



# Network

**News**

**September 2007**

## **Future AECB Board Members**

The directors are looking to strengthen the AECB board with the co-option of two additional members. Board membership requires members to have been fully paid up members, or a representative of a member organisation, for the past 12 months.

If you feel you could provide a positive contribution in policy development and donate time to core running of AECB activities, then we would like to hear from you. Board members must be eligible in law to become company directors. Board posts are unpaid, however basic out of pocket expenses are reimbursed, such as travelling to meetings on AECB business.

This is an exciting period for the AECB, which has embarked on a number of challenging projects that are projecting the association's growing profile as an organisation of increasing influence and an industry pioneer of sustainable construction. If you have a particular skill or area of expertise that you feel the AECB could benefit from, then please contact Peter Wilkinson (Company Secretary and Secretary of the Board) in the first instance, Tel; 012820 844487 or Email [peterwilkinson@aecb.net](mailto:peterwilkinson@aecb.net)

## **Mark Orme (Architect)**

We have just received the sad news that Mark Orme, long standing AECB member and excellent green architect, whose practice is based in Glastonbury Somerset, has died of cancer at a very young age.

The funeral is in Wells on Tuesday September 4

## **Design Revolution To Solve World's Most Pressing Problems Launched**

On the occasion of the 112th birthday of one of the 20th century's most prescient futurists and global thinkers, The Buckminster Fuller Institute (BFI) announces the launch of the first annual Buckminster Fuller Challenge.

Established to catalyze the vanguard of a global design revolution, the Challenge will award a single \$100,000 prize annually to support the development and implementation of a solution with significant potential to solve the world's most pressing problems in the shortest possible time while enhancing the Earth's ecological integrity.

Entries will be accepted beginning September 4th, 2007. The first prize will be conferred in June of 2008, timed to coincide with the opening of the first major retrospective exhibition of Buckminster Fuller's work in the US at the Whitney Museum of American Art in New York City.

Fuller imposed his own self-discipline and novel way of thinking in a deliberate attempt--as poets and artists do--to change our perception of the world. Fuller insisted throughout his life that humans have a destiny to serve as "local problem solvers" converting their experience to the highest advantage of others. After decades of tracking world resources, innovations in science and technology, and human needs, Fuller asserted that options exist to successfully surmount the crises of unprecedented scope and complexity facing humanity. He issued an urgent call for what he termed a design science revolution to make the world work for all.

The Buckminster Fuller Challenge is a program of the Buckminster Fuller Institute. The Buckminster Fuller Institute serves as a catalyst for the design and implementation of breakthrough strategies for achieving a sustainable future.

Solutions should be: Comprehensive, a clear demonstration of holistic systems thinking – Anticipatory, projectively tracking critical trends and needs; identifying and assessing long term consequences of proposed solutions – Ecologically responsible reflective and supportive of nature's underlying processes, patterns and principles – Verifiable — able to withstand rigorous empirical testing – Replicable capable of being readily undertaken by others – Achievable likely to be implemented successfully and broadly adopted.

Entries accepted September 4th - October 30th, 2007. This is a program of The Buckminster Fuller Institute. Contact us at: [challenge@bfi.org](mailto:challenge@bfi.org) or visit <http://challenge.bfi.org>

## **Construction Resources & Waste Platform Website Launched.**

[www.crwplatform.co.uk](http://www.crwplatform.co.uk) – A one-stop shop for construction waste policy, events, news and publications. The site also contains an Information Database feature with detailed information on research organisations, legislation that affects the industry, tips on how to reduce waste, details of trade bodies and professional organisations and issues relating to construction waste.

The Data section provides information on a range of data sources which have been gathered to investigate the extent and availability of data and statistics relating to construction waste and resource efficiency. All the information on the site is

regularly updated, ensuring the industry is kept up to date with the latest news and developments in the construction waste sector.

### **Images Of The Effects Of Global Warming**

For the last 7 years Alice Cooper has been recording the impact that global warming is having across the world. Recently she launched [www.globalwarmingimages.net](http://www.globalwarmingimages.net), the worlds largest web based resource of photographs that depict many aspects of global warming/climate change.

The site includes the impacts on animals, plants and humans, including threatened communities like the Inuit on Shishmaref or the Pacific islanders on Tuvalu. It covers glacial retreat, permafrost melt, sea level rise, forest fires, floods, extreme weather, energy usage, solutions, science, education and much much more.

This will be an invaluable resource for those who are interested in global warming/climate change. As part of her commitment to furthering the cause, the site offers a 30% reduction in repro fees to all educational institutes and charities and NGO's that campaign against or study climate change.

### **ACR+ And London Remade International Conference On Waste And Climate Change – Call For Papers**

The Association of Cities for Recycling and Sustainable Resource Management (ACR+) and London Remade will jointly host an international conference on waste and climate change. The conference will take place on Thursday 31st January and Friday 1st February 2008 in London, UK. This international event aims to provide information on the comparative contributions to climate change of various waste management options including: Prevention - Recycling - Energy recovery - The treatment of organic waste.

The conference will present assessment methodologies and the outcome of recent studies on the issue. This is a call for papers for the conference. All those who have developed an expertise or have realized studies on the issue are invited to submit papers. Scientific, technical and political perspectives are required. Potential contributors include: Representatives of waste management authorities at local, regional and national levels -Waste management experts - Waste management companies - Researchers and scientists involved in the development of life cycle assessment analysis - Universities, consultancies and government involved in planning and waste management policy - Technology providers.

Abstracts should be in as soon as possible, and no later than 30 September 2007. For further details please contact F. Radermaker from ACR+ email [fra@acrplus.org](mailto:fra@acrplus.org)

### **UK-GBC Takes Lead Role In Developing Roadmap To Zero Carbon For New Non-Domestic Buildings**

The UK Green Building Council (UK-GBC) is leading a project on behalf of DCLG to investigate the costs and benefits of raising the energy performance standards in new non-domestic buildings above current Building Regulations to drastically cut carbon emissions.

The project findings, to be delivered in October, will feed into the DCLG-led Green Commercial Building Task Group and inform the development of proposals for a roadmap to zero carbon. A number of UK-GBC's most relevant members from across the industry will be involved including: Arup, Atelier Ten, BRE, Fulcrum Consulting, Land Securities and University College London.

UK-GBC members will set the vision for zero carbon by developing a series of example 'typical building' energy ratings and will be considering both the energy rating of the fabric of the building – covered by Part L of the Building Regulations, and the energy consumption profile relating to its use, and then developing a way to draw them together to deliver a new energy rating for the entire building.

The project will also explore the assumptions around the definition of 'zero carbon' for new non-domestic buildings and make it as consistent as possible with the definition within the Code for Sustainable Homes.

### **Rounded Developments Enterprises Promoting Sustainable Building in Wales.**

A not-for-profit company based in Cardiff is a small organisation at present, but have big ideas and want to develop the capacity of the organisation to deliver them. As such we are looking to widen the set of skills and experiences within the board. There are currently six members on the board but we wish to increase this to about 10 in due course. Our structure is very flexible and dynamic and this enables us to respond quickly to demands and provide flexible delivery.

We have a number of very promising projects in the pipeline inc. the development of an Innovation Park in Cardiff (in partnership with BRE and a local charity) and are a partner in developing new unfired cementitious bricks and blocks with the University of Glamorgan. We also provide goods and services in support of sustainable building (we run a small shop and provide consultation services) from our Sustainable Building Centre in Splott, Cardiff.

We are looking for committed people with the skills, vision and enthusiasm to make sustainable building happen for all; from the DIYer to the mainstream builder. We are especially interested in people from: construction trades and professions; training and education; finance; research; and social enterprises.

Please visit [www.rounded-developments.org.uk](http://www.rounded-developments.org.uk) to gain a bit more information about RDE and what it is doing.

### **Findhorn's Renewable Energy Projects**

The wind energy project started in 1989 when we erected a Vestas V17 75 kW wind turbine. This turbine, named Moya after the Sesotho word for 'wind and spirit', has been extremely successful and reliable, providing about 20% of the electricity needs of the Findhorn Ecovillage. This initial phase was financially successful, repaying the initial investment of £75,000 in approximately only five years.

We have now erected three additional second-hand Vestas V29 turbines ('The Three Graces'), each capable of delivering 225kW and giving a total installed capacity of 750 kW. With support from the Scottish Community and Householder Renewable Initiative our planning application was submitted in June 2004, and we received a planning permit in January 2005 after a public hearing. The expansion undertaken by Findhorn Wind Park Ltd has cost £605,000. The project investment came from NFD Ltd (which operated the original turbine), Ekopia Ltd (our development trust) and Caledonia Renewable Energy Co-operative, which is part of the Energy4All group. Construction was completed by DMH Blacksmiths of Inverness in January 2006 and commissioning was completed in the following March.

These additional turbines make us net exporters of electricity. About 65% of the electricity produced will be used on site via our private grid, and the remainder will be distributed to the main grid. Our next steps will include investigating the potential of a microprocessor controlled load management system. This will match energy loads with available wind energy, and will help to maximise our use of wind energy and minimise the amount of energy sold through the national grid. Ultimately, it may be possible to include light boards in homes and work places which indicate when cheaper, wind produced electricity is available. Research into the potential of production and use of hydrogen fuel cells is something we also intend to explore in the future.

In a recent study of the community's current energy consumption we found we are now using renewable energy for about 28% of our needs. This takes into account the element of hydro power in our current mains supply as well as our own wind turbines' production, the use of firewood for backup and primary heating, and the elements of active and passive solar design in new buildings. The balance still comes largely from fossil fuels. Our goal is to continue to increase the percentage of our ecovillage's energy needs produced from renewable sources.

### **Leukaemia And High Voltage Transmission Lines**

A parliamentary inquiry set up to examine the association between High Voltage Overhead Transmission Lines and an increased risk of childhood leukaemia has published its recommendations to government. Top of the recommendations is a moratorium on the building of new homes and schools within at least 60 metres of existing Transmission Lines of 275 kV and 400 kV.

<http://www.newbuilder.co.uk/news/NewsFullStory.asp?ID=2078>

### **Eco-Towns, A Mandatory Code, Water And Part L...**

The government's latest thoughts on how its proposed 'eco-town' developments might take shape were published as a 'prospectus' this week. Based on a competitive bidding process, which amounts to a design competition for zero-carbon communities, the initiative is expected to produce at least five new communities of 5-20,000 homes each.

As the super-green version of the New Growth Points planning policy, the eco-towns will be expected to have their own sense of identity, achieve zero carbon across the whole development, provide 30-50% affordable housing as well as community, retail and business space, and be supported by a delivery organisation that will go on to support and manage the town.

Also published to coincide with the housing Green Paper are:

- A consultation paper on making the Code for Sustainable Homes mandatory - that's a mandatory requirement to produce a rating, rather than meet a particular level of the Code.
- A pamphlet on forthcoming revisions to Part L of the Building Regulations and the key issues expected to arise during the planned revisions in 2010 and 2013.
- A policy statement on how the government plans to introduce new water efficiency standards for new buildings.

All of these papers, including the Green Paper, can be found on the CLG's What's New page at <http://www.communities.gov.uk/index.asp?id=1015390>.

Source: RIBA Practice Bulletin - No. 408 (26 July 2007)

### **Chancellor Angela Merkel Launches A New Climate Initiative**

On her visit to Japan, Chancellor Angela Merkel has made a new proposal for reducing global emissions of greenhouse gases. She suggested that CO2 emissions should be measured in terms of population numbers. On her second day in Japan the Chancellor was received by Emperor Akihito with him too she discussed climate protection.

According to Merkel's proposal, CO2 emissions would be measured per capita. The maximum CO2 emissions of a country would thus be measured in terms of population numbers. The larger the population of a country, the more CO2 the country would be permitted to emit. This would mean that every individual in the world would be entitled to emit the same volume of carbon dioxide.

To date only the absolute CO2 emissions have been taken. Using these measurements both Germany and China for instance are two of the world's worst producers of CO2 emissions. It is not enough for everybody to claim that they are "doing their best", said the Chancellor at a symposium organised by the Nikkei media business.

We need "qualifiable reduction goals" for emissions of the greenhouse gas carbon dioxide. Per capita CO2 emissions meet in the middle. In her proposal, Merkel presupposes that the industrialised countries cut their share of energy consumption as far as possible, thus reducing per capita emissions of carbon dioxide. The emerging economies, on the other hand, need to grow if they are to reduce poverty. The downside is, of course, that their emissions of CO2 will continue to rise in the years to come. In the final analysis the per capita emissions in emerging economies will meet those of industrialised countries.

If the emerging economies were to accept this proposal, they would face the task of stopping the rise in their CO2 emissions. This is possible with "intelligent growth", explained Merkel thinking of the most modern of environmental technologies many of which come from Germany. With Merkel's proposal, the emerging nations with rapidly expanding economies could be brought on board the global climate negotiations scheduled for 2009. The Chancellor also pointed out the vitally important role of the USA.

If the USA refuses to be part of the follow-on agreement to the Kyoto Protocol, India, China and other high-emission countries too will walk away. The Kyoto Protocol expires in 2012. The aim is to halve global CO2 emissions by 2050. To achieve this objective, every country in the world must pull its weight otherwise average temperatures around the globe are set to rise by more than two degrees. This would be a climate disaster which could no longer be brought under control, as evidenced by scientists in the IPCC study published a few weeks ago.

IPCC study: <http://www.ipcc.ch/>

### **Germany Shows The Way With PVs.**

While a new report from the Centre for Alternative Technology says Britain could, with sufficient will and effort, go zero carbon in only 20 years, Germany's figures put the British government's claims to be leading the world on climate change into perspective. Germany has 200 times as much solar energy as Britain. It generates 12% of its electricity from various renewables, compared with 4.6% in Britain. It has created a quarter of a million jobs in renewables - a number that is growing fast. Britain has only 25,000, a number that represents the amount of jobs created in the industry in Germany in the past year alone.

Freiburg, a town of 200,000 people in the Black Forest, has almost as much solar photovoltaic (PV) power as the whole of Britain. Dr Dieter Wörner, director of Freiburg's environmental protection agency, admits that such is the competition among German towns that Ulm has just overtaken Freiburg as solar capital of the world.

The secret of German success is the "feed-in tariff" (FIT). Anyone generating electricity from solar PV, wind or hydro gets a guaranteed payment of four times the market rate - currently about 35p pence a unit - for 20 years. This reduces the payback time on such technologies to less than 10 years and offers a return on investment of 8-9%. The cost is spread by generating companies among all users and has added about one cent/kwh to the average bill, or an extra €1.50 (£1) a month. The Germans introduced the FIT in 1999 and tweaked it in 2004, since which time things have gone mad. FITs have now been adopted in 19 EU countries, and 47 worldwide, but not in Britain. German renewables firms are now world beaters and the German economy has been strengthened, not weakened, by a rush into renewables.

Britain, by contrast, has a few installation companies mainly importing German equipment. At the recent Intersolar trade fair in Freiburg, the air was heady with talk of expansion, cutting-edge technologies and intense competition. And everyone says the reason is the FIT. In Britain, going green is neither easy nor cheap. The government's stop-go attempts to stimulate renewables have made it difficult for anyone to make long-term decisions. Britain's renewables industry has struggled as grants for new technologies have been plagued by problems and were recently even slashed by the DTI, now renamed DBERR (Department for Business, Enterprise and Regulatory Reform). The DBERR has also restricted the list of companies it permits to carry out renewable installations, keeping prices of new technologies higher than they need be.

The government's main form of support is the "renewable obligations" system, which forces electrical generators to source a growing share of their power from renewables. Though it has had some success promoting offshore wind power, it has had little impact on microgeneration, solar power in particular. In an acknowledgement of this, the government is considering introducing banding for different technologies, but not until 2009.

Experts say it is not delivering fast enough and a campaign for a feed-in tariff is growing, although the government dismisses FITs as too "interventionist". Some British towns, frustrated at the lack of action by central government, have taken matters into their own hands. The London Borough of Merton introduced the now legendary "Merton rule" requiring any new developments to contain technology that generates at least 10% of their energy from renewables. Many councils have adopted it and some have raised the bar to 20%.

One of the UK's greenest towns is Woking, Surrey. It began moving into renewables a decade ago and now has combined heat and power and fuel cell systems providing heat and electricity to many buildings in the town centre and 600kw of installed solar PV - about 5% of Britain's total.

Pressure is growing on the government to adopt the feed-in tariff support system used in Germany and nearly 50 other countries, and now favoured by the Conservatives and Liberal Democrats. Under the German system anyone generating electricity from solar PV, wind or hydro is guaranteed a payment of four times the market rate for 20 years. The system boosts take-up by consumers by reducing the payback times on such investments to less than 10 years - compared with 25 or 30 years in Britain - and gives industry the certainty of long-term demand to make it worthwhile investing in new factories.

Full story at <http://business.guardian.co.uk/story/0,,2132527,00.html>

## **Events**

### **The Building Limes Forum Annual Conference**

The Building Limes Forum are having their annual conference in conjunction with the Nordisk Forum for Byggningskalk (Nordic Limes Forum) at the Old Royal Naval College in Greenwich over 14th -16th September 2007. In addition to this there are three supplementary events which may be of interest:

Designers' and Specifiers' seminar on "The Use of Lime Mortars and Renders" – One-day seminar on Thursday 13th September at the above venue. Lime mortars and renders are essential for pre-1918 buildings, but also of real use in new sustainable construction, allowing flexibility and breathability. However, there is a wide range of lime binders available, and little available information on their selection and proper use. This seminar will be suitable for architects, surveyors, engineers etc. and aims to demystify the subject and to provide access to clear information to enable knowledgeable use and specification of these materials, including an insight into correct workmanship to enable confident site inspections. The day will conclude with an introduction to hemp-lime for carbon-negative construction. Fee £200, including lunch, and allowing visits to the adjacent "Lime Fair" (below).

"Lime Fair" – Over four days from Thursday 13th to Sunday 16th September in the grounds of the Old Royal Naval College, Greenwich, and in conjunction with London Open House weekend. This will include exhibition stands, displays and practical demonstrations by lime manufacturers, suppliers and skilled craftspeople into the use of lime for the repair of historic buildings, and for new breathable, sustainable construction. Including examples of hemp-lime construction. Access to information for all those interested in the nature and correct use of these materials, the possibilities they offer, and their limitations. Of relevance to specifiers, builders and interested building owners. Free to all.

BLF annual dinner and Baker Memorial Lecture – In the evening of Saturday 15th September the BLF's annual dinner will be held in the Painted Hall at the Old Royal Naval College, Greenwich. This will be preceded by the annual lecture in memory of Professor Robert and Eve Baker, this year to be given by Professor Tom Woolley. Tom Woolley is an architect and leading commentator on issues of sustainability. He considers the UK Government and mainstream construction industry has substantially failed to respond to the sustainability imperative by concentrating too much on matters of microgeneration, and far too little on the materials from which buildings are actually constructed. In this lecture he will explore positive ways of addressing this balance. Tickets to the dinner and lecture are available at £80 each.

More information on all of the above (including booking forms) and on the work of the Building Limes Forum, can be found at [www.buildinglimesforum.org.uk](http://www.buildinglimesforum.org.uk)

#### **Greenbuild 2007 – 15<sup>th</sup> And 16<sup>th</sup> September.**

This is the 4th Greenbuild event that the District Council have run in North Norfolk and I am delighted that our partners at the National Trust have allowed the use of the grounds of Felbrigg Hall this year. We have steadily increased the number of visitors and Felbrigg will allow us to continue this trend, especially as the Environment and all things associated with sustainability become more important to us all.

We have also widened our programme this year and whilst we are still focused on sustainable building, we have expanded this to include the built environment as a whole. We are looking especially at ways in which individuals can improve their own environmental impact by looking at green lifestyle issues.

This year the Council itself is also taking a higher profile at Green Build. We have made the environment one of our top priorities and try to put it at the centre of everything we do. Officers from several of our key services are at Felbrigg this year to show you what they are doing to protect and enhance the wonderful built and natural environment we are lucky enough to have here in North Norfolk.

More information at [www.northnorfolk.org/greenbuild/](http://www.northnorfolk.org/greenbuild/)

#### **Yorkshire And Humber AECB Regional Group Meeting – Wed 19<sup>th</sup> Sept.**

Come and join us for the second regional AECB event and enjoy an evening of presentations from leading researchers in the field of sustainable building.

Event held 6 – 8pm on the 19<sup>th</sup> September in Room NT118, Civic Quarter, Leeds Metropolitan University. For more information please contact Claire Walker on 0113 8127623 or email [c.walker@leedsmet.ac.uk](mailto:c.walker@leedsmet.ac.uk). For directions go to [www.leedsmet.ac.uk/as/benv/leedsmet\\_built\\_environment.pdf](http://www.leedsmet.ac.uk/as/benv/leedsmet_built_environment.pdf)

#### **Construction And Sustainable Communities (Putting Construction At The Centre)**

Wednesday 19 September 2007, £165 (lunch included), The Genesis Centre, Somerset College of Arts and Technology, Taunton, Somerset

This seminar primarily focuses on identifying the elements of a sustainable community, the key themes associated with these and how sustainable construction relates to and, arguably, governs the success or failure each of the strands. To reinforce this, two case studies, Cranbrook in Devon and Buckland Newton in Dorset, will be presented and discussed with a view to highlighting the pros and cons of trying to deliver sustainable communities in the present construction climate.

This CPD sets out to highlight the vitally important role of sustainable buildings/construction in achieving truly sustainable communities. From planning through to design, construction, operation and eventual demolition/disposal, sustainable construction is vital to the success or failure of creating sustainable communities.

Through examination of the component parts, outlined in the programme below, it is hoped that attendees will acquire an understanding of the inseparable nature of sustainable communities and sustainable construction.

For booking details, please contact Gillian Hawkey tel: 01823 252934 [gillian.hawkey@somerset.ac.uk](mailto:gillian.hawkey@somerset.ac.uk)

#### **One Planet Products Launches Its Training Event On One Planet Living For Residential Development**

Sustainable construction specialists, One Planet Products are running a one day training event to help the UK residential development industry play their part in achieving sustainable resource use and One Planet Living. Increasingly becoming an important consideration for anyone involved in residential housing development, the One Planet Living framework has

been adopted by the Housing Corporation as part of their 2012 commitments, and is supported by DEFRA. Speakers at the event will include key representatives from BioRegional Development Group, the Housing Corporation, BioRegional Quintain Ltd, a leading developer of One Planet Living Communities, and Sustainable Homes.

The CPD event will give delegates an introduction to the concept One Planet Living and each of the 10 guiding principles, look at the process of planning a One Planet Living development, provide examples of 3 current UK developments which utilize the One Planet Living framework, as well as looking at the future of residential construction and sustainability.

The event will also provide practical suggestions for how businesses can engage and incorporate One Planet Living in their developments, including an interactive session from One Planet Products on how to select construction materials and products which help apply the One Planet Living principles. Delegates will have the opportunity to raise questions throughout the event and to the expert panel during the dedicated Q&A session.

The CPD event will provide 4 hours of CPD training and will be held on 20th September 2007 at BedZed in Surrey. For further details on the CPD event and One Planet Products please contact Antonin Pujol on 020 8404 5044 or email [ap@oneplanetproducts.com](mailto:ap@oneplanetproducts.com), or visit [www.oneplanetproducts.com](http://www.oneplanetproducts.com)

### **BIOENERGY 2007 20th – 21st September, Said Business School, Oxford**

Registration is now open for the Renewable Energy Association's BIOENERGY 2007, supported by TV Energy. With sessions planned to tackle the hotly debated food versus fuel issue, as well as a packed programme examining policy, sustainability and innovation in the sector, this event is not to be missed. Last year's event saw over 350 delegates and this year's event, with its easily accessible location and improved networking opportunities looks set to top those numbers.

Exhibition spaces are booking up quickly. For more information on registering, sponsoring or exhibiting please contact [lsleeper@r-e-a.net](mailto:lsleeper@r-e-a.net) or visit [www.r-e-a.net](http://www.r-e-a.net)

### **Sustainable Building, Construction And Energy Harvesting Technologies**

1st Workshop to be held on 24th September

eco-i net ([www.cfsd.org.uk/eco-i-net](http://www.cfsd.org.uk/eco-i-net)) - network for eco-innovation - at The Centre for Sustainable Design ([www.cfsd.org.uk](http://www.cfsd.org.uk)) in association with NPL ([www.npl.co.uk](http://www.npl.co.uk)) will facilitate two high level workshops on the opportunities and obstacles to eco-innovation in relation to sustainable building, construction and energy harvesting technologies. The leading-edge speakers will provide their visions about future challenges and business opportunities.

The workshops will be of interest to all those interested in products, innovation and sustainability and will include developers, builders, contractors, manufacturers, entrepreneurs, consultants, venture capitalists, architects, designers, government, housing associations and academics.

Visit conference website at [www.cfsd.org.uk/events/tspd12](http://www.cfsd.org.uk/events/tspd12)

### **Planning and Housing for the South East Region Conference & Exhibition**

26th September 2007 - Jury's Inn Hotel, Milton Keynes

This is a joint event with the CIH and RTP1 which will focus on the key issues associated with the role of the planning system in delivering affordable housing in the South East region. This event will look at the interface between planning and housing, how the latest guidance and recommendations are being viewed and implemented; and seek to consider examples, good practice and lessons learnt from experience at local and regional levels from various perspectives.

This conference will be an excellent opportunity for your organisation to be represented and to promote your products and services to both senior and front line staff. Exhibition stands will be located next to the main conference room; refreshments will be served in this area, which will give high visibility and maximum exposure to delegates throughout the day. The conference offers a variety of sponsorship and exhibiting opportunities to help you create a lasting impression on a large number of current and potential customers.

If you would like further information, please contact [Jodie.willis@cih.org](mailto:Jodie.willis@cih.org) or 02476 851772

### **Introducing Zero Carbon Construction – 26th September 2007 9.30 am – 5.30 pm**

The conference will clarify "Zero Carbon" with the latest on policy in the region and examples from national pioneering designers and developers for developers.

The event will cover the different design solutions and technologies available to achieve the required level of energy efficiency and renewable energy generation, and discuss the regional and local policy changes that will steer the move towards zero carbon homes and buildings as set out by government.

This conference will bring together policy-makers, developers, surveyors, local planners and building professionals to understand the new policy and show how these issues are being addressed in practice.

Genesis Centre, Somerset College of Art and Technology, Delegate fee - £90 (+VAT)

For more information go to [www.ecostrust.org.uk/seminars.html](http://www.ecostrust.org.uk/seminars.html) or email [cara@sustainablehousing.org.uk](mailto:cara@sustainablehousing.org.uk)

### **Llanidloes Green Fair, 20 – 21<sup>st</sup> October.**

Llanidloes Energy Solutions is organising a Green Fair over the weekend of 20th / 21st October 2007. The focus is on sustainable lifestyles, sustainable building and energy, with trade exhibitions, outdoor market, cooking demonstrations, children's activities, music night featuring local musicians, and much more. There is a brilliant line up of speakers including

George Monbiot, Patrick Holden, Colin Tudge, Molly Scott-Cato, Peter Harper and George Marshall. To finish off the w/e there will be an 'Environmental Any Questions' on Sunday afternoon, with a panel of speakers and Mick Bates AM as chair.

For more information visit [www.lles.co.uk](http://www.lles.co.uk).

### **The Sustainability Show 2007 - O2 Arena In London, October 26 -28**

This will showcase everything sustainable. It is open to the public, free to visit and expects 50,000 visitors over three days.

The show covers these key areas;

- Earth and Energy - Wind, Solar, Wave and Conventional Energy, Water Saving, Recycling,
- Insulation and Heating and Building Low Carbon Homes.
- Travel & Communication – Hybrid & Alternative Energy Cars and Motorbikes, the Internet,
- Boats and Bicycles.
- Health & Wellbeing – Ethical Holidays, Ethical Fashion & Cosmetics, Food & Drink.
- Investment – Ethical Investment, Grants, Carbon Trading & Employment and Careers

If you'd like to exhibit at this show The Renewable Energy Centre can exclusively offer you a 20% discount on the exhibition space, and the normal exhibitor registration fee of £100 will be waived. All you need to do is quote the code TREC/DM when contacting the organisers to book your space.

To claim this offer and for further information visit [www.TheSustainabilityShow.co.uk](http://www.TheSustainabilityShow.co.uk) or call David Miall on 01732 789682.

For more information on the centre visit [www.TheRenewableEnergyCentre.co.uk](http://www.TheRenewableEnergyCentre.co.uk)

### **HISE 2008**

HISE (Housing Innovation & Solutions Expo) is once again running in response to feedback from our Building, Construction and Refurbishment contacts within the Scottish Housing Sector who are looking for a cost effective & efficient way to target prime, lucrative markets across the country.

The HISE Exhibition 2008, will focus on best practice and innovative, high quality products and materials across the spectrum of house building, meeting specifiers' urgent needs for new and inventive ways to achieve better housing design and comply with challenging legislation, whilst providing suppliers with a unique showcase for their innovative housing solutions.

HISE will run over one day, and with over 7,000 hand picked personnel being targeted by personal invitation ONLY, we can ensure that attendance is restricted to those with specification and purchasing responsibility within the building and construction market.

Don't miss out on this fantastic opportunity to showcase your innovative house building solutions to THE top level specifiers across Scotland! HISE 2008 will take place on the 25th January at Glasgow's Hampden Park.

For full details on how to attend and who will be visiting HISE visit [www.hise.co.uk](http://www.hise.co.uk)

## **Courses**

### **Amazonails Courses**

Strawbale Building Courses, Near Stansted, Essex - Various Course lengths between 10 – 25 September

£110 - £295 including accommodation and food.

All our courses, details and further information can be found at [www.amazonails.org.uk](http://www.amazonails.org.uk)

### **Masonry Stove Building Workshop 10th - 14th September 2007 Findhorn, Scotland**

The aim of this course is to give participants the knowledge and practical hands-on experience to enable them to build their own masonry stove, irrespective of prior experience or skills. Led by two of the best stove makers in the world, Lars Helbro and Frank Rødgård from Denmark, we will build a stove together at my house at the Findhorn Community in North Scotland.

For more info go to [www.findhornstove.talktalk.net/MyWebsite/](http://www.findhornstove.talktalk.net/MyWebsite/)

### **Two Forthcoming HHP Master Classes This Autumn**

Thurs 18th Oct 2007 - HHP- A Practical Case Study of Sustainability

Launched in 2005, this workshop provides an opportunity to get an in-depth understanding of the technical design and practical construction issues considered for the HHP homes and Sustainable Resource Centre. We have now run over 20 of these workshops. This event will be of particular interest to developers, self-builders, landowners, planners, architects, buildings services engineers, and other building professionals.

Delegates will gain: an appreciation of the practicalities of building sustainably - an understanding of strategies and technologies for ultra low energy building and 'zero heating' design - a comprehension of the differences between high thermal mass build and lightweight timber frame construction - knowledge of the potential solutions and strategies for delivering a zero carbon and autonomous development through renewable energy technologies, and water systems (collection and waste), and how they can be incorporated into buildings - an insight into what it is really like to live in eco homes and to live sustainably.

Thurs 20th Sept 2007 - The Practicalities of delivering Zero Carbon Homes

This workshop will help you to understand more about the new challenge of zero carbon housing and to develop with HHP, and others on the workshop, plans for achieving practical solutions. This event will be of particular interest to developers, self-builders, landowners, planners, architects, buildings services engineers, and other building professionals.

Delegates will gain: An overview of government targets for zero carbon homes based on the recent launch of the Code for Sustainable Homes - an understanding of the impact of these targets for future development and what are the key principals for delivery of zero carbon homes - an appreciation of the realistic practicalities of achieving zero carbon housing - an understanding of strategies and technologies for ultra low energy use in buildings - knowledge of the potential solutions and strategies for delivering a zero carbon and autonomous development through renewable energy technologies, and water systems (collection and waste), and how they can be incorporated into buildings - an insight into what it is really like to live in zero carbon homes and to live sustainably.

For more information go to [www.hockertonhousingproject.org.uk](http://www.hockertonhousingproject.org.uk)

## **Publications**

**Earthships – Building a Zero Carbon Future for Homes, Mischa Hewitt and Kevin Telfer, IHS BRE Press. ISBN 978-1-86081-972-8 £25.00**

A new book from IHS BRE Press charts a path for sustainable construction. There is an urgent need for radical and widespread change in construction that not only concentrates on cutting carbon emissions and leaving a positive building legacy for generations to come, but that also demonstrates an increased harmony with the natural world. A new book from IHS BRE Press by Mischa Hewitt and Kevin Telfer, Earthships – Building a Zero Carbon Future for Homes, shows how earthships provide valuable lessons on how to achieve all three of these goals.

The book charts the building of the first earthships in the UK and their relevance to home building and architecture generally. It offers lessons about sustainable architecture and about the legislative and regulatory culture that affects their construction by looking at energy, water, building with waste, and construction methods, and assessing the future of these buildings.

**The Eco House Manual - How To Carry Out Environmentally Friendly Improvements To Your Home**

Nigel Griffiths £19.99, Hardback, ISBN: 1 84425 405 4 - Published by Haynes

This manual is designed to help homeowners alter or renovate their properties in ways which will reduce their impact on the environment and, ultimately, benefit themselves. A wide range of subjects is covered including construction materials, insulation, heating, electricity use, water supply, waste and pollution. There are sections to help you work out how well (or badly) your house is insulated and how long a wind turbine will take to pay for itself. Grants that may be available are covered as are building regulations and planning permission. A section deals with gardens – everything from composting to encouraging wildlife.

## **Vacancies**

**Architectural Technician (Or Part II Architect)**

The above is wanted for varied and interesting environment friendly schemes. We are a long established small practice, based in a coastal village in North Devon.

A sound knowledge of building techniques and regulations; preferably with Archi Cad and Auto Cad skills, but good communication skills essential. Some training possible.

Salary negotiable, dependent on skills and experience. Please send your CV and salary requirements to [clivejones@waitrose.com](mailto:clivejones@waitrose.com)

*If you have any news, events or courses you would like to publicise in Network then please email details to [network@aecb.net](mailto:network@aecb.net), phone 0845 456 1290, or post to Chris Lord-Smith, y Graig, Lliidiart-y-Waen, Llanidloes, SY18 6JT.*