Twenty years of Partnership: Zemo's 'Top 20'

Highlights of Zemo's work in accelerating road transport's



Low Carbon Vehicle Partnership



Focusing on the full life-cycle

LowCVP leads 'Beyond the Tailpipe' drive for full life-cycle assessment of greenhouse gas emissions from transport. (ongoing)

2010





Encouraging leadership and innovation

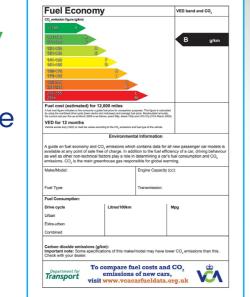
Low Carbon Champions Awards continue to celebrate achievement in different sectors of road transport decarbonisation. (2010-18)

2003

Helping buyers make the 'greener' choice

Launch of LowCVP

LowCVP* launches the colour-coded New Car Fuel Economy Label. (Version for second-hand cars introduced in 2010).



clean buses

Leading on

2009 -----

Partnership supports establishment of **UK Government** grant schemes



(Green Bus Funds, LEB, ULEB and ZEBRA schemes) underpinned by industry-supported certification and accreditation processes. Supports BSOG revision to align with Gov't environment policy. (ongoing)

2009: European 'Cars

and CO2' target

enters into force -

European regulation

sets binding target for

average of 130g CO2/

European new car fleet

Driving the market for electric vans

Research managed by LowCVP leads to launch of Plugged-In Vans grant programme.



2011: European CO2 targets for vans enter into force. Modelled on 'Cars and CO2'.

2013

2012

2013: Advanced **Propulsion Centre** (APC) formation heralds an unprecedented

era of co-operation between industry and government.

Cutting 'greenwash'

LowCVP, with SMMT and ISBA, issues influential 'Best practice principles for environmental claims in marketing'.



2008: Climate Change Act

commits the UK to reducing its greenhouse gas emissions by 80 per cent by 2050, compared to 1990 levels.

Laying foundations for future success

LowCVP & partners establish UK's Centre

the way for Innovation UK funding & later

of Excellence for Low Carbon and Fuel Cell

Technologies (CENEX). LowCVP helps to pave

work with Gov't & partners leads to creation

of the Advanced Propulsion Centre (2013).

km by 2015. **Deepening Government-**

stakeholder collaboration

2009

Partnership transitions to become jointlyfunded by members and Government.



2011

2011

Leading on truck decarbonisation

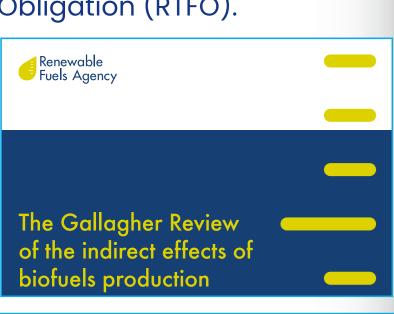
Working with key stakeholders, LowCVP publishes major report on barriers to the adoption of low carbon HGVs. Work leads to £9.5m Low Carbon Truck Programme (2012).



2005

Ensuring that biofuels are 'green'

LowCVP work on sustainability standards underpins the Renewable Transport Fuel Obligation (RTFO).



2007

Twenty years of Partnership: Zemo's 'Top 20'

Highlights of Zemo's work in accelerating road transport's transition to net zero (2003-23)



further target to reduce average new 2014 car CO2 emissions to 95g/km by 2020. 'Super credits' for low emission vehicles.

Strategy sets ambitious blueprint for Britain's low 2014: EU agrees carbon industrial future. 2016

Paving the way for green truck trials Partnership work on emissions

> testing provides basis for Government incentive programmes, leads to ZERF & Low Emission Freight Trials. (ongoing)

in the UK (c5% of the Europe in uptake of battery electric buses.

2022: Around 2,000 zero emission buses operate UK's total fleet). UK leads

Groundbreaking research

LowCVP publishes 'Investing in the Low Carbon Journey'lessons from the first decade of UK policy on the road to 2050. Motor industry's experience shows we can have both 'green' and growth.



2015

2025 target to be

required.

Laying

uptake

Joining the climate and air quality agendas

2017: Clean Growth

Partnership leads 'Lower Carbon, Cleaner Air' initiative bringing climate and air quality campaigns closer together.



Right vehicle for the right use Partnership work with

industry on powered light vehicles is recognised in the 2021 Transport Decarbonisation Plan. (ongoing)



through renewable fuels Zemo's work over

Cutting carbon

many years leads to successful introduction of E10 petrol in UK.



2021

2003-2023: Influencing the agenda

Zemo/LowCVP Annual Conferences and Parliamentary events are leading fixtures in the transport decarbonisation calendar.



foundations for renewable fuels

LowCVP-convened **Transport Energy** Taskforce reviews future targets for GHG emissions and renewable fuels. Recommendations adopted by Government into the RTFO.

2016

Bringing transport and energy together

> Zemo convenes highly influential EV Energy Taskforce (2019-22); ground-breaking collaboration to maximise benefits from the introduction of EVs for the UK's energy system.

2018

2018



energy taskforce







2019: UK becomes first major economy to pass net zero emissions law requiring UK greenhouse gas emissions to be reduced to net zero by 2050.

2019

2020: Government takes historic **step;** announces end of sale of new petrol and diesel cars by 2030.

Increasing trust in renewable fuels

2021

Zemo's new Renewable **Fuels Assurance** Scheme provides independent advice on fuels' **GHG** emission savings and raw material provenance.

Cutting emissions from current vehicles

LowCVP establishes accreditation scheme for retrofits (CVRAS) enabling existing vehicles to meet Clean Air Zone compliance.

*Note: Zemo Partnership re-branded and changed its name in 2021 from Low Carbon Vehicle Partnership (LowCVP)