


TV121 Ewelme Watercress Beds Centre ground heating	Installation details
	<p>Owner: Chiltern Society Site address: Watercress Beds Centre High Street Ewelme Wallingford OX10 6HQ</p> <p>Grid reference: SU641917 Local authority: Oxfordshire CC / South Oxfordshire DC Renewable energy category: Other thermal (GSHP) Status: Operational Date: July 2004</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Horizontal-type ground-source heat pump 'Greenline Model C Manufacturer / Installer: Industrier VT (IVT) / ICE Energy www.iceenergy.co.uk Energy input: Electricity from grid</p> <p>Consumption rate: 0.9 MWh/year Installed capacity: Electric: - Heat: 4 kWth</p> <p>Annual energy output: Electric: - Heat: 2.8 MWh/year</p> <p>Supplying energy to: Electric: - Heat: Space heating & hot water for visitor centre</p>	<p>Main project drivers: Expenditure reduction</p> <p>Social benefits: Public education for visitors to centre</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £145/year</p> <p>Capital cost (inc grant funding and body): £6,150 Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 0.8 tonnes CO₂/year Equivalent no. of homes supplied: Electricity: - Heat: 0.2</p>