

Notes of Discussion

Project:	Assessment of Renewable Heat Potential in NI	Job No/Ref:	60143005
Purpose:	Inception meeting	Date held:	1st December 2009
Held at:	DETI - Belfast	Made by:	Andrew Cripps
Present:	Alison Clydesdale DETI Dan Sinton DETI Peter Hutchinson DETI Andrew Turton AECOM Andrew Cripps AECOM Ruairi Dempsey AECOM Gareth Davies Poyry	Distribution:	Paul Woods
Apologies:	Andy McCrea AECOM		

No.	Item	Action By
1	<p>Introductions</p> <p>Peter Hutchinson – Deputy Principal Renewables. Main contact for renewable heat.</p> <p>Dan Sinton: Technical advisor to DETI on energy policy</p> <p>Alison Clydesdale: Head of heat and energy saving.</p> <p>Team is led by Jenny Pyper, Director of Energy Group.</p> <p>Plan to have a steering group for this project made up of other gov't departments and industry reps.</p>	
2	<p>DETI introductions</p> <p>Driver for study is renewable energy directive. NI has to report back to DECC. DECC using RHI. NI is thinking about RHI but different markets for heat compared with GB, especially gas infrastructure and limited opportunities for district heating. NI not sure if RHI is a good idea. Concerns over supply chain for RH.</p> <p>Olivia Martin (working on renewable electricity, work with AECOM on grid) did some previous work, with focus groups from industry. Main findings were people were interested and thought renewable heat opportunities a good idea, but more money needed to do projects. Keen interest from biomass and agriculture sectors in terms of potential markets. AC to provide write up of focus group notes.</p> <p>Questions coming from political route, NI will need secondary powers to achieve what is needed as don't have primary powers. DECC timescales for introduction in 2011 are not considered possible for NI..</p> <p>Strategic energy framework, 10% based on Scottish work. Evidence needed: hence this piece of work to support it and firm up this framework. The 10% is open to change either up or down. However a robust evidence base is required hence this piece of work.</p>	AC

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	<p>£65M from Peter Hain to develop energy schemes, with £20M allocated to energy from waste schemes. Offers made, but the suppliers have rejected funding as the schemes are not currently considered viable, even with grant funding. Information available on more detailed responses on why schemes considered not to be viable.</p> <p>Timescales: Need to make RHI decision: leads to legislative process: hence fast: 2 years to get in place. Need to go through reporting, decision and consultation process which is ambitious before DECC 2011 deadline.</p> <p>It would be useful to follow up RHI progress with heat team at DECC, e.g. Hurgan Hay, Andy Cormie, and others. Gareth to contact. DECC currently conducting next stage of Heat and Energy Saving Strategy. Feeling from NI that current DECC work is too much CERT based for relevance to NI, although there have been some response from NI on call to evidence for HESS.</p> <p>Other relevant work:</p> <ul style="list-style-type: none"> • DECC project group on biomass and heat grid now. NI invited to join. • SW college project (Omagh campus): Biogenesis. Mapping of biomass resources. PH to provide contact. • Peter to do trawl of colleges / researchers who may be doing other relevant work • Renewable electricity study (Olivia Martin). Need to tie in assumptions on future growth with this work. AC to provide details / Olivia Martins contact details. 	PH
		GD
3	<p>Client team and steering group</p> <p>Peter Hutchinson to act as first point of contact on project.</p> <p>Steering group to be set up as soon as possible to help guide project. Concern that it may be too biomass / agriculture based and the group needs to reflect the complete range of interests and options.</p> <p>Aim to meet with steering group in January (post meeting – date set for 19th January) to present study and initial assumptions. DETI to provide a list of contacts within the proposed group.</p>	PH
4	<p>AECOM presentation</p> <p>Points raised during discussion:</p> <ul style="list-style-type: none"> • DS as point of contact with suppliers. Can test water at meeting on 11th December and raise the idea of asking for data. Oil, coal and biomass. AECOM to provide very brief presentation. Noel Williams from EST also speaking at that meeting. Energy services agreement forum. • Northern Ireland Oil Federation to be present at meeting. David Blevings is contact. • Electricity consumption from NIE should be relatively easy to obtain. Peter to provide contact details (AECOM also to use Andy McCrea contacts). • Customs and Excise have information on sales for oil and coal, with delivery address by postcode. Not much information obtained from them in the past. Alison to provide information obtained so far and potential contacts. • OFTEC (Oil firing technical association) have consumption data. AECOM 	DS / AECOM PH / AECOM AC AECOM

	<p>to contact.</p> <ul style="list-style-type: none"> Proposals for review of EU countries agreed as best approach. Basic need to understand what works elsewhere and why, and how does this compare with NI. NI get the 'they do it in Denmark, Austria, Germany' comments, so need to understand if there is a good reason why this might work / not work in NI. New build does need to be included in the report as it will have an impact. DARD leading on work looking at growth scenarios. Peter H to provide details. Impact of expansion of gas network; More expansion would have impact on CO₂ emissions through lower carbon fuels. Need to understand the impact of this in light of renewable heat. Bioenergy action plan – being consulted on. ROC consultation now as well. Possible feed-in tariff too. What form of targets to use, %, totals etc. Olivia Martin should have work on targets, linked to new growth. Important to tie up studies to ensure assumptions are the same / similar where possible. Real targets (GWh) are preferred, although % are often more easily interpreted by public / politicians. Outcome from this study should be real targets that can then be converted to % when required. Assumptions on energy growth from renewable electricity strategy. AC to provide details. Micro- gen scheme had target for 4000 units rather than % or GWh. There is a need to tie in unit targets to CO₂ savings etc. District heating history. There was some in Belfast, Derry, Ballymena. Last plant went 20 years ago, lots of leakage problems, so tough to bring back in due to public perception. Systems for heat metering etc didn't work well. Noted that this is a general UK issue, and there is a need to sell / promote modern schemes which are far more reliable 	<p>PH</p> <p>AC</p>
5	<p>Information request</p> <p>There is a need to find the correct people in each department to speed up information request. AT to send through detailed info request sheet ASAP which can be distributed.</p> <p>EST have NI renewable energy database – probably domestic. Noel Williams at EST. Contact for NW to be provided.</p> <p>Scoping work on what measures have been done for energy efficiency (presumably in the commercial sector). Jeff Smith, Carbon Trust. PH to provide contact details.</p>	<p>AT</p> <p>PH</p> <p>PH</p>
6	<p>EPCs on landmark database could be a source of efficiency information – however issues around accessing data, and unlikely for this study.</p> <p>Assumptions</p> <p>Project team to develop draft assumptions document ASAP for review by the client team and steering panel for review in January meeting.</p> <p>CO₂ should be linked to NI power generation and not GB power generation. GD commented that this is strongly linked to cost assumption for electricity. Some energy price comparison work emerging from NI – AC to send through details.</p>	<p>AECOM</p> <p>AC</p>
7	<p>Review of selection criteria for policy assessment</p> <p>Review postponed to later discussion</p>	

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<p>8</p>	<p>Timescales and project management Budget limited to the financial year (end March 2010): so there is a need to have a complete report by end March. AC confirmed that a final draft would be acceptable with comments and minor amendments made after this date. Invoices can be issued after end March but need to refer to completion of work before end march.</p> <p>Interim report should be a useful and meaningful interim document for review by the steering group. Timescales slightly flexible to allow useful outputs to be generated. Interim report to steering group should be in the form of a PPT presentation, but accompanied by a written document which starts to form the final report, making approach and structure clear.</p> <p>A small update report / e-mail would be useful for the client team every 2 weeks to ensure progress is on track.</p> <p>Meet steering group mid January. Jenny Piper is Director, she should chair steering group.</p>	<p>AT</p>
<p>9</p>	<p>Contract Contract issues to be discussed with DfP (Peter Donnelley)</p>	<p>AT</p>