

# Transport & Energy Programme

## 28<sup>th</sup> September 2006

### Morning Session:

### Policies and technologies

10.00-10.20	<b>Jillian Anable</b> UK Aviation and Energy Research Centre	TRANSPORT & ENERGY CHALLENGES – AN OVERVIEW OF THE RESEARCH <ul style="list-style-type: none"> <li>▪ Preparing for the end of oil</li> <li>▪ Future energy sources for transport</li> <li>▪ Public attitudes and acceptance of change</li> <li>▪ Future research needs</li> </ul>
10.20-10.40	<b>Bill Band</b> Scottish Natural Heritage	"THE ROLE OF SCOTTISH NATURAL HERITAGE IN SUSTAINABLE ENERGY POLICY" <ul style="list-style-type: none"> <li>▪ The Scottish sustainable development policy agenda</li> <li>▪ Energy policy and sustainability</li> <li>▪ Supporting sustainable transport options</li> </ul>
10.40-11.00	<b>Ian Murdoch</b> Energy Saving Trust	GOVERNMENT ACTION TO IMPROVE EFFICIENCY <ul style="list-style-type: none"> <li>▪ Implementing government transport policy on energy use – The transport programme within the Energy Saving Trust</li> <li>▪ Saving energy through better informed business and travellers</li> <li>▪ Fuel supplies, demand and energy efficiency</li> </ul>
11.00-11.15		<b>Questions</b>
11.15-11.35		<b>Break</b>
11.35-11.55	<b>Kerry-Ann Adamson</b> Fuel Cell Today	FUEL CELL DEVELOPMENTS IN TRANSPORT <ul style="list-style-type: none"> <li>▪ Emerging findings from current trials including progress with Britain's only licensed fuel cell car on Unst in Shetland</li> <li>▪ Timeline to potential commercial applications in cars, buses, trains, lorries and ships</li> <li>▪ Research needs and barriers to implementation</li> </ul>
11.55-12.15	<b>Marcus Wigan</b> Napier University	ASKING THE RIGHT QUESTIONS ABOUT TRANSPORT AND ENERGY FUTURES <ul style="list-style-type: none"> <li>▪ Are we defining the problem correctly?</li> <li>▪ Unexpected effects that act as barriers to change</li> <li>▪ Energy and global power structures</li> <li>▪ What incentives are needed to encourage change?</li> </ul>
12.15-12.35	<b>Debbie Ross</b> JMP Consulting	IT IS NOT JUST HOW MUCH ENERGY YOU USE BUT WHERE YOU USE IT <ul style="list-style-type: none"> <li>▪ Energy use at ground level</li> <li>▪ Transport energy use in context</li> <li>▪ Chemical impacts of aviation in the atmosphere</li> </ul>
12.35-12.45		<b>Questions</b>

## 12.45–14.00 Lunch

### Afternoon Session:

### Future Transport Options

14.00- 14.20	<b>Stephen Hall</b> City of Edinburgh Council	SETTLEMENT PATTERNS, THE BUILT ENVIRONMENT AND ENERGY USE <ul style="list-style-type: none"> <li>▪ Building in energy efficiency through spatial planning</li> <li>▪ Land use patterns, lifestyles and energy use</li> </ul>
14.20- 14.30	<b>Bill Ure</b> Railfreight Group	FREIGHT TRANSPORT, POWER GENERATION AND ENERGY USE <ul style="list-style-type: none"> <li>▪ Trends and predictions for energy use in freight transport</li> </ul>
14.30- 14.40	<b>Gavin Scott</b> FTA	<ul style="list-style-type: none"> <li>▪ Coal freight and energy production</li> <li>▪ Movement of waste and energy generation</li> <li>▪ Improved road vehicle efficiency in freight transport</li> </ul>
14.40- 15.00	<b>Erl Wilkie</b> Cycling Scotland	ENERGY EFFICIENT TRANSPORT SOLUTIONS <ul style="list-style-type: none"> <li>▪ What contribution can walking and cycling make?</li> <li>▪ Integrating slow modes into sustainable public transport</li> </ul>
15.00- 15.20	<b>Neil Greig</b> The AA Motoring Trust	WHAT MOTORISTS THINK – WILL THEY EMBRACE NEW APPROACHES? <ul style="list-style-type: none"> <li>▪ Who buys the most energy efficient cars and why?</li> <li>▪ What does it take to get new fuels and technologies to become popular?</li> <li>▪ What policy changes does government need to make?</li> </ul>
15.20- 15.45	<b>Plenary</b>	
15.45- 16.00	<b>Derek Halden</b> DHC and Editor, Scottish Transport Review	<b>Summing up</b> <ul style="list-style-type: none"> <li>▪ Overall conclusions of the day</li> <li>▪ Opportunities for future studies, knowledge dissemination and action</li> </ul>