

## **Robin Haycock – ARUP**

### **(Biographical info awaited)**

1. The EU New Cars CO<sub>2</sub> Regulation sets a target of 130g/km CO<sub>2</sub> by 2015 and 95g/km by 2020 – please could you outline the main ways in which the motor industry is responding to this. What are the types of low or ultra-low carbon vehicles that are ‘in the mix’- please could you outline their relative merits and the associated challenges?
2. Can you tell us about the infrastructure that is currently planned for electric vehicles through ‘Plugged in Places’ (and the timescales) – and about the ‘Plug in Car Grant’/any other incentives for consumers.
  - Do you believe the incentives will be enough, on their own, to shift motorists towards buying electric vehicles.
  - What, in your view, could KCC and other local authorities do, in the face of challenging financial constraints, to contribute to the development of electric vehicle infrastructure?
3. The average distance an electric car can travel on a charge is 100km and the average UK journey is said to be 14km – how can those shorter journeys be targeted – is there any focus on, for example, taxi companies?
4. Could you comment on the challenges facing planners on national, regional and local scale (including the role of developers) in planning infrastructure for sustainable transport, in the light of rapidly developing technologies. Are we in danger of ‘putting all our eggs in one basket?’
5. Oxford University’s report: Future of Mobility Roadmap concluded that aims to decarbonise transport would not be met (in the shorter term) by hydrogen fuelled vehicles due to the high cost of platinum (which is needed as a catalyst) or electric cars, because of limited battery life. Given these limiting factors:
  - what, in your view, are the key issues that the government should be focusing on to bring about carbon reductions from road transport in the short as well as longer term?
  - what are the key issues (including behavioural changes) that KCC should be focusing on to achieve these aims in Kent?