

# Low Carbon Vehicle Partnership

## Recent Achievements and Future Plans

LowCVP Annual Conference  
Clifford Chance Auditorium

9<sup>th</sup> June 2011

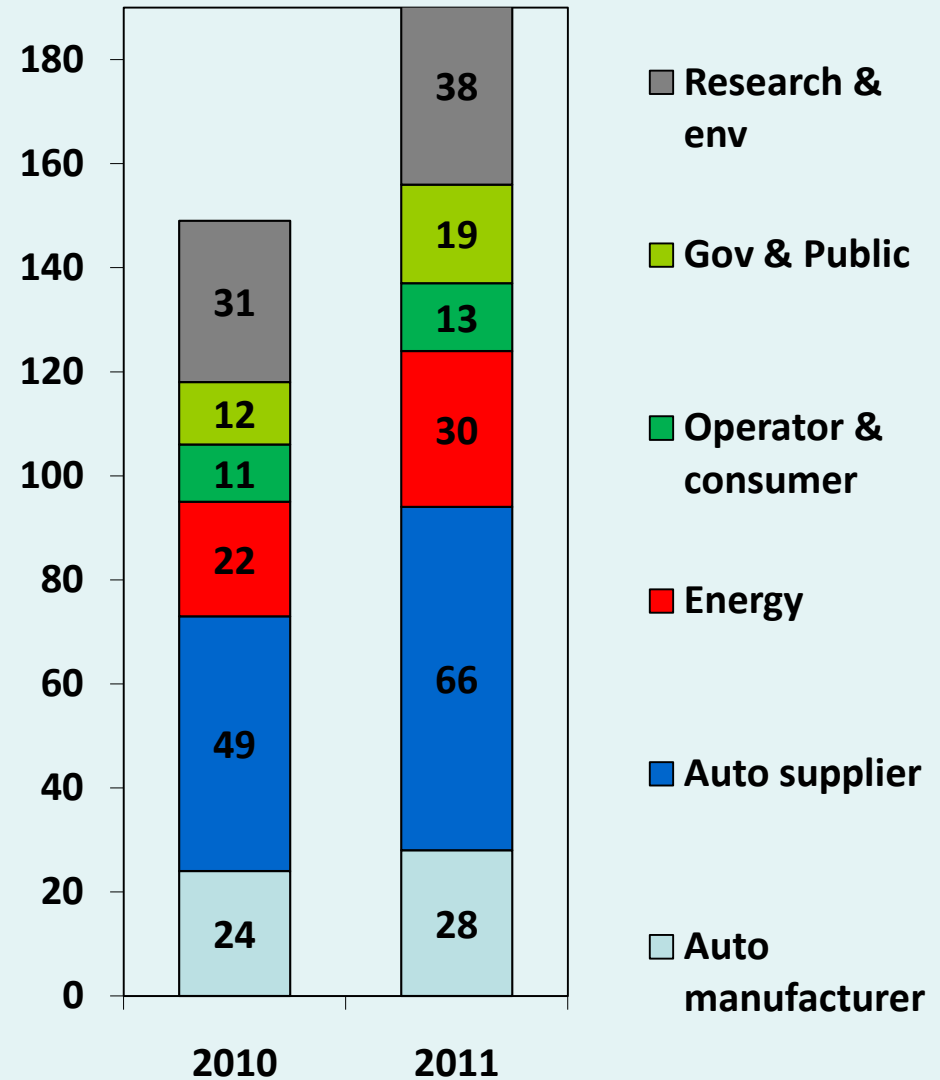
Greg Archer, Managing Director



## Outline

- Who are the LowCVP?
- Recent achievements
- Lifecycle carbon accounting of vehicles
- The alternative fuels framework
- Plans 2011-12

## LowCVP Members



## Enabling the development and deployment of more effective market transformation policies and programmes



## Stimulating and leading market transformation interventions by relevant stakeholders

- ❑ Best Practice Marketing Principles launched with SMMT and ISBA
- ❑ Costed proposals for certification of HGVs and HGV technologies developed for Government
  - Ongoing discussions with European Commission on truck certification
- ❑ Led- biomethane in transport element of the DEFRA Anaerobic Digestion Framework
- ❑ Green Bus Fund 2 and Scottish Green Bus Fund launched
  - Toolkit developed for local authorities to increase uptake of Green buses
- ❑ Extensive Ministerial, Parliamentary and Departmental engagement

## Strengthening consumer information and incentives to encourage their purchase, deployment and use

- ❑ 1.75 new cars labelled in showrooms
- ❑ Over 300,000 used labels displayed in over 1200 dealers
  - Research published research on car buyer understanding of alternative information display formats
  - Cabinet Office invitation to increase relevance of labelling
- ❑ Car label features in CBI report on voluntary action by business
- ❑ Study on provision of information to van purchasers completed

## Creating opportunities for UK businesses





# LowCVP in numbers ....

5

Full time employees

1 M tonnes @  
£5/tonne  
Amount and cost of  
carbon savings to  
date

Once a week  
Meetings with Government  
Departments to support  
policy development

£1.33 M

Value of member contributions -  
up 17% - double the value of  
public funding

20%  
Membership  
increased in a year  
to 185

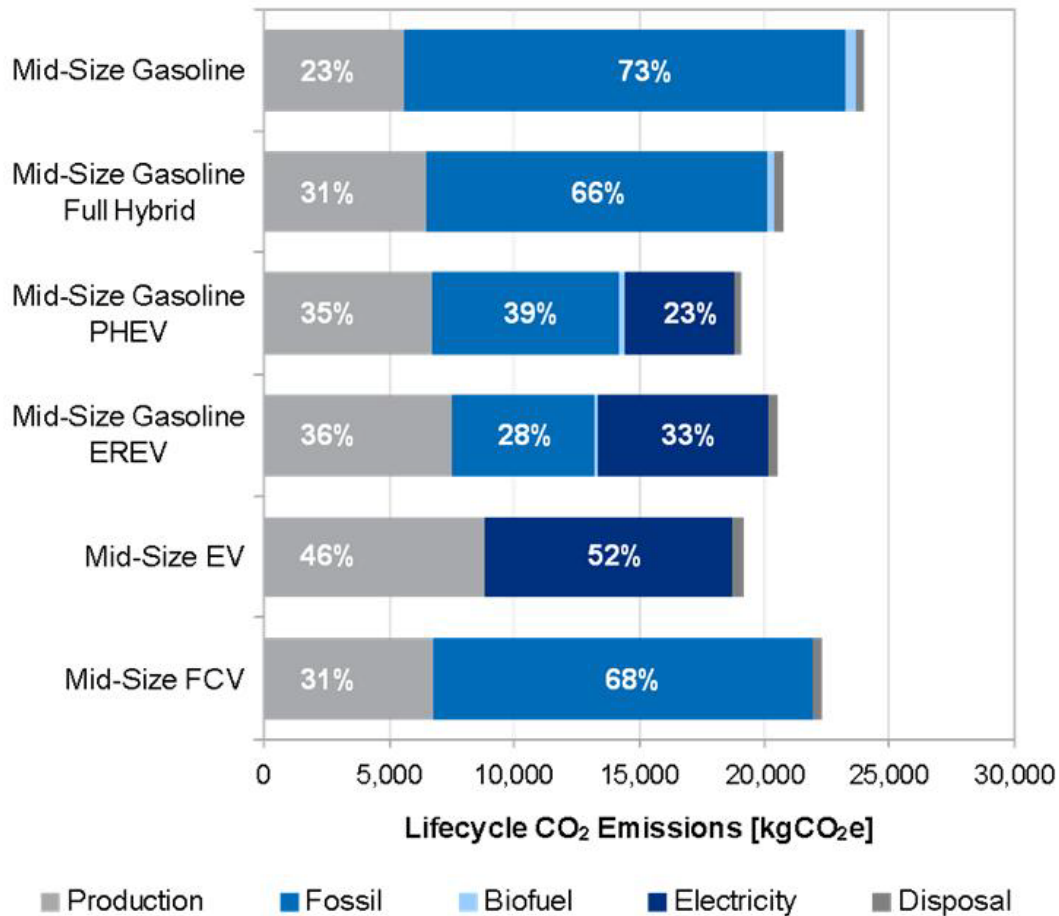
83%  
Of the 2010-11 work  
programme delivered

c2500

Conference delegates addressed  
and newsletter subscribers

# LowCVP research highlights the need to reduce vehicle emissions holistically

## Comparison of lifecycle vehicle emissions



- ❑ Low carbon technologies reduce emissions overall but increase embedded carbon emissions
- ❑ On a whole life basis there is marginal difference between equivalent diesel and gasoline vehicles
- ❑ Comparing technologies CO2 benefits will require a shift to whole life carbon accounting

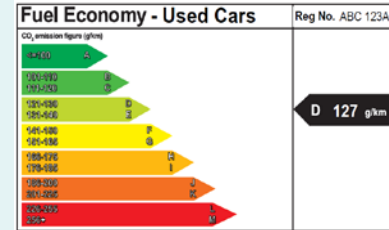
## The UK needs to support a portfolio of future futures whilst avoiding diluting current support for electric vehicles



- ❑ Electrification of cars is not a “silver bullet”
  - Costs of ownership are likely to remain high for the next 20 years
  - Different solutions will emerge in each market segment
- ❑ Biofuels will provide long-term contribution to decarbonising road transport but must be produced sustainably
  - Sustainability concerns are justified – but can be managed
- ❑ Current Government policy is contradictory
  - Implementation of the RED and FQD should creates value for biofuels with lower carbon intensity and better sustainability criteria
- ❑ The Government needs to strengthen working between Departments and with stakeholders and be proactive to ensure a positive outcome to the iLUC debate & 2014 review of the Directives

## Going forward LowCVP will focus its activities in 6 key areas:

- ❑ Incentivising and informing lower carbon choices for cars
- ❑ Building the market for lower carbon commercial and public service vehicles
- ❑ Tackling market barriers to use of lower carbon fuels
- ❑ Facilitating the creation of a successful UK supply chain for low carbon vehicle and fuel technologies
- ❑ Monitoring progress and tracking pathways to lower carbon transport
- ❑ Enhancing stakeholder knowledge and understanding (to increase engagement and build consensus for sustainable change)





## The benefits of membership ....

- ❑ Influence and insight into policy development
- ❑ Access to officials
- ❑ Taking forward ideas & concerns
- ❑ Demonstrable leadership
- ❑ Networking opportunities
- ❑ Early access to research findings
- ❑ Privileged access to information resources
- ❑ Discounted rates for conferences
- ❑ Member communication benefits

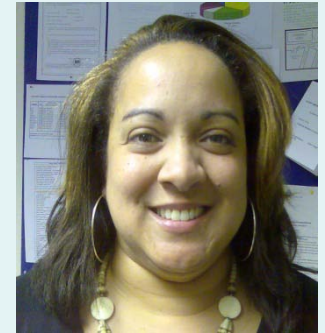
## The team ....



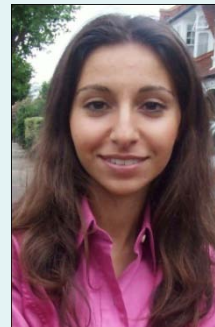
Jonathan Murray  
Deputy Director



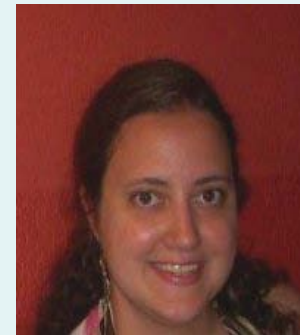
Greg Archer  
Managing Director



Catherine Dove  
Office & Website



Gloria Esposito  
Programme  
Manager



Karen Morgan  
Membership &  
Marketing  
(Half-time)



Neil Wallis  
Head of Comms  
(Half-time)