

## Key Achievements 2020–21

Project	Description	Link
Zemo Partnership Launch: from low to zero	<p>After 18 highly successful and influential years as LowCVP, we launched our bold new name, strapline and identity on 18 February 2021.</p> <p><b>Zemo Partnership</b> recognises that ‘low’ is no longer enough, embracing our commitment to achieve a zero emissions future, strengthening our determination to make change happen faster.</p> <p>The launch of our new name, brand and positioning was accompanied by a new more engaging website, with improved usability and focus that better promotes our purpose and the work we do; together with a comprehensive set of brand guidelines and collateral.</p> <p>Zemo Partnership’s arrival and positioning has been exceptionally well received by our members, the media, Government and industry, paving the way for change and accelerating transport to zero emissions.</p>	
Virtual Annual Conference 2020	<p>Our first virtual annual conference on 15 July 2020 was a huge success, with 700+ delegates enjoying lively interactive sessions on achieving a green post Covid recovery. Senior figures from across all sectors took part, with a keynote speech from Rt Hon Grant Shapps MP.</p>	
<p><b>Electric Vehicle Energy Taskforce: bringing senior cross sector stakeholders together to guide Government and industry on ensuring our energy system is fully ready for the mass take up of EVs.</b></p>		
Electric Vehicle Energy Taskforce: phase one	<p>At the request of Government, Zemo Partnership have continued to build and manage this highly influential taskforce, successfully completing phase one with publication of four in-depth technical reports supporting the far reaching findings &amp; recommendations of the taskforce’s original report: ‘<u><a href="#">Energising our electric vehicle transition</a></u>’.</p>	
Electric Vehicle Energy Taskforce Portal	<p>The delivery of ‘EV Energy Taskforce phase one’ was supported by the creation, development and launch of an engaging and dynamic EVEnergyTaskforce.com portal.</p>	
Electric Vehicle Energy Taskforce: phase two	<p>To announce ‘EVET phase two’ we developed and managed a high profile virtual launch event, attracting industry wide influencers and over 370 delegates.</p>	



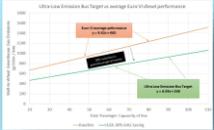
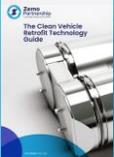
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Electric Vehicle Energy Taskforce: phase two	The taskforce has continued to engage Ministers, senior policy and industry figures from energy, infrastructure and transport, further establishing the influence of the phase two steering and working groups; culminating in publication of the 'From Proposal to Actions' report, setting out the state of the EV charging landscape and the priority objectives for Government, industry and the Taskforce for 2020/21.	
<p><b>Our new Energy Infrastructure Working Group</b>, chaired by Lorna McAtear from National Grid, brings members and Government together to actively support the decarbonisation of the entire road transport sector. This newly formed group builds on the strategic initiatives identified by the Electric Vehicle Energy Taskforce, providing an active coordinated forum for the Partnership's electrification activities.</p>		
Electrification of Depot Based Fleets	A series of collaborative Zemo workshops capturing real life experiences and learnings from bus and commercial operators, delivering comprehensive recommendations to Government (inc. the BEIS Grid Connection roundtable) and guidance for fleets on depot based electrification.	
Guidance on Local Energy and Transport Planning	A newly formed EVET partners working group, supporting Government to develop local combined energy and transport plans (a priority identified by EVET) and provide local authorities with much needed guidance on delivering, operating & maintaining public EV charging.	
Improving the EV Consumer Experience	Widescale consumer adoption of smart charging and a positive customer experience are critical to mass EV uptake. This project, with EVET partners, develops robust proposals on how this is best promoted and complaints handled, building on consumer insights and market segmentation evidence, plus our own workshop findings.	
Standards for Smart Charging and Cyber Security	Paving the way for future innovation, this group brings EVET partners together to make detailed proposals to Government and industry on the approach and technical standards for smart charging, interoperability & security.	
Data Requirements for Smart Charging	Data is at the heart of smart charging, but this has to be controlled. This EVET partner working group explores the data challenges and desired consumer outcomes for success: the data required, what's shared, who owns it?	

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<p><b>Fuels Working Group:</b> developing schemes and initiatives to increase the adoption of sustainable low carbon fuels, such as biofuels and renewable hydrogen.</p>		
Renewable Fuels Assurance Scheme	Created and managed by Zemo Partnership, our pioneering new scheme will help fleet managers drive down their greenhouse gas emissions by choosing the most sustainable low carbon fuel.	
Transport Energy Network Report and Roadmap	A collaboration between APC, Brighton University and Zemo Partnership, culminating in publication of an R&D-led cross sector energy and propulsion '2050 Transport Decarbonisation Roadmap'; presented at LCV event 2020.	
Decarbonising HDVs Using High Blend Renewable Fuels	Zemo study and report exploring how the wide scale adoption of high blend renewable fuels by HDVs can significantly reduce GHG emissions and play a pivotal role achieving the 2032 RTFO targets.	
Renewable Fuels Guide 2021	Helping fleet operators cut carbon emissions by providing an invaluable overview of all the low carbon, sustainable fuels now available, focusing on high blend biofuels for commercial vehicles. Supported by a webinar to 75 fleets.	
Harmonising GHG Sustainability Criteria	Zemo & Supergen Bioenergy Hub study, report and webinar examining how GHG sustainability criteria vary between sectors and why a harmonized Govt framework is required to prevent market distortion.	
The Role of Hydrogen in Net Zero Transport	Formation of Zemo Partnership's hydrogen special interest group, launching with a Zemo webinar and detailed study of the well-to-tank greenhouse gas emission values and pathways for hydrogen and its role in net zero transport.	
E10 Petrol Consultation and Announcement	Zemo have fully supported the introduction of E10 through extensive consultation input, establishing key stakeholder groups and exploring an enhanced vehicle compatibility checker; in readiness for launch collaboration with DfT.	
Innovations in Sustainable Fuels Webinars	A series of four highly informative webinars (with the RTFA) that attracted over 250 participants, showcasing the very latest developments and thinking in sustainable low carbon fuels in the road and aviation sectors.	

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<p><b>Bus and Coach Working Group:</b> accelerating the introduction of ultra-low and zero emission buses, working with passenger transport companies, local authorities and government</p>		
Electrification of Bus Fleets Webinars	A series of five interactive webinars sharing the experiences of operators and local authorities who have overcome the challenges of electrification.	
Ultra Low Emission Bus Certification	Zemo Partnership's low (LEB) and ultra low (ULEB) schemes continue to provide invaluable support and guidance for the bus industry, with a further 11 vehicles being tested and ULEB accredited this year.	
Minibus Market Review	A member-only webinar providing insights into the UK minibus market, OEMs, incentives, challenges & opportunities for alternative powertrains.	
Market Monitoring and Developing Policy	Sitting at the heart of our LEB /ULEB schemes, our Bus Working Group plays a pivotal role supporting Government developing future schemes, policies; by building evidence, data, assessing the market.	
Clean Vehicle Retrofit Technology Guide 2021	Providing vehicle operators and local authorities with a clear understanding of national air quality frameworks for reducing roadside NO <sub>2</sub> and the retrofit technologies available to achieve them.	
Supporting the Green Recovery	A paper informing and guiding the National Bus Strategy on funding and infrastructure options to achieve a zero emissions fleet; based on consultation with Zemo Bus Working Group.	
Bus Decarbonisation Taskforce	Zemo Partnership were actively involved in the creation and development of this exciting new joint initiative between industry and government to decarbonise Scotland's bus fleet.	
An Analysis of the UK Coach Market	A rigorous assessment of UK coach market size, turnover, usage and emissions; derived from robust data and in-depth engagement with coach operators, manufacturers.	

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<p><b>Commercial Vehicles Working Group:</b> for manufacturers, operators, suppliers, technical experts and all those committed to driving the transition to cleaner, greener road freight.</p>		
Low Emission Freight Trial Webinars	A series of interactive webinars, viewed by over 200 delegates, bringing the findings and implications of this innovative testing programme to life and demonstrating the emission reducing capabilities of new technologies.	
Low Emission Freight Trial Report	Zemo Partnership has played a critical role providing technical guidance and support to this multi million £ freight emissions test programme, presenting the results and key findings to industry and Government.	
Electrification of Commercial Fleets	Whilst there are clear opportunities for commercial vehicle electrification, there are also challenges. This cross-sector project identified these barriers and provides operators invaluable practical advice to overcome them.	
Zero Emission Vehicle Policy	Zemo Partnership led collaboration with key industry stakeholders and DfT to develop a new flagship scheme to encourage the uptake of zero and ultra low emission trucks, backed by robust testing and eligibility criteria.	
Freight Emission Reduction Group Support	Supporting DfT and industry on their path to deliver a 15% reduction in carbon emissions by clearly defining targets, assessment criteria and measurement tools; developing a best practice operators guide to the latest technologies.	
Supporting the HGV Market Decarbonisation	Our CV working group plays a pivotal role synthesizing evidence, facilitating expert engagement and providing input and proposals to inform the development of policy to encourage the introduction of low emission trucks.	
<p><b>Passenger Car Working Group:</b> working with manufacturers, fleet operators, suppliers, environment and consumer groups to accelerate the adoption of zero emission cars.</p>		
Consultation on Ending the Sale of New Petrol, Diesel and Hybrid Cars & Vans	Accelerating an end to the sale of new ICE cars and vans is one of the boldest and far-reaching moves to reduce transport emissions. In support, Zemo held a series of collaborative workshops to assess members' views and conducted robust impact assessment and emissions analysis based upon different phase-out scenarios. Our recommendations were presented in a full report to DfT.	



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Powered Light Vehicles	To stimulate uptake of zero emission PLVs, Zemo ran a series of engaging member workshops with the MCIA to identify policy barriers and market opportunities; and released a draft 'L8' specification for review.	
Launch of 'New Car Environmental Label' 2020	Completely redesigned, based upon consumer research and member insight, to present vital environmental and WLTP information in a clearer, more meaningful, engaging, way to encourage uptake of low and zero-emissions cars.	
PR Launch & Dealer Guide for New Car Environmental label	As dealerships reopened in Summer 2020, we ran a large scale PR campaign and consumer survey with the NFDA to build awareness of the new car label, and produced an engaging consumer guide for use by all NFDA dealers.	

**Collaborative Initiatives:** joint working group projects where content crosses over multiple sectors or falls outside existing work areas, overseen by the Members Council.

Life Cycle Analysis Webinars	Zemo are at the forefront of exploring vehicle lifecycle CO <sub>2</sub> e emissions, holding 5 webinars (with APC) to raise awareness of the true environmental impacts of zero emission vehicles and low carbon fuels; 650+ attendees.	
CAZ Workshop for Local Authorities	To ensure the success of Clean Air Zones, Zemo has been working with local authorities, vehicle manufacturers, fuel suppliers, technology & infrastructure providers to develop introductory collaborative workshops in key cities.	
Government Consultation Analysis & Response	Throughout the year, we've supported DfT and other departments by providing in-depth analysis, robust interrogation and detailed responses to consultations and calls for evidence; based upon our own expertise, member feedback and working group collaboration: <ul style="list-style-type: none"> <li>🔗 203X end of sale to new ICE cars – extensive member engagement &amp; robust impact assessment conducted.</li> <li>🔗 203X end of sale to new ICE vans – CV workshop series.</li> <li>🔗 Future of mobility.</li> <li>🔗 VED call for evidence.</li> <li>🔗 Vehicle CO<sub>2</sub> regulations.</li> <li>🔗 TDP engagement workshops on behalf of OZEV.</li> <li>🔗 APC technology roadmaps.</li> <li>🔗 RTFO buyout consultation.</li> </ul>	



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Transport Scotland & Scottish Enterprise	<p>Scottish Ministers' vision is that by 2050, Scottish towns, cities and communities will be free from the damaging effects of petrol and diesel fueled vehicles. Zemo Partnership has played an integral part in helping to deliver this vision, by providing analysis and guidance across key areas:</p> <ul style="list-style-type: none"><li>🔗 ULEV market report (passenger car &amp; LCV)</li><li>🔗 TCO analysis (passenger car)</li><li>🔗 Lifecycle CO<sub>2</sub>e assessment for cars and buses, <a href="#">summary report</a> &amp; presentation</li><li>🔗 ULEB bids review</li><li>🔗 TRU baseline test programme</li><li>🔗 HDV &amp; specialist vehicle market report and supply chain opportunities</li><li>🔗 Presented at Scottish Enterprise HDV market opportunities webinar</li></ul>	