

From: [Clydesdale, Alison](#)
To: [Connolly, Samuel](#); [McConville, Carmel](#)
Cc: [Hutchinson, Peter](#); [Hepper, Fiona](#)
Subject: TOR for EA for Renewable Heat Incentive
Date: 22 October 2010 16:02:00
Attachments: [TOR - EA RHI V2.tr5](#)
[TOR - EA RHI V2.DOC](#)

Sam / Carmel

Further to our telephone conversation, were we agreed that now that funding has been confirmed for an RHI we can simplify the Economic appraisal to look at the RHI only.

Attached therefore re-drafted economic appraisal on RHI, for your comment.

We are keen to get this out to tender as soon as possible so grateful for comments by 29 October.

Best Regards

Alison

Alison Clydesdale

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Please consider the environment - do you really need to print this e-mail?

TERMS OF REFERENCE

ECONOMIC APPRAISAL OF A NORTHERN IRELAND RENEWABLE HEAT INCENTIVE

General

1. The Department of Enterprise Trade and Investment (DETI) is responsible for the development and maintenance of an appropriate legislative and policy framework for energy in Northern Ireland and recently published the Strategic Framework for Northern Ireland to cover the next 5-10 year period. The vision is for a competitive, sustainable, reliable energy market at the minimum cost necessary. Four key policy goals have been identified to support this vision as follows
 - Competitiveness
 - Security of Supply
 - Infrastructure
 - Sustainability
2. The EU Renewable Energy Directive (2009/28/EC), published in the Official Journal of the European Union on 5 June 2009, requires that member states ensure that 15% of their energy consumption comes from renewable sources by 2020. This requirement extends beyond electricity to heating and cooling and to transport. In line with this, DETI has ~~recently~~ committed in the recently published Strategic Energy Framework 2010, to achieving a renewable heat target of 10% by 2020.
3. DETI now wishes to appoint a consultant to undertake an independent economic appraisal of the level of support that could be introduced through a Renewable Heat Incentive to encourage the roll-out of renewable heat technologies in Northern Ireland and support this 10% target to 2020. The DETI Minister has already indicated that a Northern Ireland Renewable Heat

Incentive will be implemented if it is economically viable. The budget allocation for an RHI in Northern Ireland is £25m from 2011/12 – 2014/15. This funding has been provided by HM Treasury and is only available to Northern Ireland for a Renewable Heat Incentive. This is to ensure that Northern Ireland is not disadvantaged compared to the rest of the UK. This economic appraisal needs to therefore identify the most cost effective option for implementing the policy of a renewable heat incentive.

Background

4. In light of the obligations within the EU Renewable Energy Directive, developments in renewable heat policy in Europe and the proposed introduction of the RHI in GB, DETI commissioned a comprehensive study into renewable heat in Northern Ireland. The purpose of this study was to establish up to date and accurate statistics on the current heat and renewable heat usage in NI; benchmark the potential for renewable heat in NI against renewable heat markets in GB, ROI and Europe; present options on how the renewable heat market in NI could be encouraged; and make projections for an evidence based renewable heat target to 2020. **A copy of the study is available on request.**
5. Heat demand in Northern Ireland has been estimated at 17GWh, of this 1.7% currently comes from renewable sources. The majority of heat use ~~is~~ in Northern Ireland is in the domestic sector, at 61% of the total heat demand or 10,644 GWh. This is followed by the large industrial sector at 22%, the commercial sector at 12% and finally the public sector at 4%.
6. This study has concluded that a realistic and achievable target for renewable heat is 10% by 2020. The reaching of this target would contribute to requirements placed on the United Kingdom under the Renewable Energy Directive as well as supporting wider energy policy goals of increased fuel security, reduced carbon emissions and developing opportunities for 'green' jobs.

Achieving a 10% target

7. The recently completed study includes a number of possible policy / support options available to DETI in order to assist increasing the level of renewable heat currently deployed in Northern Ireland.

- **The development and implementation of a specific Renewable Heat Incentive (RHI) for Northern Ireland.** The GB RHI, as it stands, appears to be inefficient for Northern Ireland, by over-incentivising some technologies and not encouraging the most cost-effective options (background information on the GB RHI is available at **Annex A**). DETI now wishes to develop a specific RHI model for Northern Ireland .
- **Targeted support for the heavy industrial sector.** In Northern Ireland 17 heavy industrial sites account for 22% of the total heat demand, with 2 sites on their own accounting for around 15% of total heat demand, therefore there is considerable potential in supporting the reaching of the 10% target through renewable heat in this sector. A support mechanism for this sector could be rolled out in conjunction with a NI RHI or independently.
- **Development of biogas.** There is considerable theoretical potential for the development of biogas schemes in Northern Ireland. The generation of biogas for injection into the gas grid appears to be the most resource and cost efficient means of generating renewable heat. An assessment needs to be taken on ~~how~~ whether or not this technology could be incentivised through an RHI model.
- **New builds.** The level of renewable heat in new developments between 2010-2020 could potentially represent (range from 0% (assuming high levels of energy efficiency and use of low carbon rather than renewable fuels) up to 4.9% if all heat was met by renewable technologies. The level to which renewable technologies in the new build sector could contribute to supporting the 10% target will need to be assessed.

Purpose of this assignment

8. DETI now wishes to appoint a consultant to undertake an independent economic appraisal of ~~an~~ Northern Ireland specific renewable heat incentive. The economic appraisal must establish SMART objectives and should identify any constraints to the project. The economic appraisal must be carried out in line with Northern Ireland Guide to Expenditure to Appraisal Expenditure Appraisal and Evaluation (NIGEAE) guidelines.

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Contract Requirements

9. The key objectives of this assignment will include but should not be limited to the following;

- Identify the strategic context within which this policy sits, specifically identifying the particular EU, UK and NI policy that is relevant.

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- Determine the need for Government intervention in the renewable heat industry in Northern Ireland.

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- - Explain the legal requirement of the EU Renewable Energy Directive

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- - Detail of measures employed in GB, Rol and the EU to support the development of renewable heat

- - Assess the specific market failure for renewable heat in Northern Ireland

- - Assess the demand and potential for growth in the renewable heat market

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- - Assess the impact of doing nothing

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- **Outline the objectives of Government's support of the renewable heat industry and the associated benefits in particular :-**

- Assess the potential associated benefits to the wider economy.
- Outline how the widespread implementation of renewable heat technologies could impact on fuel poverty (positively and negatively).
- Detail the associated carbon savings in reaching 10% renewable heat.
- Identify key technologies and likely % contribution to the 10% target.

- **Identify a full list of potential options for future delivery of a Northern Ireland Renewable Heat Incentive.**

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- **Provide a detailed analysis of the economic cost/benefit of implementing a renewable heat incentive in domestic, non-domestic and the large industrial sector in NI, in particular:-.**

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- An assessment of appropriate tariff levels (pence per kwh) and lengths (number of years), with consideration given to the need for different categorisation.
- An assessment of the potential uptake of the RHI over its lifetime, the associated cost and the impact on the levels of renewable heat. This assessment should include consideration of a number of agreed variables.

- **Identify and quantify the monetary costs and benefits for each option to include;**

- ~~CapEx, OpEx, non-financial costs etc.~~
- Each option should be fully costed and the financial payback of each technology should be assessed.
- Identify any potential additionality, deadweight and displacement impacts.
- Present a recommended approach based on cost / benefit analysis

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- **Assess and identify the potential risks in delivery in a future support scheme, to include consideration of;**
 - Potential low uptake.
 - Inadequate levels of support.
 - Impact of the extension of the gas network.
 - Impact of constraints of biomass.
 - Increase / decrease in energy costs.

- **Outline the non-monetary costs and benefits of delivering a RHI support scheme and increasing renewable heat levels to 10% by 2020, in particular but not limited to :**
 - Potential development of the renewable heat industry and 'green jobs'.
 - Carbon savings.
 - Impact that a renewable heat incentive may have on alternative industries e.g. oil/gas

- **Calculate net present values and assess uncertainty .**
 - To include a summary of all the cost information required above
 - To include sensitivity analysis of key assumptions

- **Make recommendations, based on the evidence gathered and the economic analysis carried out, on the most cost effective structure of a Northern Ireland RHI to increase the level of renewable heat to 10%.**

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Project Management and Timetable

10. The Project will be managed by DETI Sustainable Energy Branch in conjunction with DETI Economics Branch and the consultant will be asked to liaise closely and submit regular reports (frequency of written reports and meetings to be agreed) to enable the review of progress.

11. Payment will be made in full upon satisfactory completion of the assignment.
No interim stage payments will be provided.

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12.11. It is anticipated that the appointed consultant will be available to commence work w/c **136 December 2010** and provide a draft report by **18 February 2011**, with a final report available by **28 February 2011**.

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Project Output

12. Draft and final reports to be available electronically and in hard copy (4 hard copies of the final report required).

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Monitoring and Evaluation

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13. The economic appraisal will be monitored by Sustainable Energy Branch in conjunction with DETI economics branch. The project will be evaluated within 3 months of completion.

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Project Funding and Payment

14. The economic appraisal will be funded from the EU Competitiveness Programme and as such the final report will have to meet the publicity requirements of the programme.

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15. Payment will be made in full, on satisfactory completion, production and acceptance by DETI, of the work undertaken.

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Terms of Reference

16. In submitting an application tenderers must address the following:

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(i) Detail the proposed consultant / team to carry out the appraisal and detail their previous relevant experience.

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(ii) Provide details of the proposed methodology to be employed in undertaking the economic appraisal.

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(iii) Provide an estimate of cost and time required to complete the economic appraisal.

Format of Response

17. Details must be provided of the individuals who will be assigned to carry out the assignment to include:

- Consultant's name;
- Consultant's grade. This should be limited to director / partner, lead consultant, senior consultant, consultant, junior consultant, trainee, researcher, research assistant, and analyst;
- Number of days each consultant will spend on this assessment;
- Daily rate;
- Experience – relevant experience should be attached on no more than one A4 sheet per consultant.

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Evaluation Criteria

18. The evaluation criteria that will be used in the award of this contact will have a weighting as follows:

- Methodology (50%)
- Cost (25%)
- Resource Allocation (25%)

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Award of Contract

19. The contract will be awarded to the consultancy that meets the terms of reference offering the best value for money along with appropriate relevant experience in respect of the evaluation criteria.

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Project Output

13. Draft and final reports to be available electronically and in hard copy (4 hard copies of the final report required).

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Intellectual property

14.20. Any tender received by the Department shall remain the intellectual property of the tenderer. Once commissioned, however, all documents/results will

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become the property of the Department to be used as the Department see fit.

Additional Information

15.21. A short bibliography has been provided at **Annex B** to enable consultants to familiarise themselves with the issues and existing research/studies, but it is expected that the consultants will draw on a wider bibliography in relation to heat, renewable heat and methods of incentivisation.

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Equality considerations

16.22. DETI is committed to achieving a successful economy in Northern Ireland which will provide equal opportunities for all. To this end, Section 75 of the Northern Ireland Act 1998 sets out a number of obligations relating to the nine 'Section 75' categories as follows:-

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- Religious belief;
- Political opinion;
- Racial group;
- Gender;
- Marital status;
- Age;
- Persons with disability
- Persons with dependents; and
- Sexual orientation.

17.23. DETI as a recognised public authority has an obligation under Section 75 as detailed in its Equality Scheme which can be accessed on the Department's website at [www.detini.gov.uk/Equality scheme](http://www.detini.gov.uk/Equality%20scheme) .

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18.24. The study must therefore consider equality aspects relating to the nine 'Section 75' categories by considering available data, identifying any adverse impacts that may be present and proposing alternative

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measures/policies which might better achieve the promotion of equality of opportunity.

19.25. The evaluation must also consider the accessibility of the Strategy for all in line with the Disability Discrimination Act 1995.

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Annex A

Great Britain Renewable Heat Incentive (RHI)

The Department of Energy and Climate Change (DECC) published a consultation in February 2010 detailing plans to implement a Renewable Heat Incentive (RHI) in Great Britain from April 2011. This incentive will be open to individuals, community groups and businesses and is intended to increase the uptake of technologies such as air source and ground source heat pumps, biomass boilers, solar thermal etc.

The RHI is intended to lead to a significant increase in the level of renewable heat at the domestic, commercial and industrial scale and it is estimated that this could save up to 60 million tonnes of carbon (MtCO₂) by 2020. The RHI will operate across England, Scotland and Wales, bridging the financial gap between the cost of conventional and renewable heat systems at all scales.

The key features of the RHI, as it stands, are as follows;

- The scheme should support a range of technologies, including air, water and ground-source heat pumps (and other geothermal energy), solar thermal, biomass boilers, renewable combined heat and power, use of biogas and bioliquids and the injection of biomethane into the natural gas grid.
- RHI payments to be claimed by, and paid to, the owner of the equipment.
- In small and medium-sized installations, both installers and equipment to be certified under the Microgeneration Certification Scheme (MCS) or equivalent standard.
- Payments will be paid over a number of years; annually for installations below 45 kW and quarterly for those above this level; subject to conditions such as continuing to operate and maintain the equipment.

- Tariff levels have been calculated to bridge the financial gap between the cost of conventional and renewable heat systems at all scales, with additional compensation for certain technologies for an element of the non-financial cost (e.g. the inconvenience of digging up a garden to install a ground-source heat pump). Tariff levels are proposed to provide a rate of return of 12% on the additional capital cost of renewables, with a lower rate of return of 6% given to solar thermal.
- Payments to be calculated on the annual amount of heat output, expressed in kilowatt hours (kWh). At the small and medium scale, the amount of heat generated by the equipment is proposed to be estimated (or “deemed”) when installed in most cases.
- For large installations and process-heating, heat output will be metered, and the total annual support calculated from the actual energy generated, multiplied by the tariff level.
- The RHI will remain open to new projects until at least 2020. Its design and tariff levels will be reviewed from time to time for new projects, so as to adapt to changes in technology costs and other circumstances.
- Installations completed after 15 July 2009, but before the start of the RHI, will benefit from the scheme as if they had been installed on the date of its introduction.
- Ofgem will administer the RHI, making incentive payments to recipients and taking responsibility for auditing and enforcing the scheme.
- The Energy Act 2008 provides the statutory powers for a renewable heat incentive scheme to be introduced across England, Wales and Scotland. The detailed legal framework will be set out in secondary legislation.

Further information, including a full list of tariffs for the RHI, can be found at <http://www.decc.gov.uk/en/content/cms/consultations/rhi/rhi.aspx>

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Annex B

Bibliography

- The Strategic Energy Framework for Northern Ireland 2010
<http://www.detini.gov.uk>
- An Assessment of the Potential Development of Renewable Heat in Northern Ireland: <http://www.detini.gov.uk>
- Renewable Heat Incentive: Consultation on the proposed RHI financial support scheme
http://www.decc.gov.uk/assets/decc/Consultations/RHI/1_20100204094844_e@@_ConsultationonRenewableHeatIncentive.pdf
- The UK Renewable Energy Strategy (July 2009)
http://www.decc.gov.uk/en/content/cms/what_we_do/uk_supply/energy_mix/renewable/res/res.aspx
- The UK Supply Curve for Renewable Heat, a study for the Department of Energy and Climate Change (July 2009)
http://www.nera.com/image/PUB_Renewable_Heat_July2009.pdf
- Directive 2009/28/EC of the European Parliament and of the Council (23 April 2009) on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:140:0016:0062:EN:PDF>
- The Consultation on a Bionergy Action Plan for Northern Ireland 2009-2014
<http://www.detini.gov.uk/cgi-bin/downdoc?id=4672>

TERMS OF REFERENCE

ECONOMIC APPRAISAL OF A NORTHERN IRELAND RENEWABLE HEAT INCENTIVE

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1. The Department of Enterprise Trade and Investment (DETI) is responsible for the development and maintenance of an appropriate legislative and policy framework for energy in Northern Ireland and recently published the Strategic Framework for Northern Ireland to cover the next 5-10 year period. The vision is for a competitive, sustainable, reliable energy market at the minimum cost necessary. Four key policy goals have been identified to support this vision as follows

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Incentive will be implemented if it is economically viable. The budget allocation for an RHI in Northern Ireland is £25m from 2011/12 – 2014/15.

Background

4. In light of the obligations within the EU Renewable Energy Directive, developments in renewable heat policy in Europe and the proposed introduction of the RHI in GB, DETI commissioned a comprehensive study into renewable heat in Northern Ireland. The purpose of this study was to establish up to date and accurate statistics on the current heat and renewable heat usage in NI; benchmark the potential for renewable heat in NI against renewable heat markets in GB, ROI and Europe; present options on how the renewable heat market in NI could be encouraged; and make projections for an evidence based renewable heat target to 2020. **A copy of the study is available on request.**
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Achieving a 10% target

7. The recently completed study includes a number of possible policy / support options available to DETI in order to assist increasing the level of renewable heat currently deployed in Northern Ireland.

- **The development and implementation of a specific Renewable Heat Incentive (RHI) for Northern Ireland.** The GB RHI, as it stands, appears to be inefficient for Northern Ireland, by over-incentivising some technologies and not encouraging the most cost-effective options (background information on the GB RHI is available at **Annex A**). DETI now wishes to develop a specific RHI model for Northern Ireland .
- **Targeted support for the heavy industrial sector.** In Northern Ireland 17 heavy industrial sites account for 22% of the total heat demand, with 2 sites on their own accounting for around 15% of total heat demand, therefore there is considerable potential in supporting the reaching of the 10% target through renewable heat in this sector. A support mechanism for this sector could be rolled out in conjunction with a NI RHI or independently.
- **Development of biogas.** There is considerable theoretical potential for the development of biogas schemes in Northern Ireland. The generation of biogas for injection into the gas grid appears to be the most resource and cost efficient means of generating renewable heat. An assessment needs to be taken on how whether or not this technology could be incentivised through an RHI model.
- **New builds.** The level of renewable heat in new developments between 2010-2020 could range from 0% (assuming high levels of energy efficiency and use of low carbon rather than renewable fuels) to 4.9% if all heat was met by renewable technologies. The level to which renewable technologies in the new build sector could contribute to supporting the 10% target will need to be assessed.

Purpose of this assignment

8. DETI now wishes to appoint a consultant to undertake an independent economic appraisal of ~~an~~ Northern Ireland specific renewable heat incentive.

The economic appraisal must be carried out in line with Northern Ireland

Guide to Expenditure to Appraisal Expenditure Appraisal and Evaluation (Evaluation (NIGEAE) guidelines.

Contract Requirements

9. The key objectives of this assignment will include but should not be limited to the following;

- **Determine the need for Government intervention in the renewable heat industry.**
- **Outline the objectives of Government's support of the renewable heat industry and the associated benefits in particular :-**
 - Assess the potential associated benefits in wider economy.
 - Outline how the widespread implementation of renewable heat technologies could impact on fuel poverty (positively and negatively).
 - Detail the associated carbon savings in reaching 10% renewable heat.
 - Identify key technologies and likely % contribution to the 10% target.
- **Provide a detailed analysis of the economic cost/benefit of implementing a renewable heat incentive in domestic, non-domestic and the large industrial sector in NI, in particular:-.**
 - An assessment of appropriate tariff levels (pence per kwh) and lengths (number of years), with consideration given to the need for different categorisation.
 - An assessment of the potential uptake of the RHI over its lifetime, the associated cost and the impact on the levels of renewable heat. This assessment should include consideration of a number of agreed variables.
- **Identify and quantify the monetary costs and benefits to include;**
 - CapEx, OpEx, non-financial costs etc.

- Present a recommended approach based on cost / benefit analysis
- **Assess and identify the potential risks in delivery in a future support scheme, to include consideration of;**
 - Potential low uptake.
 - Inadequate levels of support.
 - Impact of the extension of the gas network.
 - Impact of constraints of biomass.
 - Increase / decrease in energy costs.
- **Outline the non-monetary costs and benefits of delivering a RHI support scheme and increasing renewable heat levels to 10% by 2020, in particular but not limited to :**
 - Potential development of the renewable heat industry and 'green jobs'.
 - Carbon savings.
 -
- **Calculate net present values and assess uncertainty .**
 - To include a summary of all the cost information required above
 - To include sensitivity analysis of key assumptions
- **Make recommendations, based on the evidence gathered and the economic analysis carried out, on the most cost effective structure of a Northern Ireland RHI to increase the level of renewable heat to 10%.**

Project Management and Timetable

10. The Project will be managed by DETI Sustainable Energy Branch in conjunction with DETI Economics Branch and the consultant will be asked to liaise closely and submit regular reports (frequency of written reports and meetings to be agreed) to enable the review of progress.

11. Payment will be made in full upon satisfactory completion of the assignment.
No interim stage payments will be provided.

12. It is anticipated that the appointed consultant will be available to commence work **w/c 6 December 2010** and provide a draft report by **18 February 2011**, with a final report available by **28 February 2011**.

Project Output

13. Draft and final reports to be available electronically and in hard copy (4 hard copies of the final report required).

Intellectual property

14. Any tender received by the Department shall remain the intellectual property of the tenderer. Once commissioned, however, all documents/results will become the property of the Department to be used as the Department see fit.

Additional Information

15. A short bibliography has been provided at **Annex B** to enable consultants to familiarise themselves with the issues and existing research/studies, but it is expected that the consultants will draw on a wider bibliography in relation to heat, renewable heat and methods of incentivisation.

Equality considerations

16. DETI is committed to achieving a successful economy in Northern Ireland which will provide equal opportunities for all. To this end, Section 75 of the Northern Ireland Act 1998 sets out a number of obligations relating to the nine 'Section 75' categories as follows:-

- Religious belief;
- Political opinion;

- Racial group;
- Gender;
- Marital status;
- Age;
- Persons with disability
- Persons with dependents; and
- Sexual orientation.

17. DETI as a recognised public authority has an obligation under Section 75 as detailed in its Equality Scheme which can be accessed on the Department's website at [www.detini.gov.uk/Equality scheme](http://www.detini.gov.uk/Equality%20scheme) .

18. The study must therefore consider equality aspects relating to the nine 'Section 75' categories by considering available data, identifying any adverse impacts that may be present and proposing alternative measures/policies which might better achieve the promotion of equality of opportunity.

19. The evaluation must also consider the accessibility of the Strategy for all in line with the Disability Discrimination Act 1995.

Annex A

Great Britain Renewable Heat Incentive (RHI)

The Department of Energy and Climate Change (DECC) published a consultation in February 2010 detailing plans to implement a Renewable Heat Incentive (RHI) in Great Britain from April 2011. This incentive will be open to individuals, community groups and businesses and is intended to increase the uptake of technologies such as air source and ground source heat pumps, biomass boilers, solar thermal etc.

The RHI is intended to lead to a significant increase in the level of renewable heat at the domestic, commercial and industrial scale and it is estimated that this could save up to 60 million tonnes of carbon (MtCO₂) by 2020. The RHI will operate across England, Scotland and Wales, bridging the financial gap between the cost of conventional and renewable heat systems at all scales.

The key features of the RHI, as it stands, are as follows;

- The scheme should support a range of technologies, including air, water and ground-source heat pumps (and other geothermal energy), solar thermal, biomass boilers, renewable combined heat and power, use of biogas and bioliquids and the injection of biomethane into the natural gas grid.
- RHI payments to be claimed by, and paid to, the owner of the equipment.
- In small and medium-sized installations, both installers and equipment to be certified under the Microgeneration Certification Scheme (MCS) or equivalent standard.
- Payments will be paid over a number of years; annually for installations below 45 kW and quarterly for those above this level; subject to conditions such as continuing to operate and maintain the equipment.

- Tariff levels have been calculated to bridge the financial gap between the cost of conventional and renewable heat systems at all scales, with additional compensation for certain technologies for an element of the non-financial cost (e.g. the inconvenience of digging up a garden to install a ground-source heat pump). Tariff levels are proposed to provide a rate of return of 12% on the additional capital cost of renewables, with a lower rate of return of 6% given to solar thermal.
- Payments to be calculated on the annual amount of heat output, expressed in kilowatt hours (kWh). At the small and medium scale, the amount of heat generated by the equipment is proposed to be estimated (or “deemed”) when installed in most cases.
- For large installations and process-heating, heat output will be metered, and the total annual support calculated from the actual energy generated, multiplied by the tariff level.
- The RHI will remain open to new projects until at least 2020. Its design and tariff levels will be reviewed from time to time for new projects, so as to adapt to changes in technology costs and other circumstances.
- Installations completed after 15 July 2009, but before the start of the RHI, will benefit from the scheme as if they had been installed on the date of its introduction.
- Ofgem will administer the RHI, making incentive payments to recipients and taking responsibility for auditing and enforcing the scheme.
- The Energy Act 2008 provides the statutory powers for a renewable heat incentive scheme to be introduced across England, Wales and Scotland. The detailed legal framework will be set out in secondary legislation.

Further information, including a full list of tariffs for the RHI, can be found at <http://www.decc.gov.uk/en/content/cms/consultations/rhi/rhi.aspx>

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Annex B

Bibliography

- The Strategic Energy Framework for Northern Ireland 2010
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http://www.decc.gov.uk/assets/decc/Consultations/RHI/1_20100204094844_e@@_ConsultationonRenewableHeatIncentive.pdf
- The UK Renewable Energy Strategy (July 2009)
http://www.decc.gov.uk/en/content/cms/what_we_do/uk_supply/energy_mix/renewable/res/res.aspx
- The UK Supply Curve for Renewable Heat, a study for the Department of Energy and Climate Change (July 2009)
http://www.nera.com/image/PUB_Renewable_Heat_July2009.pdf
- Directive 2009/28/EC of the European Parliament and of the Council (23 April 2009) on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:140:0016:0062:EN:PDF>
- The Consultation on a Bionergy Action Plan for Northern Ireland 2009-2014
<http://www.detini.gov.uk/cgi-bin/downdoc?id=4672>

From: [McConville, Carmel](#)
To: [Clydesdale, Alison](#)
Cc: [Connolly, Samuel](#); [Montgomery, Paul](#)
Bcc: [Morrow, Ross](#)
Subject: RE: TOR for EA for Renewable Heat Incentive
Date: 28 October 2010 14:42:00
Attachments: [NIRHI Terms of Reference.doc](#)

[Alison](#)

Please see attached comments in relation to the Renewable Heat Incentive terms of reference.

Kind regards

[Carmel](#)

Carmel McConville

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Please consider the environment - do you really need to print this e-mail?

From: Clydesdale, Alison
Sent: 22 October 2010 16:02
To: Connolly, Samuel; McConville, Carmel
Cc: Hutchinson, Peter; Hepper, Fiona
Subject: TOR for EA for Renewable Heat Incentive

Sam / Carmel

Further to our telephone conversation, were we agreed that now that funding has been confirmed for an RHI we can simplify the Economic appraisal to look at the RHI only.

Attached therefore re-drafted economic appraisal on RHI, for your comment.

We are keen to get this out to tender as soon as possible so grateful for comments by 29 October.

<< File: TOR - EA RHI V2.tr5 >> << File: TOR - EA RHI V2.DOC >>

Best Regards

Alison

Alison Clydesdale

Sustainable Energy
Department of Enterprise, Trade & Investment