

RESET 2020: DRIVING THE GREEN RECOVERY

How can we seize the opportunity for an investment-led green recovery in road transport?

WELCOME

#LowCVP2020

It is our great pleasure to welcome you to our first online LowCVP Annual Conference – RESET 2020, Driving the Green Recovery.

We look forward to working with you to define how the UK can seize the opportunity for an investment-led green recovery in road transport as we emerge from lockdown.

This is a pivotal year for road transport. With the Government now consulting on a phase-out of ICE cars and vans within 15 years and a new Transport Decarbonisation Plan in the offing, change is coming down the road – and fast.

We welcome this and aim to galvanize our membership to help accelerate the net zero transition.

This year we're delighted to have attracted 800+ delegates and so many great speakers, panellists and contributors to our online event. We hope you'll stay on the Hopin platform for the full event; listen to – and interact with – our live sessions and debates; respond to the 'battle of the policy pitches' and join the afternoon break-out sessions for more detailed and focused discussions.

Do also make the most of the exhibition and networking opportunities during the lunchtime interval; many of our exhibitors will be available to speak to in person using a Zoom-style video link. You can also get involved with the three-minute 'speed networking'- meet another delegate and decide if you want to 'link In' – or ask specific delegates to a video call, or interact through 'chat'.

We would also like to express our thanks to our sponsors, media partners and other collaborators. Please do visit them in the virtual exhibition and networking area.

Don't forget to tweet your comments throughout the Conference using #lowcvp2020 and, of course, continue to work with us over the coming years as we travel together down the road to zero.

Have a great day!

Andy Eastlake

Managing Director

LowCVP



Philip Sellwood CBE

Chair

LowCVP





AGENDA

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Session One

Emerging from the lockdown — visions of a decarbonised transport future

11.30 Welcome

Andy Eastlake, Managing Director, LowCVP

11.35 Introduction to hopin platform

Rashida Noray, Green TV

Welcome from conference chair

James Murray, Editor-in-Chief, Business Green

11.40 Resetting the vision

'Visionary prescriptions' for road transport decarbonisation

This session will include an opportunity for delegates to vote on propositions for future policy put forward by the following speakers:

Dimitri Zenghelis, Special Advisor to the Wealth Economy, Bennett Institute, University of Cambridge

Sir John Armitt CBE, Chair, National Infrastructure Commission

Caroline Russell AM, National Green Party Spokesperson for Local Transport

Followed by a panel discussion













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12.20 Policy prescriptions

(introduced by James Murray)

This interactive session will include short selected video contributions (two-minute policy pitches') from stakeholders who will present policy ideas to prompt discussions around the Government's Transport Decarbonisation plan.

Policy pitches from:

Peter Mock, EU Managing Director, International Council on Clean Transportation (ICCT)

Greg Archer, Director UK, Transport & Environment (T&E)

Doug Parr, Chief Scientist, Greenpeace

Claire Haigh, Chief Executive, Greener Journeys

John Siraut, Director, Economics, Jacobs

Greg Harris, Global Electrification Services Leader, Horiba Mira

Toby Poston, Director of Corporate Affairs, BVRLA & other

Delegates will have an opportunity to express a response to the policy pitches.

Session Two

Resetting the industry - How are we going to change the road transport paradigm and achieve net zero?

12.30 Panel discussion

Mel Lane, Chief Executive, NewMotion

Carlos Rodrigues, Managing Director, Renault Trucks UK & Ireland

Kevin Chowings, Managing Director, NatWest Future Mobility Group

Discussion and Q&A













13.15 Making the most of the exhibition/networking on hopin platform

Rashida Noray, Green TV

13.20 Break with virtual exhibition and networking

Session Three

Ministerial keynote and break-out sessions

14.30 Welcome

James Murray, Editor-in-Chief, Business Green

14.35 Ministerial keynote speech

Rt Hon Grant Shapps MP, Secretary of State for Transport

followed by Q&A with

Dr Bob Moran, Head of Environment Strategy, Department for Transport

14.50 LowCVP response and survey feedback

Andy Eastlake, Managing Director, LowCVP

15.05 Policy prescriptions

(introduced by James Murray)

This interactive session will include short selected video contributions (two-minute policy pitches) from stakeholders who will present policy ideas to prompt discussions around the Government's Transport Decarbonisation Plan.

Delegates will have an opportunity to express a response to the policy pitches.













15.15 Breakout sessions

Moving to Action: The role of key sectors in context of the Transport Decarbonisation Plan

How to access the break-out sessions, short video by Rashida Noray

Delegates will have the opportunity to attend one of the following sessions:

Parallel Session 1
Moving people

Led by **Dan Hayes** and **Jonathan Murray**, LowCVP

Speakers:

Rob Whitehead, Director of Strategic Projects, Centre for London

Prof Jillian Anable, Chair in Transport and Energy, University of Leeds

David Skipp, Director, Partnerships & Innovation, Ford Mobility

Jonathan Bray, Director, Urban Transport Group

James McKemey, Head of Insights, Podpoint

Parallel Session 2 Moving freight

Led by **Brian Robinson** and **James McGeachie**, LowCVP

Speakers:

Olly Craughan, CSR General Manager, DPD UK

Chris Ashley, Head of Policy, Road Haulage Association

John Comer, Product Manager, Volvo Truck

Ian Wainwright, Director, Future City Logistics

Parallel Session 3
Fuelling movement

Led by **Gloria Esposito** and **Andrew Fraser**, LowCVP

Speakers:

Jo Howes, Principal Consultant, E4Tech

Freya Burton, Chief Sustainability and People Officer, Lanzatech

Justin Laney, General Manager – Fleet, John Lewis Partnership

Richard Kemp-Harper, Strategy Director, Arcola Energy

Dickon Posnett, Director of Corporate Affairs, Argent Energy

16.10 Summary, follow up actions and close

(introduced and closed by James Murray)

Philip Sellwood, Chair, LowCVP

16.15 Making the most of the exhibition/networking on hopin platform

Rashida Noray, Green TV

16.20 Virtual exhibition and networking continues

17.30 Conference closes















Andy EastlakeManaging Director
LowCVP

Andy was appointed as the LowCVP's Managing Director in April 2012, after serving both on the board and as chair of the Members Council for many years.

Andy has a strong background in vehicle engineering, specialising in powertrain developments, fuel economy and emissions. He was formerly Group Head of Commercial and Projects at Millbrook Proving Ground where he led the work on powertrain test and development programmes and alternative fuels for a variety of global OEM customers.

As Head of Laboratories Andy was responsible for all technical aspects of the Millbrook business and for government and European legislative relations. He joined Millbrook after a year's training with Vauxhall Motors by whom he was sponsored to study for a degree in Mechanical Engineering at Southampton University. He is also a Fellow of the Institution of Mechanical Engineers.



James Murray
Editor-in-Chief
BusinessGreen

James Murray is the Editor-in-Chief of BusinessGreen having launched the site in October 2007. He is responsible for BusinessGreen's leading news, opinion and analysis, and also contributes to the brand's expanding events programme. James is one of the UK's leading commentators on the low carbon economy. He writes occasionally for the Guardian newspaper and has also reported for BBC Radio on a number of green technology stories.

He reports daily on a wide range of green business issues, with a particular focus on low carbon policy, economics and technology. In March 2011, he was voted number eight in the Press Gazette's list of the top 50 environmental journalists in the UK. Prior to launching BusinessGreen James spent five years as a technology journalist working on a variety of IT titles.





Dimitri Zenghelis

Special Advisor: the Wealth Economy
Bennett Institute, University of Cambridge

Dimitri is a Senior Visiting Fellow at the Grantham Research Institute at the LSE where, from 2013-2017, he was Head of Climate Policy. In 2014 he was Acting Chief Economist for the Global Commission on the Economy and Climate (a.k.a The New Climate Economy). He was recently Senior Economic Advisor to Cisco's long-term innovation group and an Associate Fellow at the Royal Institute of International Affairs, Chatham House.

Previously, he headed the Stern Review Team at the Office of Climate Change, London, and was a lead author on the Stern Review on the Economics of Climate Change, commissioned by the then Chancellor Gordon Brown. Before working on climate change, Dimitri was at HM Treasury including four years as Head of Economic Forecasting where he provided regular briefings to the Chancellor Gordon Brown and Prime Minister Tony Blair. He currently advises the Mayor of London and the UK Committee on Climate Change.



Sir John Armitt CBE

Chair

National Infrastructure Commission

Sir John Armitt is Chairman of the National Express Group, City & Guilds Group, and the National Infrastructure Commission. Sir John is also on the Board of the Berkeley Group and Expo 2020.

In September 2013 Sir John published an independent review on long term infrastructure planning in the UK. The recommendations in the Armitt Review received widespread support and in large part have now been adopted by the current government, resulting in the National Infrastructure Commission.

Sir John was Chief Executive of Railtrack plc from 2001-2002, Chief Executive of Network Rail from 2002-2007, Chairman of the Olympic Delivery Authority from 2007-2014, Chairman of the Engineering and Physical Sciences Research Council from 2007-2012, a member of the Airports Commission from 2012-2015, a member of the Board of Transport for London from 2012-2016 and a Board member and later Chairman of the Thames Estuary 2050 Growth Commission from 2016-2018.

Sir John was awarded the CBE in 1996 for his contribution to the rail industry and received a knighthood in 2012 for services to engineering and construction.





Caroline Russell AM

Spokesperson for Local Transport

National Green Party

Councillor Caroline Russell is one of two Green Party representatives on the London Assembly and is Councillor for Highbury East within the Islington North constituency. She is national transport spokesperson for the Green Party.

Caroline has lived in Islington since 1986, initially in Kings Cross and since 1992 in Highbury. She is married with three children. She has Fine Art degrees from Oxford (BA) and Goldsmiths (MA) and a B.Eng in Civil Engineering from City University. Over the years she has worked as an artist, bicycle dispatch rider, community arts leader, university lecturer and, after a period of full time parenting combined with community activism and school governing, as a transport and clean air campaigner.

In 2016, Caroline was elected to the London Assembly where she is leader of the Green Group. She is Chair of the Environment Committee and sits on Transport, Economy and EU Exit committees.



Mel LaneChief Executive
NewMotion

Mel is currently CEO of NewMotion, one of Europe's largest electric charging providers. Before taking the role this year, Mel had been managing commercial businesses within Shell for the past 15 years across Asia, Australia, UK and Europe. NewMotion was acquired by Shell in 2017 and is dedicated to driving the energy transition in mobility through the provision of EV solutions and services across Europe, based out of the Netherlands.

In addition, Mel has a particular interest in promoting and leveraging diversity and as a part of this provides mentoring support to women cross sector. She also spends time promoting leadership and thought development amongst teenagers from both local and international communities to help prepare them for the complex world of tomorrow.

Mel has held a number of Non-Executive positions for both Shell joint ventures and in the charity sector, most recently as a Trustee of the Whitehall Industry Group which seeks to promote cross sector learning and understanding, based in the UK, and as a Trustee of IJM, the largest global organisation combating human trafficking and modern day slavery, based in Washington.



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SPEAKERS

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Carlos Rodrigues Managing Director Renault Trucks UK & Ireland

Appointed in October 2018, one of Carlos' key focuses is to drive the brand's electromobility journey, with a full Electric Range of Renault Trucks vehicles available from 3.1t to 26T now a reality. For Carlos, making the decarbonization of the road industry sustainable, is the only way to achieve the required reductions in GHG emissions.

Carlos has more than 15 years' experience in the automotive sector all spent within the Volvo Group. Starting as an Internal Auditor, Carlos gained a deep understanding of the commercial business. In 2009 he relocated to Spain where he successfully reshaped the Renault Trucks wholly owned operations during the financial crisis. Carlos then moved on to Sweden where he held various Vice-President roles on the financial side of the organization and then in 2016, he relocated to the UK to become the Volvo Group UK & IE Chief Financial Officer.

Having lived in four different countries, Carlos also fluently speaks four languages. He holds two Master Degrees in Finance and Business Administration. With a Finance background Carlos knows that the equation will not be easy to solve, but believes that already today there are enough components to solve part of it and begin the journey towards a fossil-free road industry.



Kevin Chowings

Managing Director

NatWest Future Mobility Group

Kevin joined NatWest in 2001 and has held a variety of credit, origination, project and strategy roles. He now heads the Future Mobility Group tasked with developing propositions that support the decarbonisation of UK transport industries and customers to a net zero carbon world.



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#LowCVP2020



Rt Hon Grant Shapps MP
Secretary of State for Transport
Department for Transport

The Rt Hon Grant Shapps was appointed Secretary of State for Transport on 24 July 2019. He was Minister of State at Department for International Development from 11 May 2015 until 28 November 2015. He was elected the Conservative MP for Welwyn Hatfield in 2005.

Grant was appointed Vice Chairman of the Conservative Party in 2005, before being made Shadow Housing Minister in June 2007. Following the 2010 election, he served as Minister of State for Housing and Local Government in the Department for Communities and Local Government. Grant was appointed to the Privy Council in June 2010. In September 2012 he was appointed as co-chairman to the Conservative Party. At the same time he held the position of Minister without Portfolio at the Cabinet Office.



Dr Bob MoranHead of Environment Strategy
Department for Transport

Bob is Head of Environment Strategy at the UK's Department for Transport having previously worked at the UK's Office for Low Emission Vehicles, a cross Government policy unit working to position the UK as a global leader in the design, development, manufacture and deployment of zero emission vehicles and associated technologies.

Bob was awarded a Ph.D. in Biomechanical Engineering from Edinburgh University in 2002 having graduated from there with an Honours degree in Mechanical Engineering in 1997. Bob is an Associate Member of the I Mech E.



RESET 2020: DRIVING THE GREEN RECOVERY

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SPEAKERS

#LowCVP2020



Rob WhiteheadDirector of Strategic Projects
Centre for London

Rob is Director of Strategic Projects at Centre for London. He leads on transport and on climate emergency and environment. Current work includes micromobility and decarbonising heat in London. He also directs a multi-year programme with partners across London to re-imagine London's future. He rejoined the Centre in 2020, after initially helping to establish the organisation in 2011.

Previously Rob led on strategy and business planning for the London Development Agency, working closely with the Greater London Authority to deliver and implement an economic development strategy for London.

In 2012, Rob joined the executive team at United Nations agency International Trade Centre, in Geneva. He returned to the UK as Head of Strategy at Future Cities Catapult, part of a network of UK government-backed innovation agencies.



Prof Jillian Anable
Chair in Transport and Energy
University of Leeds

Jillian is Professor of Transport and Energy at the Institute for Transport Studies, University of Leeds. Her research addresses the potential for demand-side solutions to reduce carbon and energy from transport. Broadly, her current research direction investigates 'the future of the car' – bringing together socio-technical developments including electrification, new mobility services and the psychology of car owning and driving to explore the concept of 'car usership' to assess the potential impact of these on the energy system.

Jillian has led large interdisciplinary research teams and projects mainly funded by UK Research Councils (RCUK), the Energy Technologies Institute, the UK Department for Transport, Scottish Government and the European Union. She has sat on a number of advisory boards and strategy panels for UK Government Departments, the Climate Change Committee, US Department of Energy, House of Lords Science and Technology Committee, RCUK and NGOs, including currently acting as Chair to the Research and Evidence Group for the Scottish National Transport Strategy Review.



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SPEAKERS

#LowCVP2020



David SkippDirector, Partnerships & Innovation
Ford Mobility

David Skipp is Director, Partnerships & Innovation, Ford Mobility at Ford Motor Company. In this role since May 2018, David builds a portfolio of opportunities to grow Mobility business solutions. David also works closely with a number of industry bodies, and is currently Chair of the 'Intelligent Connected AutoMobility (ICAM)' working group of UK Automotive Council.

In his previous role, David was Manager, UK Research and Advanced Engineering, responsible for running collaborative research projects in the UK in association with University, SME, Supply Chain and other industry partners. Prior to that, David was Manager, Sustainability Planning & Strategy, responsible for Emissions, CO2, and Powertrain Technology strategies and resulting future product plans for Ford of Europe markets. Before that, David was Manager, Gasoline Powertrain Development, responsible for gasoline engine development and calibration.

Since graduating from Brunel University with a multi-discipline engineering degree, David has held a number of Powertrain Development, Vehicle Development, and Strategic Planning roles in over 30 years at Ford Motor Company.



Jonathan BrayDirector
Urban Transport Group

Jonathan has been the Director of the Urban Transport Group since 2008. He is also a visiting senior fellow at LSE Cities, a Commissioner on the Commission on Travel Demand and a fellow of the Chartered Institute of Highways and Transportation.

Jonathan's career has been about developing progressive policies on transport and advocating effectively for them. This includes changing national policy for the better by being one of the leaders of the network which ended the hegemony of the roads lobby on national transport policy in the nineties through to winning better bus powers for transport authorities in 2017. He has also made the Urban Transport Group the place where the thinking happens on the future of urban transport as well as saved members of the Group millions through finding more cost effective ways for them to work together.



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#LowCVP2020



James McKemey
Head of Insights
Pod Point

A passionate advocate of electric vehicles, James joined Pod Point in February 2011 following a career as an environmental consultant.

As Pod Point's third longest serving member, James has worked in Sales, Customer Operations and now Head of Insights, tasked with communicating to industry and key stakeholders, sharing his knowledge on all things EV charging.



Olly Craughan
CSR General Manager
DPD UK

Olly Craughan joined delivery company DPD UK in 2012 as an Operations Manager, progressing to Depot General Manager in 2014 and was then promoted in February 2020 to the role of leading DPD's corporate social responsibility strategy. DPD UK is leading the way in green and sustainable delivery, growing it's electric, final mile, delivery fleet from 139 vehicles in 2019 to 700 by the end of 2020, a staggering 404% increase.



Chris Ashley
Head of Policy
Road Haulage Association

Chris joined the RHA in September 2019 to lead its policy on environmental and regulatory issues. Prior to this, he was a Civil Servant for 18 years, mainly at the Home Office where he developed policies to reduce offending by heroin and cocaine addicts and to address domestic abuse. Together with a family background in haulage, he brings extensive experience and insight into how central and local government decision-making, policy-making and Parliament works at the highest levels.

With a membership of over 7200 mainly SME businesses, Chris' focus is to balance the needs of hauliers, as economic enablers, and the environmental reform agenda. In January 2020, he co-authored the paper "Eliminate, Minimise, Offset" setting out the RHA's approach to decarbonisation. In this webinar, he will discuss the RHA's approach to the Government's forthcoming Transport Decarbonisation Plan as the UK emerges from the Covid-19 crisis.



RESET 2020: DRIVING THE GREEN RECOVERY

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SPEAKERS

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John ComerProject Manager
Volvo Truck

John was born in St Albans in 1963 and graduated from Hatfield Polytechnic with a BSc mechanical engineering with automotive design. He initially worked for Bass Brewers, Burton-upon-Trent in 1985 involved with fleet engineering and vehicle specifications before joining Volvo Trucks in 1989.

Since then, he has held various positions within Volvo Trucks - including Mitsubishi Canter Product Manager – before in 2002 becoming Product Manager for Volvo Trucks - UK & Ireland. More latterly he held the position of Product Marketing Manager for Volvo Group Trucks in the UK before taking up his current Group role in 2016.



lan WainwrightDirectorFuture City Logistics

lan worked in the logistics industry for 18 years and at Transport for London for 11 years, where he was responsible for the programme encouraging operators and businesses to revise delivery activity during the 2012 Games. As Head of the TfL freight team he then managed programmes to address freight safety, retiming and consolidating deliveries, and developing a more strategic approach to urban freight activity. He is now a Director at Future City Logistics, an independent consultancy that works to create safer, cleaner and more efficient freight and logistics, in partnership with cities, businesses, operators and academia.





Jo HowesPrincipal Consultant
E4Tech

Jo Howes has extensive experience in the sustainable energy sector gained at E4tech and BP Biofuels. She began working at E4tech in 2002, and now leads the firm's work on energy innovation and policy. She has a broad knowledge of energy and environment policy and regulatory issues, with particular expertise in biofuels and hydrogen. From 2011 to 2014 she was a Strategy Advisor at BP Biofuels, responsible for managing emerging issues in policy, sustainability, and technology, as well as developing strategy and advising on EU regulatory affairs. Jo holds degrees in Materials Science and Metallurgy from the University of Cambridge and in Environmental Technology with Energy Policy from Imperial College.



Freya Burton
Chief Sustainability and People Officer
Lanzatech

Freya joined LanzaTech in 2007 and has worked in various roles throughout the company. Freya is deeply committed to LanzaTech's mission of creating a carbon smart future. She has served on the board of the Low Carbon Fuels Coalition and with LanzaTech is a founding member of below50, the low carbon fuels initiative of the World Business Council for Sustainable Development. She is the Future Fuels Leader for the ART Fuels Forum, a group financed by the European Commission, looking at how to support alternative and sustainable fuels technologies.

Freya oversees Government Relations, Communications and HR at LanzaTech. She holds an MA from Cambridge University.



RESET 2020: DRIVING THE GREEN RECOVERY

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SPEAKERS

#LowCVP2020



Justin Laney
General Manager - Fleet
John Lewis Partnership

Justin Laney manages the John Lewis Partnership fleet of 3500 commercial vehicles and 1300 cars. The fleet is recognised for leading in innovation, and the priorities remain to reduce all emissions (including those affecting air quality and noise) through efficiency and displacing all diesel with low carbon alternatives. Areas of focus are using biomethane in heavy trucks, electrification of home delivery operations, high capacity vehicles, aerodynamics, and other methods based on good science and rigorous testing. Headline commitments include running all heavy duty trucks on biomethane by 2028, and achieving a zero carbon fleet by 2045.

Justin's career started with London Transport (Buses), having obtained a BEng at Liverpool University. He also worked at UPS for 20 years, managing fleets in EMEA as well as the UK.

Justin is a Chartered Engineer, Fellow of the Institution of Mechanical Engineers, a Director of the Low Carbon Vehicle Partnership, and Chair of SRF's Steering Committee.



Dr Richard Kemp-HarperStrategy Director
Arcola Energy

Dr Richard Kemp-Harper is Strategy Director at Arcola Energy, leading on market, business and partnership development in zero-emission transport and clean energy applications of hydrogen and fuel cell technologies.

Prior to joining Arcola, Richard managed funding programmes and project portfolios in both transport and energy sectors for InnovateUK and including the fuel cell and hydrogen programme. He has also worked with a number of other small innovative companies to help with the process of finding product market fit and identifying leading customers for innovative technologies.



RESET 2020: DRIVING THE GREEN RECOVERY

How can we seize the opportunity for an investment-led green recovery in road transport?

SPEAKERS

#LowCVP2020



Dickon PosnettDirector of Corporate Affairs
Argent Energy

Dickon has worked in the biodiesel sector since 2005 when he joined Argent Energy as Development Director. Based in Edinburgh near to Argent's first biodiesel plant which was the first tallow-to-biodiesel plant in the EU, he was initially responsible for biodiesel sales and marketing. Now, as Director of Corporate Affairs, he continues to head up marketing but is mainly focussed on leading the company's advocacy and lobbying. He is therefore extensively involved in legislative and regulatory affairs in the UK, Netherlands and Europe.

Dickon is Vice President of the European Biodiesel Board (EBB) in which he also leads the EU Advanced Biodiesel group of companies and a board member of EWABA, the waste-to-biodiesel association. He also chairs an industry-wide group looking at implementing a single-database for transparent biofuels dealing across Europe.



Philip Sellwood CBE
Chair
LowCVP

Philip Sellwood was Group Chief Executive of Energy Saving Trust until April 2020 where, for seventeen years, he worked to establish the organisation as a key focal point in the UK's drive to a zero-carbon emissions future.

Philip now holds non-executive board roles with Renewable Energy Assurance Ltd (which carries out certification and consumer protection activities to promote sustainable energy) and Tevva, a leading UK-based developer of modular electrification systems for medium-duty commercial vehicles. He also brings experience of the local government sector having served for nearly ten years as a non-executive director of the Local Government Improvement & Innovation Board. Philip was a founder trustee of the Ellen Macarthur Foundation. He is now Advisory Board member of UK Energy Research Council (UKERC); Advisory Council Member of the National House-Building Council; a Board member of the water industry campaign TWENTY65; and a UK representative of the 28-country European Energy Network, of which he has twice been President.

Philip was awarded CBE for services to public energy policy in the 2020 New Year Honours.



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How can we seize the opportunity for an investment-led green recovery in road transport?

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NewMotion is a leading smart charging solutions provider for electric vehicles. Operating more than 66,000 charge point installations at home, business and public locations across Europe, NewMotion's mission is to enable everybody to drive as many kilometers as possible powered by clean energy. Providing access to over 155,000 charging points across 35 countries, the company offers an expansive roaming network in Europe.

More than 280,000 registered drivers already use NewMotion's charge card or app for a seamless charging experience on-the-go. A member of the Shell group, NewMotion is ISO 9001 & ISO 27001 certified and has played an active leading role since 2009 in the electric vehicle charging industry.

For more information: www.newmotion.com



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How can we seize the opportunity for an investment-led green recovery in road transport?

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DPD UK is a member of one of Europe's leading parcel groups, DPDgroup, wholly owned by France's La Poste.

DPD UK has a turnover over £1billion and has been voted the Nation's favourite parcel company by MoneySavingExpert.com, seven years running.

DPD UK has 14,000 people, over 8,000 vehicles, 69 depots, 2,500 parcel stores, two hub sortation facilities and a reputation for being the most innovative carrier in the express parcels sector.

DPD UK's Predict means customers receive a one-hour delivery window via SMS/ email, so they don't need to wait in all day. Follow My Parcel allows customers to watch the progress of their parcel, on a real-time map, with a final 15-minute timeslot.

The DPD app, which ensures online shoppers need never miss a parcel delivery again now has over 7million users. In addition to storing delivery preferences for deliveries from DPD, the app hosts dynamic and ground-breaking features that enhance the entire delivery experience.

Precise, is another key innovation from DPD, yet another industry first allowing customers to select their exact one-hour delivery slot and the day of delivery, including a green option which is when DPD is normally in that area.

DPD is committed to being the most sustainable delivery company, with 10% of its fleet all-electric by the end of 2020.

Details of all these innovations and DPD's green credentials are available on the DPD website. dpd.co.uk

green.dpd.co.uk



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How can we seize the opportunity for an investment-led green recovery in road transport?

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The Advanced Propulsion Centre (APC) accelerates the industrialisation of technologies which will help to realise net-zero emission vehicles. It is at the heart of the UK government's commitment to end the country's contribution to global warming by 2050.

Since its foundation in 2013, APC has funded 113 low-carbon projects, involving more than 290 partners. The technologies developed in these projects are projected to save over 225 million tonnes of CO2, the equivalent of removing the lifetime emissions from 8.8 million cars.

APC projects have helped generate economic benefits too. Companies involved have seen turnover increases of 14-17%, with new jobs increasing by 8-10%. Together these have generated a 17% Gross Value Added uplift.

With its deep sector expertise and cutting-edge knowledge of new propulsion technologies, APC's role in building and advising project consortia helps projects start more quickly and deliver more value.

APC's impact extends well beyond the projects it funds. By leveraging expertise from across the community, encouraging collaboration and driving innovation, it is ensuring that the emerging UK low-carbon powertrain sector has the foundations in place for long-term success.

APC has developed industry consensus around a set of widely-used technology roadmaps and prioritised opportunities within the UK supply chains important to electrification, assisting organisations to identify and capitalise on future opportunities.

APC has recently launched a new collaborative initiative, The Automotive Transformation Fund, which is a UK Government initiative to support the large-scale industrialisation of an electrified supply chain. The programme will support strategically important capital and R&D investments in the UK and will begin by focusing on companies involved in batteries, motors and drives, power electronics, fuel cells and recycling. To find out more about this, <u>click here</u>.

For more information go to apcuk.co.uk or follow us <u>@theapcuk</u> on Twitter and <u>Advanced Propulsion</u> Centre UK on LinkedIn.



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How can we seize the opportunity for an investment-led green recovery in road transport?

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CNG Fuels was established in 2014 and is today the UK market leader for the supply of Bio-CNG (renewable and sustainable biomethane fuel) for commercial vehicles. Its gas is sourced entirely from renewable and sustainable biomethane, which is cheaper and emits less carbon well-to-wheel than any other HGV fuel. The biomethane is made from a waste feedstock, approved under the Renewable Transport Fuel Obligation RTFO), and generates Renewable Transport Fuel Certificates (RTFC).

Below are some key industry facts regarding Biomethane and its use as a transport fuel:

- 40-45% lower fuel price than Diesel
- £80-100k average lifetime savings per vehicle
- 85% CO₂ reduction
- CNG vehicles are 50% quieter
- Dedicated Bio-CNG trucks are available now Vans, Rigid Formats, 4x2 and 6x2 Artic formats,
 Refuse and Waste Vehicles

The company is working on achieving additional reduction in GHG emissions from its biomethane fuel and is expecting to supply a carbon negative biomethane fuel from 2022 onwards, thereby allowing fleets to go beyond Net Zero as soon as 2022.

CNG Fuels is also the country's only dedicated provider of public access Bio-CNG refuelling infrastructure. It operates the UK's four highest capacity CNG stations, in Warrington, Northampton, Leyland (Lancashire), and Crewe (Cheshire). It is developing a nationwide refuelling network. For more information on CNG Fuels, visit www.cngfuels.com.

CNG Fuels has helped hauliers save 55,000 tonnes of CO2 since it began supplying renewable and sustainable Bio-CNG in 2016. That's expected to rise to 90,000 tonnes by the end of 2020 as demand increases by an additional 200%, thanks to major brands such as John Lewis Partnership, Parcel company Hermes, and Home Bargains committing to switching from diesel.



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EXHIBITORS

#LowCVP2020



Renault Trucks offers a full range of Euro-6 compliant vehicles, from 2.6-44 tonne, designed with the efficiency, reliability and safety operators need. Our tailored solutions ensure we deliver the best vehicle for the operation, including drive-away options from our 'Ready for Business' range as well as a fully customised solution.

Electromobility is the cornerstone of Renault Trucks' strategy for sustainable urban transport, with our all-electric Z.E. line-up from 3.1 - 26 tonne. Ten years ago, we were pioneers in electromobility; today we are experts. As we move to a low carbon economy, our electric vehicles are improving air quality, curbing climate change and enabling noise-free out of hours deliveries to reduce congestion: vehicles available today that meet the needs of tomorrow.

Our battery performance promise, which guarantees the power available to operate electric vehicles for up to ten years, underwrites our expertise and confidence in our products and capabilities. Working with specialist partners, our turnkey solutions make the transition to electromobility as easy as possible.

As society's environmental consciousness grows, so does the responsibility of the industry to harness new technologies to bring about change. Renault Trucks does this by tailoring vehicles to customers' applications, developments in automation and connectivity, and increasing use of vehicle data to improve vehicle operation and customer service.





BusinessGreen





transporttimes











The time for change is now

Join the partnership creating cleaner mobility today

LowCVP.org.uk/join.

We're an independent, non-profit partnership that uniquely brings together government, industry and the widest range of expert stakeholders to shape the future of low and zeroemissions transport in the UK.

Insight

Our members enjoy privileged insight and input into the highest levels of corporate and government policy making.

Network

Meet, connect, collaborate with key figures from government, industry, NGOs and other stakeholders

Influence

Shape and influence future government low emissions policies, regulations, initiatives and strategies.

To join us, please visit LowCVP.org.uk/join



Our focus areas

LowCVP.org.uk

Energy Infrastructure

- Driving the development and delivery of the EV Energy Taskforce's far-reaching proposals to enable and encourage the growth of EVs.
- Facilitating and accelerating the electric vehicle transition through industry-wide collaboration, actions and support.
- Ensuring that the GB energy system is ready and able to embrace the mass take up of EVs.
- Motivating and inspiring motorists, creating confidence in the EV charging network.

Fuels

- Stimulating R&D collaboration on low carbon fuels.
- Influencing and advising on policy landscape and the introduction of low carbon fuels.
- Stimulating the market for high blend renewable fuels.
- Informing future sustainability criteria for transport fuels and energy.

Commercial Vehicles

- Leading the way on accelerating the transition to cleaner, greener road freight for manufacturers, freight transport operators, technology suppliers, technical expert and policy makers.
- Defining the critical Ultra-Low Emission Truck standard.

Passenger Car Working Group

- Working with manufacturers, fleet operators, environment and consumer groups to accelerate the adoption of low carbon cars.
- Breaking down the myths, barriers and misconceptions around new technologies, building awareness and understanding of the enormous benefits they offer.
- Collaboration with leasing and finance sector on changing consumer behaviour.

Buses and Coaches

- Creating action programmes to speed the introduction of ultra-low emission buses in the UK.
- Ongoing management, guidance and development of the UK's pioneering Ultra-Low Emission Bus Scheme.
- Kickstarting the ultra-low minibus and coach markets.

Collaborative Initiatives

- Vital analysis into vehicle lifecycle GHG emissions and policy interventions.
- Stimulating the 'Powered Light Vehicle' market in the UK.
- The Clean Vehicle Retrofit Accreditation Scheme.

Our 2020-21 Annual Membership Fees

The Low Carbon Vehicle Partnership is a nonprofit making organisation, jointly funded by our members and government. Our focus is always on delivering value for money and maximising the effectiveness of the Partnership. The support of our members is critical in shaping the future of low and zero-emissions mobility in the UK.

To join us, please visit LowCVP.org.uk/join

Commercial Organisation Membership (based on annual turnover):

Non-commercial Membership

Charity £210 Academic £420 Public Sector £420

All fees exclude VAT