

Ground Source Energy Installers

Andrew Engineering Ltd

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www.andrew-eng.co.uk
Mr Peter Wray
Specialising in the design, supply and installation of energy efficient solutions including ground source heat pumps, air source heat pumps, underfloor heating and solar water heating systems.

Azure Natural Energy Systems Ltd

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Mr Matthew Evans
We are specialists in the design and installation of renewable energy systems and provide cost effective and reliable heating, cooling and micro-generation for commercial buildings, schools, churches, leisure facilities and residential developments. Our award winning work ranges from multi-million pound projects to individual homes and includes heat pumps, solar thermal, solar pv and underfloor heating systems.

BAM Ritchies

Nailsea Wall, Kenn Pier
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Ritchies@bamritchies.co.uk
www.bamritchies.co.uk
Mr David Gibson
BAM Ritchies is an award winning installer of ground source energy solutions operating through the UK, Republic of Ireland and overseas. We are ISO 9001:2008; ISO1400:2004 and OHSAS 18001:2007 accredited. We can provide high quality GSE solutions including investigation, testing, design, drilling, installation and testing using in-house resources and preferred design consultants.

Cool Planet

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www.cool-planet.co.uk
Mr Steve Gray
Cool Planet, part of British Gas, supply and provide renewable energy that is guaranteed to save you money. We take away potential problems by handling everything from the initial consultation through to the delivery of a system that is backed up by a full warranty and the option of ongoing maintenance. We provide total solutions that are founded on a complete knowledge of the many issues involved and delivered with thorough professionalism and expertise.

Daly Renewables Ltd

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dalyrenewables.com
Mr Ryan Daly

Eco Friendly Installations Ltd

Penrhos, Aberdyfi, Gwynedd, LL35 0NR
Tel: 01654 767572
www.ecofriendlyinstallations.com
Mr Johannes ten Wolde
Eco Friendly Installations are specialists in radial drilling for ground source heating. We design and manage heat pump installations from initial surveys through planning, drilling, pump installation and final handover of the system to the customer.
Radial drilling uses varying angles for boreholes to allow heat extraction from a wider ground source. This draws heat efficiently and ensures maximum wattage per metre.

Earthheat Ltd

Clarks Road
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Tel: 0845 618 7113
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www.earthheat.com
Mr Richard Walkden

Eco-Coil Heating Ltd

27 Newmiles Gardens
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Glasgow G72 0JQ
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info@ecocoilheating.co.uk
www.ecocoilheating.co.uk

Mr Stephen Craig

Eco Coil Heating Ltd specialise in the design, procurement and installation of micro renewable energy and ecological water management systems. A comprehensive service exclusive to Eco Coil Heating Ltd.

Eco-Energi Ltd

Beechcliffe House, Beech Lane, Beech, ST4 8SF
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Dr Matthew Goodwin

Ecoliving Ltd

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info@ecolivinguk.com
www.ecolivinguk.com/our-products/heat-pumps/ground-source
Mr Mark Henderson
'Best in class' renewable energy heat pump systems. Design, training and technical support delivered by a team with experience of hundreds of installations.

Ecovision Systems Ltd

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GL8 8TQ
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info@ecovisionsystems.co.uk
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Mr Mike Reynell

Ecovision Systems are specialists in the design, supply and installation of renewable heating solutions. Ecovision's fully integrated and tailored service incorporates the design, installation and commissioning of a comprehensive range of renewable and sustainable technologies, including ground and air source heat pumps with underfloor heating, solar thermal hot water and also rainwater harvesting. Ecovision also offer a complete project management service, as well as specialist advice on Building Regulations compliance, SAP assessments and government grants.

ENER-G Sustainable Technologies Ltd

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Tel: 01623 666 340 Fax: 01623 666 341
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Mr Lee Marshall
Specialists in the design, supply and installation of ground coupled heat pump systems.

Future Electrical Services Ltd

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sales@futureelectrical.co.uk
www.futureelectrical.co.uk
Mr Chris Eyre
Installers of ground source heat pumps

Gecco2 Ltd

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info@gecco2.com www.gecco2.com
Ms Pauline Gilberts
GECCO2 provides a full design and build package for the installation of GSHP heating and cooling systems.

Geothermal International Ltd

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www.geothermalint.co.uk
Mr Karl Drage
Geothermal International was established in 2000 and has built a unique position within the GSHP sector, designing and installing 80% of all UK GSHP systems within the commercial buildings market.

Geowarmth Heat Pumps Ltd

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NE2 1NU

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info@geowarmth.co.uk

www.geowarmth.co.uk

Mr John Withers

We are a designer, supplier and accredited installer of ground source and air source heat pump systems.

To complement this we can also install underfloor and radiator distribution systems and solar thermal hot water installations.

We provide a complete heating and hot water solution for our clients. A thermal response test rig is another service we can provide for undertaking ground conductivity tests.

Ground Therm

129 Mill Lane Denton, Manchester M34 7RS

077 96 811072

www.groundtherm.co.uk

Mr Andrew Louth

Ground source, air source and heat recovery.

Hightae Heating

Red Cottage, Whitehill, Lockerbie

DG11 1AL

Tel: 01576 5103 99 / 07778 78 9937

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Mr John Russell

Design, Supply and Installation of ground source heat pumps, solar thermal and the associated under floor heating systems. We can also offer extremely efficient ground source/solar combination systems. For domestic, small commercial and swimming pool installations, we are the perfect one stop shop.

ICAX Ltd

1 Berry Street, London EC1M 5PS

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Mr Edward Thompson

ICAX Ltd is the inventor of Interseasonal Heat Transfer. IHT is a complementary fusion of solar collectors, ThermalBanks and GSHPs to achieve a 50% saving in carbon emissions compared to using a gas boiler for heating new buildings. See www.icax.co.uk

ISO Energy Ltd

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energy@iso.co.uk

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Mr Justin Broadbent

Design, supply, installation and commissioning of heat pumps into large country houses and new build developments. See website for further information including case studies.

Microgeneration Ltd

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info@microgeneration.com

www.microgeneration.com

Mr Andrew Honey

Providers of fully integrated renewable energy solutions helping cut the energy bills and carbon footprint of homes and businesses

nationwide. A quality, professional and friendly service from consultancy and design through to installation.

Experienced in solar thermal, photovoltaics, heat pumps, biomass, wind turbines, hydro power, and water technologies.

Mimer Energy Ltd

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Mr Brian Kennelly

Myriad CEG Heat Pumps Ltd - Econic

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www.myriadceg.com/heat-pumps

Mr Steve Roberts

Myriad CEG Heat Pumps Ltd specialises in the planning, installation, integration and commissioning of ground, air and water source heat pumps and integrated solar thermal systems. Heat Pumps can provide cost effective and long-term sustainable alternatives to traditional space heating and hot water systems.

NCC Mechanical Services Ltd

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Mr Nick Cheshire

Neoenergy (Sweden) Ltd

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Mr Goran Hellstrom

New Horizon Renewables Ltd

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Mr Simon Maynard
New Horizon Renewables are an MCS accredited installation company specializing in Solar Thermal and Heat Pumps. We pride ourselves on our workmanship and attention to detail and never compromise quality over quantity. Renewable Energy doesn't have to cost the earth!

North East Eco Systems

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Mr Michael Sutherland
Specialists in GSHP and UFH Systems.

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Ms Heather Oliver
Nu-Heat is one of the largest specialist suppliers of integrated underfloor heating and renewable systems to the UK domestic market. We design and supply a complete package with one source of responsibility and one point of contact. The Nu-Heat range includes ground and air source heat pumps, solar thermal, solar pv and rainwater harvesting.

Radiant Heating Solutions Ltd

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info@heating
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www.heating-solutions.biz
Mr Nick Critchley
Installer, consultant, designer, manufacturer.
Specialist heating & cooling - incorporating hot and cold water services together with energy management.

Retherm Ltd

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Mr Martin McCormack
Renewable energy - ground source heat pump installers

T D Eco Energy Ltd - Hero Heat Pumps

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Mr Paul Stokes
TD Eco Energy are renewable eco energy specialists, providing homeowners with a design, supply, installation and maintenance service for a wide range of innovative energy saving, eco-friendly systems that will not only save you money but help you to achieve your 'green goals'.

Consultants

Advantage Projects Ltd

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info@advantageprojects.ltd.uk

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Mr Alan Draper

Advantage Projects Ltd is a consulting company of professionally qualified engineering specialists which has achieved EU HP installer status.

Independent of suppliers, we offer impartial advice and analysis, bespoke design, specifications and project management.

Aquaterra (RPS) Ltd

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Mr Nick Honeyball

Aquaterra (RPS) offers hydrogeological and thermo-geological consultancy services to ground source heat pump developers, driller and installers. We undertake feasibility studies, drilling reports and borefield array modelling for our clients. We also offer capabilities in geological and hydrogeological conceptualisation, and numerical groundwater modelling.

Carbon Zero Consulting Ltd

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Mr John Findlay

Carbon Zero Consulting offers a full range of solutions for renewable heating, cooling and energy generation. It provides a single point of independent expertise of the highest professional standard for all areas of renewable energy design and implementation. Our core area of expertise is in the implementation of hydrogeology and thermogeology for the design and installation of open and closed loop systems.

ESI Ltd

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Mr Antonio Gennarini

ESI Ltd is one of the UK's largest independent hydrogeological consultancies. Our expert Ground Source Heat design services include feasibility studies, TRT interpretations, closed and open loop system design, hydrogeological impact assessments for complex gsh schemes and regulatory liaison and permitting assistance.

Holymoor Consultancy Ltd

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Mr David Banks

Holymoor provides ground source heating / cooling consultancy, feasibility study, ground loop design and training services.

Holymoor also offers expertise in the fields of hydrogeology, groundwater resources, water well (open loop) design and water chemistry. Holymoor operates throughout the UK and internationally.

ICAX Ltd

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Mr Mark Hewitt

ICAX provides consulting services on the design of ground source energy systems that can achieve long term sustainable heating and cooling systems. The advice is based on thermal models that have been developed by ICAX over many years of research to achieve thermal equilibrium. ICAX clients for these [thermal modelling](#) services have included Mott MacDonald, Tesco, Highways Agency, REHAU, Telford & Wrekin Borough Council, Merton Borough Council, and the European Union.

John Cantor Heat Pumps Ltd

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Mr John Cantor

Having 30 years experience with heat-only heat pumps, we now offer troubleshooting and consultation relating to energy efficiency.

LithoCool

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Mr Ian Lovatt

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Mr Andrew Howley

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Mr Duncan Nicholson

Drilling Services

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Mr Peter Smith

Installer of energy piles, boreholes and wells.

Coresource Ltd

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01983 611 732

www.coresource.co.uk

Mr Steve McLoughlin

Coresource's geologists and drilling engineers work with architects, planners, engineering consultants, developers and end users to improve the quality and economics of geothermal heating with a unique customised Sonic SDC450. With 120 years combined experience, the founders are experienced in most aspects of drilling, both in the UK and overseas.

Danbar Drilling Services Ltd

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Tel: 01 942 213 342 Fax: 01 942 7331 92

admin@danbardrilling.com

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Mr Barry Harvard

Danbar Drilling Services Ltd specialise in geothermal and sonic drilling. We have expert knowledge of all drilling methods and our investment in the latest sonic technology allows us to provide

a clear, fast and reliable service. We work on large and small projects and most of work is from repeat clients.

Drilcorp Ltd

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Mr John Gowans

Drilcorp is a major specialist drilling contractor operating throughout the UK. Our current activities for geothermal borehole installations are in the commercial, domestic, local authority and utility market sectors.

Forkers Renewable Energy Ltd

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Mr Mark Mulcahy

Drilling Contractor, Site Investigation and Geotechnical Services.

GeoCon Site Investigations Ltd

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Mr Ian Walker

GeoCon Site Investigations Ltd, geothermal specialists including drilling and consultancy in partnership with Rock Energy International who design supply and install ground source heat pumps.

Geocore Site Investigations Ltd

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adamwoodhead@geocore.co.uk

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Ms Michelle Woodhead

Geocore Site Investigations Ltd is specialist in the drilling of boreholes. With a wealth of experience and fully trained and qualified staff we provide an excellent service. Geocore also has three in house geologists and NEBOSH qualified staff.

Geo-Drill Ltd

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karl.blanke@geodrillltd.co.uk

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Mr Karl Blanke (SO) / Mr Paul Turnbull (NO)

Geo-Drill offers a vast range of experience in site investigation and in ground source borehole drilling in the UK and abroad.

GeoQuip Water Solutions Ltd

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Mr Mike Deed

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Mr Phillip Mason

Drilling services

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geotech@geoeng.co.uk www.geoeng.co.uk

Mr Chris Jones

Geotechnical Engineering Ltd has been involved in the drilling business since 1961. We have been installing vertical ground loops for six years. We have a variety of drilling rigs available to suit various circumstances such as sites where access might be an issue for bigger rigs. We welcome jobs from individual house-holders as well as commercial housing projects.

Ground Source Drilling & Contracting Ltd

3A Wentworth Way, Wentworth Industrial Estate

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Fax: 01226 743 392

groundsource-drilling.co.uk

GDC provides drilling and installation of geoloops for ground source heat pump systems.

Hughes Geothermal Ltd

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751715 / 07881 555 978

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office@hughesdrilling.co.uk

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Mr Martin Hughes

Hughes Geothermal Ltd established to provide a professional dedicated service to the GSHP industry. Using the expertise of the UK's leading exploration drilling service provider (Hughes Exploration & Environmental Ltd) Hughes have been providing exploration, and associated services to the extractive industries, mines and quarries for over 30 years.

Magpie Environmental Drilling Services Ltd

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Mr Gary Raffle

We are among the industry leaders for the drilling and installation of both open and closed loop geothermal wells.

Teckna Group Ltd

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Mr Michael Shrigley
Teckna Group Drilling Services specialise in open and closed loop drilling contracts for residential or commercial projects nationwide. As one of the UK's leading geothermal drilling contractors we provide professional services for the drilling and headering works to clients' requirements.

Terra Firma Ground Investigation Ltd

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enquiries@terrafirmagi.co.uk
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Mr Mark Bradley
TFGI is committed to achieving the highest standards of drilling work for each project we do. To safeguard this we use the highest quality materials and have full backup support for all mechanical aspects of our plant. Our reputation depends upon it!

Suppliers to GS industry

Altecnic Ltd

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Mr Stephen Elsmore
The UK's largest plumbing supplier covers ground source energy products.

Clear Solutions International Ltd

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Tel: 01827 283810 Fax: 01827 254 921
jan@drilling-products.com
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Mr James Mansell
Specialist independent drilling products company which manufactures and supplies the global drilling industry with a comprehensive range of products including geothermal grouts, drilling fluids, recycling systems and screens for shale shakers, drilling fluids engineering and product specialists.

Danfoss Heat Pumps UK

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Mr Chris Dale
Danfoss Heat Pumps UK is one of the UK's largest suppliers of ground and air source heat pumps. With over 40 years of

experience in projects such as house, offices, community halls and schools, our systems can supply all of a building's heating & hot water requirements.

Dimplex UK Ltd

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Tel: 0845 6005111
marketing@dimplex.co.uk
www.dimplex.co.uk
Mr Chris Davis
Dimplex is the UK market leader in the provision of modern electrical heating systems. Heat pumps have been developed and produced at our manufacturing plant in Germany for over 30 years. Dimplex also produce a range of solid fuel stoves.

Emtelle UK Ltd

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Mr David Pawson

Fernox - Cookson Electronics

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Ms Francine Wickham

For over 40 years, Fernox pioneered the development of chemical water treatment to protect and maintain the energy efficiency of heating systems. As part of its expanding portfolio, Fernox has introduced a range of renewable heat transfer fluids and cleaning products specifically for Heat Pump applications. Available either as ready-to-use or in concentrated form, for easy on site blending to specific frost protection levels; there is a Fernox product to suit all requirements.

Fusion G-Source Ltd

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Mr Rob Eavis

Our other ground source system types are Energy Piles, Open Water Collectors & Diaphragm Walls. We supply contractors, drillers, installers, consultants and system designers with all the products and services needed to extract heat from the ground and convey it to a ground source heat pump. G-Source extrudes pipe, assembles ground loops, manufactures electrofusion fittings, builds control boxes and fabricates manifolds: all on the same ten acre site in Chesterfield.

Geothermal Supplies Ltd

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Mr Kevin Bottomley

Our priority is to offer the best quality products and materials to our customers. This means supplying proven, industry accepted equipment, fittings and consumables. We are the sole European distributor for GeoLoop grout pumps and reeling equipment and GeoPro Thermally Enhanced Wyoming bentonite. Together with the highest quality PE100 polythene pipe we manufacture and deliver our Thermo-Loop ground heat exchangers.

Go Geothermal Ltd

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info@gogeothermal.co.uk

Mr Sean Sowden

Go Geothermal aim to supply Pex probes, preinsulated pipe, chambers, manifolds, biocides and other supplies to the ground source industry from stock.

GRD/TT-UK Ltd

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Mr Billie Turner

Manufacturer/supplier of innovative Geothermal Radial Drilling System (GRD) for gshp installations to provide reduced drilling costs. Ideal for gshp retrofit systems where drilling footprint and

access are limited, no mess and minimum disruption, 1.6m wide works in most locations. Borehole cuttings contained in controlled environment. Slant drilling for ground bore heat collectors to depths up to 40m ensures energy and efficiency renewal in shortest possible times.

Greenrock Energy Ltd

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Mr John Flavell Smith

ESCO services to finance the capital costs of installing renewable energy.

Hydra Technologies Ltd

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Mr Stephen Hickson

Hydra Technologies Ltd manufactures of the CoolFlow range of Heat Transfer Fluids for ground source heat pump systems.

Jelf Group Plc

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Mr Nick Aylett

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Mr John Barker-Brown

Established in 1999, Kensa Engineering Ltd is the country's only manufacturer of a full range of ground source heat pumps designed for both residential and large scale commercial applications including the largest single phase unit (24kW) in the market. Kensa have a no-nonsense approach to heat pump technology and will provide honest advice as to whether a heat pump is suitable.

Kilfrost Ltd

4th Floor, Time Central, 32 Gallowgate

Newcastle upon Tyne, NE1 4SN

Tel: 01434 320 332 01434 323 184

Fax: 01 91 230 0 426

info@kilfrost.com

www.kilfrost.com

Mr Alex Stephens

Proquip Direct Ltd

Unit 1, Park Road Works, 125 Park Road, Beckenham

BR3 1QJ

Tel: 0208 63 90377 Fax: 0208 63 90379

sales@proquipdirect.com

www.proquipdirect.com

Mr Mark Holland

Suppliers of borehole pumps and borehole equipment.

REHAU Ltd

Hill Court, Walford, Ross-on-Wye HR9 5QN

Tel: 01 98 9 762642

enquiries@rehau.com

www.rehau.co.uk

Mr Steve Richmond

REHAU manufacture a wide range of ground-source pipework and accessories, such as PE-Xa and PE 100 probes, horizontal collectors, helix probes and coaxial probes. The accessory range includes pre-assembled manifold chambers, modular manifolds, underfloor heating and PE-Xa pre-insulated pipe. REHAU is a premium global brand for polymer based solutions, employing over 14,000 people worldwide.

Sentinel Performance Solutions Ltd

The Heath Business & Technical Park, Runcorn, WA7 4QX

Tel: 01 928 588 330 Fax: 01 928 588 368

gshp@sentinel-solutions.net

www.sentinel-solutions.net

Mr Bob Simcox

Sentinel is a recognised authority on maximising energy efficiency in heating systems and minimising carbon emissions. Supplies a comprehensive range of heat transfer fluids, cleaners, biocides and test kits for renewable technologies, in addition to a range of corrosion and scale inhibitors, cleaners and test kits for traditional central heating and underfloor heating systems.

The Solar Design Company Ltd

Old Station, Machynlleth, Powys SY20 8BL

Tel: 01654 700324

www.solardesign.co.uk

Mr Chris Laughton

The Solar Design Company sells, provides technical support for and trains users in GeoT*Sol, T*Sol and PV*Sol simulation software. The software assists users in designing and optimising heat pump, solar thermal and PV systems. It takes into account a range of variables, allows components to be compared and produces predictions on factors such as financial payback and optimum borehole depth. The programs produce project reports for customers including system outputs and configurations. The company also sells a bespoke range of site surveying tools and aims to educate installers and end users in how to supply customers with accurate, reliable information and create optimised system.

The Solar Design Company Ltd was founded in 1993 by Chris Laughton, Managing Director. Chris Laughton also produces specialist technical editorials for trade publications and is a well known author and lecturer.

Training Services

Ableskills Ltd

Unit K5, Riverside Industrial Estate, Riverside Way
Dartford, DA1 5BS
Tel: 01322 280 202 Fax: 01322 280 301
info@ableskills.co.uk
www.ableskills.co.uk
Mr Jed Smith

BPEC Services Ltd

2 Mallard Way, Pride Park, Derby DE24 8GX
Tel: 0845 644 6558 / 01332 376005
Fax: 0845 121 1 931
info@bpec.org.uk www.bpec.org.uk
Mr Paul Cullen
BPEC offers generic training solutions to the building services engineer, covering conventional areas such as gas, oil, water and electric. BPEC also produces a suite of renewable energy training courses such as ground source heat pump, solar, biomass, rainwater harvesting and underfloor heating.

Sevenoaks Energy Academy Ltd

C1 & C2 Chaucer Business Park, Watery Lane
Kemsing, Sevenoaks, TN15 6YT
Tel: 01732 760077
enquiries@sevenoaks.com
sevenoaksenergy.com
Ms Julie Walker

Trade Associations

British Drilling Association Ltd

Wayside, London End, Upper Boddington
Daventry, NN11 6DP
Tel: 01327 264622 Fax: 01327 264623
office@britishdrillingassociation.co.uk
www.britishdrillingassociation.co.uk
Mr Brian Stringer
The BDA was founded in 1976 as the trade association for the UK ground drilling industry. BDA represents the interests of over 110 companies from manufacturing, supply and contracting. BDA is: "Committed to excellence in health and safety; quality of workmanship and technical standards for the benefit of the drilling industry and its clients."

Federation of Environmental Trade Associations

2 Waltham Court, Milley Lane, Hare Hatch, Reading
RG10 9TH
Tel: 0118 940 3416 Fax: 0118 940 6258
terryst@feta.co.uk www.feta.co.uk
Mr Terry Seward
FETA represents manufacturers, suppliers, installers and contractors within the Heating, Ventilation, Air Conditioning and Refrigeration sector. The principal associations are: ADCAS, BCIA, BFCMA, BRA, HEVAC and HPA.

Heat Pump Association

2 Waltham Court, Milley Lane, Hare Hatch, Reading
RG10 9TH
Tel: 0118 940 3416 Fax: 0118 940 6258
info@feta.co.uk
www.heatpumps.org.uk
Mr Tony Bowen
Heat pump manufacturers association.

Local Government

Three Rivers District Council

Three Rivers House
Northway
Rickmansworth
WD3 1RL
Tel: 01 923 727 228 / 01 923 776 611
nick.dimbleby@threerivers.gov.uk /
clay.charles@threerivers.gov.uk
Mr Clay Charles
Two gshp horizontal slinky systems were installed in Council owned premises. The first system installed was retrofit to the existing Air Handling Unit serving a meeting room. The requirement was not only for heating but also cooling. The second system was installed at a recreation centre and provided underfloor heating to restaurant and toilet block as well as the warden's first floor flat.