

## Life Cycle Assessment of Greenhouse Gas Emissions from Ruminant Agriculture

**The National Motorcycle Museum, Solihull**  
**7 October 2009**

There is both an increasing interest in the use of life cycle assessment to establish the carbon footprint of ruminant products and a lack of consensus on the appropriate methodology, framework and boundaries within which estimates should be made. In this workshop we intend to bring together scientists, policy makers and representatives of the ruminant production industry and the food chain to explore these issues with the aim of stimulating debate and reaching a consensus on the most appropriate methodologies to use within the sector.

### PROGRAMME

09:55 Welcome - *Chairman: Dr Sinclair Mayne, BSAS President*

10.00 **An overview of life cycle assessment and carbon footprinting**  
*Adrian Williams, Cranfield University*

10.30 **Livestock, life cycle analysis and the broader view**  
*Tara Garnett, Food Climate Research Network, University of Surrey and Bruce Cottrill ADAS*

11:00 Coffee

Chairman: *Mr Jim Fordyce, SFT President*

### Issues associated with calculating the carbon foot print of ruminant agriculture

11.30 **Greenhouse gas emissions related to livestock in the UK inventory**  
*Laura Cardenas, North Wyke Research*

12:00 **Carbon accounting for changes in livestock systems**  
*Eileen Wall, SAC*

12:30 **Building carbon footprints from the bottom up: issues of farms, farmers, scale and uncertainty**  
*Professor Gareth Edwards-Jones and Katrin Plassmann, Bangor University*

13.00 Lunch

13:50 Group discussion  
*Leader Dr Sinclair Mayne, Rapporteurs Dr Eileen Wall, Dr John Allen*  
*Leader Prof Jamie Newbold, Rapporteurs Mr Jim Fordyce, Prof Nigel Scollan*

Chairman: *Prof Jamie Newbold*

14:50 **The application of life cycle analysis in the marketing of milk**  
*Amanda Ball, DairyCo*

**Collaboration on a global basis can work – The Dairy Industry example**  
*Brian Lindsay, Consultant - Sustainable Agriculture Initiative*

15:20 **Ensuring consistency in assessment of product carbon footprints**  
*Andie Stephens, Carbon Trust, London*

15:40 Tea and Report on workshop discussion

16:30 Finish



