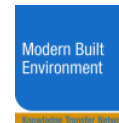


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Company	Specialisation	Details
Anne Thorne Architects Partnership Jennie Swain 020 7729 6168 jennie@annethornearchitects.co.uk	Architects	<p>ATAP proposals are to carry out a 'Passivhaus' refurbishment project. The Passivhaus model is an established approach in Germany, Austria and many other European Countries in reducing the energy consumption of a building, therefore reducing carbon emissions to the absolute minimum. This evidenced approach means there is an accessible knowledge-base with measured results that a Passivhaus refurb can utilise.</p> <p>It relies on existing technology, not un-tested gadgets & bolts-ons, to create air-tight & super-insulated buildings that require no additional heating, as they capture and utilise passive solar gain and heat from internal appliances and inhabitants.</p> <p>ATAP have the relevant expertise and have invested in the PHPP planning package software and are currently working on Passivhaus standards projects in the community sector and social housing, where ATAP have established a reputation for thoughtful, liveable and eco-friendly affordable housing design, successfully design to Ecohomes 'Excellent' and Code Level 3 & 4 social housing projects. A Passivhaus refurb realistically would push the UK to the next level and beyond in low-carbon housing.</p>
Aquarian Cladding Systems Paul Richards 01275 543812 paul@aquariancladding.co.uk	Distributor	<p>Aquarian Cladding Systems Ltd is the sole UK distributor of the Gebrik Insulating Brick Cladding System. Gebrik has been used extensively throughout Europe over the past 25 yrs+ to refurbish properties, hence improving thermal performance, durability and weathertightness (as well as appearance). The system consists of factory-produced composite panels including prefabricated reveals for openings and external corners. A wide range of fixings are supplied as part of the system to suit different substrate conditions and the range of natural clay finishes exceeds 300no.</p> <p>Gebrik has a BBA certificate and has been tested by BRE for fire performance and CWCT for weathertightness when applied to framed buildings. We offer a complete pre-contract design service with installation assistance when on site, to ensure the appropriate solution is specified and installed.</p>

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Company	Specialisation	Details
Aspire Housing Gill Wood 01782 854737 gwood@aspirehousing.co.uk	Social Landlord	We are currently the lead RSL responsible for activity in partnership with Renew North Staffs for Housing Market Renewal within a pathfinder area. We have identified an area requiring major intervention which includes significant intervention such as demolition and potential major refurbishment works to social rented homes. As part of this programme we are currently considering significant re-modelling of up to 60 family homes so that they can more appropriately suit housing needs in the area, and may offer the opportunity to change the tenure of these homes. As part of this potential programme we would like to include elements of 'retrofitting for the future' within the refurbishment for some or all of these homes.
Axis Design Architects Rob Annable 0121 2361726 ra@axisdesignarchitects.com	Architects	Architect with extensive experience of high performance refurb project thanks to award winning Ecoterrace project. See http://ecoterrace.co.uk for more info.
BEAMA Ltd John Parsons 0207 7933006 JohnP@beama.org.uk	Trade Association	Project design, planning and management Advanced controls: heating and lighting Smart meters and energy displays Heat pumps Integration and managed control of renewables Advanced communications Smart appliances
CELOTEX PAUL EVANS & ROB WARREN 07765 851895 or 07920 027591 pevans@celotex.co.uk or rwarren@celotex.co.uk	PIR Insulation Manufacturer	Celotex offer a range of PIR insulation products suitable for the refurbishment market. Our products encompass the thickest PIR insulation solutions available from 12-200mm thick. We also have products for specific applications including flat roofs and underfloor heating. With a thermal conductivity of 0.023W/mK, these products offer excellent thermal performance achieved with minimal thickness. Our PL3000 product, combines PIR insulation to 12.5mm tapered edge plasterboard allowing to upgrade insulation levels within internal dry lining applications. This product is suitable for internal wall refurbishment as well as

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		beneath rafters and joists.
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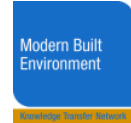
Company	Specialisation	Details
Chevin Housing Group Lee Winterbottom 01924 290949 L.winterbottom@chevinha.co.uk	Social Landlord	Looking to increase the thermal efficiency of our existing homes & reduce the fuel costs of our tenants. This we want to achieve by increasing the insulation values as much as possible & improving the air tightness. Ideally we would like to consider systems that combine both heat & ventilation in one unit. The scheme we are looking at is a row of red brick terrace properties. Their situation would be ideal for considering a passive style glazed façade, for solar gain.
E.ON Engineering Rob Middleton 024 76191264 Robert.middleton@eon-engineering-uk.com	Commercial	As a project partner, E.ON may be able to offer <ul style="list-style-type: none"> • Smart metering & energy monitoring • Energy monitoring • Microgeneration
EarthEnergy Alex Driver 07989 057184 a.driver@earthenergy.co.uk	Installer	EarthEnergy have over 10 years experience installing ground source heat pumps into social housing units. Systems are either for individual dwellings or communal systems. These are in both new build and retrofit properties utilising radiators or under floor heating. A ground source heat pump will meet all the space and water heating demand of the property. These renewable energy systems use a borehole to collect heat from the ground to provide affordable low carbon energy. EarthEnergy offers a fixed price turnkey solution. For further information please contact Alex Driver on 07989 057184 or visit www.earthenergy.co.uk

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Company	Specialisation	Details
Eco Design Consultants Alan Budden 01908 698364 Alan@ecodesignconsultants.co.uk www.ecodesignconsultants.co.uk	Architects	<p>Eco Design Consultants offer Sustainable Architecture and / or Environmental Consultancy. We are a new start company currently working on an environmental restoration of a small historic museum. As director Alan also brings past experience of designing many demonstration projects including the first 5 star house, under the Code for Sustainable Homes, the Sigma Home, and the design & detailing of structural bathroom pods.</p> <p>We provide a joined up Architectural design and Environmental consultancy, using architectural design and knowledge to maximise free resources, such as passive measures, reducing fuel resources, and then using renewable technology where appropriate. But always ensuring the buildings give delight, are desirable, functional and easily maintained. Otherwise true sustainability is not achieved.</p> <p>Our Environmental Services include; CSH, SAP, EPC, Renewable energy Strategies, Sustainability Statements.</p>

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Company	Specialisation	Details
<p>Environmental Fireplace Solutions</p> <p>Daniel Shute 01924 368899 danielshute@fireplaceheatsaver.co.uk</p>	<p>Supplier</p>	<p>The Fireplace Heatsaver, a transparent acrylic shield designed to fit over the fire or fireplace opening to eliminate the need to use the fire, thus preventing heat loss up the chimney.</p> <p>Environmental Fireplace Solutions Ltd commissioned in depth testing to be conducted by Building Services Research and Information Association (BSRIA) on the Fireplace Heatsaver in August 2007. The test and calculations were based on data taken from the Government's Standard Assessment Procedure for Energy rating of Dwellings SAP 2005.</p> <p>The results demonstrated that savings could be achieved in the following categories per chimney:</p> <ul style="list-style-type: none"> • Energy saving - up to 2895.69 kWh/Annum • CO2 saving – up to 0.550 tonnes/Annum • Air loss reduced from 40m3/hr to 13.58m3/hr • Householders would benefit from the following; • Reduced fuel bills • Reduced draughts • Reduced heat loss • Improved efficiency of the dwelling <p>The ability to use the fireplace in case of boiler failure or power cut It is estimated that there are 6.9 Million homes in the UK that would benefit from this product.</p> <p>Testing data available from the web http://www.fireplaceheatsaver.co.uk/downloads/BSRIA_Report_50631-1_Edition_2.pdf</p>

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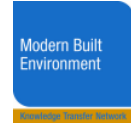
Company	Specialisation	Details
Expedition Engineering Neil Reeder 020 7307 1021 Neil.r@expedition.uk.com	Engineering Consultancy	<p>Expedition is a firm of building technologists that turns great ideas into practical designs. We excel at assessing the available options and presenting tailored solutions - not championing an individual solution to fit all.</p> <p>We have several whole-house retrofit ideas that we wish to take forward with an RSL – from an all electric ‘suburban powerhouse’ to a passive heat recovery system that re-uses existing chimney stacks.</p> <p>Expedition challenges and supports its designers to engage their interest in one of today’s key issues, dragging our existing housing stock kicking and screaming into the 21st Century.</p> <p>We can bring technological expertise and the practical know-how to the table and welcome the opportunity to work with people who share our enthusiasm in order to form a competition entry team.</p>
F E Peacock Construction Ltd P Adams 01778 391570 Paul.adams@fepeacock.co.uk	Contractor	<p>As a contractor mainly involved in new build projects we are looking to bring our considerable experience in specifying and installing a variety of Renewable Technologies to Retrofit projects.</p> <p>We are also looking at Air tightness and wall insulation products that can substantially improve the energy performance of existing buildings.</p>
GreenLED Light Ltd James Millar 01666 502070 james.millar@greenled.co.uk	Lighting	<p>Greenled offers a whole package solution for sustainable low-energy lighting, including metering/measurement analysis, provision of fully tested LED lights and on-going technical support including installation, upgrades and maintenance.</p> <p>Greenled offers a wide range of LED lighting in the following forms:</p> <p>Lamps: downlighters (GU10, MR16), spotlights, GLS and candle-bulb replacements – all retrofittable into most standard fittings or for new builds</p> <p>Luminaires: complete lighting systems within fittings for recessed downlights, internal floods</p> <p>Fittings: the fixtures or fittings required to mount, connect or support the LEDs where standard fittings are not appropriate</p> <p>All products are fully certified, proven and tested and carry product guarantees. Average energy savings between 55 – 80% (excluding air-conditioning)</p>

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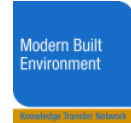
Company	Specialisation	Details
GreenSpec Brian Murphy 01733 238148 BrianSpecMan@aol.com	Environmental Specification Consultancy & Information Provider	<p>www.GreenSpec.co.uk is a free access website used by 86,000 unique visitors/month</p> <p>It is aimed at designer/specifier but is useful to all disciplines in the construction industry</p> <p>GreenSpec website contains product pages for materials, products, systems and services; materials comparison pages, interpretation of the Code for sustainable homes, Low energy house design guide, Refurbishment design guides, & case histories, and much more.</p> <p>The outputs of this project will add to product pages, materials comparisons, case studies, refurbishment, suppliers, energy systems, it can also incorporate information by other project teams.</p> <p>MyGreenSpec is an online specification assembly tool, launching this month, it currently includes about 700 elemental assemblies for new build construction for buildings and their landscapes. By choosing a product for every component of each element of a</p> <p>The outputs of this project will enable development for Refurbishment solutions.</p>

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Company	Specialisation	Details
Harrison Embrey Mark Harrison 0203 287 5886 mark@harrisonembrey.com	Marketing	<p>Zipblocks are a unique system to clad a building (and roof) with a high performance material to primarily super-insulate a building but also to provide a base to offer integrated rainwater harvesting, passive heating/cooling and SMART technology into the refurbishment. Two key aspects of Zipblocks are of note:</p> <ul style="list-style-type: none"> • Low cost of installation to reduce the need to vacate the premises while work is under way. • Ease of installation, one component with multiple features can be installed using basic construction skills and tools • Zipblocks have the following features: • Assembled under factory controlled conditions from different materials to prevent thermal bridging problems when connecting them to an existing buildings fabric. • Can be light, medium or heavyweight to suit different operating conditions. • Low cost of lifetime ownership, ease of repair and maintain. • Can be supplied locally with a high input of both local labour and renewable raw materials. • Structurally able to be used in extreme environments. <p>Zipblocks are covered by patents, we are seeking projects and business partnerships to develop it's market application as an OEM and refurbishment building material.</p>
Hydrocheck Limited and Waterguard Services Limited Mike Chambers 0114 2818272 Mike.chambers@hydrocheck.co.uk	Manufacturer	<p>Hydrocheck Limited in cooperation with Waterguard Services Limited provide water management systems for domestic and commercial applications. New build properties are increasingly fitted with our water leak detection systems with an automatic stop tap to shut off the water supply in the event of a burst or leaking water pipe or tank.</p> <p>Our product range includes simple stand alone user programmed units and interactive web-based systems for monitoring water consumption profiles.</p>

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Company	Specialisation	Details
IESD, De Montfort University Dr Andrew Wright 0116 257 7960 awright@dmu.ac.uk	University	<p>The Institute of Energy and Sustainable Development (IESD) at De Montfort University is mainly a research institute with expertise and research activity in energy and environmental modelling of buildings, daylighting analysis, carbon footprinting, social science research into energy use in buildings, human comfort, urban scale energy modelling, energy and environmental monitoring and analysis. We also carry out consultancy work on building design and energy analysis.</p> <p>The Institute also runs two MSc courses, Climate Change and Sustainable Development, and Energy and Sustainable Building Design.</p> <p>For further details see http://www.iesd.dmu.ac.uk/ and for the university as a whole http://www.dmu.ac.uk/</p>
IESD, De Montfort University Professor L Shao 0116 257 7975 lshao@dmu.ac.uk	University	<p>Professor Shao is a key member of the Carbon Trust/EP SRC consortium on retrofitting energy technologies in existing buildings. The £2m TARBase project, with 8 company and university members, enabled research into optimum grouping of energy systems for a range of existing buildings and the optimum sequence of multistage installation of the systems, in terms of achievable carbon savings under real occupancy conditions.</p> <p>He is DMU PI in the multidisciplinary consortium project in airport operations and retrofitting energy systems in existing airport buildings.</p> <p>A further consortium project deals with coping with heatwaves in existing residential buildings. "</p> <p>Professor Shao has 18 years of experience in building energy systems, including CHP, ground source heat pumps, passive cooling, natural ventilation and daylighting as well as renewable energy and storage technologies.</p>
Isothane Ltd Peter Bullivant 01254 872555 Peter.bullivant@isothane.com	Manufacturer	<p>Isothane provide high performance insulation for roofs walls and floors. Isothane insulation is applied in-situ and is versatile to provide a total insulation envelope for all types of housing, including hard to treat homes, systems built houses, narrow cavities etc.</p> <p>Isothane insulation provides a unique combination of high insulation value and "Best Practice" air leakage values.</p>

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Company	Specialisation	Details
IT Power / Sustainable Energy Installations Hilary Branfield Hilary.branfield@itpower.co.uk	Consulting	<p>IT Power is an international sustainable energy consultancy. Our services include:</p> <ul style="list-style-type: none"> • Feasibility studies • SAP Assessments • Dynamic Thermal Modelling • Energy audits • Control systems • Energy Efficiency Advice • Renewable Technologies system design <p>IT Power own SEI, a renewable technology installation company who install solar thermal, photovoltaics and wind turbines.</p>
Kingspan Insulation Ltd David Collier 07795 591047 david.collier@insulation.kinspan.com	Manufacturer	<p>We are a market leading manufacturer of high performance Phenolic and PIR insulation products for all floor, wall and roofing applications. See attached documents relating to Refurb and a specific London project we have been involved with.</p>

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Company	Specialisation	Details
Kingston Upon Hull City Council Martin Budd and Mick Werritt 01482 614390 Martin.budd@hullcc.gov.uk and mick.werritt@hullcc.gov.uk	Local Authority	<p>We are looking for partners who can provide solutions to make several property types in the City fit for the future. We are able to offer potential partners traditionally built properties dating from the 1930's as well as modern construction properties from the 1960's in particular caspon and YDG properties.</p> <p>We are looking for partners that can provide innovative solutions to increase energy efficiency, reduce fuel poverty and achieve energy security for tenants that could be replicated by the Authority throughout the wider stock post Decent Homes in 2011.</p> <p>Addressing the challenges faced by the current stock is fundamental to the future investment plans of the Housing Service in Hull. Therefore the use of the property types mentioned above provides a real world test bed for solutions that will feed into investment decisions and demonstrate the effectiveness of the technological solutions that could be transferred subsequently to the private housing market. Further, the outcomes from the use of the technologies will be fed into wider discussions with other local authorities in the Yorkshire and Humber region and the Humber sub-region.</p> <p>We are looking for solutions that are affordable, demonstrate value for money, enable the widespread replication of solutions, minimise disruption to tenants and where tenant input is required as part of the technology operation that it is simple and easy to use and is kept to a minimum. We are also interested in the maintenance implications of any solution and the life span of the technology.</p>

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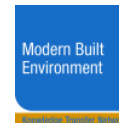
Company	Specialisation	Details
Knauf Insulation Stephen Wise 077 36363213 Stephen.wise@knaufinsulation.com	Manufacturer	Knauf Insulation are primarily a manufacturer of Mineral Wool and Extruded Polystyrene products but we also could supply a wide range of related and ancillary products from the not only from the KI range, but also from the wider Knauf group including vapour control membrane and air barrier systems, plasterboard, fibre cement boards, metal systems and renders. By acting as a single focus for the breadth of technical knowledge that exists both in the UK and across Europe in all areas of Knauf Insulation expertise we can provide systems that are practical, cost effective and optimised for maximum realisable performance in the thermal upgrade of the fabric of existing buildings. This includes Internal Wall Insulation, External Wall Insulation, Flat and Pitched roofs and suspended and solid floors. We place a strong emphasis on understanding the actual performance of real constructions and the insulation materials included.

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Company	Specialisation	Details
Leeds Federated Housing Association Lucy Watson 0113 3861176 Lucy.watson@leedsfed.com	Social Landlord	<p>We have approximately 1500 hard to treat solid wall homes ranging from one bedroom flats to 4 bedroom through terraces including a number of traditional back to back properties with basements and rooms in the roof space and 3 non traditional concrete prefab homes. Over 80% of our customers are in receipt of benefits or considered to be on low incomes which puts them at increased risk of fuel poverty particularly within these hard to treat homes where our traditional planned works programmes fail to raise the SAP rating to an acceptable level. We would be happy to consider any form of improvement to these properties but would be particularly interested in increasing the energy efficiency to reduce fuel poverty</p> <p>Projects we are currently considering include: -</p> <p>A hard to treat scheme of 16 flats which were originally converted from a church in the late 70's the heating and hot water is currently all electric and it's a solid stone wall property which would be ideal for sympathetic refurbishment to improve the energy efficiency and access we would also be interested in refurbishing the water system to the building to include grey water recycling and would be open to any other environmental improvement to the building.</p> <p>A sheltered scheme of 33 Flats for the over 55's with communal gas central heating, we have already refurbished the bathroom and kitchens increased the loft and cavity wall insulation and installed double glazed window however we are looking for a suitable renewable technology to replace the existing heating system</p> <p>We also have 2 further smaller schemes which are both within listed building, one is a scheme of 4 flats within a converted church and the other is a scheme of 5 flats within a converted merchants house both of which are solid wall properties with access</p>

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Company	Specialisation	Details
Leeds Metropolitan University Dr Jez Wingfield 01138 121938 j.wingfield@leedsmet.ac.uk	University	<p>The Centre for the Built Environment (CeBE) at Leeds Metropolitan University has established itself as one of the leading housing energy research centres in the UK. The focus of the Centre is in the measurement of the performance of low energy houses and the links between design, construction, user interaction and regulation. The Centre has particular expertise in the measurement of performance in the field using techniques such as in-use energy monitoring, thermal imaging, coheating, pressure testing and post occupancy evaluation. A range of protocols have been developed to analyse the design and construction processes in order to understand the underlying mechanisms for observed performance. The Centre has interests in both new dwellings and the refurbishment of existing dwellings. CeBE has strong links with social landlords (e.g. JRF, Home Housing, Harrogate Council), major housebuilders (e.g. Redrow, Bryant), other research organisations (e.g. Bartlett School at UCL, Faber Maunsell, BSL), designers and materials suppliers (e.g. Knauf, Rockwool, Eurisol).</p>
LHA-ASRA Group Sophie Fitzhugh Sophie.fitzhugh@lha-asra.org.uk	Social Landlord	<p>There are a range of potential option available. LHA-ASRA own and manage 13,000 homes, predominantly in the East Midlands but also down the M1 corridor to London.</p> <p>Particular issues are in:</p> <ul style="list-style-type: none"> • Post-ware ex British Coal semi-detached stock in North Notts Coalfields area and villages in the Meden valley. Low SAP ratings, no gas supply. • Victorian Terraced properties in Nottingham with low SAP ratings. <p>We would be interested in projects which would also generate opportunities for training and employment for our existing tenants.</p>

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Company	Specialisation	Details
Liverpool John Moores Marjan Sarshar 0151 231 2871 M.Sarshar@ljmu.ac.uk	University	We can offer investigation of new technologies, such as fuel cells, and lighting technologies. We already have some best practice case studies and understand the gaps in technology. We can investigate the integration of various novel technologies. We have expertise in cost implication of new technologies and life cycle costing. We have experience in process mapping and business process management, plus organisational issues related to the introduction and management of new technologies.
Loughborough University Professor Malcolm Cook 01509 22 2816 Malcolm.cook@lboro.ac.uk	University	Loughborough University has an excellent track record in the area of low carbon building design and performance modelling. The Sustainability Research School provides access to a wide range of skills and knowledge, which include: <ul style="list-style-type: none"> • Building simulation (energy, ventilation and thermal comfort) • Economic modelling • Occupant behaviour modelling, including occupant interaction with new technologies • Design and implementation of renewable energy technologies • Building environmental monitoring In addition, Loughborough is part of the Midlands Energy Consortium with Nottingham and Birmingham Universities which provide wide access to other relevant skills, including: <ul style="list-style-type: none"> • Innovative housing (Creative Energy Homes) • Energy Policy, including regulation and economics My colleagues and I can provide, and connect to, key relevant expertise for this project
Marsh Grochowski LLP Joseph Kemish 0115 941 1761 joseph.kemish@arcontect.com	Architects	Architectural Services. A design led Architecture practice, the firm is involved with several low energy and research projects. Architects for the E.On House at The University of Nottingham.

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Company	Specialisation	Details
Milliken Industries Sharron Kapellar 07790 547685 Sharron.kapellar@milliken.com	Manufacturer	Milliken are a Carbon Negative carpet tile manufacturer. Milliken can offer a wide choice of BRE a rated carpet tile products suitable for most areas. And can issue Carbon Neutral Certificates with all installations. Whether you want a tile effect or broadloom look Milliken can offer a solution that won't cost the earth.
Nottingham Trent University Dr Amy Tan 0115 848 2091 amy.tan@ntu.ac.uk Professor John Chilton 0115 848 2313 john.chilton@ntu.ac.uk	University	Performance assessment of innovative and natural insulation materials Thermal performance monitoring of existing and new construction Post occupancy evaluation (POE) and effect of occupant behaviour on building performance Potential for ETFE overcladding of buildings Integration of green roofs in retrofit Rainwater harvesting systems in retrofit Consumer preference/perception of architectural design/aesthetics of retrofit and low-carbon buildings Alternative architectural design solutions and detailing for retrofit Rainwater harvesting
Plus Dane Group Martin Gladwin 0151 703 2013 martin.gladwin@neighbourhoodinvestor.com	Housing Association	With over 12,500 properties across Merseyside and Cheshire, the plus dane group have a wide range of property types and ages. In Merseyside we are looking to include at least one property from our Victorian terraced/semi detached houses which generally have low SAP ratings that we have found difficult to improve using traditional measures. In Cheshire our portfolio is in more rural locations and we will be looking to include a range of properties that are 'hard to heat' due to their remote location (i.e. off the gas mains). We would be interested to discuss innovative solutions for such properties with potential partners at the workshop.

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Company	Specialisation	Details
Prewett Bizley architects Robert Prewett 07779 269904 rp@prewettbizley.com	Architects	<p>Currently on site in Hackney London we are completing an ambitious retrofit of a Victorian terrace house within a conservation area and expect to reduce its energy consumption by 80%. It will become one of the highest performing retrofits of its type so far in the UK and will only just fall short of the stringent Passive house criteria pioneered in Germany.</p> <p>This will be achieved by a mix of technologies including insulation, air tightness measures, bespoke high performance windows, solar thermal collection and mechanical ventilation with heat recovery.</p> <p>Our role has been one of researcher, coordinator and tailor to ensure that best value is achieved for energy reduction and to ensure the house will be enjoyable and pleasant. We modelled various solutions and balanced these against cost and architectural merit.</p> <p>We are also in charge of coordinating the many details that such projects involve: from duct design to ensuring the air tightness layer is maintained throughout.</p> <p>The build cost of introducing all these measures is around £150k.</p> <p>Prewett Bizley architects have been researching and developing low carbon solutions to both new build and retrofit projects for a number of years. We have developed an in depth knowledge of assessment criteria from Code for Sustainable Homes, to Passive h</p> <p>Currently we are working with other consultants and manufacturers developing prototypes for specialist energy saving components such as windows and doors that can be easily retrofitted to period properties without compromising their architectural characte</p>

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Company	Specialisation	Details
RE Hydrogen Dr Amitava Roy 01403 273506 aroy@rehydrogen.com	Engineering Consultancy	We provide consultancy and engineering services in the following areas. 1. Modelling and forecasting of sustainable energy systems. 2. Undertake projects from concept planning, design, installation, operation and maintenance of integrated energy systems using household waste, biogas, renewable energy, electrolyzers, fuel cells and gas turbines. 3. Commercial viability and installation of back-up power generation during peak demands, load shedding/ blackout market using fuel cells and batteries. 4. Develop high pressure, compact electrolyzers for hydrogen energy storage and H2 vehicle fuelling.
RENEW Harpreet Rayet 01782 237823 Harpreet.Rayet@stoke.gov.uk	Housing Market Renewal Area	The current plan for a clearance area within Cross Heath area within Newcastle-under-Lyme is to demolish 59 properties and redevelop the area in the future. Due to changing market conditions it has been highlighted that it is necessary to establish if demolition remains the most appropriate action or whether the properties could be remodelled instead. As RENEW's lead Registered Social Landlord, Aspire Housing wish to appoint a consultant to develop alternative design options for the Cross Heath area within Newcastle-under-Lyme Area of Major Intervention and establish if this is a more appropriate way forward than demolition. Key to any new design options is the most cost-effective manner in which an eco-led refurbishment project can be undertaken.

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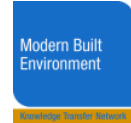
Company	Specialisation	Details
Sheffield City Council Hannah Gibbins 0114 2562182 Hannah.gibbins@sheffield.gov.uk	Local Authority	<p>Sheffield City Council own a large sundry house currently divided into 3 flats. The flats fell into disrepair and lettings ceased in 1999, 2001 and 2005. The property was subsequently declared surplus to requirements in large part due to the prohibitive refurbishment costs. However Local Councillors were concerned that a potential large family home would be sold in an area where there is a high social need for larger houses for rent. We were asked to take on the remodelling and refurbishment of the house with a brief that that proposed improvements above and beyond the decent homes standard. In particular to provide eco improvements to reduce the future residents fuel bills.</p> <p>The house would be an exemplar property, acting as a blueprint for future retrofits if and when monies become available. Unfortunately the only funding available to use towards the refurbishment of this property from 3 flats into a 5 bedroom family home comes from the sale of a smaller sundry property declared surplus. The monies that have been raised from this sale should just cover the cost of decent homes work, leaving very little funds to provide whole house eco solutions to reduce carbon emissions and inevitably the residents utility bills.</p>
Summers Inman Michael Henning 0191 284 1121 michael.henning@summers-inman.co.uk	Project Management	<p>Advice on most cost effective ways of achieving sustainable/low carbon new buildings and refurbishment of existing stock, including whole-life cost advice</p>
Sustainable Construction i-Net John Liddle 01604 0892928 John.liddle@construction-inet.org.uk	Innovation Support	<p>Support & brokerage for E Midlands organisations looking to participate in proposals to this call, and more generally looking to innovate in the Sustainable Construction sector. Access to Innovation Support and Higher Education Collaboration funding</p>

Company Overviews
Retrofit for the Future Project Brokering Workshops
Nottingham, 5th May 2009



Company	Specialisation	Details
The Business Advice Team Limited Matt Symonds 01509 670610 Matt.symonds@bateam.co.uk	Business Consultancy	The Business Advice Team is a privately owned business consultancy that has considerable experience in bid and fund application writing, coordination and inclusion of consortium partners and management of bids through call processes.
University of Lincoln Dr. Amira Elnokaly 01522 837178 aelnokaly@lincoln.ac.uk	University	Centre for Sustainable Architecture and Environments The Group is engaged in research and application of sustainability and technological development in architecture including design, social and cultural aspects, construction, post-occupancy evaluation, thermal modeling, whole life cycle assessment, carbon foot printing, eco-refurbishment and conversion.
University of Nottingham Dr Matthew R Hall 0115 846 7873 Matthew.hall@nottingham.ac.uk	University	Collaborative research/consultancy in following areas: - Primary subject area: civil/building materials Secondary subject area: building physics Current/previous topics: - moisture transport & storage in porous materials - heat transfer/storage and thermal properties of materials - hygrothermal behaviour & buffering (thermal mass materials, humidity buffers) - environmental performance of materials (rain penetration, damp, salts, frost action etc) - cementitious materials & composites (earth-based, recycled & waste) - pavement/ground materials & systems - heritage materials and structures
University of Nottingham Mark Gillott 0115 8467677 mark.gillott@nottingham.ac.uk	University	Energy modelling and monitoring (POE), low carbon technologies for retrofitting, e.g. insulation, heating systems, controls.

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Company	Specialisation	Details
University of Nottingham Ian Dwyer 0115 84 68141 ian.dwyer@nottingham.ac.uk	University	As a university with very strong RD&D in energy technologies, we are able to offer a range of specialised, relevant expertise, including material sciences, electrical and electronic engineering, chemical engineering, mechanical engineering, social sciences, physical sciences, computing, mathematics etc.
University of Wolverhampton Martin Eason 01902 321658 m.eason@wlv.ac.uk	University	Offering a range of courses: Architectural Design Technology, CAD and Construction, Architectural Visualisation, Interior Architecture and Property Development, Product Design and Innovation, Design technology. With Rapid Prototyping and modelling facilities, design studios. Virtual Design Enterprise Centre (VDEC). Staff and student support, projects and consultancy work.
Wattbox Plc Jim Oswald, Henry Oswald, Steve Tamsett henry@oswald.co.uk	Advanced Smart Heating Controller	The Wattbox is a new patented heating controller for residential and small commercial buildings. It is an intelligent self learning time clock and temperature controller. It controls space heating, water storage, CHP boiler and solar panels. It replaces the traditional time clock and is ideal residents who struggle to manually set time clocks. With two successful prototypes running, we are looking to install mark 3 into a larger number of properties, allowing us to collect further data on the levels of savings attained across a broad range of demographics.