


TV80 Greenark Biodiversity Centre biomass boiler	Installation details
	<p>Owner: Guildford Borough Council</p> <p>Site address: Greenark Centre Lido Road Stoke Road Guildford Surrey GU1 1HB</p> <p>Grid reference: TQ001507</p> <p>Local authority: Surrey CC / Guildford BC</p> <p>Renewable energy category: Biomass</p> <p>Status: Operational</p> <p>Date: September 2007</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Log-fired boiler</p> <p>Manufacturer / Installer: Froeling / Econergy</p> <p>Energy input: Forestry residue</p> <p>Consumption rate: 1.5 fuel-ready tonnes/year</p> <p>Installed capacity: Electric: - Heat: 20 kWth</p> <p>Annual energy output: Electric: - Heat: 5 MWh/year</p> <p>Supplying energy to: Electric: - Heat: Space heating & hot water to centre</p>	<p>Main drivers: To raise environmental awareness</p> <p>Social benefits: Public education</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £ /year</p> <p>Capital cost (inc grant + body): £25,000 (£10,000 EDF)</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 0.9 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: - Heat: 0.3</p>