


KT66 Sittingbourne Community College solar thermal	Installation details
	<p>Owner: Sittingbourne Community College</p> <p>Site address: Swanstreet Avenue Sittingbourne Kent ME10 4NL</p> <p>Grid reference: TQ920630</p> <p>Local authority: Kent CC / Swale BC</p> <p>Renewable energy category: Other thermal (solar)</p> <p>Status: Operational</p> <p>Date: January 2008</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 8× 'Compact Line K1' solar thermal collectors on A-frames, total area 17.2 m²</p> <p>Manufacturer / Installer: Schüco / Elemental Systems www.elemental-systems.co.uk</p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: Electricity: - Heat: 12 kWth</p> <p>Annual energy output: Electric: - Heat: 14 MWh/year</p> <p>Supplying energy to: Electric: - Heat: Hot water for multiple showers in changing rooms</p>	<p>Main drivers: Environmental, financial</p> <p>Social benefits:</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £ 250 / year</p> <p>Capital cost (inc grant funding + body): £ 14,690</p> <p>Likely fossil fuel alternative: Natural gas</p> <p>Greenhouse gas emissions displaced: 2.9 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: - Heat: 0.7</p>