

*Workshop Programme*

***Short term versus long term energy planning  
Considering temporal trade-offs in decarbonisation pathways***

WORKSHOP  
28<sup>th</sup> – 29<sup>th</sup> April 2016

Senate House, Malet Street, London WC1E 7HU

**Day 1, Thursday April 28<sup>th</sup>**

**11:00 – 11:30** Registration

**11:30 – 11:45** Welcome and introduction  
Neil Strachan, UCL Energy Institute, WholeSEM, UK  
Francesco Fuso Nerini, UCL Energy Institute, UK

**11:45 – 12:30** Keynote address  
David Joffe, Committee on Climate Change, UK

**12:30 – 13:30** Lunch

**13:30 – 15:00** Session 1: Myopic modelling in Times – country case studies

*Implications of Limited Foresight on Wind Park Investments in Norway*  
Arne Lind & Eva Rosenberg, Institute for Energy Technology (IFE), Norway

*The myopic UKTM model: lessons learned for reaching UK's climate targets*  
Francesco Fuso Nerini, University College London, UK

*Modelling Climate Policy Recommendations for Sweden*  
Anna Krook Riekkola, Luleå University of Technology, Sweden

*Myopic Times and the PanEU model*  
Markus Blesl, University of Stuttgart, Germany

**15:00 – 15:30** Break

**15:30 – 17:00** Session 2: Integrating optimization and dispatch energy models

*Modelling long- term energy pathways with high shares of variable renewable energy sources*  
Marianne Zeyringer, University College London, UK

*Soft-linking Energy Models: Best of both worlds or just getting the wrong answer quicker?'*  
Paul Deane, University College Cork, Ireland

*Incorporating flexibility into long-term energy systems models*  
Manuel Welsch, International Atomic Energy Agency, Austria

*Presentation name TBC*  
Falko Ueckerdt, Potsdam Institute for Climate Impact Research, Germany

**17:00 – 17:30** Discussion

**19:00 – 21:00** Food and drinks reception

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**Day 2, Friday April 29<sup>st</sup>**

**8.30 – 9:00** Coffee

**09:00 – 10:30** Session 3: Myopic modelling in Times – Multi-regional case studies

*The effect of foresight on the evolution of energy strategic indicators using the ETM global energy model*

Helena Cabal and Yolanda Lechón, Centro de Investigaciones Energéticas, Medio Ambientales y Tecnológicas (CIEMAT), Spain

*Analysing the impact of short-term vs long-term planning horizon on EU and Swiss electricity systems: myopic vs clairvoyant EUSTEM and STEM models*

Rajesh Mathew Pattupara, Energy Economics Group, Paul Scherrer Institute, Switzerland

*Time-scale reconciliation to shed light on the plausibility of long-term low carbon pathways: power system issues*

N. Maïzi, MINES ParisTech, France

**10:30 – 11:00** Coffee break

**11:00 – 12:30** Session 4 – Dealing with time trade-offs in other modelling frameworks

*An industry perspective on challenges in modelling power markets beyond current policies*

Oisín Tummon, Statkraft, Norway

*Balmorel investments with various decision horizons and uncertainty*

Hans Ravn, Aeblesvæn, Denmark

*Short and long run decision making in the CIMS and RGEEM hybrid technology simulation and CGE models*

Chris Bataille, Simon Fraser University, Canada

**12:30 – 13:30** Lunch

**13:30 – 14:30** Panel discussion

Peter Taylor, University of Leeds, UK

Markus Blesl, University of Stuttgart, Germany

Ilkka Keppo, University College London, UK

Manuel Welsch, International Atomic Energy Agency, Austria

**14:30 – 15:30** Way forward, special journal issue and review paper

Francesco Fusco Nerini, University College London, UK

Marianne Zeyringer, University College London, UK

**15:30** Closure of day 2