



WORKSHOP
**“ENERGY-RELATED ECONOMIC STRESS AT THE INTERFACE BETWEEN
TRANSPORT POVERTY, FUEL POVERTY AND RESIDENTIAL
LOCATION”**

University of Leeds, 20th – 21st May 2015

Over the last two decades carbon reduction policies, rapidly fluctuating oil prices and stagnating real incomes have drawn increasing attention to questions of affordability in the transport and the domestic energy sector. However, there are differences in research and policy emphasis between EU countries. The UK has pioneered transport & social exclusion research and accessibility planning, but with a focus more on lack of car ownership than on the economic stress and oil vulnerability of motorised households. The notion of fuel poverty is well established in the British context, but is narrowly focused on domestic energy consumption. In France, by contrast, the notion of 'energy precarity' is increasingly applied to both home and transport energy use. In both Germany and France, rising transport costs have been seen as an opportunity to steer spatial planning and residential location choices towards the 'compact city', to a greater extent than in Britain.

As a whole, the body of knowledge on transport and energy-related economic stress in the EU is substantial and involves various disciplines and areas of policy making. This two-day workshop aims to capitalise on this, fostering cross-fertilisation across national and disciplinary boundaries, challenging "silo" approaches of policy making in which issues of transport, housing residential development and fuel poverty are seen as separate. It also makes the case for a more rigorous conceptualisation of transport poverty - as much more than just the poor relative of fuel poverty.

The event is part of the EPSRC-funded research project [\(t\)ERES](#) (*Energy-related economic stress in the UK, at the interface between transport, housing and fuel poverty, 2014-2016*) of the Universities of Leeds and Aberdeen, and attached to the [DEMAND](#) (*Dynamics of Energy, Mobility and Demand*) Research Centre (2013-2018).

The workshop is organised over two days. The first is targeted to an academic audience, with presentations by British, French and German scholars. The second day is targeted at policy makers, non-governmental organisations and businesses active in the areas of transport and fuel poverty. The discussion will build on the main insights of the previous day, and UK policy makers will present the government action on affordability in the three areas: transport, housing and domestic energy.

Breakout sessions will be organised where small, cross-sectoral groups will be encouraged to: (i) consider the interactions between transport, housing and fuel poverty; (ii) challenge conventional practice by imagining possible policy initiatives for the UK while taking into account the economic, social and ethical complexities that they face.

The expected outcomes of the workshop are: (i) cross-fertilization between national research traditions, fostering future collaborations and contributing to the development of future research agendas; (ii) the generation of a group of non-academic stakeholders for the (t)ERES project, enabling them to shape its research agenda; (iii) knowledge sharing and networking among actors from different backgrounds, contributing to the development of innovative cross-sectoral policies.

PROGRAMME

First day, May 20th

Academic day: Transport costs research and policy in France, Germany and the UK

**Institute for Transport Studies, University of Leeds,
34-40 University Road, LS2 9JT, Leeds
Lecture Theatre (G07)**

9:30-10:00	<i>Welcome refreshments</i>
10:00	Introduction
10:00-10:30	Welcome and introduction <u>Prof. Greg Marsden</u> , Director of ITS, University of Leeds
10:30 – 11:00	“Households without cars, motoring costs and affordability” <u>Dr. Giulio Mattioli</u> , ITS Leeds
11:00-11:15	<i>Short break</i>
11:15-12:45	Transport, affordability and energy precarity in French research
11:15-11:45	“Transport costs, oil vulnerability and urban form in French metropolitan areas” <u>Dr. Jean-Pierre Nicolas</u> , LET & ENTPE, Universite' de Lyon

- 11:45-12:15 **“Energy poverty research and policy-making in France, at the interface between transport and fuel poverty”** Dr. Yves Jouffe, Lab'Urba, Université Paris-Est Marne-la-Vallée
- 12:15-12:45 **“Escaping car dependence and transport costs in French periurban areas”**, Dr. Benjamin Motte-Baumvol, Université de Bourgogne
- 12:45-13:45 *Buffet lunch and open discussion*
- 13:45-14:45 **Transport costs, residential location and spatial planning in Germany**
- 13:45-14:15 **“The consequences of rising transport costs in German planning and research”** Prof. Carsten Gertz, Institut für Verkehrsplanung und Logistik, Technischen Universität Hamburg-Harburg
- 14:15-14:45 **“Transport costs seen through the lens of residential self-selection and mobility biography studies”**, Prof. Joachim Scheiner, TU Dortmund, Fachgebiet Verkehrswesen und Verkehrsplanung, Technische Universität Dortmund
- 14:45-15:15 *Break*
- 15:15-15:45 **"The 'oil vulnerability'of commuter patterns: A case study from Yorkshire and the Humber, UK"**, Dr. Robin Lovelace & Dr. Ian Phillips, University of Leeds
- 15:45-16:45 **Roundtable discussion: transport poverty research – what lessons from an international comparison?** With the participation of Prof. Jillian Anable (University of Aberdeen), Prof. Karel Martens (Radboud University Nijmegen) and Prof. Gordon Walker (Lancaster University). Chair: Dr. Karen Lucas (ITS Leeds).
- 16:45 – 18:30 *Networking slot (with drinks)*
- 19:00 - *Dinner (for speakers and organizers)*

Second day, May 21st

Policy day: Affordability across the transport, housing and domestic energy sector

Worsley building, University of Leeds, LS2 9JT, Leeds

Seminar Room 9.27, level 9

- 9:30-10:00 *Welcome refreshments*
- 10:00 **Introduction**
- 10:00-10:05 **Welcome and introduction**, Prof. Greg Marsden, Director of ITS, University of Leeds
- 10:05-10:35 **“What energy uses matter? Fuel poverty beyond heating”**, Prof. Gordon Walker, Lancaster University
- 10:35-11:05 **“Transport poverty, fuel poverty and residential location: insights for policy-making from the first day of workshop”**, Dr. Giulio Mattioli, ITS Leeds
- 11:05-11:35 **“The two faces of energy poverty. Households’ energy burden in the residential and mobility sectors at the city level”**, Dr. Marie Sevenet & Ines Imbert, European Institute for Energy Research, Karlsruhe
- 11:35-12:30 *Buffet lunch and open discussion*
- 12:30 **Policy session – Government action in the UK on affordability across sectors**
- 12:30-12:45 **“Affordability and accessibility in transport”** Deirdre O'Reilly, Department for Transport
- 12:45-13:00 **“The UK government strategy for Locally-Led Garden Cities”**, Cathal Rock, Department for Communities and Local Government
- 13:00-13:15 **“Government action on fuel poverty in England”**, Sam Jenkins, Fuel Poverty and Smart Meters team, Department for Energy and Climate Change
- 13:15-13:45 Q&A session

13:45-15:15

Breakout sessions: how to tackle affordability across sectors?

- 1. Reconciling housing and transport affordability**
(Seminar Room 9.27, Worsley building, level 9)
- 2. Towards a comprehensive approach to energy poverty**
(Seminar Room 9.57, Worsley building, level 9)
- 3. Transport poverty - definition and measurement**
(Seminar Room 9.87, Worsley building, level 9)

15.15-15:45

Break

15:45-17.00

Plenary session Chair: Dr. Karen Lucas, ITS Leeds.