

Integration Event - Pathway to decarbonisation: is there a role for gas (and shale gas) in meeting the Government's 2050 net zero emissions target?

09:30 – 10:00	Arrival - Registration and Coffee
10:00 – 10:10	Welcome and opening remarks Professor Richard Davies (Newcastle University)
Session 1 10:10 – 11:35	<p>The Role of Natural Gas (and Shale Gas) in the UK Energy Landscape Chaired by Dr Jen Roberts (University of Strathclyde)</p> <ul style="list-style-type: none"> (a) Professor Mike Bradshaw (Warwick Business School) Net-zero, energy security and the future of natural gas in the UK (b) Dr John Broderick (University of Manchester / Tyndall Centre): Unconventional gas, UK carbon targets and the Paris Agreement. (c) Professor Patrick Devine-Wright (University of Exeter): Public perceptions of gas in the UK Energy Mix (d) Dr Sau-Wai Wong (Cuadrilla): Shale gas composition: what we know from Preston New Road (e) Mark Lappin: The future of natural gas in UK energy <p style="text-align: center;">Panel Q&A</p>
11:35 – 11:55	Coffee and networking
Session 2 11:55 – 13:15	<p>Environmental and economic impacts of shale gas. Chaired by Dr. Jen Roberts</p> <ul style="list-style-type: none"> (a) Professor Tina Hunter (University of Aberdeen): Environmental and economic impacts of shale gas: a regulatory and legal perspective (b) Professor Fred Worrall (Durham University): Fugitive emissions of GHG from gas infrastructure (c) Dr Jacob Shaw (University of Manchester): Measuring methane emissions at PNR (d) Dr Laurence Stamford (University of Manchester) LCA, decarbonisation and end-of-life <p style="text-align: center;">Panel Q&A</p>
13:15 – 13:45	Lunch
Session 3 13:45 – 14:45	<p>The moratorium on hydraulic fracturing and its implications for the UKUH Programme Professor Richard Davies and Dr Jen Roberts</p> <p style="text-align: center;">Plenary discussion</p> <p>In light of the information from this morning and also in light of the information about the moratorium, we invite everyone in the room to consider:</p> <ul style="list-style-type: none"> • Reflections – personal or experiences from other (shale gas or other) projects • What can the Programme or community do or do differently? • Are there synergistic projects to link with the UKUH programme? Or new or complementary data? • Where might UKUH research inform / route to impact?
Session 4 14:45 – 15:00	<p style="text-align: center;">Wrap up and next steps Professor Richard Davies</p> <p style="text-align: center;">Summary and next steps from this second integration event</p>
	<p>Please provide us with feedback to help shape future events. Please use the post it notes and leave your comments on the board as you leave. Thank you.</p>