

Communicating the carbon footprint; practical approaches

Tim Anderson

Buying beans...



Cost

Taste

Quality of ingredients

Safe and clean manufacturing

Well being of farmers and processing staff

Carbon footprint









Buying cars...



Cost... (£21k to buy + running costs)

Taste

Quality of ingredients

Safe and clean manufacturing

Well being of farmers and processing staff

Carbon footprint







Numbers, numbers, numbers...



VED Rate

Benefit in Kind tax

Range on electric

VED First year rate

Range on petrol/diesel

 CO_2

Litres per 100km

Pence per mile

Miles per kWh

Kilo Watt Hours

Miles per Gallon



Words, words, words...



Life Cycle

Mode one, two, three & four

NEDC

Cradle to grave

Whole life costs

Plug In Hybrid

Single phase charging

Three phase charging

Extended Range EV

Well to wheel

Pure EV



Meet the consumers...



Brian and Rita

Pete and Emma

We need information...



...but not too much information.



Meet the consumers...



Market segment: Educated Suburban Families*

Company car – cost implications:

- Benefit in kind tax bill
- Fuel costs

Carbon footprint and emissions is only a consideration when attached to cost.



Meet the consumers...



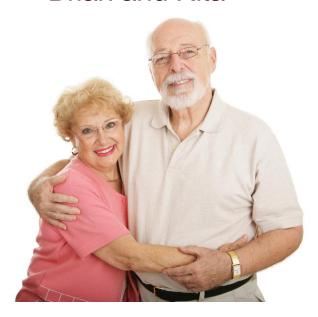
Market segment: Affluent Empty Nesters*

Own car – cost implications:

- Fuel costs
- VED
- Depreciation
- Insurance
- Maintenance

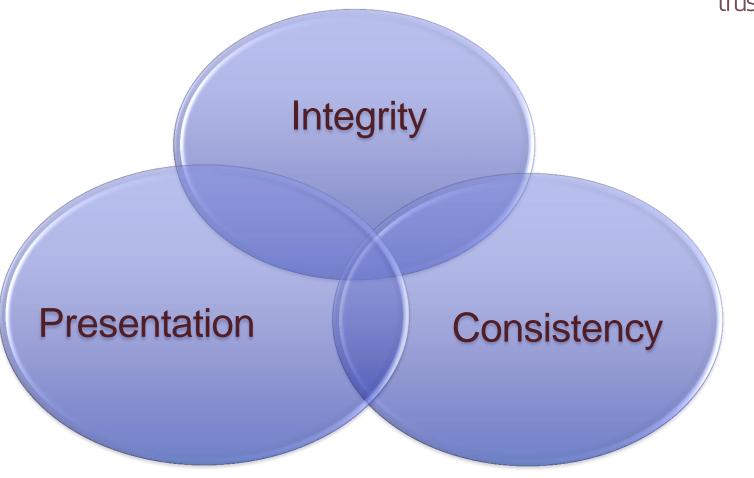
Carbon footprint and emissions may be of interest but less likely to influence the buying decision.

Brian and Rita



Information Trinity





Information integrity



- Information should be trusted
- Claims should independently verified
- Marketing spin should not distract consumers
- Life cycle metrics should be well established
- NEDC to be reviewed urgently to align official and real world fuel consumption



Information integrity







VW Golf 1.9 Tdi Match (2007) 6yrs old

Official combined 56.5 mpg (132g/km)

Actual 50+ mpg

- 10%

Ford Focus 1.6 TDCi Econetic (2012) 1yr old

Official combined 67.3mpg (109g/km)

Actual 46.6 mpg

- 30%

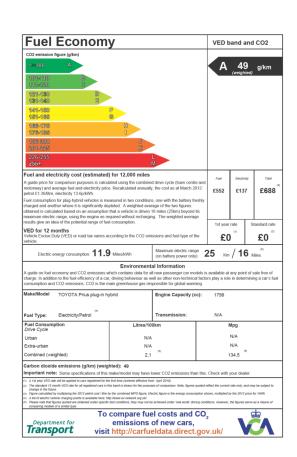
Lower emission cars, do not mean lower real world emissions, even when eco-driving!



Information presentation

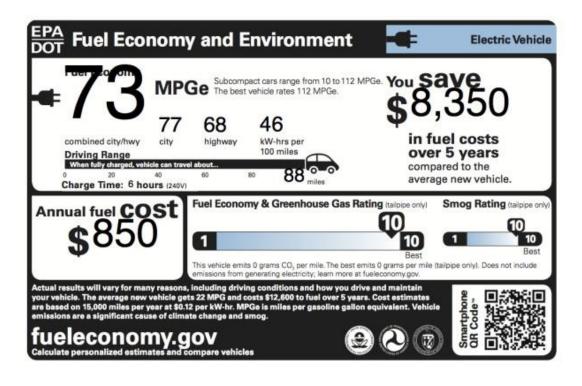


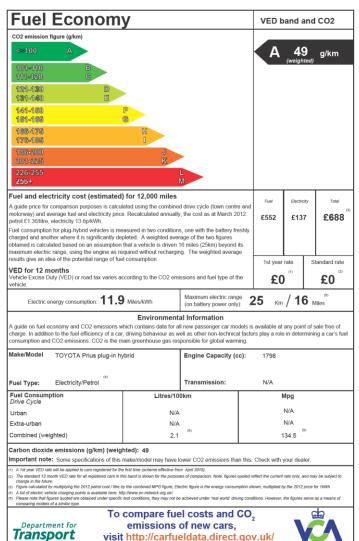
- The presentation of information should be relevant to car buyers i.e. emissions only resonate when attached to cost
- The methodology adopted in the label should become more widespread
- Simple, non technical, presentation
- Clarity of real world costs



Information presentation





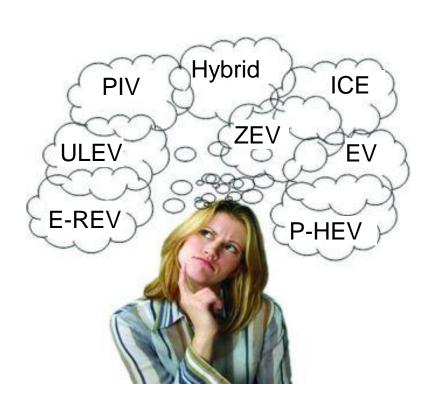


visit http://carfueldata.direct.gov.uk/

Information consistency



- Standard metrics
- Cost should feature as the core message
- Information should be aligned to fiscal policy and real fuel spend
- Terminology should be standardised
- Running cost = carbon footprint





Communicating the carbon footprint?

- 1. Only if the consumer needs to know.
- 2. Ensure information has integrity, is presented simply and is consistent across the industry.





Thank you for listening