










Sustainability and Low Energy Design are now regarded as the future of building services design. Increasing energy costs and a common awareness of responsibility for our shared environment are now the main drivers in an increasing number of construction projects. Elders is at the forefront of the quest for cost-effective, sustainable solutions based on advanced technology and building physics

1	<p>Floors Castle Design of biomass (wood chip) fuelled district heating system to provide heat to the Garden Centre and Castle buildings on the Floors Castle domain, in Kelso. Including future heating provision for the cottages.</p>	
2	<p>Aviemore North Wood chip fuelled district heating scheme for Albyn Housing Association Ltd. Remote boilerhouse on an adjacent Industrial Estate providing heat to the properties via an underground pipe network. Full metering facilities provided to low charging of individual tenants.</p>	
3	<p>Home Farm Portree, Skye Biomass (wood chip) fuelled district heating scheme for the Lochalsh & Skye Housing Association. Central energy centre on the neighbouring industrial site providing heating for 246 houses. The project included a first phase of ground source heat pumps. Low cost metering facilities provided for individual tenants.</p>	
4	<p>Shed 25, City Quay, Dundee Feasibility study for a sustainable office development. Proposed the use of a vertical axis wind turbine, rainwater harvesting, energy efficient lighting and ground source heating & cooling.</p>	
5	<p>Morningside Green, Edinburgh Ecohomes assessment & performance Specification for a 5 townhouse residential development in Edinburgh, targeting an Ecohomes "Excellent" rating</p>	
6	<p>Science Learning Centre, Dundee Feasibility study for a mixed use development comprising café, teaching facilities, theatre and IT labs. Proposed the use of ground source heat pumps, solar hot water, natural ventilation & rainwater harvesting.</p>	
7	<p>Crail Golf Club Full M&E Services for the refurbishment and extension to the club house utilizing solar hot water and underfloor heating.</p>	
8	<p>Perth Police HQ Boiler Replacement Replacement and modernisation of the boilers and heating system to a large police headquarters to increase energy efficiency.</p>	
9	<p>Balhouses Care Homes Full M&E services for 5 care homes utilizing under-floor heating & solar hot water</p>	

10	<p>Rufflets Hotel, St Andrews £1m extension to existing hotel utilising rainwater harvesting & water saving devices.</p>	
11	<p>Carbon Trust Energy Survey: Morrison's Academy, Crieff Assisted with a Carbon Trust "Initial Opportunities Assessment" for a school to identify energy saving opportunities.</p>	
12	<p>Carbon Trust Energy Survey: Tayside Police Assisted with a Carbon Trust "Multi Site Assessment" for 36 police stations throughout Tayside to identify energy saving opportunities.</p>	
13	<p>Carbon Trust Energy Survey: Crieff Hydro Hotel, Fife Assisted with a Carbon Trust "Specific Opportunities Assessment" to identify energy saving opportunities & assess the viability of biomass boiler.</p>	