

## Risk Matrix

Risk: What are the main risks associated with the project?	Likelihood	Severity Impact	Control Action: How do you propose to manage these risks and what contingency plans are in place?
<b>1. Failure of farming crops production for energy use in future years and to absorb carbon during life of crop</b>	Low	High	1. Formed partnership working with farming community and will have a long term contract in place. 2. Place contract for woodchip supply and energy crops for 15 years 3. Use EMDA funding to kick start the Biomass project to encourage other backers and the farming project 4. LSEP funding would allow project to start and winter crops to be planted
<b>2. Community will not buy into the Biomass energy project or value it. Lack of understanding on use of renewable energy</b>	Low	High	1. Engaged De Montfort University to help market the Energy Services approach. 2. East Midlands Community Renewable Initiative (EM-CRI) is working with local communities & schools developing the links and awareness. 3. Good media participation and good news stories around the project 4. Green issues and value of affordable warmth from sustainable energy linking to reduction in fuel poverty
<b>3. Rural Energy Trust Funding could be lost if the project does not spend and achieve outputs in this financial year.</b>	High	High	1. LSEPs funding application would allow the project to commence start in this financial year. 2. Application has been submitted on time and meets the needs of LSEP 3. Meetings held with EMDA have indicated that this project would meet their needs and is in an Objective II area. 4. General Letter of support already received from EMDA for the Government bid which has been approved at £5.1 million

<p><b>4.</b>  <b>a) Equipment manufacture of Biomass boiler and associated plant maybe delayed.</b>  <b>b) Humidity content of wood to be decided on best options</b></p>	<p>High</p> <p>Low</p>	<p>High</p> <p>Low</p>	<ol style="list-style-type: none"> <li>1. Equipment sourced pre approval of application by LSEPs and can be manufactured off site to avoid some delays</li> <li>2. ArupEnergy providing selection criteria and testing available solutions</li> <li>3. Rural Energy trust have carried out study into the best option for equipment choice based on Leicester own wood source and the % of humidity in the wood. (Wet wood option)</li> <li>4. The installation of plant can be achieved if the order is placed by end of December latest but in any case the project would install a large % of the plant in this financial year. So maximising spend.</li> </ol>
<p><b>5.</b>  <b>New district heating mains installation between St Marks and St Matthews Estates not being completed on time or starting late</b></p>	<p>Low</p>	<p>High</p>	<ol style="list-style-type: none"> <li>1. Planning permission for route obtained</li> <li>2. Drawings and way leaves provided</li> <li>3. Materials required detailed and available</li> <li>4. Specialist District Heating Contractor already working for the City Council and would have plant and equipment already in Leicester</li> <li>5. Housing department and contractor have already surveyed the route and identify early opportunities to save time.</li> </ol>