

Cheshire & Warrington Renewable Energy  
Technologies Cluster Project

Energy Projects Plus

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Appendices

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## **1. Appendix 1 – Covering Letter**

Dear Sir

### **Use of Renewable Energy Technologies in Cheshire**

Funding to support businesses to install renewable energy technologies is available and we, Energy Projects Plus, have been engaged to identify businesses in Cheshire who are interested in installing these technologies.

We are currently researching the level of awareness and uptake of renewable energy technologies by Small/Medium-sized enterprises (SMEs) in Cheshire and request your assistance in completing the enclosed short questionnaire.

In exchange for a few minutes of your time to complete and return it to us before 5 June 2009, we will be delighted to send to you an eco-stapler\* as a simple and low cost example of how your company can reduce its use of energy intensive products such as staples.

In addition, the names of all companies that return a completed questionnaire will be entered into a competition to win an eco-friendly and practical rechargeable radio (terms and conditions apply).

Thank you for taking time out of your busy schedule to contribute to this research project and we look forward to receiving your completed questionnaire.

If you wish to discuss any of the details do not hesitate to contact me or Peter Owen on 01606 594165

Yours sincerely

Dr Tania Sayer

\* - a maximum of one (1) eco-stapler per company/enterprise that completes in full and returns an EPP Renewable Energy Technologies Questionnaire by the close of business on 5 June, 2009 (subject to availability).

#### **Terms and Conditions**

This competition is limited to one (1) entry per company that completes and returns a questionnaire to Energy Projects Plus (EPP). There is only one (1) prize and no cash alternatives. No correspondence will be entered into regarding this competition. Details of the winning entry may be obtained by contacting EPP. All questionnaires must be returned to EPP by the close of business on 5 June, 2009. The winner will be informed by 30 June, 2009.

**2. Appendix 2 – Business Questionnaire**

**ENERGY PROJECTS PLUS RENEWABLE ENERGY TECHNOLOGIES  
QUESTIONNAIRE**

Your company/enterprise's name \_\_\_\_\_

Address \_\_\_\_\_

Town/City \_\_\_\_\_

Postcode \_\_\_\_\_

Tel: \_\_\_\_\_  
www. \_\_\_\_\_

Website:

Your name: \_\_\_\_\_  
\_\_\_\_\_

Your position/title:

Your email: \_\_\_\_\_

1. Please describe the type of goods and/or services your company/enterprise supply:

\_\_\_\_\_  
\_\_\_\_\_.

2. Potential funding exists for Small/Medium-sized Enterprises (SMEs) towards the cost of installing renewable energy technologies.

Is your company an SME (that is less than 250 employees and an annual turnover less than £22.8 million)? Yes  No

How many employees? \_\_\_\_\_.

3. Please indicate your level of awareness of the following renewable energy technologies:

	Unaware	Vaguely aware	Basic understanding	More than familiar with the basics	Very aware of its benefits and how it works
Wind turbines feeding electricity into the National Grid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wind turbines (medium/mini) supplying	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

local users					
Solar panels to heat water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Solar panels to generate electricity (photovoltaics)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Micro-hydroelectricity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ground source heat pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air source heat pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anaerobic digesters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Unaware	Vaguely aware	Basic understanding	More than familiar with the basics	Very aware of its benefits and how it works
Biomass (wood pellets/chips, miscanthus) or other plant matter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Has your company/enterprise ever considered installing renewable energy technologies?

No  Yes

If yes, **which** renewable energy technologies?

\_\_\_\_\_.

5. Has your company/enterprise evaluated the potential benefits of any renewable energy technologies?

No  Yes

If yes, **which** renewable energy technologies and **what** were the results of your company/enterprise's evaluation?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.

6. Have you personally seen any examples of renewable energy technologies in use in Cheshire in a business context and, **if yes, where** and **what** was it being used for?

No  Yes

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7. What are your perceptions regarding the benefits of renewable energy technologies for businesses/enterprises like your company?

1=strongly agree

3=don't know

5=strongly disagree

Benefit	1	2	3	4	5
Reduced energy bills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced pollution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced carbon dioxide (CO <sub>2</sub> ) emissions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conservation of fossil fuels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Benefit	1	2	3	4	5
Reduced reliance on nuclear power	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Improved company profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No benefits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other benefits (please state)					
_____					
_____					
_____					

8. What disadvantages do you perceive with the use of renewable energy technologies for businesses/enterprises like your company?

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9. What key factors would influence your company/enterprise's decision to invest in renewable energy technologies?

1=strongly agree

3=don't know

5=strongly disagree

Factor	1	2	3	4	5
Reducing running/maintenance costs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disruption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initial capital investment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Client procurement policies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Health & Safety Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____					
_____					
_____					
_____					
_____					

10. Would you like to find out more about the opportunities for grants for businesses/enterprises like your company/enterprise to encourage investment in renewable energy technologies? Yes  No

How would you like to receive this information? Post  email   
 Telephone call

11. Please share with us any other observations you may have regarding renewable energy technologies:

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**THANK YOU FOR TAKING THE TIME TO COMPLETE THIS QUESTIONNAIRE.  
PLEASE RETURN IT BY MAIL IN THE ENCLOSED FREEPOST ENVELOPE OR  
FAX TO 01606 594348**

**ENERGY PROJECTS PLUS, 5 GRANGE LANE, WINSFORD, CW7 2BP TEL  
01606 594165**

**3. Appendix 2 – Community Questionnaire**

**ENERGY PROJECTS PLUS RENEWABLE ENERGY TECHNOLOGIES  
QUESTIONNAIRE**

Your organisation's name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Town/City \_\_\_\_\_ Postcode \_\_\_\_\_  
 Tel: \_\_\_\_\_ Website: \_\_\_\_\_  
 www. \_\_\_\_\_

Your name: \_\_\_\_\_ Your position/title: \_\_\_\_\_  
 \_\_\_\_\_

Your email: \_\_\_\_\_

1. Please describe the community-based activities your organisation provides:  
 \_\_\_\_\_  
 \_\_\_\_\_.

2. Please indicate your level of awareness of the following renewable energy technologies:

	Unaware	Vaguely aware	Basic understanding	More than familiar with the basics	Very aware of its benefits and how it works
Wind turbines feeding electricity into the	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

National Grid					
Wind turbines (medium/mini) supplying local users	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Solar panels to heat water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Solar panels to generate electricity (photovoltaics)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Micro-hydroelectricity generation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ground source heat pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air source heat pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Unaware	Vaguely aware	Basic understanding	More than familiar with the basics	Very aware of its benefits and how it works
Anaerobic digesters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biomass (wood pellets/chips, miscanthus) or other plant matter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Has your organisation ever considered installing renewable energy technologies?

No  Yes

If yes, **which** renewable energy technologies?

\_\_\_\_\_.

4. Has your organisation evaluated the potential benefits of any renewable energy technologies?

No  Yes

If yes, **which** renewable energy technologies and **what** were the results of your organisation's evaluation?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_.

5. Have you personally seen any examples of renewable energy technologies in use in Cheshire and, **if yes, where** and **what** was it being used for?

No  Yes

\_\_\_\_\_.

6. What are your perceptions regarding the benefits of renewable energy technologies for organisations like yours?

1=strongly agree

3=don't know

5=strongly disagree

Benefit	1	2	3	4	5
Reduced energy bills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced pollution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced carbon dioxide (CO <sub>2</sub> ) emissions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conservation of fossil fuels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced reliance on nuclear power	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Improved company profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No benefits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other benefits (please state)					
_____					
_____					
_____					

7. What disadvantages do you perceive with the use of renewable energy technologies for organisations like your organisation?

\_\_\_\_\_.

8. What key factors would influence your organisation's decision to invest in renewable energy technologies?

1=strongly agree

3=don't know

5=strongly disagree

Factor	1	2	3	4	5
Reducing running/maintenance costs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disruption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initial capital investment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Client procurement policies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Health & Safety Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify) _____ _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. Would you like to find out more about the opportunities for grants organisations like your organisation to encourage investment in renewable energy technologies? Yes   
No

How would you like to receive this information? Post       email   
Telephone call

10. Please share with us any other observations you may have regarding renewable energy technologies:

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**THANK YOU FOR TAKING THE TIME TO COMPLETE THIS QUESTIONNAIRE.  
PLEASE SAVE IT AS A MICROSOFT WORD DOCUMENT AND RETURN IT AS  
AN ATTACHMENT BY EMAIL TO THE FOLLOWING ADDRESS  
tania.sayer@epplus.org.uk**

**ENERGY PROJECTS PLUS, 5 GRANGE LANE, WINSFORD, CW7 2BP  
TEL 01606 594165 FAX 01606 594348**

**4. Appendix 4 – Photographs from Map E**



A – Alsager Campus (MMU)



B – Audlem Locks



C – Birchwood Shopping Centre



D – Cheshire Oaks



E – Chester Business Park



F – Congleton Business Park



G – Crewe Alexandra Football Ground



H – Crewe Business Park



I – Ellesmere Port Boat Museum



J – Roberts Bakery/Gadbrook Park



K – Gemini Retail Park



L – Holmes Chapel/Retail Estate



M – Macclesfield Business Centre



N – Macclesfield Leisure Centre



O – Middlewich Lock



P – Neston Civic Centre



Q – Northwich Retail Park



R – Sandbach Retail Park



S – Warrington Golf Course A49



T – Winsford Industrial Estate

**5. Appendix 5 – A3 Copies of Maps (paper version only)**