

# CHESHIRE BIOMASS STRATEGY-DRAFT

**AIMS AND OBJECTIVES**

**2006**

**2006-2009**

**2010 AND BEYOND**

**LEAD PARTNER**

## Marketing and Promotion

<p>Raise awareness of biomass</p>	<p>Establish number of events and target defined groups.</p>	<p>Hold regular events such as Ploughing events, Cheshire County Show and further events with local biomass companies to promote the sector</p>	<p>Greater use of established small scale biomass schemes for raising awareness of best practice.</p>	<p>CREI/ RNW</p>
<p>Establish local, sub-regional and regional contacts and partnerships to influence strategy development for recognition of biomass and its potential</p>	<p>Contribute to biomass strategies and lobby for biomass inclusion in regional strategies e.g. Sustainable Energy, Housing, Health, Sustainable Communities</p>			
<p>Develop promotional material for biomass.</p>	<p>Produce promotional materials and develop a presentation for use at any opportunity where the presentation would be relevant – incorporate relevant issues such as specification, costs, cost benefits, grants, fuel types etc.</p>	<p>Undertake at least 10 presentations, 5 to agricultural community, 5 to industrial sector on benefits of biomass.</p>	<p>Continued promotion</p>	<p>CREI/ EPPLUS</p>



**CHESHIRE BIOMASS STRATEGY-DRAFT**

**AIMS AND OBJECTIVES**

**2006**

**2006-2009**

**2010 AND BEYOND**

**LEAD  
PARTNER**

<b>Marketing and Promotion (Continued)</b>				
Develop and maintain CREI website	Use the CREI website for case studies of successful installation of biomass in the UK and Cheshire. Develop the website as an interactive tool e.g. an installer/supplier locator	Keep up to date on biomass developments and installed capacity.	Continued development of website	CCC
Develop and raise awareness of woodland management opportunities for short rotation coppice.	Establish contact with woodland organisation and farms.	Undertake events to disseminate information on short rotation coppice and woodland management.	Continue to promote the benefits of short rotation coppice and woodland management.	Mersey Forest
Develop and raise awareness of Energy crops	Presentations and support for Bi-Ecc.	Training sessions on energy crop management.	Further training and support for those establishing crop.	EPPLUS
Develop agricultural sector awareness.	Devise training outline of skills required to support further development of biomass.	Establish agricultural training to consider biomass as part of their curriculum.	Establish a training course to tackle issues around biomass.	NFU
Develop biomass engineering sector awareness.	Work with existing biomass firms, colleges and training centres for a sensible development route for promotion of required skills to support biomass boiler/heating sector development in Cheshire.	Construct database of plumbers, heating installers and other relevant sectors and establish first contact for information.	Continued development of sector	EPPLUS
Offer diversification opportunity to Cheshire farmers with possible use of set aside to be included.	Draw up document based on current research as guidance for farmers for diversification opportunities offered by biomass.	Monitor trends in set aside and biomass developments	Monitor trends in set aside and biomass developments	NFU

**Marketing and Promotion (Continued)**



<p>Promote biomass boilers/heaters available on commercial and domestic markets.</p>	<p>Produce advice literature on scoping exercise for installing biomass facilities.</p>	<p>Generate a catalyst for the market of wood fuel, chip or pellets.</p>	<p>Continued promotion</p>	<p>CREI</p>
<p>Support establishment of a "Centre of Excellence" in Cheshire for renewables, including biomass sector.</p>	<p>Establish centre of excellence.</p>	<p>Keep promotional information updated and undertake further mail shots to promote the opportunity.</p>	<p>Continued development of a Cheshire "Centre of Excellence"</p>	<p>CREI</p>

**CHESHIRE BIOMASS STRATEGY-DRAFT**

AIMS AND OBJECTIVES	2006	2006-2009	2010 AND BEYOND	LEAD PARTNER
<b>Funding</b>				
Achieve sustained funding to develop sector for supply , installation & demand including securing funds for staffing	Establish 2 posts via potential bids such as: Rural Recovery bid. Bio-energy infrastructure bid. Economic development bid.	Continued funding bids. Establish funding list for further support.	Project self sufficient for funding.	CREI
<b>Co Firing</b>				
Find a local and sustainable alternative fuel for Fiddlers Ferry Power Station.	Work with North West Biomass Group in consultation with Scottish and Southern (operators of Fiddlers Ferry)	Work with North West Biomass Group.	Work with North West Biomass Group.	RNW/ NWBCG
<b>On-Site Electricity Generation</b>				
Review opportunities for electricity generation and produce structured review of potential in Cheshire. Maximise potential for CHP	Consult with CHP industry. Work with Regional North West Biomass Group. Review potential and benefits/impacts.	Work with North West Biomass Group.	Work with North West Biomass Group.	CREI/ NWBCG
<b>Biomass Supply</b>				
Assess capabilities of all active sectors.	Produce report on potential fuel supply.			CREI

**CHESHIRE BIOMASS STRATEGY-DRAFT**

**AIMS AND OBJECTIVES**

**2006**

**2006-2009**

**2010 AND BEYOND**

**LEAD PARTNER**

**Short Rotation Coppice**

<p>Assess existing coppice potential.</p>	<p>Map existing coppiced woodland and establish woodland which has potential for introducing coppicing.</p>	<p>Discuss most viable areas for expansion and access funding streams to promote this expansion. Undertake first expansions and monitor benefits.</p>	<p>Support re-introduction of coppicing in existing coppice in Cheshire. Develop first new coppicing crops for Cheshire.</p>	<p>CREI</p>
---	---	---	--	-------------



**Wet Waste Wood**

<p>Determine local forestry waste levels.</p>	<p>Gather all forestry contacts for Cheshire area and make contact to establish waste levels.</p>	<p>Discuss new coppicing opportunities within various forestry estates.</p>	<p>Forest residues resource stream established.</p>	<p>Mersey Forest</p>
---	---	---	---	----------------------

CHESHIRE BIOMASS STRATEGY-DRAFT

AIMS AND OBJECTIVES

2006

2006-2009

2010 AND BEYOND

LEAD PARTNER

**Wet Waste Wood (Continued)**

<p>Determine local arboricultural residues.</p>	<p>Gather listing of arboricultural firms and establish contact through mailing. Estimate potential volumes generated, potential amount to be diverted to fuel use and residual other uses/disposal.</p>	<p>Establish database of possible resource sites and gauge levels of interest.</p>	<p>Arboricultural waste resource stream established.</p>	<p>Mersey Forest</p>
<p>Determine local household waste residues.</p>	<p>Make contact with waste management to assess viability of household garden waste and opportunities for collection.</p>	<p>Establish levels of resource and specification issues of waste types – if sorting is required, assess feasibility.</p>	<p>If viable, establish resource stream for relevant biomass outlets.</p>	<p>CCC</p>



**CHESHIRE BIOMASS STRATEGY-DRAFT**

AIMS AND OBJECTIVES	2006	2006-2009	2010 AND BEYOND	LEAD PARTNER
<b>Dry Waste Wood</b>				
Map resource areas of acceptable waste wood.	Use GIS to map sector and use established list of contacts help by Energy Projection plus baseline.	Ensure mapping exercise is kept up to date.	Assess any new sectors that may have come on line.	CCC
Assess potential of Household Waste Recycling sites for input into resource streams through their waste wood collection.	Establish links with County Waste Management Strategy Group and assess potential for co-operation.	Establish specification and quality requirements of waste wood from domestic sector.	Any further waste streams able to be incorporated should be identified and accessed.	CCC
<b>Pelletiser</b>				
Establish and secure a local supply of pellet in Cheshire.	Establish funding or link with existing company.	Achieve a working site.	Ensure sustained throughput.	CREI



# CHESHIRE BIOMASS STRATEGY-DRAFT

**AIMS AND OBJECTIVES**

**2006**

**2006-2009**

**2010 AND BEYOND**

**LEAD PARTNER**

<b>Grasses</b>				
Engage with BI-Ecc to continue contact with farmers within their specified area.	Continue to support Bi-Ecc's recruitment of Cheshire Farmers within their area.			CREI
Establish a growers group for non-Bi-Ecc areas.	Establish contact with interested farmers through events.	Establish growers group and submit grant applications.	Continue to recruit farmers and land owners for crop development.	CREI
Arrange a Cheshire based sample site (e.g. Reaseheath) to be established for visits by interested parties.	Engage with Reaseheath to consider planting. Assist with funding bid to establish crop.	Potential diversification at Reaseheath exploring options of miscanthus maize.	Arrange visits for local farmers to see crop and support inclusion of crop management onto Reaseheath curriculum.	EPPLUS





**Anaerobic Digestion – outputs are biogas and digestate which is in the form of fibrous materials which can be used for fertilizers.**

<p>Research potential for Cheshire.</p>	<p>Establish a database of any enquiries on anaerobic digestion and dialogue with those interested.</p>	<p>Establish a database of firms supporting AD development.</p>	<p>Scope the capacity for a co-operative approach from those interested in AD.</p>	<p>EPPLUS</p>
---	---	---	--	---------------

## CHESHIRE BIOMASS STRATEGY-DRAFT

AIMS AND OBJECTIVES	2006	2006-2009	2010 AND BEYOND	LEAD PARTNER
<b>Biofuels</b>				
Research potential and opportunities for growth of biofuel crops for Cheshire's agricultural community.	Establish if crops are in existence and also potential growth areas for Cheshire.	Map areas where crops are already grown, if any and which areas might be viable for biofuel crops.	Undertake presentations to those interested in potential crop development.	EPPLUS/NFU
	Investigate interest in establishing and producing these crops.	Develop a contact list of those interested in further developing or growing biofuels.	Undertake support grant application and establish crops if viable.	
<b>Increasing Demand</b>				
Promote development of a District Heating Scheme	Work with NWDA, and local councils North West Biomass group.	Work with North West Biomass Group.		CREI/NWBOG
Establish areas of potential demand.	Map of gas area. Support VRBC Solid fuel project. Identify boiler replacement programmes			EPPLUS
<b>Cheshire Tree Station</b>				
To provide a processing facility to ensure reliable and local supply of wood fuel to resource demand.	Establish funding to resource tree station and select site.	Establish tree station and achieve working site.	Ensure sustained throughput to support site maintenance and achieve grant requirements.	CREI