



Business Council for Sustainable Development United Kingdom



BCSD-UK UPDATE – April 2009

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Special 10th Anniversary Business Summit Edition



In This Edition:

(Click headline for fast link to article)

“The challenge is to find new business models”

Tom Foulkes, Director General, ICE

“The challenges keep coming and change is all around us”

Jeff Tetlow, Chairman, BCSD-UK

“We must not only supply energy but the context of sustainable energy”

Paul Warwick, President, Europe and West Africa, ConocoPhillips

“The Government ethos must be to be your partner in delivering solutions”

Charles Hendry, Shadow Minister for Energy

“You should be proud how you used this session as a laboratory”

Per Sandberg, Project Director, WBCSD Vision 2050

“We need to move more into delivery and implementation”

Isabel Dedring, Director of Environment, Mayor’s Office, Mayor of London

“We have selected two major things to pursue but energy from wind though clearly necessary is not in the nature of what we do”

James Smith, Chairman, Shell UK

“There’s a concern that the green agenda might be forfeited”

Ken Dalton, Group Chief Executive, AECOM Europe

“The progression of scientific evidence – scarcity - failure to spread wealth – peak greed - business as usual has had its day – the systemic failure of CSR in the financial sector”

**Jonathon Porritt
in a vintage performance**

Summit Video

All speakers and the World Business Council interactive session captured on video. Available ON REQUEST free of charge to Summit sponsors, speakers and paying delegates. £100 plus VAT to others.

BCSD-UK Guide To Decentralised Energy – launched by Mark Saunders of E.ON

Carbon Trading Pilot in Yorkshire & Humber – reported by Richard Hall, Programme Director, Carbon Action Yorkshire

BCSD-UK Low Carbon Workshops Report – launched by Richard John of AECOM

BCSD-UK Food Security Think Tank – reported by Richard Heathcote, Scottish & Newcastle

**BCSD-UK Young Business Leaders
Project – progress reported by Hugh
Williams, Ecotec/Ecorys**

**New Business Model Think Tank –
report launched by David Middleton, CEO,
BCSD-UK**

Other News



World Business Council for
Sustainable Development

Chosen almost a year ago, the title of the World Business Council for Sustainable Development's ANNUAL REVIEW 2008 can now be seen to have been truly prophetic. "What a way to run the world" is not only a celebratory reflection of WBCSD activity across the planet, but is a good read, informative and inspiring. Download via www.wbcsd.org/web/ar2008.htm.

Laing O'Rourke joins BCSD-UK	Next BCSD-UK General Meeting 28th April - Birmingham CRC and Carbon Trading
BCSD-UK Workshop, 29th April – Leeds POST CARBON BUDGET APPRAISAL	At the Tote Suite, NEC Birmingham, 21st May RACTA 09 Renewables And Clean Technology Audit
BCSD-UK Best Practice Visit - Report	ScotAsh Scoops More Awards
Carbon Footprint Sustainable Supply Chain Summit - 29th - 30th April 2009 Hilton Metropole Hotel in London	DEFRA consultation on revised waste exemption
Sustainable Supply Chain Construction Summit 18th – 19th May 2009 Business Design Centre in London	Technology Strategy Board Press Release



**“A very interesting and thought provoking Summit.
I had a very productive day”
– Patricia Wainwright, Group Advisor,
Environment and Corporate Responsibility, Amey**

**“I found the whole experience uplifting and inspiring”
- Mike Batcheler, Sea Change Leadership & Team Development Ltd**

**“It was a cracking meeting - immensely valuable”
- Dr. John Hancox, Environmental specialist, Rolls-Royce**

Summit Report

The BCSD-UK 10th Anniversary Business Summit, hosted by the Institution of Civil Engineers at One Great George Street, Westminster on March 26th and sponsored by ConocoPhillips; Faber Maunsell/AECOM; Carbon Action Yorkshire; E.ON and Shell UK marked the occasion in suitable style and relevance. A line up of pre-eminent speakers from the worlds of both business and government reflected on the challenges – and the opportunities – we confront. BCSD-UK members reported on project progress.

Tom Foulkes, Director General of the Institution of Civil Engineers said *“Once again science, engineering and business will need to work together to ensure we rise together to meet the greatest challenges of all time”*.

Jeff Tetlow, Chairman, BCSD-UK *“It has always been interesting, the challenges keep coming, and change is all around us.”*

Paul Warwick, President, Europe and West Africa, ConocoPhillips *“We must not only supply energy but the context of sustainable energy”. “Clearly we have to solve global warming.” “Fossil fuels will remain essential for many decades to come.” “We need to create a more resource efficient and low carbon economy.”*

Jonathon Porritt, Chairman, Sustainable Development Commission in a vintage performance talked about the progression of scientific evidence, scarcity, failure to spread wealth, peak greed, and “business as usual has had its day”. He especially put the concept of CSR under the microscope and called it a systemic failure in the financial sector. Jonathon launched the BCSD-UK “Anniversary Appraisal Portfolio” – views from a wide range of people assessing progress towards sustainability in the last 10 years. This is available in the Document Library of www.bcsd-uk.co.uk.

Per Sandberg, Project Director, WBCSD Vision 2050 (supported by Nick Bell from PWC) welcomed the opportunity to test the thinking within the project. 26 members of the WBCSD are involved most because they think that business as usual does not work anymore and a deep belief in the business community’s ability to delivery solutions.

At the end of the round table debate and feedback, Per said: *“You should be proud how you used his session as a laboratory. It was very impressive.”*

Isabel Dedring, Director of Environment, Mayor’s Office, Mayor of London focused on a series of programme that demonstrate what London is trying to do. She said: *“The Greater London Authority Group employs 100,000 people. We are In a sense we are a big business and we are looking at our own procurement activities and getting our own house in order”*.

James Smith, Chairman, Shell UK highlighted the work of Shell Scenarios and its high emphasis on “trust”; *“how significant the issues of emissions are going to be in the next 10 – 15 – 20 years; we need to move now to improve the imperfect set of technologies we already have; we should applaud what’s been achieved in establishing a new currency (carbon); we have selected two major things to pursue – carbon mitigation (coal gasification technology) – marine algae and bacteria – life forms that look like hydrocarbons. Wind is clearly necessary but is not in the nature of what we do”*.

Charles Hendry, Shadow Minister for Energy said *“we have to fundamentally change the way we live – we have to decarbonise the transport fleet – and generate electricity in a way that is low carbon. Apart from British jobs for British workers, I want French and German jobs for British workers. There is great opportunity for business (and he sited many). Gas storage must be increased in the UK. We have 12 days of gas storage in the UK. The Germans have 100. The French have 120. A few weeks ago we were down to three days! The Government ethos must be to be your partner in delivering solutions”*.

Ken Dalton, Group Chief Executive, AECOM, Europe said the name AECOM will become more familiar to people as the name Faber Maunsell is dropped as from May. *“Government stimulus programmes are continuously talked about at the moment and there’s a concern that the green agenda might be forfeited. I think it is imperative that the Government ensures that sustainable business practices are enhanced so we can reconstruct our economy on a very sound basis.”*

Richard John, Head of Sustainability, AECOM reported on the BCSD-UK workshops on the low carbon economy. This report is available in the Document Library of www.bcsd-uk.co.uk. *“We had a mixed audience in terms of knowledge. People understood that we need to do something about the challenge. Relatively few people knew about all the legislation around the subject”*.

Richard Hall, Programme Director, Carbon Action Yorkshire, focussed on its carbon trading programme. *“The area has 90 million tonnes of carbon, about 14% of the UK’s greenhouse gas emissions; 36% of UK coal comes from Yorkshire and a lot more via the docks; 27% of the UK’s oil refining capacity and 18% of*

the UK's electricity generation of which we use 8%. But we are looking for the opportunities in a carbon constrained economy”.

Mark Saunders, Senior Propositions Manager, E.ON Sustainable Energy Solutions (and Chairman of the BCSD-UK Energy Group). *“The How To Guide on Decentralised Energy (available in the Document Library of www.bcsd-uk.co.uk) is a specific product of the group but we also share best practice, we visit best practice, and share business opportunities.” “Also sit on the PRASEG parliamentary group”. “We joined because of BCSD-UK’s action focussed agenda”.*

David Middleton, CEO, BCSD-UK reported on the outputs from the New Business Model Think Tank sponsored by BERR and held at BERR’s FutureFocus in London. (This report is available in the Document Library of www.bcsd-uk.co.uk).

Richard Heathcote, Sustainable Development Manager, Scottish & Newcastle reported on a Food Security Think Tank (This report is available in the Document Library of www.bcsd-uk.co.uk). *“Food security is underpinned by nature and farming” “We play with nature when we do food” “Are we part of nature – or out of it – a paradox” “Growing populations and climate change are real challenges” “We brainstormed some of the challenges – we need to fit food security into the wider sustainability situation” “Are the current business models fit for purpose?” “We identified 11 areas where we thought further action would move the debate forward”.*

Hugh Williams (Director and Senior Adviser, Ecotec and Ecorys) reported on the BCSD-UK’s developing Young Business Leaders Group. *“The need for change in the future is going to be enormous and rapid” “Have we got the skills and optimism to do it”. “Offer to high flyers of some way of addressing the process of change”. “Working Group had very successful discussion and concluded the need is to provide sets of skills to meet the magnitude of the challenges we have heard about today”.* This report is available in the Document Library of www.bcsd-uk.co.uk.

The speaker presentations are available in the Document Library of www.bcsd-uk.co.uk.

Laing O’Rourke joins BCSD-UK



We are delighted to welcome Laing O’Rourke plc into membership. Laing O’Rourke is one of the world’s most dynamic and innovative, privately owned development, construction and specialist companies. Founded and led by Chairman and Chief Executive, Ray O’Rourke, the business has grown rapidly and now operates across three international hubs: Europe, The Middle East and India, Australia and Asia.

Capitalising on the rule that members can bring associate companies into membership, we are also pleased to welcome into the BCSD-UK:

Crown House Technologies

Expanded

Explore Living

Select Plant Hire

CRC and Carbon Trading A BCSD-UK General Meeting

Tuesday 28th April at Faraday Wharf, Birmingham from 09.00 to and including lunch.

The event will be held in joint venture with the Local Government Information Unit (LGIU), and the Midlands Environmental Business Company, and will be sponsored by Advantage West Midlands with

support sponsorship from Birmingham City Council.

- An interactive event
- A dynamic introduction to the Carbon Reduction Commitment
 - Become involved in a mock carbon trading exercise
 - Learn about Marginal Abatement Cost Curves and more

The Carbon Reduction Commitment comes into being in 2010. It is designed to stimulate commitment to carbon reduction, to investment in reduction technologies and methodologies, and will launch organisations into the world of carbon trading for the first time. This will impact on businesses and public sector organisations which is why BCSD-UK has joined forces with the LGIU to stage this event as an integral part of one of its four General Meetings of the year.

POST CARBON BUDGET APPRAISAL

Wednesday 29th April - 13.30 – 17.00 at The Chambers, 30 Park Place, Leeds.

The Chancellor will deliver his budget to the House of Commons on 22nd April. This year the Chancellor intends to deliver a carbon budget alongside his fiscal budget. Get the views and projections of how this will affect your business from three prominent professionals in the field.

Dean Harris	Director, KPMG LLP
Paul Turner	Head of W&IB Sustainable Development, Lloyds Banking Group
Richard John	Head of Sustainability, Faber Maunsell / AECOM

See www.bcsd-uk.co.uk for more details and a registration form.

RACTA 09 Renewables And Clean Technology Audit

At the Tote Suite, NEC Birmingham, 21st May, 09.15 – 13.00.

An EBC event supported by The Business Council for Sustainable Development and The Midlands Environmental Business Company, with sponsorship from Advantage West Midlands and support sponsorship from Birmingham City Council, and staged as part of Sustainability/live! at The National Exhibition Centre, Birmingham.

A business to business exploration to provide first hand evidence of business opportunities in new and developing markets in renewables and clean technology.

**Ralph Hepworth, Business Development Manager, AWM
Environmental Technologies Cluster Opportunity Group**

Report back and future plans of Advantage West Midlands' strategic group for the sector.

**Heather Pearce, Senior Procurement Officer, Environment Agency
Flood defences**

Flood defences are to be extensively boosted with major investment from the Environment Agency. Hear what solutions it is looking for. Have you skills, capacity, components to offer?

**Alan Cooper, Product Development Manager, Malling Products, Laing O'Rourke
Products, design and technologies for sustainable building & construction**

Offsite manufacturing and the use of new types of concrete technologies.

**Mark Clemson, Director, New World Solar Installations
Retrofitting old housing stock**

New World Solar have built a business from offering "Best in Class Solutions" that fits the needs of its clients and customer, whilst making an environmental and social impact. This is their story. Is this a model for elsewhere?

Keith Sexton, Group HSEQ Director, Amey plc
Procurement of alternatively powered vehicles

Amey plc not only already runs a fleet of electric cars and trucks but is exploring all options in this area. Find out why.

Best Practice Visit - Report

The Summerfield Eco-Village

A “Virtuous Circle” (according to BCSD-UK CEO David Middleton) is where responding to one challenge – such as an environmental one – also creates a positive economic and social impact and achieves sustainable development. When members of the BCSD-UK’s Midlands branch – the Midlands Environmental Business Company (MEBC) - visited Summerfield, Edgbaston, one of Birmingham’s less well heeled areas, they were delighted and surprised to find an example of a Virtuous Circle in action.



“The project is driven by local residents who want to make their community thrive and who are particularly concerned about environmental best practice” says David Middleton. “We found a project that was regenerating the area by providing a range of street improvements and which is drastically improving the energy efficiency of homes through the application of good sustainable development methods. That is evidence of the City executing its social responsibilities and improving the environment. The fact that many local businesses are employed in the process and that they have recruited local people into their expanding businesses is example of economic wins. Social responsibility; environmental protection; economic well-being – these are the cornerstone values of sustainable development. Everyone involved is to be warmly congratulated. This is a great exemplar and we should encourage its replication far and wide.”



Ian Heasman, Brownfield Remediation Manager, Taylor Wimpey UK Ltd said: *“The Summerfield Eco-Village project highlighted the complex and inter-relating challenges of simultaneously addressing fuel poverty and retrofitting sustainable technologies, using a community first approach with local purchasing and the development of a local skill base. This provides a bottom up model for sustainability that points the way towards part of the solution to the climate change challenge. I found the day very rewarding”.*

David Wheeler, Design & Standards Manager for Homes & Communities Agency said: *“I’d been recommended to visit the Summerfield Eco Village as an example of good practice and was pleased by what I found. Family Housing and MEBC have worked hard with the local community to tailor energy efficiency measures to individual household’s needs, as part of a general improvement plan for the area. The results are clear to see: once neglected but now good quality and well-insulated family-sized, Edwardian terraced houses brought back into the community and fitted with renewable energy sources that have dramatically cut running costs. Well done to all involved!”*

Those involved include Birmingham City Council; Family Housing Association (Birmingham) Limited; Urban Living; and MEBC member company New Solar Installations Limited.

The specification for the Code 3 homes visited at Summerfield can be found in the Document Library of www.mebconline.com. Below is a link to the Save your Energy video shown on the visit:

<http://www.youtube.com/watch?v=wS418xrHovg>

ScotAsh Scoops More Awards



Also celebrating its 10th Anniversary, ScotAsh, the UK market leader in quality controlled, sustainable construction products, manufactured using recycled pulverised fuel ash and which is a JV between two BCSD-UK members – Lafarge Cement UK and ScottishPower, is gaining a reputation for being an award scooper.

Added to its trophy cabinet which already contains two Queen's Awards and a national VIBES award, ScotAsh has now won the Innovation Award in the inaugural Green Business Fife Awards. MD Peter Quinn received the award from Jonathon Porritt and John Muir, Chairman of Muir Construction.

In March, Peter was voted Regional Director of the Year for Fife and Central Scotland.

Carbon Footprint Sustainable Supply Chain Summit



BCSD-UK is supporting the Carbon Footprint Sustainable Supply Chain Summit on 29th-30th April 2009 at the Hilton Metropole Hotel in London.

BCSD-UK members are entitled to a 15% discount on the delegate fee.

This Summit provides practical solutions for implementing precise sustainable development concepts, in order to cut costs and create efficiency gains. This year's carbon footprint summit has an explicit focus. It aims to demonstrate how carbon management and sustainable development creates competitive advantage across every part of the FMCG and retail supply chain.

With roundtable and Q&A sessions, delegates are able to talk through practical details, facilitating cross-sector collaboration with stakeholders across every part of the supply chain. Attendants will be able to engage and network with senior decision makers from a range of industry sectors including: retail, consumer product manufacturers, food processing manufacturers, utility providers, logistics and transportation providers, packaging directors and suppliers.

Amongst others, key speakers include Bill Bartlett, Corporate Affairs Director of McCain Foods Ltd; Jim Hanna, Director of Environmental Affairs at Starbucks Coffee Company and Benjamin Gannon, Executive Director of Government Affairs and Policy from Johnson and Johnson.

To register to attend phone the booking line on 0208 920 1403.

For more information visit www.carbon-footprint-sustainable-supply-chain.com

Defra consultation on revised waste exemption



I am writing to inform you that the Summary of Responses to the joint Defra, Welsh Assembly Government and Environment Agency consultation on revised waste exemptions from environmental permitting has been published. The summary of responses can be found on the consultation webpage at <http://www.defra.gov.uk/corporate/consult/waste-exemption-review/index.htm>.

A full Government response to the consultation will be published in due course. If you have any queries relating to this consultation please email or phone the Exemptions Review Team, details provided below.

Exemption Review Team, Waste Permitting Unit, Area 6D Ergon House,
c/o 17 Smith Square, London SW1P 3JR

Tel: 020 7238 4352; Fax: 020 7238 4858; Email: exemptions@defra.gsi.gov.uk

Sustainable Supply Chain Construction Summit



BCSD-UK is supporting the Sustainable Supply Chain Construction Summit on 18th - 19th May 2009 at the Business Design Centre in London.

BCSD-UK members are entitled to a 15% discount on the delegate fee.

This key 2-day global summit aims to develop win-win strategies throughout the construction industry, to improve profit, enhance competitiveness and manage environmental risk. The event hopes to define what sustainability means today (in terms of clients and their responsibilities) and to deliver tangible benefits to the triple bottom line.

Attendants will be able to engage, network and build relationships with clients, contractors, sub-contractors and raw material suppliers to work towards critical financial and environmental goals: working together to find solutions to the current economic crisis. The summit will bring together leading project developers and industry partners in various sectors and regions such as, Governmental Agencies, Commercial, Transportation, Energy and Utilities, Environment, Middle East, China and USA.

To register to attend phone the booking line on 0208 920 1403.

For more information visit <http://www.sustainable-supply-chain-construction.com>.

Technology Strategy Board Press Release

16 April 2009

GREENER BUILDINGS – BY DESIGN

- **Technology Strategy Board to fund the development of new design and decision support tools for building designers.**
- **Better tools will enable designers to help deliver “zero carbon” buildings in the UK.**
- **£4 million funding available for innovative proposals.**

The organisation that has been created to drive technological innovation in the UK, the Technology Strategy Board, is to make £4 million available to British companies so that they can develop design and decision solutions to help construct greener buildings.

The £4 million funding competition will focus on the development, enhancement and integration of building design and decision tools to help achieve the government’s tough target of an 80% reduction in carbon emissions from buildings by 2050.

Speaking at the launch of the competition today, Dr Kerry Mashford, lead technologist at the Technology Strategy Board, said: “We cannot meet our environmental targets without dramatically reducing carbon emissions from buildings. These account for 45% of the UK’s total carbon emissions and to make greener buildings we must close the loop between building design, operation and performance, ensuring that the best guidance is available during the critical process of building design.”

“New design and decision tools are required to help designers predict how buildings will perform when in use, and to support the construction and operation of buildings. At present, designers cannot easily predict the impact of alternative design decisions on building performance, and the likely carbon cost of each option” she added, “We would like to improve dramatically the access to good, integrated design tools by professional designers, including the many working in small practices and as sole traders. Improving support for design decisions, particularly in the conceptual phase, will have a significant impact on the performance of the final building.”

The Technology Strategy Board hopes that funding proposals will be put forward that will help to develop:

- Tools that provide dramatically better guidance of design decisions to deliver 'zero carbon' and low impact buildings;
- Tools that enable designers to make better decisions at every stage of the design process;
- Significantly improved accessibility to design and decision tools for all practicing designers.

(Ends)

Notes to Editors

1. The Technology Strategy Board is a business-led executive non-departmental public body, established and funded by the government. Its role is to promote and support research into, and development and exploitation of, technology and innovation for the benefit of UK business, in order to increase economic growth and improve the quality of life. It is sponsored by the Department of Innovation, Universities and Skills (DIUS).

2. Projects to be funded through this competition can range from small, highly focused basic research projects, aimed at establishing technical feasibility, through to applied research and experimental development projects configured to produce technology demonstrators, or a mixture of these. Projects are typically expected to last 1-3 years, although applications will not be rejected on lengths exceeding 3 years. Typically a project would require support of around £150k - £700k, although no project will be rejected on the grounds of size alone. Projects would usually aim to implement significant business change in a 3-5 year time frame.

3. The Technology Strategy Board welcomes applications for support involving:

- Integration of established tools;
- New user interfaces to encourage wider use;
- New business models to encourage less experienced users;
- Extending the scope of tools to the conceptual phase of the design process;
- Developing modules that provide information on the cost and carbon impacts of choices of materials and components in the design;
- Enabling learning from buildings in use to inform later designs;
- Expanding design tools to provide cost and environmental performance data;
- Enabling sensitivity analysis of the impact of variations in design and operation;
- Extending the use of existing tools into the operational phase of the building
- Proposals from consortia of users who want to commission software suppliers to tackle barriers to mainstream exploitation of tools.

4. The Engineering and Physical Sciences Research Council (EPSRC) has indicated that it may make additional funding available to support some of the successful project applications.

5. The competition opens on 15 June 2009 and expressions of interest must be submitted by 23 July 2009, and full applications by 27 November 2009. Applicants will be advised of the outcome on 18 December 2009. Full details are available on the competitions page of the Technology Strategy Board website:

<http://www.innovateuk.org/deliveringinnovation/forthcomingcompetitions.ashx> .

6. For further information about the Technology Strategy Board please visit: www.innovateuk.org

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