



Whole systems analysis for a UK more electric low carbon energy future

Final Dissemination Conference

26th February 2016
Coin Street Neighbourhood Centre
South Bank, London

To register:

Limited places are still available! To register please contact Dr Miles Davis (md252@bath.ac.uk) by Wednesday 10th February at the latest.

Please include details of any specific dietary or access requirements, and state which parallel sessions you would like to attend.



Conference Programme

9.30 – 9.50	Registration and refreshments	Max Nasatyr Room
9.50 – 10.00	Welcome and Introduction	Max Nasatyr Room
10.00 – 10.30	KEYNOTE: “The Future is Now” <i>The Rt. Hon the Lord Deben</i>	Max Nasatyr Room
10.30 – 11.15	“Realising Transition Pathways for a low carbon energy system in the UK: Challenges and Opportunities” <i>Prof Peter Pearson, Prof Geoffrey Hammond, Prof Matthew Leach, Prof Tim Foxon and Dr Stuart Galloway</i>	Max Nasatyr Room
11.15 – 11.40	REFRESHMENTS	Lil Patrick / Fred Miller
11.40 – 12.55	Panel Session: Implications of Realising Transition Pathways Research. Chaired by Dr James Smith; Panellists include: Jonathan Brearley; Rebecca Willis; Dr Jenny Cooper and Dr David Joffe	Max Nasatyr Room
12.55 – 14.00	LUNCH	Lil Patrick / Fred Miller
14.00 – 14.55	Parallel sessions 1-3	
	1. Exploring the Pathways	Max Nasatyr Room
	2. Costing the Pathways	South Bank Rooms
	3. Energy Technology Assessment and Whole Systems Appraisal	South Bank Rooms
14.55 – 15.10	AFTERNOON TEA	South Bank / Lil Patrick
15.10 – 16.00	Parallel sessions 4-6	
	4. Technical Evaluation of the Pathways	South Bank Rooms
	5. Qualitative and Quantitative Aspects of the Pathways	Max Nasatyr Room
	6. Actors and Governance	South Bank Rooms
16.00 – 16.30	Panel Session: <i>Interdisciplinary working to enable future energy transitions.</i> Chaired by Prof Peter Taylor; Panellists include: Prof Patrick Devine-Wright; Dr Neil Bateman; Beth Robertson and Dr Jason Chilvers	Max Nasatyr Room
16.30	CLOSING REMARKS	

Parallel sessions

1. Exploring the Pathways

(Chair: Prof Jim Watson, UKERC, tbc)

- Facilitating interdisciplinary learning among the RTP models.
Dr Evelina Trutnevyte, ETH Zurich
- Exploring Thousand Flowers: Headline messages for a civic energy future.
Dr Stephen Hall, University of Leeds
- Options, Choices, Actions.
Dr Jo Coleman, Director, Strategy Development, ETI

2. Costing the Pathways

(Chair: Dr Tera Allas, Visiting Fellow, McKinsey Global Institute)

- Economic analysis of the Pathways.
Dr Francis Li, University College London
- Role and value of demand side flexibility in facilitating cost effective transition to low carbon energy system
Dr Danny Pudjianto, Imperial College London
- The uncertain costs of the future transition.
Prof Richard Green, Imperial College London

3. Energy Technology Assessment and Whole Systems Appraisal

(Chair: Dr Garry Staunton, GSA)

- Energy technology assessment of disruptive low carbon systems.
Prof Geoffrey Hammond, University of Bath
- Environmental life cycle assessment of the UK transition pathways.
Aine O'Grady, University of Bath
- Full LCA of wave energy conversion.
Prof Gareth Harrison, University of Edinburgh

4. Technical Evaluation of the Pathways

(Chair: Dr Adam Morton, Rolls Royce plc)

- Hourly Time-Step Analysis of Grid Balancing.
Dr John Barton, Loughborough University
- Hybrid Energy System Analysis.
Dr Stuart Galloway, University of Strathclyde

5. Qualitative and Quantitative Aspects of the Pathways

(Chair: Dr Jeffery Hardy, Ofgem)

- Modelling how people use energy: progress on bridging the interdisciplinary gap
Dr Eoghan McKenna, Loughborough University
- Interdisciplinary experiments in energy modelling: co-producing social science and engineering insights on energy demand.
Dr Jason Chilvers, UEA

6. Insights from historical transitions and branching points
(Chair: Dr Caroline Kuzemko, University of Exeter)

- Actors, governance & realising transitions: Insights from history
Prof Peter Pearson, Imperial College London
- Drivers and constraints to low carbon investment.
Prof Tim Foxon, University of Sussex

All presentations will be made available for electronic download from the Realising Transition Pathways website after the event (www.realisingtransitionpathways.org.uk)