



Conference programme

University of York

27 - 29 March 2012



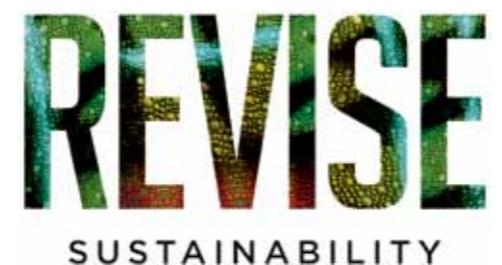
Thank you to our sponsors

The EAUC would like to say 'thank you' to all of our sponsors this year, in particular Iceotope (Very PC) as our platinum sponsor. It is encouraging to see that the enthusiasm to work with this sector is still strong and we thank them for their support. Please do take the time to visit the exhibition area to find out more about the products and services which support our sector as well as collecting your raffle tickets for your chance to win some fantastic prizes!

Platinum



Gold



Silver



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Welcome to York and to the EAUC's 16th Annual Conference!

Dear Colleagues,

With the Olympics coming to town, 2012 is going to be a great year for the UK. The Olympic Delivery Authority (ODA) is not only ensuring that the venues, facilities and infrastructure will be on track and embedded as sustainably as possible but also ensuring that they will harness all the potential and deliver Games that leave a lasting social, economic and environmental legacy to London, the communities and the whole of the UK. They are achieving this via their 'Learning Legacy' approach.

We are delighted to hear more about the Learning Legacy from Simon Wright, Director of Utilities and Infrastructure, ODA, and how we can use and adapt these learnings for the benefit of the sector from Richard Jackson who, from 2005 to 2011, was Head of Sustainability for the ODA. He is now Head of Environmental Sustainability, University College London so he can share how this insight can be used in the education sector. What better way to share and learn from the best!

Over the three Conference days, we will also hear from other notable keynote speakers including Dr Peter White, Director, Global Sustainability, Procter & Gamble, Dr David Pencheon, Director of the NHS Sustainable Development Unit (England), Satish Kumar, Editor-in-Chief, Resurgence and after-dinner speaker Professor Sue Hartley, Director, York Environmental Sustainability Institute, University of York. Hearing about sustainability drives from out of the sector organisations (private and public) gives us valuable insight and motivation.

Designed by you, for you

The Annual Conference has, once again, been designed by Members, through our Conference Steering Group, which ensures that every aspect of the programme is relevant to sustainability practitioners in universities and colleges. A huge thank you goes to these individuals for their support and dedication. We do our utmost to ensure the design of the Conference encourages you to share, get motivated and be inspired.

The Conference has been designed to reflect the Learning in Future Environments (LiFE) themes of: Leadership and Governance, Partnership and Engagement, Learning, Teaching and Research and Estates and Operations. You will hear examples of good practice from Higher and Further Education colleagues

as well as experts in the field providing a great opportunity for discussions, best practice sharing and exchange of ideas. And as always we make the most of the Green Gown Awards winners and highly commended entries by sharing their own proven expertise.

The Knowledge Exchange session is your opportunity for individual meetings with an expert for help on a particular project, challenge or ideas to get you started. The experts have agreed to be contacted after the Conference to discuss your experiences further if necessary. Remember to sign-up for these sessions on the boards in the exhibition hall. Use the Knowledge Exchange Boards as much as possible; meet up with colleagues, schedule mini meetings, meet your regional groups. Use it and share it!

Our thank yous

As well as thanking our sponsors (see adjacent page) and exhibitors, we would also like to thank the University of York for hosting us again this year. They have worked closely with us to support our Conference ethos and we encourage you to take advantage of the early morning biodiversity and running tours – a great opportunity to see the excellent campus grounds and surrounds.

We encourage all Members to get involved in the EAUC – there are plenty of ways of doing this throughout the Conference, such as the AGM, Member Advisory Council, Regional and Community of Practice meetings. We are proud to be a Member organisation and it is the strength and support from our Members that drives us to achieve our mission to embed sustainability in our sector together.

We hope you enjoy the Conference and make the most of the many networking opportunities.

EAUC Chair of the Board



Robert Bellfield
(EAUC Chair Elect)



Paul Cross
(EAUC Chair)

Welcome back to the University of York, a world top 100 university

We are proud to be Members of the EAUC and I am delighted that you have chosen to return to York for a second year.

The University has identified four key aspirations in its University Plan 2009-2019 - excellence, internationalisation, inclusivity and sustainability. Our policy on sustainability aims to balance social, financial and environmental concerns.

The University of York is characterised by a desire to apply its research for the benefit of society and people. Sustainability plays an important part of our research agenda. We not only host the Stockholm Environment Institute on our campus but we are also home to one of the largest concentrations of inter-disciplinary researchers working in the UK on different aspects of environmental sustainability, the recently created York Environmental Sustainability Institute (YESI).

But our desire to make a difference on sustainability is reflected in all

parts of our university community. Other initiatives include the development of our Carbon Management Plan which aims to find new ways of reducing our carbon footprint. By August 2012 York will have installed a new biomass plant which will save more than 900 tonnes of carbon a year and by the end of 2012 we will have introduced combined heat and power plants, saving 6000 tonnes of carbon a year.

We are working with our students and staff to encourage awareness of the importance of sustainability. A major "Switch Off" campaign is running in our Colleges, incentivising their competitive spirit with awards and prizes for those who can save the most electricity. The College student committees compete in a similar way to maximise recycling. Our Green Impact campaign targets staff by working with Department teams

towards specific green impact objectives.

At the University of York we believe that we have a responsibility to improve the world. We are determined to ensure that our future development takes place within a clear sustainability framework.

I hope that you have a successful conference and enjoy all York has to offer.



Professor Brian Cantor,
Vice-Chancellor, University of York

THE UNIVERSITY of York

Global Member resource sharing



The Annual Conference sees us announce the much-awaited launch of our international sharing of Member only resources with our sister organisations – Australasian Campuses Towards Sustainability (ACTS) and Association for the Advancement of Sustainability in Higher Education (AASHE) from the USA.

This means EAUC Members will now have access to a wealth of information, support and good practice from across the globe. It is our strength as a UK wide association that allows us to build these partnerships and deliver them

to our Members as new innovative services – you can't get this anywhere else!

Iain Patton, EAUC CEO, comments on this fantastic development "This new partnership redefines and multiplies the value of membership of each of our organisations.

Combining and sharing our collective knowledge and expertise is a monumental achievement and the EAUC looks forward to further opportunities of working together for the benefit of all our Members."

Our partnerships have also raised the profile of tertiary education

internationally as we are busy working together on a combined response to the UN Earth Summit – Rio+20, along with other organisations from across the globe. ACTS also successfully deliver LiFE and the Green Gown Awards and we are working on an International Green Gown Awards so watch this space.

Come and hear all about it at the **Linking our libraries: announcing global resource sharing** session with Iain Patton EAUC, Leanne Denby, ACTS and Paul Rowland, AASHE.



Iceotope – the next generation in liquid cooling

Iceotope has been established to deliver full time free cooling for ICT anywhere. We are able to achieve this by combining industry standard technology with next generation liquid cooling and our own IP.

University supercomputers and research clusters are rarely turned off and are usually run for far longer than their operational lifetime. Iceotope offers around 50% energy savings vs new air cooled equipment, but because of the advance of energy efficiency in IT (known as Koomeys Law or Moores Law) far larger savings can be achieved by upgrading older supercomputers or clusters.

By immersing and encapsulating electronics in Novec, an inert liquid, Iceotope capture the heat from electronics quickly and efficiently into water which is easy to cool. Iceotope conforms to W4 of the ASHRAE standard, allowing input water to be up to 45C, which means chiller equipment is not required and waste heat from the system could be used in practical applications.

Iceotope offers the same level of resilience and redundancy as that of top tier data centres, but the servers do not breathe any air, meaning that Iceotope equipment can be sited in locations not normally suited to servers or supercomputers. Iceotope servers operate in silence and only need electricity and cold/warm water (which can be on a closed loop to an external radiator).

Iceotope servers have no fans, so they use 20% energy than the state of the art and the Iceotope system saves around 99% of the energy used by server room cooling. Total energy savings exceed 50% and are often much more.

Iceotope products offer benefits to University Facilities, Energy Managers, Researchers, IT managers and the environment.

Iceotope work with independent consultants like Green Gauges on 'Server Amnesty' programs to identify 'Salix compliant' energy efficiency projects within University supercomputers and clusters. The projects will offer both an increase in performance to the researchers as well as a significant energy and carbon emission saving and a reduction in the use of facilities.

Find out more today by visiting us at our stand. Post-conference you can visit www.iceotope.com or speak to your Green IT consultants about arranging a Server Amnesty in your University.





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Through sales of biomass boilers, Hoval is committed to planting 45,000 trees in association with the Woodland Trust



www.hoval.co.uk

Responsibility for energy and environment

Tuesday 27 March

Agenda – Day 1

11.30-12.30 EAUC AGM (open to both Members and non-Members) (**James Hall**)

12.00-13.00 Registration, exhibition and lunch (Exhibition Centre)

Visit the **Knowledge Exchange Boards** – use the boards to:

- post questions, meet up with colleagues and regional groups
- share your biodiversity and good practice posters
- visit the “CO₂ Cool Wall” and vote for your favourite CO₂ idea for reducing CO₂ emissions from buildings and/or post your own idea – try and get a sub-zero rating! Keep an eye on the Wall and if your idea has been voted as sub-zero, then we ask you to present your idea at Wednesday’s lunchtime soap box session
- Sign-up for morning tours (Wednesday and Thursday) and the Knowledge Exchange Session (Wednesday)

13.00-14.30 Main Plenary (Room: P/X 001)

Welcome to the 16th EAUC Annual Conference - **Iain Patton**, CEO, EAUC and Conference Chair

- **Linking our libraries: announcing global resource sharing** – **Iain Patton** CEO, Environmental Association for Universities and Colleges (EAUC), **Leanne Denby**, Australasian Campuses Towards Sustainability (ACTS) and **Paul Rowland**, Association for the Advancement of Sustainability in Higher Education (AASHE)
- **Linking Vision with Purpose: building sustainability into an organisation**, **Dr Peter White**, Director for Global Sustainability, Procter & Gamble



Iain
Patton



Leanne
Denby



Paul
Rowland



Dr Peter
White

14.30-15.15 Exhibition – tea/coffee break (Exhibition Centre)

Visit the **Knowledge Exchange Boards**

15.15-16.45 Conference sessions: see sessions overview on page 11

16.45-17.30 Meet the exhibitors (Exhibition Centre) – your personal invitation to “meet the exhibitors” at this drinks reception.

The EAUC is proud to present its 2012 exhibitors! Come and meet the 46 organisations showcasing their products and services supporting the sector as well as promoting their sustainability initiatives.

17.30-18.30 Green Impact 2011-12! (The Courtyard, Langwith College) – Refreshments will be served

Open invitation to celebrate the achievements of Green Impact and hear about their exciting plans for 2013. Follow the biodegradable green balloons.

18.30-22.00 Networking event: Earwig and Update Café (Galleria Restaurant) followed by buffet dinner

Facilitated by **Kirsti Norris**, Action for Sustainability and **Jo Matthews**, Soil and Soul. This is an opportunity for all conference delegates and exhibitors to come together in a relaxed, lightly facilitated space to socialise and network. The Café environment is designed to kick-start conversations between participants on issues that matter to you, creating a natural networking opportunity on this first evening. The added benefit of setting this within a World Café environment is the opportunity for you to learn how to run a World Café in your learning institution.

Tablecloths kindly sponsored by Hambleside.



info@eauc.org.uk

Wednesday 28 March

07.30	Morning tours: see sessions overview on page 12 (on-site sign-up required)
08.30	Student meeting point (EAUC registration desk) calling all students to meet up. Student facilitator, Sheri-Leigh Miles, will be on hand to give you a brief introduction to the Conference and an overview of the day's activities – helping you to plan your day and get the most out of the Conference.
08.15-08.45	Registration and visit the Knowledge Exchange Boards – use the boards to: <ul style="list-style-type: none">post questions, meet up with colleagues and regional groupsshare your biodiversity and good practice postersvisit the “CO₂ Cool Wall” and vote for your favourite CO₂ idea for reducing CO₂ emissions from buildings and/or post your own idea – try and get a sub-zero rating! Keep an eye on the Wall and if your idea has been voted as sub-zero, then we ask you to present your idea at Wednesday’s lunchtime soap box sessionSign-up for morning tours (Thursday) and the Knowledge Exchange Session (today at 10.15 hours!)
08.45-10.15	Main Plenary (Room: P/X 001) Welcome to Day 2 - Iain Patton , CEO, EAUC and Conference Chair <ul style="list-style-type: none">Reducing the environmental impact of ICT through next generation liquid cooling, Peter Hopton, Chief Technical Officer, Iceotope Limited – Platinum sponsor Keynote addresses: <ul style="list-style-type: none">Sustainable Development in the public sectors: progress, challenges and opportunities, Dr David Pencheon, Director of the NHS Sustainable Development Unit (England)Construction of the London 2012 Olympic Park – The Learning Legacy, Simon Wright, Olympic Delivery Authority's (ODA) Director of Infrastructure and UtilitiesPutting it into practice – what the sector might learn from the Olympics, Richard Jackson, Head of Environmental Sustainability, University College London     <p>Peter Hopton Dr David Pencheon Simon Wright Richard Jackson</p>
10.15-11.15	Knowledge Exchange session (Rooms: P/L 005 and P/L 006) (on-site sign-up required) Sign up for 10 minute one-on-one meetings with a number of sector specialists offering expert advice.
10.15-11.15	Exhibition – tea/coffee break (Exhibition Centre) Visit the Knowledge Exchange Boards
11.15-12.30	Conference sessions: see sessions overview on pages 12-13
12.30-13.30	Exhibition and lunch (Exhibition Centre) Lunch sponsored by  Visit the Knowledge Exchange Boards “CO ₂ Cool Wall” – the results! Soap box session. Find out what the Top 10 voted ideas are for reducing CO ₂ emissions from buildings and feel free to promote one yourself! If your idea has been voted as sub-zero, then we ask you to present it at this session.” Facilitator: Gavin Hodgson, Energy and Carbon Manager, Oxford Brookes University
13.30-14.45	Conference sessions: see sessions overview on page 14
14.45-15.30	Exhibition – tea/coffee break (Exhibition Centre) Visit the Knowledge Exchange Boards
15.30-17.00	Conference sessions: see sessions overview on page 15

Agenda – Day 2

17.00	Exhibition closes
17.00-18.00	Networking event: Communities of Practice (CoP) – Refreshments will be served This is great chance to catch up and share insight on your particular area of interest. Also, if you're interested in joining a group but want to know more, why not come along to one of these meetings and get a real taste of what CoPs are all about. These are: <ul style="list-style-type: none">Embedding Positive Attitudes and Behaviours Community of Practice - for those wanting to identify with the challenges of changing the behaviour of staff and students (James Hall)Carbon Intensive Research Colleges and Universities Community of Practice - for Colleges and Universities that undertake carbon intensive research (Room: P/L 005)Sustainability in Higher Education Developers (SHED) Group - in partnership with the Higher Education Academy, SHED is the leading cross sector Community of Practice in the UK for Education for Sustainability (EfS). (Room: P/L 006) For more information on the CoPs visit www.eauc.org.uk/communities_of_practice
19.00	Networking event: Iceotope Conference Gala Dinner (Galleria Restaurant) • Raffle prizes to be announced. Remember to bring your raffle tickets! • Entertainment from “Madam Zucchini!” • With after-dinner speaker Professor Sue Hartley , Director, York Environmental Sustainability Institute, University of York – “A low carbon future? Protocols, footprints and the HE/FE contribution to sustainability”. Followed by music from Souled Out, dancing and bar.  <p>Prof Sue Hartley</p>
	Sponsored by 

Your chance to win a great conference raffle prize!



PRIZES HAVE BEEN KINDLY DONATED BY THE FOLLOWING SPONSORS:

Iceotope: [Broadleaf Desktop PC by VeryPC](#)

Hoval: [Bottle of Champagne](#)

Revise: [Champagne Hamper](#)

Goupil Industrie: [Hamper from the South of France](#)

Kyocera: [Kyocera ceramic knife gift set](#)

Ricoh: [Ricoh Camera](#)

Schneider: [Kindle](#)

Siteco: 3 prizes:

1. [A free CPD session on LED technology developments](#)
2. [A 'Noxlite' LED security light with PIR](#)
3. [A SL10 LED street Light for the University/College to install for its own evaluation](#)

EAUC: 2 prizes:

1. [2 tickets to the Green Gown Awards Ceremony](#)
2. [1 place on a 2012 CPD event of your choice*](#)

How to get raffle tickets!

- A visit to the companies offering the raffle prizes gets you 3 raffle tickets
- A visit to all other sponsors and exhibitors gets you 1 raffle ticket

5,000 free tickets are up for grabs
– when they're gone, they're gone!

Rules: Raffle prizes will be drawn at the Iceotope Conference Gala Dinner on Wednesday 28 March. All winners need to be present at the dinner – if a winner is not there, the prize will be re-drawn. The organiser's decision is final. Winners agree to being photographed and used for promotional purposes. The raffle is open to delegates only (no staff or exhibitors may participate). *Applicable to one day courses only.

REVISE are proud to be Gold Sponsors of the
16th EAUC Annual Conference
27th - 29th March 2012, University of York



Revise has an unrivalled and proven reputation for improving the sustainability performance of Universities and Colleges. We have worked with more than 40 FHE organisations since our formation in 2008.



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The software platform will allow you to achieve and go beyond best practice, with a fraction of the financial and staff resource investment usually required. You will also be rewarded at key milestones through our certification schemes.

Introducing Waste Expert 1.0

It gives us pleasure to officially launch 'Waste Expert 1.0', the 'Virtual Waste Management Expert' at this Years EAUC Conference.

Waste management is a key sustainability priority that often lacks effective management control. Traditionally, detailed operational understanding and considerable staff or consultancy resource has been required to manage complex issues that are governed by widespread and onerous legislation.

The Waste Expert's key function is to overcome these limitations and enable you to quickly and easily improve the waste management performance of your organisation, embedding improved skills and knowledge along the way.

Please don't hesitate to come and see us for a chat and demonstration.

Cloud Sustainability – Join the evolution.

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If you would like to contact us about either our new Cloud Sustainability software or Waste Expert 1.0, Consultancy or Training services, please use one of the following:

Email: info@revisesustainability.com Call: 0845 287 3850
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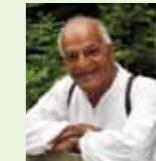


Proud to be working in
 association with the EAUC

Thursday 29 March

Agenda – Day 3

- 07.30 **Morning tours:** see sessions overview on page 18 (on-site sign-up required)
- 08.15-08.45 **Registration** and visit the **Knowledge Exchange Boards** – use the boards to:
 - post questions, meet up with colleagues and regional groups
 - share your biodiversity and good practice posters
 - visit the "CO₂ Cool Wall" and see the Top 10 sub-zero winners with their CO₂ ideas for reducing CO₂ emissions from buildings
- 09.00-10.15 **Conference sessions:** see sessions overview on pages 18-19
- 10.15-10.30 Tea/coffee break (**Exhibition Centre**)
 Visit the **Knowledge Exchange Boards**
- 10.30-12.00 **Conference sessions:** see sessions overview on page 19
- 12.00-13.15 **Main Plenary (Room: P/X 001)**
 - Keynote address:**
 - Soil, Soul and Society – **Satish Kumar**, Editor-in-Chief, Resurgence
 - Closing remarks Day 3 – Iain Patton**, CEO, EAUC and Conference Chair
- 13.15 **Conference closes** – pick up a sandwich-to-go (must have been pre-ordered on the online booking form)



Satish Kumar



Applications open in June
 Awards Ceremony in November
 Dates to be announced shortly

For more information visit
www.eauc.org.uk/green_gown_awards

Sponsorship opportunities

This is a unique sponsorship opportunity to associate your organisation with the leading sustainability awards scheme for UK universities and colleges. Contact us to find out more greengown@eauc.org.uk

Want to apply but not sure how? Then come and hear case studies from past winners/highly commended on what made their projects stand out from the crowd and get some valuable advice for submitting that all important application!

Green Gown sessions are running on Wednesday 28 March at 13.30 hours and Thursday 29 March at 09.00 hours with different case studies in each session.

Responsibility for energy and environment

Hoval is one of the UK's leading manufacturers of commercial heating equipment. We believe that we have a responsibility to deliver the most energy-efficient systems to help minimise environmental impact and to reduce the carbon emissions associated with generating heat for buildings and industrial processes.

Hoval has a strong commitment to sustainability, demonstrated by efforts to minimise our own environmental impact, as well as in helping our customers achieve their sustainability targets.

Hoval has pioneered the use of sustainable biomass heating in the UK and is presently the only British manufacturer of commercial wood pellet boilers. We are now working with the Woodland Trust to ensure the future of British woodland by planting 45,000 new trees.

The company is expert in integrating low carbon heating technologies to achieve the most efficient solution for each and every project, encompassing biomass and gas boilers, CHP, heat pumps and solar thermal. Our engineering expertise is applied at every stage from initial design through installation and commissioning to ongoing maintenance in order to ensure design efficiencies are retained.

Crucially, Hoval also 'practices what it preaches' through a continuous improvement programme to reduce its own environmental impact, addressing energy consumption, waste management and transportation emissions.

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Tuesday 27 March

Conference Sessions

Key:



Partnership & Engagement



Learning Teaching & Research



Leadership & Governance



Estates & Operations



Contribution from previous Green Gown winners/highly commended

There will be several conference sessions running concurrently. Please select the session you wish to attend from those listed. All sessions have been created with both HE and FE institutions in mind making them relevant to all delegates.

✓ Plan your day - use the tick boxes below to help plan your day!

15.15 - 16.45 hours (1 1/2 hours) – 6 sessions to choose from

Presentation **The LiFE Index - whole institution engagement**

This session will explore the use of the LiFE Index (Learning in Future Environments) to stimulate and manage whole institution engagement on sustainability across your institution. It will introduce the principles of the LiFE Index in detail and be of use for institutions whether they intend to be involved in the LiFE Index or not. It will also explore how the index can be used to record and report progress on sustainability to demonstrate ongoing improvement in actual practice rather than as a third party interpretation of what sustainability should look like in your institution. **This session is being re-run on Thursday.**

Speakers: Jimmy Brannigan, Director (ESD Consulting Ltd) and Sheri Leigh Miles (ESD Solutions)

Workshop **The Science of Climate Change and how you can contribute to Educations for Sustainable Development (ESD)**

Feedback from environment and sustainability managers has suggested that some don't feel confident in talking about the science of climate change to students when asked to help add sustainability to the curriculum. This session will be a brief presentation on the science of climate change followed by a question session before the attendees break into groups to discuss other ways their personal expertise can be used to contribute to ESD.

Speaker: Dr Katherine Eames, Sustainability Hub Researcher/Research and Curriculum Lead (Kingston University)

Workshop **Sustainability statewide: sharing learnings from AASHE 2011 Conference**

In October 2011 the Association for the Advancement of Sustainability in Higher Education (AASHE) held its annual conference in Pittsburgh. AASHE is the EAUC's sister organisation in the US and the NUS attended to share ideas/learnings and practices with our American colleagues. This session shares the innovations and good practice that could benefit UK institutions as well as how to develop plans for how these could be implemented this side of the pond.

Speakers: Jamie Agombar (NUS), Rebecca Schroeder, Student and Environmental Committee (University of Pittsburgh), Charlotte Bonner, Green Impact (NUS)

Small breakout session **Scaling up sustainability - the importance of environmental co-ordinator (EC) networks**

This session outlines why and how EC networks are scaling up sustainability. Delegates will hear first hand case studies with university and college examples and materials and get a chance to explore the issues involved in setting up and facilitating a high value network. If you are just setting a network up, want to know how to make your network more effective - or if you have a mature network and want to pass on good practice - then this is the session for you! **This session will be repeated on Wednesday.**

Speakers: Daniel O'Connor, Waste Manager (University of Newcastle), Tom Yearly, Energy Officer (University of Reading), Helen Cutts, Sustainability and Health & Safety Officer (Wigan & Leigh College) and Neil Smith, Environment Manager (University of Southampton)

Presentation /group discussions **Scope 3 emissions – moving beyond the estates office**

Topics covered: Background to Scope 3 emissions, Scope 3 and current carbon management plans, expanding carbon management plans to cover Scope 3 emissions – who needs to be involved and who do you need to talk to, reporting Scope 3 emissions – experiences from De Montfort University with the PROCO₂ project.

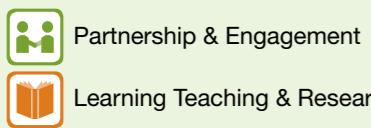
Speakers: Karl Letten, Environmental and Sustainability Officer and Dr Richard Bull, Senior Research Fellow (both from De Montfort University) and Paul Brockway (Arup)

Presentation **A bid to champion greener living - Sheffield University: a case study**

As part of its continued bid to champion greener living, the University of Sheffield entered into a strategic partnership agreement with the global specialist in energy management, Schneider Electric. The performance-based agreement will deliver guaranteed annual savings and release capital for investments that will lower energy consumption, slash the University's carbon footprint, and deliver an enhanced working environment for staff and students. On the other scale, Royal Northern College of Music have implemented various projects in order to move the college into a more energy efficient venue – including cultural change and best estate management practices. This session will show you how these novel approaches have worked.

Speakers: Phil Riley, Energy Manager (Sheffield University) and Dean Griffiths, Estates Services Manager (Royal Northern College of Music) (This session is supported by Schneider Electric, EAUC Company Member and Silver sponsor)

Key:



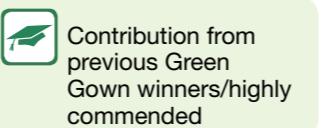
Partnership & Engagement



Leadership & Governance



Learning Teaching & Research



Contribution from previous Green Gown winners/highly commended

There will be several conference sessions running concurrently. Please select the session you wish to attend from those listed. All sessions have been created with both HE and FE institutions in mind making them relevant to all delegates.

✓ **Plan your day** - use the tick boxes below to help plan your day!

07.30 - 08.30 hours (1 hour) – 2 sessions to choose from

Morning outdoor tour **Biodiversity tour Heslington West (on-site sign-up required)**

This walking tour will be based in and around Heslington West Campus (York). You'll be guided through the recent developments in habitat creation. A "breakfast-to-go" will be available.
Led by: Gordon Eastham, Grounds Maintenance Manager (University of York)

Morning run **Run 3 km/5 km**

Guided run around York Campus. Blow away those cobwebs with this exhilarating run (3 km/5 km options).
Guide: Wayne Spaven, Business Manager (University of York)

11.15 - 12.30 hours (1 1/4 hours) – 6 sessions to choose from

Presentation /workshop **Selling behaviour change to "them upstairs" - how to engage with senior management**

This session will start with a brief presentation showing an overview of the theory behind behaviour change. The workshop will focus on moving from awareness to action – with behaviour change as part of a successful change programme using examples from the sector and industry. It will also provide practical examples of how to successfully present to senior executives and governors. Finally we will hold a debate and discuss what each of the challenges are, then workshop how these opposing challenges can come together?

Speakers: Prof Erik Bichard, Professor of Regeneration and Sustainable Development (University of Salford), Jon Warren, Senior Consultant (Carbon Ready) and Shane O'Donnell, Energy Officer (Wakefield College)

Workshop **Easy as 123? 3 ideas to engage students with sustainability**

Here we look at three good examples of various initiatives involving students in sustainability initiatives and what motivates them. For students, this shows real commitment and motivation which although classed as a "soft skill" is an important one with future employers. Student Hubs: will cover student engagement and also show you how to access guides and online materials.

- Advantage Award Scheme/Nottingham University – students receive credit for community work, volunteering etc. and these credits get included in their degree certificates
- Environment Team Volunteers Scheme/University of Leicester – this scheme managed to recruit 470 Environment Team volunteers! Come and hear about what both the students and the institution gain from the scheme, and how other institutions can create similar schemes
- The Green Future project/Redbridge Institute of Adult Education – scheme encouraging students to recruit and become "envirochampions" and what impact this has had

Speakers: Dr Sarah Speight, Associate Professor, Advantage Award Scheme (Nottingham University), Ellen Holmes, Environment Team Communications and Events Intern and Catherine Russell, Part-Time Volunteer Coordinator, Environment Team (University of Leicester), Joni Cunningham, Principal (Redbridge Institute of Adult Learning) and Rob Holtom (Student Hubs)

Presentation **'Activist Learning': supporting student learning through sustainability action**

This session will explore ways for staff to provide support for students to undertake sustainability activism on campus. Such staff-student projects can generate tensions, including the need for negotiations around expectations, responsibilities and boundaries. This session draws on experiences of ongoing sustainability projects at Keele University, providing an opportunity to share best practice with other institutions to drive genuine cultural change in sustainability practices in the higher and further education sector. Meanwhile, Leicester College has been working with a group of part time trainee teachers who are not sustainability experts or advocates. The group are studying for a Diploma to teach in the post 16 sector. The learners have designed and tested a programme of activities and lessons that embed ESD into the formal FE curriculum. The programme is part of their assessed work and provides the learners, the college and the wider sector with a valuable insight into embedding ESD into the curriculum.

Speakers: Dr Zoe Robinson, Senior Lecturer and support from Sophie Bessant, Sustainability Project Officer (both from Keele University) and Roy Morgan-Wood, Sustainability Champion (Leicester College)

Small break out session



Scaling up sustainability - the importance of environmental co-ordinator (EC) networks

This session outlines why and how EC networks are scaling up sustainability. Delegates will hear first hand case studies with university and college examples and materials and get a chance to explore the issues involved in setting up and facilitating a high value network. If you are just setting a network up, want to know how to make your network more effective - or if you have a mature network and want to pass on good practice - then this is the session for you! **This session is a repeat from Tuesday.**

Speakers: Daniel O'Connor, Waste Manager (University of Newcastle), Tom Yearly, Energy Officer (University of Reading), Helen Cutts, Sustainability and Health & Safety Officer (Wigan & Leigh College) and Neil Smith, Environment Manager (University of Southampton)

Presentation **Sustainable construction case studies**

This session will provide an overview of BREEAM in Education and case studies within universities and colleges on sustainable construction initiatives. Case studies will be presented from Lancaster University, the University of Bradford and Newcastle-under-Lyme College.

Speakers: Suzanne Parkinson (Lancaster University), Russell Smith, Estates Manager and Andy Hague, University Project Manager (both from University of Bradford), Martin Bostock, Head of Estates and Utilities (Newcastle-under-Lyme College) and Sarah McCarrick, Education Sector Manager (BREEAM)

Presentation **Understanding travel behaviour and facing the challenge of engagement**

This workshop will consider staff and student sustainable travel behaviour and set out how to adopt sustainable commuting practices and overcome the barriers to this. The challenge of staff and student engagement will be considered and potential communication mediums for successful buy-in will be explored.

Speakers: Donna Gutteridge, Assistant Environmental Manager (Liverpool John Moores University), Benjamin Buckley, Transport Planner (Mott MacDonald) and Grant Anderson, Environmental Manager (Nottingham Trent University)

13.30-14.45 hours (1 1/4 hours) – 6 sessions to choose from

Presentation /poster session **Learn from the best! Green Gown Award winners and highly commended**

What does it take to win a Green Gown Award? Aside from submitting a great sustainability project, the skill of submitting a great application is an art unto itself. Come and hear case studies from past winners/highly commended and hear about not only their projects but also their advice when submitting that all important application.

- Green ICT category (Winner 2011) – University of Hertfordshire with "Reduction and re-use of energy in institutional data centres (RARE-IDC)"
- Colleges and smaller institutions category (Highly Commended 2011) - Blackpool and the Fylde College with "Driving ahead with waste oil"
- Space Efficiency (Highly Commended 2011) – Pembrokeshire College with "Space efficiency reduces emissions" and Carbon Reduction Category (Winner 2010) with "Taking big steps to leave a small footprint"

This session also takes place on Thursday with different winners/highly commended speakers.

Speakers: Steve Bowes-Phipps, Data Centres Manager (University of Hertfordshire), Pam Reynolds, Sustainability Officer (Blackpool and the Fylde College) and Steve Jones, Director of Estates & Facilities (Pembrokeshire College)

Continued

Key:

-  Partnership & Engagement
-  Leadership & Governance
-  Learning Teaching & Research
-  Estates & Operations
-  Contribution from previous Green Gown winners/highly commended

There will be several conference sessions running concurrently. Please select the session you wish to attend from those listed. All sessions have been created with both HE and FE institutions in mind making them relevant to all delegates.

✓ **Plan your day** - use the tick boxes below to help plan your day!

13.30-14.45 hours (1 1/4 hours) – 6 sessions to choose from (continued from previous page)

Workshop [Behaviour change in action - a sharing of the behaviour change techniques used by Cranfield University and Bedford College to engage staff in carbon reduction action... Cranfield University having cut 240 tonnes of CO2 in 9 months, saving £80,000 and Bedford College driving carbon reduction action through curriculum delivery and a focus on the college's operations.](#)

 Cranfield University have a Carbon Management Plan target of 50% absolute cut in emissions by 2020. To achieve this requires the engagement of staff as the first steps towards wholesale culture change. They have developed their team of Green Champions to lead Behaviour Change across campus and have made substantial progress in cutting Carbon through staff efforts. Central to all their Behaviour Change work has been widespread quantification, as a motivator for staff - and equally Senior Management. Bedford College have a carbon reduction target of 35% reduction by September 2017. Sustainability, as a top level priority, is embedded into their curriculum and operations at all levels, driving carbon reduction action through all functions of the college. This also includes engaging external stakeholders and supporting local community initiatives.

Speakers: Gareth Ellis, Energy Manager (Cranfield University) and Esin Esat, Director of Sustainability (Bedford College) with support from Dr Andrew Smith (Zap Carbon)

Presentation [Winning with social media - a green view](#)

 In 2012 the London elections for Mayor and London Assembly will be a high profile battle with Boris and Ken running formidable campaigns. The Green Party is fully embracing social media to reach the electorate in new and innovative ways. Chris Smith will be showing how the organisation has delivered major marketing campaigns about subjects such as air pollution in London using video, social media and traditional campaigning tools. This session will provide a unique insight into the creative processes behind delivering complex issues to the public, combining traditional and digital media, demonstrate the latest in social media tools for engaging an audience and illustrate the best methods of quantifying a campaign's success. Chris Smith ran one of last year's most successful sessions so we're delighted to welcome him back.

Speaker: Chris Smith, social media guru and Founder of Eco Tube

Workshop [Finding your carrot: engaging students in behaviour change](#)

 Linking unions, students and staff to make a real impact can be a challenge. This session explores some great examples of successful engagement with the student body, and will lead discussion and planning for how you can make the most of your student's potential to change the behaviours of your whole institution.

Speakers: Joanna Romanowicz and Charlotte Taylor, Project Offices (both from NUS Green Impact) and student volunteers

Presentation /exercises [Participatory engagement for change](#)

 Face to face engagement is effective in delivering real reductions in energy use and carbon emissions at Edinburgh. This session will include building on lessons from Transition Edinburgh University, gathering ideas from building users and helping them implement those ideas, workshop to share experiences and results and provide practical exercises to demonstrate the process, complemented by Jewel & Esk College - experience engaging students and staff through Green Impact Awards scheme.

Speakers: Matthew Lawson, SRS Research Assistant and Joseph Farthing, Communications Specialist (both from University of Edinburgh), Ron Mackay, Lecturer and Harriet Cross, Greener Living Co-ordinator (Jewel & Esk College)

Workshop [Green and grey spaces: opportunities to enhance biodiversity wherever your campus is located](#)

Do you really know what wildlife visits your sites? This session will look at practical examples of how to engage staff and students in stimulating projects and monitoring schemes that have real meaning and can be used to change building and estates policies to include biodiversity at the commencement of every project taking place in your institution.

Speakers: Steve Ansdell, Horticultural Manager (Durham University) and Sara Kassam, Energy and Environment Manager (University of East London)

15.30-17.00 hours (1 1/2 hours) – 6 sessions to choose from

Workshop



Changing values to create a sustainable culture

To include: 1) Creating a culture of sustainability - understanding the values that influence culture to deliver the results. Sustainability Intelligence tool to help fast-track the organisation's development and 2) Communicating sustainability – The language of behaviour change. How to communicate sustainability effectively and not turn people off.

Speaker: Professor Erik Bichard, Professor of Regeneration and Sustainable Development (University of Salford)

Open space



Large scale community engagement strategies

Have you been beavering away trying to work with individuals in your institutions, but feel it is now time to engage with the wider community? Then this is the workshop for you. Covering Appreciative Inquiry, World Cafe, Open Space, and Communities of Practice. The workshop will be a mix of theory bites, real life examples and group discussions. It will also give you space to think about what will be appropriate in your own institution. This will offer you examples of large-scale community engagement, direct you to online resources available to support you and help you discuss what would be the most appropriate strategy for your own organisation.

Speakers: Kirsti Norris (Action for Sustainability) and Jo Matthews (Soil and Soul)

Presentation



Tools and guidance on how to embed sustainability into procurement

Sustainable Procurement Centre of Excellence (SPCE) will present information on the role of the project within the sector and how this supports the embedding of sustainability within procurement process and practice. There will be an SPCE website demonstration specifically focusing on good practice, development opportunities and sector benchmarking tools. To finish, there will be an interactive discussion on how the sector can embed and continuously support sustainable procurement.

Defra will focus on tools developed to facilitate the embedding of sustainable procurement within organisations. Firstly the prioritisation methodology which originated from the Sustainable Procurement Task Force and was developed into its current form by Defra. The tool helps organisations to focus their sustainable efforts and resources to ensure they have the largest impact. Secondly the Government Buying Standards (GBS) have been developed to enable procurers to achieve maximum whole life cycle value for money and carbon reduction whilst managing environmental risks. Procurers can use them in the knowledge that Defra has carried out a legal review, market assessment and cost benefit analysis.

Speakers: Janine Hamilton, Sustainable Procurement Centre of Excellence (SPCE) and Ian Barham, Sustainable Public Procurement (Defra)

Workshop/poster session



Institutionalising sustainability in the curriculum and the student experience: lessons from the Green Academy

'Green Academy: Curricula for Tomorrow' is a development of the Higher Education Academy's (HEA) original Change Academy with a specific developmental focus on Education for Sustainable Development (ESD). It was run as pilot by the HEA in 2011. The workshop will open with group discussions around the infrastructure and representations required to begin the process of embedding sustainability in the curriculum and the student experience across the institution. The Green Academy process and three exemplar projects will then be presented, after which delegates will be asked to critically appraise the approach and outcomes of the Green Academy to-date.

Facilitator: Simon Kemp, Faculty Director of Employability and Employer Engagement (University of Southampton). **Speakers:** Dr Sarah Speight, Associate Professor (Nottingham University) and Stephen Scoffham, GA Team Member (Canterbury Christ Church University)

Workshop



Carbon management plans – achievements, maintenance and the future

The Carbon Trust has supported the development of Carbon Management Plans (CMP) to reduce carbon output from the education sector for a number of years, most recently providing support to Further Education Colleges. This discussion workshop will provide an opportunity to find out:

- How Universities have implemented and maintained their CMP
- How Colleges are developing their CMP with support from the Carbon Trust
- How to refresh and ensure targets are reached.

Facilitator: Gillian Sinnott, Director of Environmental Services (Wigan & Leigh College). **Speakers:** Tim Pryce (Carbon Trust), Elise Smithson, Deputy Director, Environment and Low Impact Buildings (Coventry University), Kevin Cope, Head of Building Operations (Imperial College London) and Helen Cutts, Sustainability and Health & Safety Officer (Wigan & Leigh College)

Workshop



Shared services: how to get the most out of a partnership approach

The session will explore how staff within and between institutions can work together to deliver cost savings, as well as positive environmental and social outcomes through partnership working. By using the benefits of the waste partnership (Green Gown short-listed) members of South Coast Affinity Group (SCAG) will lead syndicate group sessions on the benefits and opportunities for partnership working. These ideas can then be used back in your institutions.

Speakers: Neil Smith, Environment Manager (University of Southampton), Mat Jane, Energy & Environment Manager (University of Winchester)

Welcome to all students!

Wednesday 28 March is our “student day”!

We extend a warm welcome to all the students attending today! We hope that you get a lot out of your day and it is a valuable networking event for you. Our student facilitator, Sheri Leigh Miles, is on hand to ensure that you get the most from your time and the sessions on offer today!



Facebook your fellow students
www.facebook.com/StudentsandSustainability

Please contact the EAUC registration desk and we will ensure you connect with your colleagues.

Calling all universities and colleges! This year we introduced a subsidised “sponsor a student” day package. For those institutions who have sponsored a student(s) we thank you for showing your commitment in our future leaders in sustainability. For any institutions not aware of the offer, please do consider sponsoring a student next year. Contact the EAUC for more details info@eauc.org.uk.

Meet like-minded colleagues – join an EAUC Community of Practice (CoP)!

Three of our Communities of Practice will be meeting at the Conference to catch up and share insight on their areas of interest. Why not join them and get a real taste of what CoPs are all about. Those meeting are:

- ❖ Embedding Positive Attitudes and Behaviours Community of Practice - for those wanting to identify with the challenges of changing the behaviour of staff and students (**Venue: James Hall**)
- ❖ Carbon Intensive Research Colleges and Universities Community of Practice - for colleges and universities that undertake carbon intensive research (**Venue: P/L 005**)
- ❖ Sustainability in Higher Education Developers (SHED) Group - in partnership with the Higher Education Academy, SHED is the leading cross sector Community of Practice in the UK for Education for Sustainability (EfS). (**Venue: P/L 006**)

The Transport Planning Network Community of Practice will not be meeting formally, but you'll be able to connect with the many Members at the Conference.

To find out more about EAUC CoPs and other groups, visit the EAUC stand.

COP meetings take place Wednesday 28 March between 5pm and 6pm

Leading sustainability in tertiary education

The EAUC is the only independent, not-for-profit, Member-led body of its kind in the UK and with a Membership of over 320 colleges and universities; we are THE sustainability champion for the sector.

University and college stakeholders are increasingly expecting institutions to meet new standards of social, financial and environmental performance. Students, regulators, and other powerful stakeholders are connecting academic and financial performance with social and environmental impacts. **More than at any other time, the further and higher education sector needs to be at the strategic table, increasing and demonstrating the value we bring to society and fostering world-class standards of practice.**

What's on the horizon for EAUC Members?

As well as the core EAUC services, Members will soon be able to benefit from a range of additional services including:

- ❖ Access to Member-only resources from AASHE (USA) and ACTS (Australasia) – see page 2
- ❖ A free ‘Introduction to Sustainability’ eLearning module for Member staff and students – coming soon

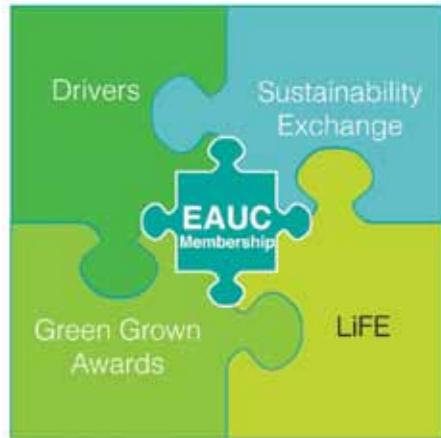
- ❖ More EAUC Communities of Practice and Regional Groups

- ❖ Greater sharing of best practice with more case studies and videos from the sector and the sustainability companies working within it (EAUC Company Members)

- ❖ Online events - unique sector specific training for sustainability professionals

- ❖ Providing a voice for the sector - both in the UK and internationally, on key issues such as the Rio+20 Earth Summit

- ❖ In 2012, the EAUC will launch the high profile Sustainability Exchange (see page 20) - the ultimate sustainability portal facilitating sector access to multi organisational resources.



With added Member-only areas for better networking and resource sharing, the EAUC can better deliver membership and further services

The EAUC is building a new generation of resources to reflect its value-added approach to Membership. These resources will include case studies, Insight Guides, webinars and training events to deliver new support and value

This is a very busy time for the EAUC with lots of exciting developments taking place. However, the EAUC is still committed to ensuring Members gain more benefit and value through all that the organisation does. We hope you enjoy the Conference!

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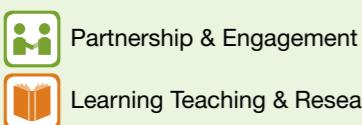
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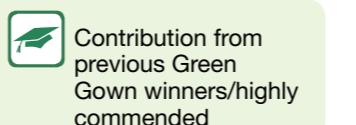
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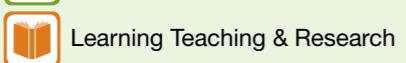
Partnership & Engagement



Leadership & Governance



Contribution from previous Green Gown winners/highly commended



Learning Teaching & Research



Estates & Operations

There will be several conference sessions running concurrently. Please select the session you wish to attend from those listed. All sessions have been created with both HE and FE institutions in mind making them relevant to all delegates.

✓ **Plan your day** - use the tick boxes below to help plan your day!

07.30-08.30 hours (1 hour) – 2 sessions to choose from

Morning outdoor tour **Biodiversity tour Heslington East (on-site sign-up required)**

For those of you that attended this session last year, this tour will take you back to Heslington East Campus (York) and report on the progress since last year and baseline ecological survey findings. A "breakfast-to-go" will be available. A great way to start the final day of the Conference!

Led by: Gordon Eastham, Grounds Maintenance Manager (University of York)

Morning run **Run 3 km/5 km**

Guided run around York Campus. Blow away those cobwebs with this exhilarating run (3 km/5 km options).

Guide: Wayne Spaven, Business Manager (University of York)

09.00-10.15 hours (1 1/4 hours) – 5 sessions to choose from

Presentation /poster session **Learn from the best! Green Gown Award winners and highly commended**

What does it take to win a Green Gown Award? Aside from submitting a great sustainability project, the skill of submitting a great application is an art unto itself. Come and hear case studies from past winners/highly commended and hear about not only their projects but also their advice when submitting that all important application.

- Research and development category (Highly Commended 2011) – Cranfield University with "Carbon Brainprint"
- Courses category (Winner 2011) – University of Exeter with "The One Planet MBA"
- Courses category (Winner 2008 & Highly Commended 2011) – Bedford College with "Training for Sustainability" & "Interactive Learning for Sustainability", Colleges category (Highly Commended 2009) with "Embedding Sustainability" and Skills category (Winner 2010) with "Skills for a Low Carbon Economy"

This session also takes place on Wednesday with different winners/highly commended speakers..

Speakers: Gareth Ellis, Energy Manager (Cranfield University), Jackie Bagnell, Deputy Director One Planet MBA (University of Exeter Business School) and Esin Esat, Director of Sustainability (Bedford College)

Presentation **Love Food, Hate Waste: sustainable food procurement in practice**

Durham University's Procurement Service and Catering Department have worked in unison to provide a range of services to its 10 fully catered colleges and other catering outlets. The session will give an insight into how the University has maximised its buying power whilst taking into account environmental, social and economic values and responsibilities. The aim of the session is to help and encourage other organisations to heavily consider their supply chains in relation to food and embedded sustainability within food procurement and production. Durham University are Green Gown winners from 2010 and 2011 in the sustainable procurement category.

Speakers: Liam Glasper, Strategic Contracts Manager and John Turner, Community Executive Chef (both from Durham University)

Workshop **Corporate sustainability reporting - necessary for the sector or just another tick box?**

This is a workshop for anyone in the sector interested in reporting on sustainability. We will be looking at examples of good practice like La Trobe University in Australia and discussing thorny questions like what to report, when to report and who our audience might be. The workshop will bring together people interested and expert in reporting and allow them to learn from each other. As an emerging activity it will be useful for all participants to get a cross sector view on the need for reporting. A true sustainability report includes an organisation's impact on all its stakeholders including local community and suppliers so this session fits well in the partnership and engagement section.

Speakers: Harriet Waters, Sustainability Manager (Oxford Brookes University), Kat Thorne, Sustainability Manager (University of Greenwich), Sheri Leigh Miles (ESD Solutions)

Presentation /panel discussion **What's preventing you from greening your data centre?**

Green Gown Award Winner, the University of Hertfordshire, has achieved a successful case study on applying best practices in its campus Data Centre. They were the first University to achieve Participant status with the EU Code of Conduct for Data Centres (CoC) and are involved in helping to improve the

sector-wide take-up and embedding of Data Centre Best Practices. Learn more about the CoC, the Green Grid's new Data Centre Maturity Model, what the key techniques are and how they can be applied in your data centre. Hear from Worcester College on how they used innovative thinking to reduce the carbon footprint for their data centre cooling. The session will be rounded up with a panel of experts who will take your questions and hopefully inspire you to start greening your data centre!

Speakers: Steve Bowes-Phipps, Data Centres Manager (University of Hertfordshire), Alex Gwinn, IT Training Supervisor and Dave Kings, Deputy Communications and Systems Manager (both from Worcester College of Technology) and the panel of experts consisting of Professor Peter James (HEEPI) and James Wilman, Marketing and Business Development (Future-Tech - EAUC Company Member and Silver Sponsor)

Presentation **Revolving Green Funds funded by the Higher Education Funding Council for England (HEFCE)**

Come and hear about some of the projects being funded by HEFCE under the Revolving Green Funds and get some good advice on how to plan for future funding projects. We will hear from Worcester University on their small-scale energy efficiency programme (£71.6k) consisting of two projects; airtightness involving draught-proofing and sealing windows in four buildings and cooling plant upgrade using evaporative cooling in a suite of rooms used for conferences and teaching. The University of Lancaster will talk about their Energy Supply major carbon reduction projects, including a 2MW wind turbine and a biomass boiler

Facilitator: Joanna Simpson, Senior Policy Adviser (HEFCE). **Speakers:** Katy Boom, Director of Environmental Sustainability (Worcester University) and Jonathan Mills, Environment and Sustainability Manager (Lancaster University)

10.30-12.00 hours (1 1/2 hours) – 5 sessions to choose from

Presentation **The LiFE Index - whole institution engagement**

This session will explore the use of the LiFE Index (Learning in Future Environments) to stimulate and manage whole institution engagement on sustainability across your institution. It will introduce the principles of the LiFE Index in detail and be of use for institutions whether they intend to be involved in the LiFE Index or not. It will also explore how the index can be used to record and report progress on sustainability to demonstrate ongoing improvement in actual practice rather than as a third party interpretation of what sustainability should look like in your institution. **This session also takes place on Tuesday.**

Speakers: Jimmy Brannigan, Director (ESD Consulting Ltd) and Sheri Leigh Miles (ESD Solutions)

Presentation **Buildings for sustainability - how buildings are utilised to develop skills and community participation**

An introduction to how buildings are used to interact with communities, staff and students with a case study from a University and College. Keele University's Sustainability HUB opened in Autumn 2011 and acts as a focus for the research into, teaching of, and management for sustainability and green technology. The Bicton EaRTH Centre will be a dedicated training centre and conferencing space for renewable energy and sustainable building. Questions and discussions with speakers.

Facilitator: Huw Evans (Keele University). **Speakers:** Professor Pat Bailey, Pro Vice-Chancellor Environment and Sustainability and Dean of Natural Sciences (Keele University), Dr Sharon George, HUB Building manager (Keele University) and Graham Waddell, Head of EaRTH Programme (Bicton College)

Presentation **Produce unique planet-minded business leaders**

Hear about business schools and how they embed sustainability into their curriculum projects. The session will include various projects and lessons learnt.

- One Planet MBA – University of Exeter Business School
- Business Education for Responsible Capitalism: Developments and Challenges – Nottingham University Business School.
- Eco-skills for Trainers, Mentors and Learners – Lewisham College

Facilitator: Keith Pitcher, Director of Sustainability (University of Nottingham). **Speakers:** Jackie Bagnell, Deputy Director One Planet MBA (University of Exeter Business School), Jeremy Moon, Director, International Centre for Corporate Social Responsibility (ICCSR) (Nottingham University Business School) and Adarsh Sood, Lecturer, Trade Union Studies (Lewisham College)

Presentation /group discussion **Measuring Scope 3 travel data – the way forward?**

This workshop will be a mix of presentation and group exercises on the following topics:

- Details of the proposed Scope 3 transport definitions for Environmental Management Systems
- Experience from institutions of measuring Scope 3 emissions from transport
- A "how to" practical approach

Facilitator: Joanna Simpson, Senior Policy Adviser (HEFCE). **Speakers:** Mark Warner, Sustainability Manager (Leeds Metropolitan University) and Nick Hillard, Environment Manager (University of Warwick)

Workshop, short film and practical exercises **The road to excellent operations is paved with internal environmental audits**

This workshop will provide delegates with a practical insight into the implementation of internal environmental audits, showing how they have huge potential to improve operations as well as forming part of a strong Environmental Management System. Template documents and materials will be provided for delegates to take away and use/adapt to their own institutions. The workshop will be based on practical experiences of three different types of universities and one college that have developed formal Environmental Management Systems in different ways (Eco Campus, ISO14001 and BS8555).

Speakers: Sara Kassam, Energy and Environment Manager (University of East London), Richard Woods, Environmental Safety Officer (Kings College London), Alan Cumber, Deputy Director Facilities Services (Institute of Cancer Research) and Guy Beards, Environmental Coordinator (Wiltshire College)

Data Centre Energy Consumption

Need to reduce your carbon footprint?

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green moon events

Green Moon Events is an event management company offering sustainable event solutions. Working together with the EAUC, Green Moon Events is helping to deliver the EAUC's Annual Conference 2012.

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Power for Sustainability in our Partnership

EAUC Sustainability Ethos



We are aiming for silver but hope to get a gold!

As part of the EAUC's continued commitment to sustainability, a conscious effort has been made to reduce the environmental and social impact of all its activities.

At this year's Annual Conference the EAUC will be going even further by providing information for all menu choices on local ingredients, providence and impact so delegates can make more informed decisions. Moreover, the majority of meat, poultry, fish, fruit and vegetables will be fresh, seasonal produce sourced from suppliers based in the Yorkshire and Humberside region.

For more information on the EAUC's Conference Sustainability Ethos visit http://www.eauc.org.uk/a_sustainable_conference

New this year, the EAUC's sustainability hub for sponsors/exhibitors http://www.eauc.org.uk/sustainability_hub_for_sponsors_exhibitors

This year, the EAUC has teamed up with the Soil Association and its Food for Life Catering Mark. This is an independent guarantee that what's on the menu is fresh, healthy and better for animal welfare.

The bronze Catering Mark recognises menus where the majority of dishes are freshly prepared using seasonal ingredients. The silver and gold tiers are flexible, rewarding food providers who go further by using organic, free range and local produce as well as taking steps to serve healthier menus.

The EAUC and the University of York's catering team have worked with the Soil Association to offer Catering Mark standard food for this year's conference. They're aiming for **silver** for every meal and hope to get at least one gold! Check out if they've achieved it. Look out for the signs around the catering areas.

Visit the Food for Life Catering Mark team at their stand or online at www.soilassociation.org/cateringmark



Breathing LiFE into universities and colleges

Learning in Future Environments (LiFE) was successfully launched to UK universities and colleges on 1 November 2011 and has already seen a number of sign-ups from institutions across the UK. It has even been launched across the globe in Australasia! The EAUC has been working on developing LiFE with direct support from HEFCE, HEFCW, SFC and DELNI as well as input and feedback from key individuals across the sector.



LiFE sessions take place on
27 March at 15.15
and 29 March at 10.30

Iain Patton, EAUC CEO, notes: "The support we have had has been critical. Not only have people participated in advisory panels and feedback sessions, we have also been invited to present at a number of regional meetings and conferences. There has been genuine positivity and enthusiasm from a wide range of

people and we're really grateful for everyone's involvement."

Evidence of success has come in a variety of ways. "First of all, we have been overwhelmed by the amount of people signing up to our online information webinars. We're adding more dates for 2012 and we're still getting a great response," Iain continues. "If you're interested in LiFE or want to know more, I encourage you attend one of the LiFE Conference sessions."

EAUC Members qualify for a special discount on LiFE. For more information, please visit www.thelifeindex.org.uk or contact info@eauc.org.uk.



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Sustainability Software... Join the Evolution!

Environmental software has been around since the 1980s when packages generally focussing on environmental compliance first became available.

However, the more recent growth in climate change legislation has driven a surge in the development of carbon management software, and this has rapidly developed into a global market now estimated to be worth over \$700 million.

With the ever-increasing pressures to improve sustainability performance, more and more organisations are now turning to software to help manage their environmental impacts, ensure legal compliance and gain economic certainty. Organisations are realising that simply being 'green' has become a dated concept, and that improving sustainability performance should be a key business process.

So how can complex organisations manage environmental and social risk effectively? Is the use of consultants the most efficient option? How much time is wasted with employees data-crunching and compiling information into spreadsheets?

Sustainability software systems provide a unique opportunity to meet the increasing demands for improving sustainability performance, by capturing and collating a wide range of data, monitoring and benchmarking performance, and providing valuable engagement tools to help educate employees and stakeholders and empower them with the skills to make lasting improvements.

At Revise, we believe that intelligent software systems will be the heart of the next generation of sustainable organisations, and that's why we poured all our knowledge and expertise into our ground-breaking new software platform; Cloud Sustainability™. We believe our software will revolutionise the way sustainability consultancy and training is delivered; reducing costs, empowering the user, creating self-sufficiency and delivering long-term sustainable benefit.

<http://www.revise-eu.com/>



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We are committed to working with you, as your partner, ensuring your estate is efficient, green and productive. From plant to plug our electrical and mechanical equipment, innovative products, and our people, ensure that the right solution is available to meet your ever changing and future needs, guaranteeing reductions in energy usage and carbon emissions, whilst increasing your employee and student engagement with their estate, and with the steps that can make a real impact on your green credentials.

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www.siteco.co.uk



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www.future-tech.co.uk



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www.kyoceramita.co.uk



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liftshare is a social enterprise that helps people to travel more sustainably. Our free online network matches people with similar journeys so they can travel together, saving money and cutting their carbon footprint.

liftshare funds itself by helping businesses and communities set up their own online journey-matching tools to encourage lift-sharing and more sustainable mobility. Our dedicated team then provides ongoing support services to help them market and monitor their scheme effectively.

Working with over 50 Universities liftshare has a clear understanding of the needs of the Higher Education sector.

www.liftshare.com/business



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Exhibitors



Abricon is an Environmental Consultancy specialising in resource efficiency and carbon foot printing advice; this includes the implementation of bespoke ISO14001 environmental management systems for FE colleges including Cambridge Regional College.

www.abricon.com



Advanced Power Technology Ltd is an approved supplier to NEUPC data centre framework for Energy Efficient, Critical Power and Cooling Systems to protect server rooms, data centres and mission critical installations.

www.advancedpower.co.uk



Better World Books is a for-profit, environmentally-conscious company that collects and sells books online. Each sale generates funds for literacy around the world. Better World Books sustainability initiatives along with its support of global literacy helped it earn the coveted B-corporation certification which balances social, economic and environmental values.

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Building Sustainability has developed the Workplace Footprint Tracker to assist organisations to save energy. It provides real time energy monitoring, visualisation and management to identify and eliminate energy wastage.

www.buildingsustainability.net



For over 30 years, Chalmor has been helping a broad range of organisations in the public and private sectors to save energy and money through its energy saving heating and lighting systems.

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Change Agents are leading in the field of education and sustainability, providing a dedicated sustainability graduate placement programme (CUSP) and supporting change agents in universities and colleges across the UK.

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www.dbfacades.com/d+b_educational.html



Elcomponent is the leading supplier of sub-metering and portable energy monitoring equipment to the higher and further education sector.

www.elcomponent.co.uk



Not for profit procurer, The Energy Consortium (TEC) is committed to sharing best practice and cost saving energy/water advice with its university and college Members. It plays an instrumental role in communicating sustainable energy information to HE/FE institutions.

www.energyconsortium.org.uk



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www.itschoolsafrica.org



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www.labwaste.co.uk



Leafield Environmental is a manufacturer of a wide range of recycling and litter bins for internal and external use. Leafields in-house design team produce cutting edge designs with collaboration from clients giving the customer exactly what they need. Leafield can advise on the best products for your recycling needs.

www.leafieldrecycle.com

MarshallACM

Marshall ACM are a specialist e-learning provider to higher and further education institutions. Their sustainability e-learning course was initially developed for the University of Stirling. Marshall ACM are now working on customised versions for the University of Reading and the University of Durham.

www_marshallacm.com



Oxfam Collects at Work makes it easy for employees to donate things they no longer want through their workplace. Oxfam sells and recycles donations to fight poverty around the world. Oxfam is a registered charity in England and Wales No. 202918 and Scotland SC039042.

www.oxfam.org.uk/oxfam-collects/index.html?cid=Rdt_oxfamcollects



PHS Datasheer is a national provider of document and data destruction and recycling, offering a secure, efficient and reliable service for the safe disposal of your confidential waste and recycling.

www.shredding.info



powerPerfector is one of the UK's leading energy efficiency companies. Its award winning Voltage Power Optimisation (VPO)® technology has helped over 340 education establishments to save cost and carbon.

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RM Education are the leading provider of ICT Equipment to UK Education, from our EcoQuiet PC's and Servers to our wireless Real Time Utility monitoring system designed to highlight savings!

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Straight plc leads the field in supplying waste and recycling solutions. As the market specialist, Straight plc have a broad portfolio of products and services underpinned by an extensive track record.

www.straight.co.uk



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www.trendcontrols.com



Veolia Environmental Services is the United Kingdom's leading waste management provider, offering a wide range of cost effective and efficient refuse collection, recycling and disposal services to commercial businesses.

www.veolia.co.uk

WasteCare.co.uk

WasteCare are a leading national provider of secure ICT reuse services. WasteCare specialises in the collection of hazardous and difficult waste streams, providing closed loop solutions for all customer requirements.

www.wastecare.co.uk



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University of York Campus



KEY

- ① James College accommodation
- ② Vanburgh College
- ③ Exhibition Centre
- ④ Roger Kirk Centre – Galleria Restaurant – venue for: Breakfast, Tuesday's networking event and Wednesday's Iceotope Conference Gala Dinner

- ⑤ Bus stop
- £ Cash Machine
- P Pay and display car parking

york conferences at the THE UNIVERSITY of York

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The EAUC Internet Café

The Internet Café is located in the centre of the main Exhibition Centre by the soft seating area.

It is free to use and will be open during the following times:

- Tuesday 27 March – 12.00-17.30 hours
- Wednesday 28 March – 08.15-17.00 hours
- Thursday 29 March – 08.15-13.15 hours

If you have your own laptop or smart phone, free WiFi codes are available from the EAUC registration desk.

Please note, WiFi only works in the Exhibition Centre.

I need help – who do I contact?

EAUC staff will be available and on hand to help throughout the Conference. There will be an EAUC Information and Registration Desk where queries can be dealt with. The registration desk will be open:

- Tuesday 27 March – 10.30-18.00 hours
- Wednesday 28 March – 08.15-17.00 hours
- Thursday 29 March – 08.15-13.15 hours

If you need any assistance on your arrival or during your stay, please contact Lisa Walkley on 07771 841466 or Helen Exton on 07531 244208.

During office hours (09.00-17.00 hours) you can also contact York Conferences office on 01904 328431.

Visitors in need of emergency assistance should contact Security on 01904 324444.



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