

LowCVP Key Achievements 2019-20

| PROJECT | DESCRIPTION | PROJECT LINK |
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|  The Electric Vehicle Energy Taskforce | <p>This highly influential taskforce brought together government and over 350 diverse organisations across the energy, transport and mobility sectors, to ensure that Britain is ready to fully embrace the benefits of mass EV uptake. Together they collaborated on the 21 far-reaching proposals found in the “Energising Our Electric Vehicle Transition” report, launched on 14 January 2020. At the request of government, this was established and facilitated by LowCVP.</p> |  |
| The Clean Vehicle Retrofit Accreditation Scheme (CVRAS) | <p>This year, we achieved a further twelve technology accreditations for buses, coaches, trucks and one black taxi; plus accreditation of the first truck SCR retrofit after-treatment system. LowCVP provides ongoing CVRAS technical support and guidance for JAQU, Energy Savings Trust, Local Authorities, trade bodies and manufacturers.</p> |  |
| Clean Vehicle Retrofit Technology Guide | <p>A comprehensive industry guide to the retrofit technologies now available for different vehicle segments, and how these help achieve the UK’s air policy objectives. Supported by in-depth operator case studies and details of the accreditation process. Launched April 2019.</p> |  |
| Powered Light Vehicles | <p>An in-depth assessment of the future role PLVs could play providing lower impact mobility for UK citizens, undertaken by our Powered Light Vehicle Consortium. Findings published in a report launched at the MCIA strategy event in September 2019, leading to an ongoing ‘future mobility options’ collaboration with the MCIA.</p> |  |
| Life Cycle CO₂e Analysis | <p>We’ve created and applied a high-level tool that explores whole vehicle life cycle CO₂e emissions across a range of vehicle segments, fuels and technologies. In collaboration with the APC, held a series of workshops examining how this thinking can now be integrated into vehicle policy and automotive manufacturing.</p> |  |
| Commercial Vehicle LEFT Emission Testing Programme | <p>Providing ongoing technical guidance, analysis and project support to TRL in the planning and delivery of the ‘Low Emission Freight and Logistics Trial’ emissions testing programme. Initial results shared with government and at CV working group meetings.</p> |  |
| Developing an ‘Ultra Low Emission Truck’ Standard | <p>LowCVP has developed a set of rigorous HGV emissions testing standards for technology developers, OEMs and policy makers, with a view to now setting a defined Ultra-Low Emission Truck standard. Proposal shared with the CV working group; awaiting DfT approval.</p> |  |
| Truck Refrigeration Unit Guide and Testing | <p>Guidance and robust methodology for assessing the energy consumption and emissions performance of commercial vehicle ancillary refrigeration units. Published September 2019, shared with TfL, Transport Scotland and DfT.</p> |  |
| Low-Emission Van Guide Refresh | <p>Educating and informing UK fleet operators on the low-emission vans market; first published in 2016, updated to reflect new products, technologies and policy interventions. Launched in April 2019 at CV show, widely disseminated at events run by CENEX, EST and LowCVP.</p> |  |

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| Commercial Fleet and Depot Electrification | Five regional workshops bringing OEMs, fleet operators, energy and infrastructure suppliers and distributors together to identify the barriers and opportunities for deploying EV infrastructure at commercial fleet depots. Two reports will be published during 2020. |  |
| 'FERG' and Supporting the Road to Zero 15% Industry Commitment for HGVs | Working with our members, EST and the DfT Freight Emission Reduction Group to develop metrics for a voluntary industry-supported commitment to reduce HGV greenhouse gas emissions by 15% by 2025. This work is on-going. |  |
| Ultra Low Emission Bus Accreditation Scheme Support and Market Monitoring | Invaluable support for the bus industry through expert advice, vehicle testing and certification for LowCVP's ULEB scheme, with a further seven vehicles being ULEB accredited this year. Continued engagement, data evaluation, stakeholder workshops and review of deliverables for DfT's 'Low Emission Bus Monitoring Programme', managed by TRL. |  |
| Kick-Starting Low-Emission Coach and Minibus Markets | Working with the CPT to assess the barriers, opportunities and likely technologies for the uptake of low and ultra-low-emission coaches and minibuses. The work continues into 2020 with the first paper (coaches) published end of April, minibus during summer 2020. |  |
| Bus Service Operators Grant Reform in England | Extensive member engagement and workshops on strategies and proposals for reforming the 'Bus Service Operators Grant' to encourage the use of Low and Ultra Low-Emission Buses in England. Member views submitted to DfT. Support for BSOG reform continuing throughout 2020. |  |
| Zero Emission Bus Workshops | A series of in-depth practical workshops for operators and Local Authorities, sharing best practice advice and case studies on the roll-out of electric buses. |  |
| Car Buyer Research | To stimulate the uptake of ULEVs, LowCVP consumer research identified the value car buyers place on both capital and running costs; whilst our automotive website research evaluated the information available to help motorists choose the most efficient and low-emission car. |  |
| Finance and Leasing Association Collaboration | 'Barriers to ULEV uptake' workshops with the motor finance and leasing community concluded that running costs should be included within quotations, and best practice guidance on communicating WLTP fuel economy, CO ₂ emissions and air quality data to consumers is developed. |  |
| Development of a New and Improved 'New Car Environmental Label' | Using LowCVP research and member insights, the 'new car label' has been completely redesigned to present the vital WLTP information motorists need in a clearer, more engaging, impactful way, to encourage the uptake of low and zero-emissions cars. Launched 1 April 2020. |  |
| Improving Car Buyer Information - Road Transport Emissions Advice Group | Bringing government, industry, motoring organisations and other key stakeholders together to facilitate consistent consumer messaging and advice. LowCVP have led the development and dissemination of collaborative communications that both reassure and inform motorists. |  |

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| WLTP Consumer Guide: 'Know Your Fuel Costs' | Helps motorists understand why the new WLTP fuel economy figures can be relied upon and used to find the most economical car, keeping fuel costs down. Launched in January 2019 to members and distributed via NFDA dealers across the UK; later featured in Green Fleet magazine. |  |
| EV Range Consumer Guide: 'Know Your Electric Range' | This tackles the myth that EVs don't go far enough and reassures drivers that they can believe and rely-on the official WLTP range figures now provided. Launched in October to members and distributed via NFDA car dealers across the UK; promoted by Green Fleet magazine. |  |
| New Car Environmental Label Consumer Guide: 'Know Your New Car' | A simple dealer guide to make showroom visitors (and staff) aware of the redesigned car label and how the new information helps motorists choose the lowest carbon car for their journey. NB planned launch late March 2020 now delayed due to dealer closures – future timings TBC. |  |
| Clean Air Zone Consumer Guide: 'Know Your Emission Zones' | Much-needed guidance helping motorists understand the emission zones arriving in 2020 and if their car is affected. NB the lack of availability of the CAZ vehicle checker and uncertainty around additional zones has continually delayed this guide; now on hold until Jan 2021. |  |
| Consumer-friendly Technology Definitions | A set of clear and simple consumer-friendly definitions, helping motorists understand the differences between and benefits of the latest car technologies and terminologies. Undergoing final approval via the RTEAG, but now delayed due to Covid crisis. |  |
| AFID Labelling Scheme Introduction - 'Know Your Fuel' Launch Campaign | LowCVP led production of a fully-integrated 'New Fuel Labelling' launch marketing campaign, comprehensive industry campaign toolkit and dedicated 'Know Your Fuel' website on Gov.uk to help fuel retailers and suppliers inform customers (and staff) about the new E5 / B7 fuel labels. |  |
| Review of BEIS 'Well-to-Tank' GHG Conversion Factors | Critique and recommendations of BEIS well-to-tank GHG conversion factors for natural gas, bioliquid and gaseous biofuel. Includes new LowCVP well-to-tank calculations for hydrogen production. Engagement with key stakeholders and members, feedback received from BEIS. |  |
| Renewable Fuels Guide | Stimulating the uptake of high blend biofuels amongst commercial fleets by providing valuable case studies and guidance on vehicle capability, refuelling options, operational costs and incentives. Launched March, disseminated to FTA, RHI, EST, TfL, LoCity and Urban Transport Group. |  |
| Transport Energy Network | A collaborative between LowCVP, APC and Brighton University, engaging with the R&D community to develop a cross-sector transport energy and fuels decarbonisation 2050 roadmap. Presented to Government in April. |  |