


KT64 Pines Calyx micro-wind, PV, biomass, solar thermal	Installation details
	<p>Owner: St Margaret's Bay Trust Site address: Beach Road St. Margaret's Bay Nr. Dover Kent CT15 6DZ Grid reference: TR367442 Local authority: Kent CC/ Dover DC Renewable energy category: Onshore wind + Solar PV + Biomass + Other thermal Status: Priority prospect Date:</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Micro wind turbine + photovoltaics + biomass boiler + solar water heating</p> <p>Manufacturer / Installer:</p> <p>Energy input: Wood pellets/chips from onsite or local woods managed by Trust</p> <p>Consumption rate: tonnes/year</p> <p>Installed capacity: Electric: 0.7 + 2.5 kWe Heat: 30 + 2 kWth</p> <p>Annual energy output: Electric: 2 + 0.6 MWh/year Heat: 30 + 2.6 MWh/year</p> <p>Supplying energy to: Electric: Onsite & local grid Heat: Space and water heating for office, cottages, new building</p>	<p>Main driver: Local sustainable development incentive</p> <p>Social benefits: Pilot to re-invigorate local wood economy and future coppicing</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £900/year</p> <p>Capital cost (inc grant funding + body) £</p> <p>Likely fossil fuel alternative: Electricity from grid, natural gas</p> <p>Greenhouse gas emissions displaced: 7.2 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: 0.6 Heat: 1.7</p>