Design Advice consultancies cover the full range of building projects, including, top, the Winged Fellowship Trust’s holiday centres and, above, UNISON’s print works.

The Design Advice service has two principal aims:

• to improve the environmental performance of the UK’s building stock and
• to assist construction professionals and their clients to create buildings that are economical to construct and maintain and have a healthy internal environment.

The service, which operates through a nationwide network of approved consultants, is available to all new-build and refurbishment projects in all building sectors. The sole restriction is that the project must have a minimum floor area of 500 m².

Design Advice is managed and operated by the Building Research Establishment on behalf of the Government and is part of the Government’s Energy Efficiency Best Practice programme.

What does Design Advice provide?

Initially a free one-day consultancy, resulting in a written report that identifies areas for environmental and energy efficiency improvements. Depending on the nature of the project and how far it has been developed, the report embraces such issues as:

• site layout and ecology
• building fabric and insulation
• efficient heating, lighting and ventilation strategies
• use of water
• use of sustainable and recycled materials
• energy management, metering and controls.

Subsequently, a valuable 30 per cent fee remission is available for approved longer-term consultancies on individual aspects of environmental design such as lighting controls, natural ventilation and thermal modelling.

Design Advice offers authoritative and independent advice on the energy-efficient and environmentally conscious design of buildings.

introduction

towards greener buildings
Who can use Design Advice?
Anyone involved in the construction process: building developers, fund providers, design teams, construction professionals, housing associations, local authorities and building owners or tenants.

Who are the Design Advice consultants?
Design Advice's approved consultants are architects, building services engineers and environmental specialists with significant expertise and professional experience in the energy and environmental aspects of building design. All Design Advice consultants undertake regular professional training and development.

Who benefits?
Building in harmony with the environment makes good commercial sense. Design Advice aims to ensure that both the construction business and the wider commercial community secure the greatest possible benefits from the high-quality advice it offers.

- The economic gains can come from reduced construction, maintenance and energy costs, especially when viewed in terms of the building's whole life.
- The employment gains come from providing a good-quality working environment. Employees usually work more productively in environmental buildings. Employees also expect their employers to be aware of – and take action on – environmental issues.
- The potential market-share gains come, not only from cost savings, but also from an improved corporate profile and image. The environment is no longer a passing fashion. Customers and the wider public expect companies and other organisations to take action to safeguard the environment and to take seriously their wider responsibilities, both to society and to the natural environment.

The principles of sustainable design are universally applicable. This year Design Advice consultants have supported the renovation of a listed Georgian town house (above) and the adaptation and extension of a medical centre (below).
<table>
<thead>
<tr>
<th>Company</th>
<th>Address</th>
<th>Contact Details</th>
<th>Main Business Description</th>
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<td>Eur Ing Jeff Gibson</td>
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<td>6-8 Marshalsea Road London SE1 1HL</td>
<td>Main business of company: engineering, environmental and management consultants</td>
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<td>Mr John Doggart</td>
<td>Managing Director</td>
<td>ECD Energy &amp; Environment Ltd</td>
<td>11-15 Emerald Street London WC1N 3QL</td>
<td>Main business of company: energy and environmental consultants</td>
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<td>Target Energy Services Ltd</td>
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<td>Professor Brian Ford</td>
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<td>Mr Alastair Binnie</td>
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<td>Mr David Housego</td>
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<td>Mr R L Moorin</td>
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<td>Mr John Packer</td>
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<td>John Packer Associates</td>
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<td>Dr Robert Cohen</td>
<td>Energy for Sustainable Development Ltd</td>
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<td>Main business of company: energy consultants</td>
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<td>Mr Dave Collins</td>
<td>D J Environmental and Energy Services</td>
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<td>Main business of company: consulting engineers</td>
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</tr>
<tr>
<td>Mr Tim Linford</td>
<td>TJL Associates</td>
<td>North Hill Cottage</td>
<td>01308 897363</td>
<td>01308 897363</td>
<td><a href="http://www.TJlassociates.co.uk">www.TJlassociates.co.uk</a></td>
</tr>
<tr>
<td>Mr Keith Maynard</td>
<td>Environmental UK plc</td>
<td>Boundary Lane</td>
<td>01202 875192</td>
<td>01202 882300</td>
<td></td>
</tr>
<tr>
<td>Mr Mike Moultrie</td>
<td>TORPY Energy</td>
<td>Merchant House</td>
<td>0117 938 9300</td>
<td>0117 938 9 315</td>
<td><a href="http://www.torpy.co.uk/energy/">www.torpy.co.uk/energy/</a></td>
</tr>
<tr>
<td>Mr Steve Rimington</td>
<td>Energistics Engineering Services Ltd</td>
<td>Phoenix House</td>
<td>01285 840555</td>
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<td><a href="http://www.energistics-services.com">www.energistics-services.com</a></td>
</tr>
<tr>
<td>Mr Paul Ruyssevelt</td>
<td>Energy for Sustainable Development Ltd</td>
<td>Overmoor Farm</td>
<td>01225 816804</td>
<td>01225 812103</td>
<td><a href="http://www.esd.co.uk">www.esd.co.uk</a></td>
</tr>
<tr>
<td>Mr Mark Standeven</td>
<td>Energy for Sustainable Development Ltd</td>
<td>Overmoor Farm</td>
<td>01225 816810</td>
<td>01225 812103</td>
<td><a href="http://www.esd.co.uk">www.esd.co.uk</a></td>
</tr>
<tr>
<td>Mr Peter Tracey</td>
<td>TDP</td>
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<td>01793 490400</td>
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</tr>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Position</th>
<th>Main business of company:</th>
<th>Member/Assessor</th>
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</thead>
<tbody>
<tr>
<td>Mr David Thomas</td>
<td>Sustainable Energy Ltd</td>
<td>Director</td>
<td>consulting engineers</td>
<td></td>
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<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td>Mr James Campbell</td>
<td>James Campbell Architects &amp; Environmental</td>
<td>Principal</td>
<td>architectural and environmental consultants</td>
<td>ARB, RIAS, RIBA</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>NES, NHER, SAP</td>
</tr>
<tr>
<td>Mr Colin Clarke</td>
<td>Carbrae Ltd</td>
<td>Director</td>
<td>energy and environmental engineering</td>
<td>CEng, IEE</td>
</tr>
<tr>
<td></td>
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<td>EARA, EC</td>
</tr>
<tr>
<td>Professor Joe Clarke</td>
<td>Energy Systems Research Unit</td>
<td>Director</td>
<td>simulation based design and general energy consultants</td>
<td>CIBSE, RIBA</td>
</tr>
<tr>
<td>Eur Ing Brian CoI</td>
<td>BPC Associates</td>
<td>Managing Director</td>
<td>consulting engineers</td>
<td>CIBSE, IMechE, InstE</td>
</tr>
<tr>
<td>Mr Geoff Depledge</td>
<td>Dinardo Partnership</td>
<td>Joint Managing Director</td>
<td>consulting engineers</td>
<td></td>
</tr>
<tr>
<td>Ms Sandy Halliday</td>
<td>Gaia Research</td>
<td>Principal</td>
<td>research and consultancy</td>
<td>CIBSE, RIAS</td>
</tr>
<tr>
<td>Mr Paul Hirst</td>
<td>Environmental Services Design</td>
<td>Partner</td>
<td>consulting engineers</td>
<td>IMechE</td>
</tr>
</tbody>
</table>

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Design Advice Directory 16
<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Address</th>
<th>Tel.</th>
<th>Fax.</th>
<th>Email</th>
<th>Main Business</th>
<th>Member</th>
</tr>
</thead>
<tbody>
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<td>Assessor: SAP</td>
</tr>
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<td></td>
<td><a href="mailto:Lori@esru.strath.ac.uk">Lori@esru.strath.ac.uk</a></td>
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<td>Member: cibse, RIBA</td>
</tr>
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<td>01675 835353</td>
<td></td>
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<td>Member: CIWEM, EARA, IEMA</td>
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<tr>
<td>Mr David Palmer</td>
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<td>0141 552 6406</td>
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<td>Member: IEMA</td>
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<td></td>
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Assessor: BREEAM

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## Abbreviations

### Membership of professional bodies

<table>
<thead>
<tr>
<th>Abbreviation</th>
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<tr>
<td>AIEM</td>
<td>Affiliate of Institute of Environmental Management</td>
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<td>ARB</td>
<td>Architects Registration Board</td>
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<tr>
<td>BIAT</td>
<td>British Institute of Architectural Technologists</td>
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<tr>
<td>CEED</td>
<td>Council for Energy Efficiency Development</td>
</tr>
<tr>
<td>CEng</td>
<td>Chartered Engineer</td>
</tr>
<tr>
<td>CIBSE</td>
<td>Chartered Institution of Building Service Engineers</td>
</tr>
<tr>
<td>CIOB</td>
<td>Chartered Institute of Building</td>
</tr>
<tr>
<td>CIWEM</td>
<td>Chartered Institute of Water and Environmental Management</td>
</tr>
<tr>
<td>EARA</td>
<td>Environmental Auditors Registration Association</td>
</tr>
<tr>
<td>IChemE</td>
<td>Institution of Chemical Engineers</td>
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<tr>
<td>IEE</td>
<td>Institution of Electrical Engineers</td>
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<tr>
<td>IEEMA</td>
<td>Institute of Environmental Management and Assessment</td>
</tr>
<tr>
<td>IESIS</td>
<td>Institution of Engineers and Shipbuilders in Scotland</td>
</tr>
<tr>
<td>IMarE</td>
<td>Institute of Marine Engineers</td>
</tr>
<tr>
<td>IMC</td>
<td>Institute of Management Consultancy</td>
</tr>
<tr>
<td>IMechE</td>
<td>Institution of Mechanical Engineers</td>
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<tr>
<td>InstE</td>
<td>Institute of Energy</td>
</tr>
<tr>
<td>InstP</td>
<td>Institute of Physics</td>
</tr>
<tr>
<td>RIAS</td>
<td>Royal Institute of Architects in Scotland</td>
</tr>
<tr>
<td>RIBA</td>
<td>Royal Institute of British Architects</td>
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<tr>
<td>RSUA</td>
<td>Royal Society of Ulster Architects</td>
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### Assessment activity

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<td>BREEAM</td>
<td>Building Research Establishment Environmental Assessment Method</td>
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<td>CHP</td>
<td>Combined Heat and Power</td>
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<td>EARA</td>
<td>Environmental Auditors Registration Association</td>
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<tr>
<td>EC</td>
<td>Environment Council</td>
</tr>
<tr>
<td>IEM</td>
<td>Institute of Environmental Management</td>
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<td>NEF</td>
<td>National Energy Foundation</td>
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<td>NES</td>
<td>National Energy Services</td>
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<td>National Home Energy Rating</td>
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<td>SAP</td>
<td>Standard Assessment Procedure</td>
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<td>UKAS</td>
<td>United Kingdom Accreditation Service</td>
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</table>
The Design Advice service has two principal aims:

- to improve the environmental performance of the UK's building stock and
- to assist construction professionals and their clients to create buildings that are economical to operate through improved energy efficiency.

The service, which operates through a nationwide network of approved consultants, is available to all new-build and major refurbishment projects in all building sectors. The sole restriction is that the project must have a minimum floor area of 500 m².

Design Advice is managed and operated by the Building Research Establishment on behalf of the Department of the Environment, Transport and the Regions.

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