


TV130 Wexham Nursery biomass boiler	Installation details
	<p>Owner: Slough Borough Council Site address: Wexham Nursery Wexham Road Slough SL2 4HE</p> <p>Grid reference: SU987822 Local authority: Slough Borough Council Renewable energy category: Biomass Status: Operational Date: October 2005</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Woodchip combustion boiler</p> <p>Manufacturer / Installer: KOB 540 / 3G Energi</p> <p>Energy input: TV Bioenergy woodchip (G50, W40) from local sources</p> <p>Consumption rate: 1,000 fuel-ready tonnes/year</p> <p>Installed capacity: Electric: - Heat: 540 kWth</p> <p>Annual energy output: Electric: - Heat: 2,830 MWh/year</p> <p>Supplying energy to: Electric: - Heat: Hot water and space heating for nursery glasshouse and offices</p>	<p>Main drivers: Need to replace 3 boilers; Raise awareness of renewable energy in Slough Carbon neutrality of bioenergy</p> <p>Social benefits: Education</p> <p>Jobs created/sustained: Directly: - Indirectly: 1</p> <p>New business startups: 1</p> <p>Financial benefits: £8,000/year (estimate)</p> <p>Capital cost: £233,000</p> <p>Likely fossil fuel alternative: Heating oil</p> <p>Greenhouse gas emissions displaced: 860 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: - Heat: 154</p>