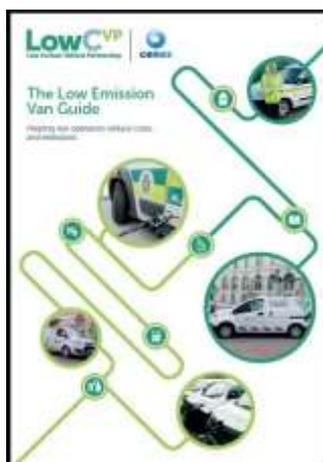
"This clear and informative guide is an essential read for van operators. It sets out the business and environmental case for a range of lower emission and zero emission technology options available to replace the use of conventional diesel vans – as well as an introduction to installing and overcoming infrastructure challenges."

Gerry Keaney, Chief Executive of the British Vehicle Rental and Leasing Association said: "Vans are an essential business tool and mobile workplace for businesses across the UK. At the same time, van users, particularly those operating in urban areas, are coming under increasing pressure to reduce their emissions.

"The next few years will bring an increasingly wide range of low and zero-emission van models, which will be available to buy outright, lease or rent by the year, month, week, day or hour. Van users will have a lot of options and this guide will help them make the right decision."

Print copies of the Low Emission Van Guide will be available at the Commercial Vehicle Show at the NEC in Birmingham (30 April – 2 May) from several stands, including BVRLA (Stand F403), Commercial Motor (4G35) Autogas Ltd (3E30) and Ford (FE10 & FE20).

A digital download of the report is [available here](#)



NOTES TO EDITORS

The **LowCVP** (www.lowcvp.org.uk), which was established in 2003, is a public-private partnership that exists to accelerate a sustainable shift to lower carbon vehicles and fuels and create opportunities for UK businesses. Nearly 200 organisations are engaged from diverse backgrounds, including automotive and fuel supply chains, government, vehicle users, academics, environment groups and others.

Cenex was established in 2005 as the UK's first Centre of Excellence for Low Carbon and Fuel Cell technologies. Today Cenex operates as an independent not-for-profit consultancy specialising in the delivery of projects, supporting innovation and market development, focused on low carbon vehicles and associated energy infrastructure. www.cenex.co.uk

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