



UNIVERSITY OF LEEDS



CHALLENGING CONNECTIONS

23 - 25 March 2015

Annual Conference

24 March

Further Education SUSTAINABILITY SUMMIT

25 March

Transformational LEADERSHIP SUMMIT

Delivering the Core Business Integration of Sustainability (CBIS) Executive Programme

in partnership with

Conference Sponsor



CarbonCredentials

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This year, the EAUC would like to extend our thanks to all of the conference sponsors, in particular Carbon Credentials, our headline sponsor. It is encouraging to see that the enthusiasm to work with this sector is still strong and we thank all sponsors and exhibitors for their support.

Please do take the time to visit our exhibition area to find out more about the range of products and services supporting our sector, and be sure to download the Conference App and scan the QR codes in the exhibition to be entered into the raffle!



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Thank You to Our Partners

In order to create this Conference we've challenged our connections, and formed partnerships to support the event.



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Exhibition QR Code Hunt

Download the Conference App and visit the exhibition stands to scan QR codes and build the mystery phrase! Once you have the answer, please visit the EAUC stand to be entered into the raffle win some amazing prizes:

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Advanced PowerMobile
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EAUC Two Green Gown Tickets,
1 Delegate Pass for next year.

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Welcome to the Conference



It doesn't seem long ago I was welcoming you to Nottingham for the 2014 event, this year I would like to warmly welcome you all to Leeds for the 19th EAUC Annual Conference. This year, attendees hail from further afield than ever before, with representatives and speakers from Africa, Australia, Japan and the USA, as well as those from Europe; a truly global event!

This year's innovative multi-agency Conference will help you put sustainability at the core of who you are and what you do. The three day event kicked off with the Student Sustainability Summit yesterday, in partnership with NUS and People & Planet. This saw the Leeds University Union host a huge number of students and staff working with them to become part of a new wave of leadership and make the student voice on sustainability too powerful to ignore.

The event continues over the next few days with a fantastic main conference programme which is split by Stream based on the Learning in Future Environments (LiFE) priority areas (which launched last year as a free benefit for EAUC Members) as well as a further two Summits. All attendees will come together at the start and end of each day to experience our inspirational keynotes - read more about them on page 5.

Conference day 1 (24 March) will focus on the Estates and Operations Stream and offers the Further Education Sustainability Summit which is a partnership with the Association of Colleges. The two Associations have worked together to step up to meet the needs of Further Education sector and see this dedicated set of sessions as a way to provide content for those working to embed sustainability into a college context.

Conference day 2 (25 March) will see the return of the other remaining LiFE streams (Leadership and Governance, Partnership and Engagement, Learning, Teaching and Research) as well as the addition of the Transformational Leadership Summit. This is the inaugural UK delivery of the Core Business Integration of Sustainability (CBIS) Executive Programme which was developed in partnership with Leith Sharp, Director of Executive Education for Sustainability, Harvard University Center for Health and the Global Environment. This Summit sees the EAUC joining a growing network of CBIS conveners, which include The Harvard University Centre for Health and Global Environment, the US Green Building Council and the Association for the Advancement of Sustainability in Higher Education (AASHE).

If you haven't already, I encourage you to download the Conference App, kindly hosted and sponsored by Guidebook (directions for download are at the bottom of the page). Using this App you can also take part in the interactive exhibition QR code hunt, gaining entry to the raffle to win some fantastic prizes. We decided to use a mobile App to match our delegate expectations for ongoing use of cutting edge technologies and more importantly, to continually enhance the sustainability ethos of the Conference. We hope one day that we will be able to offer a fully paperless Conference!

Our venue, the University of Leeds, have recently launched a Sustainability Strategy which focuses on four themes. With the launch of this new strategy, they're looking to ensure that the University has an overall positive impact on the local and global community. All of this sustainable and environmental focus makes them the ideal venue for our Annual Conference and I extend thanks from the EAUC for all of their input.

I would encourage you to attend the EAUC's Annual General Meeting (AGM) on Tuesday (24 March) in Conference Auditorium LT1. As a Member organisation, this provides an important opportunity for you to hear about our ambitions and for you to feed into the future of your Association. It is the strength and support of our Members that drives us forward in achieving our mission to embed sustainability in our sector together.

I would also like to thank our sponsors and exhibitors for their support, especially Carbon Credentials as our Headline Sponsor.

I sincerely hope you enjoy this year's Conference, are inspired to challenge your connections and make new ones by making the most of the valuable networking opportunities available.

Robert Bellfield
Principal, Craven College
EAUC Chair of the Board



Welcome to the University of Leeds



The University of Leeds has a clear responsibility to have a positive impact on society, something we take very seriously. This means making our economic, social, environmental and cultural responsibilities a priority alongside our commitment to education and research excellence.

Our approach to sustainability, as demonstrated in our new Sustainability Strategy, is integrated with our approach to student education, research and innovation and highly professional support services. Of course, the strategy is not an end in itself; it is just the beginning of the next phase of promoting sustainability at the University. We will continue to constantly challenge ourselves to be bold, ambitious and action-orientated.

We aim to be a university with a reputation for outstanding performance on sustainability; a university that challenges the status quo and is

renowned for its open, welcoming environment. To this end, I am thrilled to welcome the EAUC Conference onto campus this year, and I encourage all delegates to critically engage with our approach to sustainability.

The sharing of ideas and best practice from across the sector is crucial to progress in this area as we all have a part to play in building a sustainable future.

Sir Alan Langlands
Vice Chancellor, University of Leeds

Venues

- Keynotes - Conference Auditorium 100
- Workshops - Roger Stevens 89
- Transformational Leadership Summit - Michael Sadler Building / LG10 78
- Gala Dinner - The Refectory 29
- Exhibition, refreshments & exchanges - Sports and Exhibition Centre/The Edge 101
- Meeting point for RSPB bird walk W

Walking routes

- Exhibition to Michael Sadler Building •
- Exhibition to Auditorium •

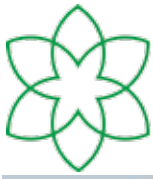
Car parks

- University visitors' car parks (limited) P
- Other university car parks P
- Public multi-storey car park CP
- Charge point for Electric Car E

Other useful information

- CityBus Stop B Bus Stop B
- Taxi Rank T
- Pedestrian Only Area P
- Lawns L
- Bike Racks B
- Cash points C

A message from our Headline Sponsor



CarbonCredentials

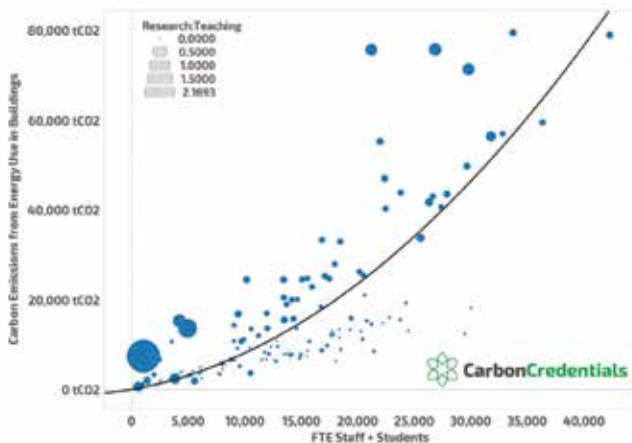


Hello, and welcome to the EAUC Annual Conference 2015.

It has been a challenging and exciting year for tertiary education since the conference in Nottingham last May, and we are proud to be here in Leeds as the Headline Sponsor for a second year. Having been impressed with the quality and breadth of discussions last year, we are looking forward to sharing the progress that has been made and exploring the new sustainability challenges that the tertiary education sector faces.

At Carbon Credentials, we take a data-driven approach to sustainability performance. With that approach in mind, during last year's conference we presented a sector wide analysis across a range of carbon intensity metrics. Plotting several universities' carbon emissions led to interesting discussions with many of you who were eager to understand how best to utilise indicators to monitor, benchmark and communicate performance.

Over the last 12 months, we have enjoyed tackling sustainability issues with a number of outstanding tertiary education organisations. Having hosted three Optimised Carbon Management Planning workshops attended by over 50 universities we are looking forward to engaging in important conversations and discussing our learnings with you all over the course of this year's conference.



Carbon emissions against FTE staff and students, and type of student: Where are you?

The themes running through the two days have led us to consider some key questions coming in to the conference:

- What are the sustainability trends for 2015 and what are the innovators doing?

- In a constantly changing sector how can we best plan and prioritise our sustainability efforts?
- Are you funding your Carbon Management Plan strategically?
- How can we easily manage and drive value out of the vast quantities of data available to us?
- How can we work in a more integrated manner to achieve environmental and sustainability objectives?
- How can we effectively engage senior leadership in the sustainability journey?
- What does the Green League mean for you and your organisation?
- What are the best approaches to monitoring and managing scope 3 emissions?

I am fortunate to be joined this year by our top energy, environmental and sustainability experts who are here to share their views on these questions. Please feel free to test them, challenge them and pose your most important questions to them - you may be intrigued by how much we have learnt over the last 12 months.

I would like to thank the EAUC and the University of Leeds for hosting the conference, and to all the delegates for completing the registration questionnaire. We look forward to sharing the findings from this survey during our welcome presentation.

I wish you a valuable and enjoyable time during the conference, and look forward to speaking with as many of you as possible.

Paul Lewis, Director, Carbon Credentials
paul.lewis@carboncredentials.com

Visit Carbon Credentials at stand 7



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www.eauc.org.uk
#EAUCConf15



Keynote Synopses

Next generation sustainability at The University of British Columbia: beyond harm reduction

John Robinson, Associate Provost, Sustainability, The University of British Columbia
Tuesday 24 March, 9:00am - 10:10am, Conference Auditorium, LT1

Conventional approaches to sustainability focus on a harm reduction and damage limitation agenda. At the University of British Columbia (UBC), we are exploring the potential for what we call regenerative sustainability: human activity that simultaneously improves environmental and human wellbeing. To that end, UBC is transforming its campus into a living laboratory for sustainability. Faculty, staff and students, along with private, public and NGO sector partners, use the University's physical plant, as well education and research capabilities, to test, study, teach, apply and share lessons learned, technologies created and policies developed. This keynote will report on UBC's academic and operational sustainability activities in support of that vision.

The City, Learning and a Sustainable Future: A dialogue

Chair: Professor Gary Dymski, University of Leeds
Speakers: Tom Riordan, CEO Leeds City Council and Chris Brown Director of Sustainable Business, ASDA
Tuesday 24 March, 5:10pm - 6:00pm, Conference Auditorium, LT1

Around the world there is a growing realisation that we need to do things differently and to find new models of operating which have people and learning at the heart. A critical question for us is understanding the future sustainability of cities, such as Leeds, and considering the role of universities and colleges in enabling the sustainable growth of the city and its businesses by building the connections and resilience needed to bring not only economic prosperity, but social and environmental wellbeing.

The Government has put much store by city universities playing a critical part of local regeneration. We invite your perspective on this and how universities and colleges can do more as catalysts, enablers and drivers - bring intellectual, natural and human capital to the debate.

This session is intended to be an enlightened conversation between experts, inspiring a new dialogue between policy makers and practitioners as they explore the planning, consumption, social cohesion, quality of life and other challenges cities face and to begin to understand the role universities and colleges play in the long term success of cities.

Radical Sustainability - Going Beyond Sustainability 2.0

Giles Hutchins, Speaker, writer, adviser, author of The Illusion of Separation
Wednesday 25 March, 9:00am - 10:10am, Conference Auditorium, LT1

Contrary to popular opinion, the Mother of all Problems is not capitalist consumerism, but a flawed logic woven into our collective psyche at deep and partly unconscious levels. Deal with this and the downstream effects - consumerism, climate change, ecological destruction, social degradation - are addressed with a mind-set no longer impaired by the same thinking that created the problems in the first place. These transformational times demand that those at the vanguard of sustainability catalyse this new mind-set. The future of humanity depends on it, and time is no longer on our side.

Visionary speaker, writer and adviser Giles Hutchins explores the cause of our current crises and then activates the logic required for change agents to reach beyond Sustainability 2.0. Formerly Global Head of Sustainability for an 80,000 employee IT service-provider; author of the books *The Nature of Business* and *The Illusion of Separation*; and adviser to a variety of pioneering educational establishments, Giles views Head of Sustainability roles in colleges and universities as crucial in bridging this paradigmic shift from old world to new world thinking, being and doing.

In this keynote we discover what the next wave of sustainability looks and feels like and what this means for our work ahead.

Treaty and TarSands from the Front Line

Crystal Lameman, SW, BGS, B. Ed
Wednesday 25 March, 4:40pm - 5:30pm, Conference Auditorium, LT1

The Beaver Lake Cree, signatories of Treaty 6 with the British Crown, are involved in a landmark constitutional Treaty rights challenge. A challenge that has named tens of thousands of Treaty rights violations of Treaty 6 by the province of Alberta, the government of Canada and every major oil company in the world, operating in the controversial Canadian tar sands. The Beaver Lake Cree Nation case represents a growing understanding that through Aboriginal Title and Inherent and Treaty Rights.

The Native rights-based strategic framework is the strongest legally binding strategy to stop the expansion of the tar sands at the source, including all of the associated pipeline infrastructure coming out of Alberta to bring this land-locked resource to international markets.



Keynote Biographies



Chris Brown
Senior Director Sustainable Business, ASDA Stores

Chris worked in Government prior to joining the Meat and Livestock Commission as Beef Strategy Manager before moving into retail as Agriculture Technologist with

Marks and Spencer.

Chris then joined ASDA as Agriculture Development Manager with a remit to develop ASDA strategies and activities across all sectors of agriculture, a role which then extended to Head of Ethical and Sustainable Sourcing. Chris was appointed to his present role in 2013 to also cover waste/resource management and communications.



Gary Dymski
Professor, University of Leeds

Gary Dymski received his Ph.D. in economics from the University of Massachusetts, Amherst in 1987. He joined the faculty at the Leeds University Business School (LUBS) as Chair in Applied Economics in 2012

after 21 years in the University of California system.

Gary's research focuses on the subprime and Eurozone crises, banking and financial regulation, and urban development. With Dr. Annina Kaltenbrunner, of the LUBS economics faculty, he is leading a project on inequality and finance in Europe. He and Phil Purnell (Faculty of Engineering) are co-leaders of the University of Leeds' newly-announced "Cities: Sustainable Society and Resilient Infrastructure" research theme.



Giles Hutchins
Speaker, writer, adviser, author of The Illusion of Separation

Giles Hutchins is a visionary speaker, writer and adviser who goes one step beyond conventional sustainable business. Formerly a management consultant with

KPMG, more recently Global Director of Sustainability for Atos and co-founder of Biomimicry for Creative Innovation, he applies ancient wisdom and pioneering new thought to the activation of a new consciousness inspired by and in harmony with Nature.

He is author of *The Illusion of Separation* and blogs at www.thenatureofbusiness.org



Crystal Lameman
SW, BGS, B. Ed

Crystal is a member of the Beaver Lake Cree Nation, Treaty No. 6, Alberta, the Climate and Energy Campaigner for Sierra Club Canada, and a fellow of the Indigenous Environmental Network. Crystal

uses her formal academia (two university degrees) but most importantly her Indigenous ways of knowing and being to articulate the damaging impacts of industrialisation and resource extraction on her homelands. Beaver Lake Cree Nation launched legal action in 2008 aimed at protecting their traditional lands and treaty rights. Lameman cites this action as an example of how First Nation people can assert their rights while offering a solution.



John Robinson
Associate Provost, Sustainability, The University of British Columbia (UBC)

John is also Executive Director of the UBC Sustainability Initiative, responsible for leading the integration of academic and operational sustainability at UBC's

Vancouver campus. He is also a professor with UBC's Institute for Resources, Environment and Sustainability, and the Department of Geography. His own research focuses on the intersection of climate change mitigation, adaptation and sustainability. Dr. Robinson has won various prestigious awards and is well published. As a Lead Author he contributed to the 1995, 2001 and 2007 reports of the Intergovernmental Panel on Climate Change, which won the Nobel Peace Prize in 2007 with Al Gore.



Tom Riordan
CEO, Leeds City Council

As the youngest ever Chief Executive of Leeds City Council, Tom has helped set ambitious "Best City" and "Best Council" goals. Since 2010, he has overseen the construction of a state-of-the-art Arena, and

helped secure the Tour de France Grand Départ for Yorkshire.

Tom supported Councillor Wakefield in his role as Chair of the Commission for the future of Local Government, is on the Centre for Cities Board of trustees and is engaged in the "Leaders for Leeds" civic enterprise network.



Main Conference Programme

Day 1: Tuesday 24 March – Estates and Operations

TIME	PROGRAMME	LOCATION
9:00am - 10:10am	Welcome to the EAUC Annual Conference 2015 and the University of Leeds Short introduction from our Headline sponsor - Carbon Credentials Keynote Speaker: Next generation sustainability at The University of British Columbia: beyond harm reduction - <i>John Robinson, Associate Provost, Sustainability, The University of British Columbia</i>	Conference Auditorium LT1
Workshop Sessions - 50 minutes: 10:20am - 11:10am	1 - Carbon management at universities: towards a universal method for calculating scope 3 emissions <input type="checkbox"/> 2 - It's all about reporting...or is it?! <input type="checkbox"/> 3 - De-mything the HEFCE Revolving Green Fund. Achievements, Experience and Lessons Learnt over Four Rounds <input type="checkbox"/> 4 - Think Local, Act Global! - Global insight to UK sustainability challenges <input type="checkbox"/>	Roger Stevens RSLT1 Roger Stevens RSLT2 Roger Stevens RSLT5 Roger Stevens RSLT17
11:10am - 12:40pm	EAUC AGM - Everyone is welcome to attend, but only Members can vote Drinks available before the AGM in the Conference Auditorium Foyer	Conference Auditorium LT1
12:40pm - 2:10pm	Exhibition open with Gold Food for Life lunch available: be sure to visit the stands and scan your QR codes to enter the raffle at the EAUC stand. Raising the Sustainability Bar - an opportunity to meet one-on-one with our Headline and Support Sponsors. Exchanges: 25 minute bite-sized sessions taking place inside the Exhibition Hall 	Exhibition Hall
Exchange Sessions - 25 minutes	12:45pm - 1:10pm: Exchange A1: The support required to make Energy Performance Contracting a viable energy and carbon solution (TEC) <input type="checkbox"/> 1:15pm - 1:40pm: Exchange A2: Energy Performance Contracting - What it can achieve, the role you can play and the need for transparency <input type="checkbox"/> Exchange B2: You, an Auditor? <input type="checkbox"/> 1:45pm - 2:10pm: Exchange B3: Increasing employee engagement in recycling <input type="checkbox"/>	Sports Hall Exchange Areas A and B are within the Exhibition Hall. Please see the exhibition plan on page 29 for further information
Workshop Sessions - 50 minutes 2:10pm - 3:00pm	5 - Optimising your fleet to reduce emissions, fuel bills and collisions <input type="checkbox"/> 6 - Serving up Success: Sustainable Catering on Campus <input type="checkbox"/> 7 - Where Next for Sector Estates Environmental Metrics? <input type="checkbox"/> 8 - The Revised ISO14001: Reinvigorating your Environmental Management System <input type="checkbox"/>	Roger Stevens RSLT1 Roger Stevens RSLT2 Conference Auditorium LT1 Roger Stevens RSLT5
3:00pm - 4:05pm	Exhibition open with refreshments available: be sure to visit the stands and scan your QR codes to enter the raffle at the EAUC stand Exchanges: 25 minute bite-sized sessions taking place inside the Exhibition Hall	Exhibition Hall
Exchange Sessions - 25 minutes	3:10pm - 3:35pm: Exchange B4: The Emerging Science and Style of Biophilic Design: Unlocking Natures Secrets to Improve Health, Well-being and Effectiveness in Our Learning Environments <input type="checkbox"/> Exchange A4: Biodiversity in the Urban Environment - A vision for the future <input type="checkbox"/> 3:40pm - 4:05pm: Exchange A5: Carbon Management Planning: Financing and Delivering Success in 2015 <input type="checkbox"/> Exchange B5: Data Centre Space <input type="checkbox"/>	Sports Hall Exchange Areas A and B are within the Exhibition Hall. Please see the exhibition plan on page 29 for further information
Workshop Sessions - 50 minutes 4:10pm - 5:00pm	9 - Management systems - generating resources from waste <input type="checkbox"/> 10 - Quick wins for greening existing buildings using BREEAM <input type="checkbox"/> 11 - What are cycling near misses, why do they matter, and how can we help prevent them? <input type="checkbox"/> 12 - From zero to hero - to level 4 of the Flexible Framework in just 6 months! <input type="checkbox"/>	Roger Stevens RSLT1 Roger Stevens RSLT2 Roger Stevens RSLT5 Conference Auditorium LT1
5:10pm - 6:00pm	EAUC Keynote Panel session: The City, Learning and a Sustainable Future: A dialogue Chaired by: <i>Professor Gary Dymski, University of Leeds</i> Speakers: <i>Tom Riordan, CEO, Leeds City Council and Chris Brown, Director of Sustainable Business, ASDA</i>	Conference Auditorium LT1
8:00pm - Late	EAUC Gala Dinner: 3 course dinner, Ceilidh and dancing (cash bar available from 7:30pm) Sponsored by  Pre-Dinner speaker: <i>Dr. Nicola Millard, Head of Customer Insight & Futures - BT Technology, Service & Operations Global Innovation Team</i>	The Refectory

Main Conference

Please see pages 9-15 for the Estates and Operations Synopses

Day 2: Wednesday 25 March - Partnership and Engagement, Leadership and Governance, Learning, Teaching and Research

TIME	PROGRAMME	LOCATION
From 7:00am	Early morning activities. RSPB led bird walk, Climbing, Yoga, Swimming Pool and Gym (available according to Sports Centre timetable) For further information see page 17	All at University of Leeds
09:00am - 10:10am	Welcome to the EAUC Annual Conference 2015 and the University of Leeds Short introduction from our Headline sponsor - Carbon Credentials Keynote speaker: Radical Sustainability - Going Beyond Sustainability 2.0 - Giles Hutchins, Speaker, writer, adviser, author of <i>The Illusion of Separation</i>	Conference Auditorium LT1
10:15am - 11:10am	Exhibition open with refreshments available: be sure to visit the stands and scan your QR codes to enter the raffle at the EAUC stand Exchanges: 25 minute bite-sized sessions taking place inside the Exhibition Hall	Exhibition Hall
Exchange Sessions - 25 minutes	10:15am - 10:40am: Exchange A6: Developing responsible students for the future workplace <input type="checkbox"/>	Sports Hall Exchange Areas A and B are within the Exhibition Hall. Please see the exhibition plan on page 29 for further information
	10:45am - 11:10am: Exchange B6: Growhampton: Roehampton's Sustainability Project <input type="checkbox"/>	
	Exchange A7: Linking activity in Europe - UNEP mapping and building sustainability across universities and colleges in Europe <input type="checkbox"/>	
	Exchange B7: Nature: The Time for a Re-Think? <input type="checkbox"/>	
Workshop Sessions - 50 minutes	13 - Selling Sustainability to students: Online strategies for behaviour change <input type="checkbox"/>	Roger Stevens RSLT1
	14 - Avoiding the Perfect Storm - The Critical Role for Universities and Colleges to Develop Organisational Capability through Individual Competence <input type="checkbox"/>	Roger Stevens RSLT2
	15 - Biodiversity in Leeds - Challenges and Success <input type="checkbox"/>	Roger Stevens RSLT5
	16 - Greening the Tiger - Investing positively <input type="checkbox"/>	Roger Stevens RSLT17
12:05pm - 1:40pm	Exhibition open with Gold Food for Life lunch available: be sure to visit the stands and scan your QR codes to enter the raffle at the EAUC stand. Raising the Sustainability Bar - an opportunity to meet one-on-one with our Headline and Support Sponsors Exchanges: 25 minute bite-sized sessions taking place inside the Exhibition Hall	Exhibition Hall
Exchange Sessions - 25 minutes	12:10pm - 12:35pm: Exchange A8: Love Food Hate Waste – Save More: helping people to save money by reducing food waste <input type="checkbox"/>	Sports Hall Exchange Areas A and B are within the Exhibition Hall. Please see the exhibition plan on page 29 for further information
	Exchange B8: The Emerging Science and Style of Biophilic Design: Unlocking Natures Secrets to Improve Health, Well-being and Effectiveness in Our Learning Environments <input type="checkbox"/>	
	12:40pm - 1:05pm: Exchange A9: Electronics Watch – the value in responsible procurement <input type="checkbox"/>	
	1:10pm - 1:40pm: Exchange A10: Net-Works project: Developing an inclusive business model with positive social, business and environmental impact <input type="checkbox"/>	
Workshop Sessions - 50 minutes	Exchange B10: Ensuring we produce sustainability literate graduates - a new global response <input type="checkbox"/>	
	17 - MetMUnch: A Magic Recipe For Success <input type="checkbox"/>	Roger Stevens RSLT17
	18 - Promoting South-North partnerships on Higher Education for Sustainability through GUPES the Global University Partnership for Environment on Sustainability <input type="checkbox"/>	Roger Stevens RSLT2
	19 - A Sustainability Strategy for the University of Leeds - Becoming the Architects of Possibility <input type="checkbox"/>	Roger Stevens RSLT5
20 - Building Resilience into the Future of University Governance - A Business Guide for University Governors <input type="checkbox"/>	Roger Stevens RSLT1	
2:30pm - 3:30pm	Exhibition open with refreshments available: be sure to visit the stands for your last chance to scan your QR codes to enter the raffle at the EAUC stand. Raffle prize draw at 3:00pm Exchanges: 25 minute bite-sized sessions taking place inside the exhibition hall	Exhibition Hall
Exchange Sessions - 25 minutes	2:35 pm - 3:00pm: Exchange A11: Core Skills for negotiating with and influencing others <input type="checkbox"/>	Sports Hall Exchange Areas A and B are within the Exhibition Hall. Please see the exhibition plan on page 29 for further information
	Exchange B11: A Dream of a Low Carbon Future <input type="checkbox"/>	
Workshop Sessions - 50 minutes	21 - Embedding student initiatives into university structures <input type="checkbox"/>	Roger Stevens RSLT1
	22 - Building Momentum from the Students' Green Fund and beyond: where next for student-led action on sustainability? <input type="checkbox"/>	Roger Stevens RSLT17
	23 - Partnerships; making it real! <input type="checkbox"/>	Roger Stevens RSLT5
	24 - Negotiating and Influencing in 50 mins <input type="checkbox"/>	Roger Stevens RSLT2
4:40pm - 5:30pm	Keynote speaker: Treaty and TarSands from the Front Line: <i>Crystal Lameman SW, BGS, B. Ed</i>	Conference Auditorium LT1

Main Conference

Please see pages 17-19 for the Partnership and Engagement synopses, 21-23 for Leadership and Governance and 16 for Learning, Teaching and Research





Estates and Operations

Main Conference



Workshop Session 1: Carbon management at universities: towards a universal method for calculating scope 3 emissions

Oliver Robinson, Doctorate of Engineering (EngD) Researcher, University of Southampton and Adam Tewkesbury, Transport Manager, University of Southampton

Tuesday 24 March, 10:20am - 11:10am, Roger Stevens, RSLT1

How well does your institution understand the extent of its carbon emissions? Whilst the benefits

of emissions reduction are apparent and increasing government pressure is requiring better emissions management, in practice, a variety of calculation methods may be used (complicating comparisons), whilst those involved are complex and resource-intensive. This is an opportunity for EAUC Members to contribute to research aiming to develop a universal and practically realistic method for carbon footprinting applicable to Higher and Further Education. With a specific focus on scope 3 emissions, this session will explore your expectations and allow the sector to respond to challenges ahead.



Workshop Session 2: It's all about reporting...or is it?!

Sarah Lee, Scotland Manager, EAUC; Jenny Cassells, Consultant, JC Carbon Consulting and George Tarvit, Sustainability and Climate Change Manager, Keep Scotland Beautiful - Sustainable Scotland Network

Tuesday 24 March, 10:20am - 11:10am, Roger Stevens, RSLT2

As we see more intense pressure for climate change performance data, reporting seems to be rising up the agenda. In Scotland, the Government has made

reporting a key aspect of climate change legislation and has launched a consultation on its proposed mandatory reporting for public sector bodies. This workshop aims to gather your input into the pros and cons of Scotland's approach, share experience and perspectives on using climate change reporting tactically to drive action, and discuss what lessons can be shared with public sector organisations across the UK. The workshop presenters have a wealth of experience and will share tools available to scope your activity and help outline areas of improvement and measuring impact.



Workshop Session 3: De-mything the HEFCE Revolving Green Fund. Achievements, Experience and Lessons Learnt over Four Rounds

Chaired by Andy Nolan, Director of Sustainability, The University of Nottingham with; Andrew Smith, HEFCE; Lucinda Tyser, Salix and Russell Smith, University of Bradford

Tuesday 24 March, 10:20am - 11:10am, Roger Stevens, RSLT5

The Revolving Green Fund provides recoverable grants

to help higher education institutions (HEIs) in England reduce emissions and save money - existing projects are already saving around £20million pa. HEFCE and Salix representatives will lead the session - so, if you're considering energy efficiency and carbon reduction projects this session will tell you how the Revolving Green Fund can finance the projects you want to deliver. You'll get an overview of the Fund and how to apply, plus inspiration and tips on how to make a successful application from a beneficiary in a previous round - the University of Bradford, presenting two case studies.



Workshop Session 4: Think Local, Act Global! - Global insight to UK sustainability challenges

Hosted by Iain Patton, CEO, EAUC, joined by a global panel of contestants

Tuesday 24 March, 10:20am - 11:10am, Roger Stevens, RSLT17

A global 'panel game' bringing insight and expertise to the UK from China, USA, Africa, Scandinavia, Japan,

Australia and all over Europe. Quick fire insights in four rounds: **Round 1:** What motivates and brings sustainability alive for your students. **Round 2:** Where next for greening your campus? **Round 3:** How do you get more sustainability into what is taught? And **Round 4:** The best 10 second sustainability elevator pitch to your Principal or President?



Workshop Session 5: Optimising your fleet to reduce emissions, fuel bills and collisions

Bob Saynor, Consultant, Energy Saving Trust and Ian Featherstone, Knowledge Manager, Energy Saving Trust

Tuesday 24 March, 2:10pm - 3:00pm, Roger Stevens, RSLT1

The Energy Saving Trust runs Government funded programmes to help fleets reduce emissions and

running costs. We can help whether you're interested in green fleet consultancy, subsidised driver training, or working out whether EVs or plug-in hybrids have a place in your fleet. At this session we'll explain how you could benefit from our programmes and we'll share some of the insights we've gained from working with hundreds of the UK's leading fleets as well as with Government, vehicle manufacturers and driver training providers.



Challenging our Connections to create one voice

We know that we will be more powerful and effective together and collaboration will put education at the heart of the international challenge to address climate change. The Rio+20 Earth Summit showed us the power of collaborative action and 2012 saw large number of the world's sustainable associations, projects and networks come together to run a powerful side event.

We're upping the ante here in Leeds where education sustainability networks from China, USA, Africa, Scandinavia, all over Europe, Japan, and Australasia will come together to build a coherent voice to feed into COP21 this Autumn. By coming together we will:

- Pro-actively share ideas and experiences across the planet on how to help universities address climate change and be at the heart of COP21
- Give the sustainable university movement a 'voice', a sense of solidarity and a stronger means of influencing policy makers

- Put education at the heart of addressing climate change
- Call for ambitious action before and after 2020, a strong legal framework and a long term approach

We challenge you to be a part of this, to create a dialogue with our international guests and come along to our sessions to add your voice to a powerful movement:

- Think Local, Act Global! Global insight to UK sustainability challenges (see page 9)

- Promoting South-North partnerships on Higher Education for Sustainability through GUPES the Global University Partnership for Environment on Sustainability (see page 18)
- Linking with Europe - mapping and building sustainability across universities and colleges in Europe (see page 21)

We look forward to sharing the outcomes of these sessions with our Members after the Conference at www.eauc.org.uk.

Leading the way in reducing the carbon impact of universities and colleges through guaranteed savings

- Guaranteed carbon and energy cost savings (typically 20%-25%* reduction)
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If you would like to discuss how we can help reduce your energy costs, please contact **Howard Stone** on **07789 570 695** or visit britishgas.co.uk/business-services

*Projected savings based on experience in existing energy-saving partnerships. Actual savings depend on building, equipment and installations.



- Workshop Session 6: Serving up Success: Sustainable Catering on Campus**
Leigh Farmer, Marketing Manager, Sustainable Restaurant Association
 Tuesday 24 March, 2:10pm - 3:00pm, Roger Stevens, RSLT2

Join the Sustainable Restaurant Association for a whistle-stop tour of sustainable catering operations. Covering the three core principles of food sustainability – Sourcing, Society and Environment; we'll highlight best practice, workshop waste (prevention) and leave you with top tips for serving up success on campus.
- Workshop Session 7: Where Next for Sector Estates Environmental Metrics?**
Sue Holmes, Director of Estates and Facilities Management, Oxford Brookes and Iain Patton, CEO, EAUC
 Tuesday 24 March, 2:10pm - 3:00pm, Conference Auditorium LT1

Post Green League 2014, with Estates Environmental Metrics now collaboratively owned between EAUC and AUDE, this session will build on the comprehensive work already undertaken within the Estates Management Record and give you an insight and opportunity to feed into current and planned environmental metric development.
- Workshop Session 8: The Revised ISO14001: Reinvigorating your Environmental Management System**
Martin Baxter, Executive Director - Policy and Engagement, Institute of Environmental Management and Assessment
 Tuesday 24 March, 2:10pm - 3:00pm, Roger Stevens RSLT5

The global environmental management system (EMS)

standard ISO14001 is being revised. Significant changes are being made, including: the alignment of environmental management and organisational strategy; taking a life-cycle perspective; managing the impact of the environment on the organisation; and integrating environmental management into core organisational processes. This workshop will provide you with an opportunity to explore how the changes being introduced can add value to your organisation, and enhance the relevance of environmental management to your senior leadership team.
- Workshop Session 9: Management systems - generating resources from waste**
Sunny Pawar, Interim Waste & Resources Manager, King's College London and Tom Yearley, Energy Manager, King's College London
 Tuesday 24 March, 4:10pm - 5:00pm, Roger Stevens, RSLT1

KCL recognise resource wherever possible. This session focusses on the opportunities within your waste stream

to generate revenue. The workshop will highlight recent cases of best practice, including the internal re-use of plant and furniture in a decommissioned halls of residence. Careful management of removal of equipment from the halls led to £80,000 savings. Using well known project management techniques combined with our ISO14001 management system procedures, we have developed a robust approach to waste management to minimise resource use and maximise revenue recovery.
- Workshop Session 10: Quick wins for greening existing buildings using BREEAM**
Gavin Summerson, BREEAM Future Products Manager, BRE Global
 Tuesday 24 March, 4:10pm - 5:00pm, Roger Stevens, RSLT2

The session will focus on how to use BREEAM at the refurbishment and occupancy stage to improve the

sustainability of existing buildings. An overview of the new BREEAM refurbishment and fit-out 2014 and BREEAM In-Use schemes will be provided.

The session will outline some of the quick wins that can be implemented to improve sustainable refurbishment and operation of existing buildings and focus on recent success stories from case study projects.
- Workshop Session 11: What are cycling near misses, why do they matter, and how can we help prevent them?**
Dr. Rachel Aldred, Senior Lecturer in Transport, University of Westminster
 Tuesday 24 March, 4:10pm - 5:00pm, Roger Stevens, RSLT5

Rachel Aldred will speak briefly about emerging findings from the Near Miss Project (www.nearmiss.bike) which

has studied cycling near miss incidents at a national level. This will be followed by an interactive discussion where participants reflect on how the findings could be used to inform their practice.

Rachel leads the Near Miss Project and is a cycling specialist who lectures in transport at the University of Westminster. She has published widely in the field. www.rachelaldred.org



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STEVE CREIGHTON (TEC) and British Gas will deliver an exchange that addresses:

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- What it can deliver
- How providers commonly make their money
- Partnerships, transparency and value for money
- The importance of the client's team in success
- How it can be delivered

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STAND 24**

**TUESDAY 24TH MARCH
1:45PM – 2:10PM**



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Workshop Session 12: From zero to hero - to level four of the Flexible Framework in just six months!
Kevin Casey, Head of Procurement, The University of Manchester; Lucy Millard, Environmental Sustainability Manager, The University of Manchester and Sheri-Leigh Miles, Director, NETpositive Futures
 Tuesday 24 March, 4:10pm - 5:00pm, Conference Auditorium LT1

Social responsibility is one of three strategic goals for the University of Manchester and responsible processes have been identified as a priority. As a major purchaser of goods and services locally, nationally and internationally it is clear that sustainable procurement has a significant role to play. Sustainable procurement at the University of Manchester has been a collaboration between the Central Procurement and Environmental Sustainability teams. Working with NETpositive Futures they have developed a NETpositive approach to procurement that has enabled them to make fantastic progress against the milestones of the Flexible Framework; achieving level four in just six months.

Exchange Session A1: The support required to make Energy Performance Contracting a viable energy and carbon solution (TEC)
Steve Creighton, Senior Relationship & Business Development, The Energy Consortium and Tom Yearley, Energy Manager, King's College London
 Tuesday 24 March, 12:45pm - 1:10pm, Exchange Area A, Exhibition Hall

This session will cover:

- Feedback from Members on the barriers to EPC adoption
- What Members would like to see
- Joining up energy procurement and energy reduction - flex purchasing

Exchange Session A2: Energy Performance Contracting – What it can achieve, the role you can play and the need for transparency
Kostas Papadopoulos, Senior Business Development Manager, British Gas
 Tuesday 24 March, 1:15pm - 1:40pm, Exchange Area A, Exhibition Hall

slowly being adopted within the sector as a viable solution. In this session, British Gas give an honest account of the EPC model. The session will aim to cover:

- What an EPC is, where it does and doesn't work
- What it can deliver
- How providers commonly make their money
- Partnerships, transparency and value for money
- The importance of the client's team in success
- How it can be delivered

With many quick payback measures already implemented, universities and colleges are asking themselves "where next?" for further energy and carbon savings. Energy Performance Contracting is

Exchange Session A4: Biodiversity in the Built Environment - a vision for the future
John Day, Urban Land Management Adviser, RSPB and Mike Harris, Community & Corporate Partnership Manager, Northern England
 Tuesday 24 March, 3:10pm - 3:35pm, Exchange Area B, Exhibition Hall

not only the declines in the wildlife associated with the built environment, but also to make it a better place in which people can live.

This interactive Conference Exchange Session will encourage you to draw on why we should care, consider the solutions and expand your knowledge on what the RSPB does to address the problems and role that Universities and Colleges can take as opinion-leaders in this field.

The RSPB has extensive knowledge of the issues facing the wildlife and people living in our towns and cities. It works in partnership across various sectors to redress

Exchange Session B2: You, an Auditor?
Tim Watts, Operations Manager, Lucideon CICS Limited and Nick Gerrard, Lead Trainer, Lucideon and Principal Consultant, Gerrard Associates
 Tuesday 24 March, 1:15pm - 1:40pm, Exchange Area B, Exhibition Hall

to be a good Auditor? This thought provoking practical session will deliver a gained insight into the character traits that make a valued Auditor and therefore evaluate your own skills.

Your chance to experience the best double-act around (we think) from our Nick and Tim in this taster workshop on Internal Auditing – just what is required

Case study - hear what the Vice-Chancellor of a University stated after achieving UKAS accredited ISO14001 certification and what comments the Environmental Manager made about the benefits they have seen and his recommendations to others about to embark on ISO14001 certification.



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Exchange Session B3: Increasing employee engagement in recycling

Vince Wright, Key Account Manager, Leafield Environmental and Phil Maddox, Managing Director, Leafield Environmental

Tuesday 24 March, 1:45pm - 2:10pm, Exchange Area B, Exhibition Hall

Many organisations underestimate how much waste

is costing; it could be as high as 4% of turnover. Systematic action could save between £400 and £1,000/year for every employee*. With this in mind, our session will discuss how employee engagement should play a major role in the implementation of a recycling scheme. The presentation will cover the benefits of employee engagement and recommend effective communication channels.

*WRAP Green Office: A Guide to a More Cost-effective and Environmentally Sustainable Office 2014.



Exchange Session A5: Carbon Management Planning: Financing and Delivering Success in 2015

Paul Lewis, Energy Services Director, Carbon Credentials Energy Services and John Taylor, Senior Energy Engineer, Carbon Credentials Energy Services

Tuesday 24 March, 3:40pm - 4:05pm, Exchange Area A, Exhibition Hall

What is current best practice when it comes to designing, funding and delivering CMPs, and how can you utilise

this? Following 2014's packed session, our experts will be hosting another interactive discussion on delivering CMPs in the education sector. Informed by the work we have done with EAUC Members in 2014, this Exchange Session will provide guidance on the tools and techniques that attendees can utilise at their institution. The session will incorporate case studies and have a specific focus on how to take the optimal route when funding your CMP, including an evaluation of the Energy Performance Contracting model.



Exchange Session B5: Data Centre Space

John Thompson, CDCDP, Advanced Power Technology Ltd

Tuesday 24 March, 3:40pm - 4:05pm, Exchange Area B, Exhibition Hall

Releasing space within the estate by revitalising existing IT facilities with more efficient, higher density solutions saves money and reduces carbon emissions. Data Centres

by their very nature use large amounts of power, not only to run servers but to cool them. By consolidating services and introducing energy saving practises within the computer room environment, energy use can be halved making a significant reduction to the whole estate carbon footprint. We will look at how engineered as a system solutions enable flexibility of design to allow a greater choice of locations and upgrade strategies for the protection of IT services.



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Learning, Teaching and Research



Workshop Session 13: Selling Sustainability to students: Online strategies for behaviour change

Dr Sarah Speight, Academic Director of Online Learning, The University of Nottingham

Wednesday 25 March, 11:15am - 12:05pm, Roger Stevens, RSLT1

At Nottingham we have been using online learning to increase the sustainability literacy of our students

(and staff). This session will focus upon the strategies used - a mix of practical activities, academic debate and reflection. We will share what's worked well and not so well.

This will include tools for increasing engagement, strategies for dealing with large numbers, and ways of harnessing student experiences to support peer learning. We will be glad to receive advice from fellow delegates too.



Workshop Session 21: Embedding student initiatives into university structures

Kristina Nitsolova, Co-ordinator, Glasgow University Environmental Sustainability Team (GUEST) and Anna-Kathrin Lindner, Sustainable Transport Intern, Glasgow University Environmental Sustainability Team (GUEST)

Wednesday 25 March, 3:40pm - 4:30pm, Roger Stevens, RSLT1

In this interactive session participants will discuss an innovative attempt to reshape staff-student engagement,

using the evolution of an initiative created by a former Green Gown Award winner as a case study. We deliver a brief introduction of how Glasgow University Environmental Sustainability Team has been working towards a greater integration into University structures. Participants will be given the roles of staff and students and a context and asked to interact according to those roles. A group discussion will follow drawing on the feedback of participants. The aim is to gain a deeper understanding of both student and staff perspectives.



Exchange Session A6: Developing responsible students for the future workplace

Paul Cashian, Faculty Director of Learning and Teaching, Faculty of Business, Environment and Society, Coventry University and Tina Bass, Deputy Head, Dept. of Strategy and Applied Management, Faculty of Business, Environment and Society, Coventry University

Wednesday 25 March, 10:15am - 10:40am, Exchange Area A, Exhibition Hall

The session will explore how one large multidisciplinary University Faculty is actively encouraging the development

of responsible attitudes and behaviours in their students. The Faculty, as a signatory to the UN Principles of Responsible Management Education (PRME) initiative, recognises the importance of all students being aware of issues around sustainability and the need to adopt responsible and ethical work practices in their future careers. Although the context for the session is Higher Education, the student focused approach taken could be equally applicable to Further Education. The session will outline the approach adopted, including mini case studies and an interactive learning activity.



Exchange Session A8: Love Food Hate Waste - Save More: helping people to save money by reducing food waste

Helen White, Senior Consultant (Communications), Resource Futures Ltd. and Alice Maxwell-Lyte, Junior Consultant, Resource Futures Ltd.

Wednesday 25 March, 12:10pm - 12:35pm, Exchange Area A, Exhibition Hall

Save More is a FREE learning resource with an important message: save money by reducing food waste. Supported

by LFHW, the UK campaign to raise awareness of the need to reduce food waste, and designed for use with hard-to-engage adults who need to minimise their food budgets. Save More's fun, informative and interactive activities were devised and expert-reviewed by professionals and tested in the community, including adult education settings.

Save More aims to help people to get more out of the food they buy by improving shopping habits and budgeting skills, as well as kitchen/cooking practices. Taste it here today!



Exchange Session B10: Ensuring we produce sustainability literate graduates - a new global response

Jean-Christophe Carteron, CSR Director, Kedge Business School (Fr) and Jane Davidson, Associate Pro Vice-Chancellor for Sustainability and Engagement, University of Wales Trinity Saint David

Wednesday 25 March, 1:10pm - 1:40pm, Exchange Area B, Exhibition Hall

Sustainability Literacy is the knowledge, skills, and mindsets

that help compel an individual to become deeply committed to building a sustainable future and allow him or her to make informed and effective decisions to this end. For the first year, more than 300 universities from 34 countries registered to the Sustainability Literacy Test and almost 27000 students took the test. This session will be an opportunity to give delegates an update on the Test, how it was received at the UN conference in Nagoya, its current global reach and critically, how it is improving. The session will benefit from a first-hand experience of implementing the test at University of Wales Trinity Saint David.





Health and Wellbeing

Early morning activities: please visit the EAUC stand in the Exhibition Hall to sign up for the following activities prior to the final plenary on Tuesday 24 March:

RSPB led bird walk - Wednesday 25 March, meet at 7:20am for departure at 7:30am on lawn outside Leeds University Union (see map on page 3). If you signed up at registration, you must also confirm your place at the EAUC stand.

Yoga - Wednesday 25 March, meet at The Edge Reception at 6:50am, activity 7:00am - 8:00am, **only 15 places available!** Please wear comfortable and loose fitting clothing (not restrictive) and bring a sweater.

Climbing - Wednesday 25 March, meet at The Edge reception at 6:50am, activity 7:00am - 8:00am, **very limited availability - only six**

places available! Please wear sportswear (not restrictive). Climbing shoes and harnesses will be provided.

Pedometer challenge: Travel Plan Services (Stand 31) are handing out free pedometers. Collect one and then enter your steps onto the leader board – there's a prize for the winner!



Swim and gym - Delegates have free use of the gym and swimming pool at The Edge, whilst it's not in use. Scan this QR code for swimming pool timetable information. If visiting the gym you will need to fill out a health questionnaire.

Main Conference



Partnership and Engagement

Workshop Session 14: Avoiding the Perfect Storm - The Critical Role for Universities and Colleges to Develop Organisational Capability through Individual Competence

Jonathan Nobbs, Head of Partnership, IEMA; Nick Blyth, Policy Lead, IEMA and Rachel Drayson, Senior research officer – Sustainability, NUS

Wednesday 25 March, 11:15am - 12:05pm, Roger Stevens, RSLT2

Delegates will get the opportunity to hear directly

from the NUS on their ground-breaking research into student experiences and expectations for the higher education sector on sustainability. The presenters will then link the research to work undertaken by IEMA, the professional body for environment and sustainability, in relation to the competence requirements for graduates as demanded by global employers. Delegates will also get the opportunity to provide feedback on the competence requirements and to hear about tools developed by both organisations to drive employability and cultural change, across the sector.

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Workshop Session 15: Biodiversity in Leeds - Challenges and Success

Michael Howroyd, Sustainability Projects Co-ordinator, The University of Leeds

Wednesday 25 March, 11:15am - 12:05pm, Roger Stevens, RSLT5

In 2011, in the middle of the largest capital programme the University has seen since the 1960s, we launched our first biodiversity action plan. In the years since this

launch, we have established a well reputed biodiversity group, developed close links with local community action groups and become actively engaged with our estates capital, refurbishment and grounds teams. Going forward, our new 'biodiversity standard' will aim to make us an exemplar of urban biodiversity that improves our biodiversity, meets the requirements of all campus users, increases engagement and uses the campus as a living laboratory for learning, teaching and research.

Workshop Session 17: MetMUnch: A Magic Recipe For Success

Haleh Moravej, Senior Lecturer, Manchester Metropolitan University; Floyd Johnson, MetMUncher, Nutritional Sciences Student, Manchester Metropolitan University and Abdullah Al Ali, MetMUncher, Nutritional Sciences Student, Manchester Metropolitan University

Wednesday 25 March, 1:40pm - 2:30pm, Roger Stevens RSLT17

MetMUnch is a creative student enterprise that will share their inspirational story from inception in 2011 to winning

EAUC national and international Green Gown Awards in 2014. In the first year, MetMUnch developed its reputation with a series of 'flash' interventions and pop-up cafes, in the second year, activities moved into the local community, and in the third year addressed skills and knowledge acquisition through the delivery of workshops to external and internal partners. MetMUnch's story should demonstrate how nurturing entrepreneurship and transforming engagement skills for students and staff can enhance student experience, create global citizens and life-wide and life-long education for individuals through foodie fun!

Workshop Session 18: Promoting South-North partnerships on Higher Education for Sustainability through GUPES the Global University Partnership for Environment on Sustainability

Mahesh Pradhan, UNEP; Gitile Naituli, Multimedia University Nairobi and Fengting Li, Dy Dean, IESD, Tongji University, China

Wednesday 25 March, 1:40pm - 2:30pm, Roger Stevens, RSLT2

In the lead up to the Rio+20 Summit, UNEP launched the Global Universities Partnership on Environment and Sustainability (GUPES), which currently involves over

520 Universities primarily from developing regions, and closely aligned to the Higher Education Sustainability Initiative (HESI). This session will focus on sharing knowledge, experiences and partnerships from Africa and Asia, drawing on the Mainstreaming Environment and Sustainability in African Universities (MESA) partnership as well as the Asia Pacific Regional Universities Consortium on Environment for Sustainable Development (RUC-AP), coordinated by Tongji University in Shanghai, China. Specific educational resources in support of the Global Action Programme on Education for Sustainable Development focusing on Climate Change, Ecosystems Management, and Disasters Risk Reduction will be presented during this session, drawing on the knowledgebase of United Nations Environment Programme.

Workshop Session 22 - Building momentum from the Students' Green Fund and beyond: where next for student-led action on sustainability?

Emily Thompson-Bell, Students' Green Fund Programme Manager, NUS; Teresa Sheppard, Roehampton University Students' Union; Anna-Marie Vickerstaff, Leeds University Union and Rachel Purdon,

Gloucestershire University Students' Union
Wednesday 25 March, 3:40pm - 4:30pm, Roger Stevens RSLT17

This workshop will open with key learnings from NUS Students' Green Fund projects, and then pose crucial discussion topics about what the future might hold for student engagement and student governance on sustainability.

Workshop Session 23 - Partnerships; making it real!

Wendy Smith, Community Engagement Lead, Peninsula Dental Social Enterprise and Rob Witton, Director of Social Engagement and Community Based Dentistry, Peninsula Dental School

Wednesday 25 March, 3:40pm - 4:30pm, Roger Stevens, RSLT5

Community and social awareness forms an important part of the programme at the Peninsula Schools of

Medicine and Dentistry; this inclusive approach ensures we work in a meaningful way with our partners. This session will encourage participants to think creatively about health improvement and the benefits of effective partnerships. We will illustrate how this approach enhances initiatives and dental education. Using examples, we will illustrate how this approach enhances initiatives for the community as well as dental student education. You will have the opportunity to discuss the pros and cons of multi-agency working and how it could work for you!



Green Gown Awards

Exchange Session B6: Growthampton: Roehampton's Sustainability Project

Jonathan Horner, Environmental Manager, Estates and Campus Services, University of Roehampton; Joel Williams, Growthampton Grower, Roehampton Students' Union and Teresa Sheppard, Growthampton Development Officer, Roehampton Students' Union

Wednesday 25 March, 10:15am - 10:40am, Exchange Area B, Exhibition Hall

Growthampton is a sustainability initiative funded by the National Union of Students' Green Fund and run by Roehampton Students' Union, working in

partnership with the University's Environment Team. Growthampton's overall vision is for students and staff at Roehampton to embed sustainability in their everyday lives on campus and beyond. Established in September 2013 we already have growing spaces in each College and a hub for sustainability.

The former provides vegetables for our weekly Farmer's Market, and the latter provides varied opportunities enabling students, staff and the wider community to engage with sustainability and have a positive impact on the environment.



Exchange Session A9: Electronics Watch - the value in responsible procurement

James Dixon-Gough, Sustainable Development Officer, University of Leeds, Sustainability Service

Wednesday 25 March, 12:40pm - 1:05pm, Exchange Area A, Exhibition Hall

The session will explore responsible procurement using Electronics Watch as an example. It will discuss the potential barriers for Higher and Further Education

to embed social impacts and opportunities into their purchasing and how these might be overcome by increasing the importance of value versus cost.

As well as offering Electronics Watch as a potential solution for an important category spend, it will help sustainability professionals to identify practical steps to recognise and embed social value within their organisation's purchasing decisions.

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Leadership and Governance

Main Conference



Workshop Session 16: Greening the Tiger - Investing positively

Will Oulton, Global Head of Responsible Investment, First State and Yann Gindre, Director, Networks & Global Outreach, UNPRI

Wednesday 25 March, 11:15am - 12:05pm, Roger Stevens RSLT17

The way universities and colleges invest is becoming increasingly important and this session will provide an

overview of options for the sector in terms of responsible and positive investments. Investments are often complex for institutions and we will discuss the issues with a panel session, providing you with a strategic approach to take back to your institutions on how to get finance directors engaged in this area and what information you would need to get your institution to take positive actions. We will be looking at a variety of options available to institutions, specifically looking at positive investments, so whatever your needs this session will provide you with clear actions.



Workshop Session 19: A Sustainability Strategy for the University of Leeds - Becoming the Architects of Possibility

Claire Bastin, Sustainability Manager, University of Leeds, Sustainability Service

Wednesday 25 March, 1:40pm - 2:30pm, Roger Stevens, RSLT5

Sustainability at the University of Leeds has a high profile. Our aim is to become a University with a reputation for outstanding performance on

sustainability; this aim is being realised throughout the organisation by embedding our ambitious new Sustainability Strategy. This session presents the University of Leeds Sustainability Strategy; detailing how it emerged from an extended consultation process, how the strategy is being delivered and embedded across campus, and how the strategy supports and is integral to wider University governance structures. It concludes with thoughts on relevance to other institutions in the sector and next steps for the sustainability service.



Workshop Session 20: Building Resilience into the Future of University Governance - A Business Guide for University Governors

Professor Wendy Purcell, President, Plymouth University and Iain Patton, CEO, EAUC

Wednesday 25 March, 1:40pm - 2:30pm, Roger Stevens RSLT1

This session will formally launch the Business Guide for University Governors - an exciting new publication

developed by the EAUC with Plymouth University, supported by the Leadership Foundation for Higher Education and the Committee of University Chairs. Taking a new perspective on sustainability issues, this guide sets out the hard-hitting business reasons for embracing sustainable operations and how this will reap the benefits for an organisation's bottom-line. Including a wealth of inspiring case studies from across the sector, this guide will show Governors how to get ahead - and stay ahead - in an increasingly competitive environment.



Workshop Session 24: Negotiating and Influencing in 50 minutes

Rob Hunt, Chairman, Papillon Du Bois Ltd

Wednesday 25 March, 3:40pm - 4:30pm, Roger Stevens RSLT2

This is an interactive workshop aimed at sharpening negotiation skills using behaviour analysis, negotiation processes and question styles which have proved to be highly effective in educational establishments. The workshop is designed for anyone in tertiary

education who needs to negotiate with others. At the end of the workshop the following should be achieved:

1. Delegates can recognise their own behaviour, compare it with those who differ and adjust it to improve relationships during negotiations within the tertiary education sector
2. Delegates' capacity to question and listen improves
3. Delegates understand the seven stages of negotiating
4. Delegates understand a tactical approach to negotiations



Exchange Session A7: Linking activity in Europe - UNEP mapping and building sustainability across universities and colleges in Europe

Wayne Talbot, WTA Education Services and Mahesh Pradhan, UNEP

Wednesday 25 March, 10:45am - 11:10am, Exchange Area A, Exhibition Hall

There is a lot of activity across European colleges and universities but it isn't always clear how we can link with it and more importantly learn from it. UNEP has commissioned a project to map activity and find new ways to build partnerships. This session will be of interest to UK and mainland Europe delegates interested in building project and institutional relationships and understanding.





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Exchange Session B7: Nature: The Time for a Re-Think?
Richard James MacCowan, Director and Co-Founder, Biomimicry UK and Nick Taylor-Buck, Research Associate, The Sheffield Urban Institute
 Wednesday 25 March, 10:45am - 11:10am, Exchange Area B, Exhibition Hall

Taking the lead from Giles Hutchins (Wednesday morning keynote), we show what the possibilities are for change if more decision-makers understand the need for transformative vision, linking with the University of Leeds initiative whereby every student can take a module in sustainability. We show how biomimicry can help them achieve their goals. We will talk about what we can do now if decision-makers accept that learning from nature has an important role to play. Sustainability will be broken down into four elements: economy, society, ecology and environment, and the role of biomimicry will be highlighted showing how it can be used to move to a regenerative future, linking to the European Commission's push for the delivery of nature-based solutions as a key part of Horizon 2020.

Exchange Session B4 and B8: The Emerging Science and Style of Biophilic Design: Unlocking Nature's Secrets to Improve Health, Well-being and Effectiveness in Our Learning Environments
Oliver Heath, Biophilic Design Ambassador, Interface, Heath Design Ltd.
 Tuesday 24 March, 3:10pm - 3:35pm, Exchange Area B, Exhibition Hall and Wednesday 25 March, 12:10pm - 12:35pm, Exchange Area B, Exhibition Hall

The emerging science of biophilic design looks at using the principles underpinning human's innate connection to nature and natural processes to improve the quality of the many spaces that we live, learn and work in. Through strengthening our connection to nature within the learning environment, we can realise tangible benefits to health and well-being, resulting in improvements in concentration, productivity and creativity, whilst reducing stress and anxiety for an improved student and staff experience.

With sustainability rising up the agenda, hear how research demonstrates that human engagement through biophilic design within our built environment can realise benefits to the triple bottom line of people, profit and the planet.


Exchange Session B9: What's your LiFE story?
Lisa Walkley, Membership and Communications Manager, EAUC
 Wednesday 25 March, 12:40pm - 1:05pm, Exchange Area B, Exhibition Hall

Since we launched Learning in Future Environments (LiFE) as a free Member service back in 2014, we've been delighted with how many institutions have been considering its use as a tool to guide you through the design, planning and delivery of your strategic sustainability activities.

In this exchange session, we'd like to hear from you on how you've engaged others with LiFE, how you've used it to input your activities, set targets and also give us some feedback on future improvements. If you haven't logged into LiFE yet, come along and hear how it can help you, regardless of where you are starting from.

Exchange Session A10: Net-Works project: Developing an inclusive business model with positive social, business and environmental impact
Louise Swift, Public Sector Sales Director, Interface
 Wednesday 25 March, 1:10pm - 1:40pm, Exchange Area A, Exhibition Hall

The Net-Works programme evolved from a need to find a better way of doing business. It's a unique solution, innovating a new source of recycled Nylon-6, which not only helps Interface achieve its sustainability strategy, but also provides support and incentives for some of the poorest people in the world to protect their natural environment. Net-Works illustrates how the triple bottom line can be achieved in practise and its success has been so great, the project is now expanding into Cameroon. An introduction to BIM and its importance to manufacturers within the wider context of the future built environment for education.

Exchange session A11: Core skills for negotiating with and influencing others
 *Rob Hunt, Chairman, Papillon Du Bois Ltd*
 Wednesday 25 March, 2:35pm - 3:00pm, Exchange Area A, Exhibition Hall

Attendees will be taken on a humorous, but deeply relevant, journey through the core skills needed to influence others and negotiate more effectively. Discover how a complex subject can seem so simple yet be really challenging. Rob will take you on a journey of self-discovery and will equip you with powerful everyday interactive tools.

Exchange session B11: A Dream of a Low Carbon Future
James McKay, Centre Manager, EPSRC Centre for Doctoral Training in Low Carbon Technologies
 Wednesday 25 March, 2:35pm - 3:00pm, Exchange Area B, Exhibition Hall

This exciting project is intended to engage the public in imagining what life will be like in a positive, sustainable, equitable low carbon society in 2150AD. 150 researchers, academics, artists, writers and school children are involved, and anyone can contribute. The final product will be a lavishly illustrated 'magazine from the future'.

In this session participants will receive an introduction to the project and are invited to answer some set questions on posters and brainstorm ideas with their fellow delegates. There are no right or wrong answers and the issues are highly controversial so please bring an open mind!





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Ceri Griffin Business
Development Manager

07794532118
cerig@cyclesolutions.co.uk

FE Sustainability Summit Programme

TIME	PROGRAMME	LOCATION
9.00am - 10:20am	Welcome to the EAUC Annual Conference 2015 and the University of Leeds Keynote Speaker: Next generation sustainability at The University of British Columbia: beyond harm reduction - <i>John Robinson, Associate Provost, Sustainability, The University of British Columbia</i>	Conference Auditorium LT1
10:20am - 10:25am	Welcome to the Further Education Sustainability Summit - <i>Ian Munro, Association of Colleges Lead for Sustainability, and Regional Director and Robert Bellfield, Chair of EAUC Board and Principal, Craven College</i>	Conference Auditorium LT1
10:25am - 10:30am	Summit Sponsor Introduction: External International Recognition for Environmental Efforts - <i>Tim Watts, Operations Manager, Assurance, Lucideon</i> <input type="checkbox"/>	Conference Auditorium LT1
10:30am - 11:00am	Keynote Speaker: Colleges' role in achieving Sustainable Economic Development - <i>Ian Billyard, Principal, Leeds College of Building</i> <input type="checkbox"/>	Conference Auditorium LT1
11:00am - 11:20am	Refreshments	Conference Auditorium Foyer
Workshop Sessions - 2 x 40 minute sessions		
Workshop Sessions - 2 x 40 minute sessions	11:20am - 12:00noon: Workshop 1: Developing STEM and English skills through a sustainability focus - <i>Cerian Ayres, Head of Quality, CPD & Teacher Education, Petroc</i> <input type="checkbox"/>	Roger Stevens RSLT17
	12:00noon - 12:40pm: Workshop 2: Developing Green Graduates in FE: Case Studies from the Students' Green Fund and Responsible Futures - <i>Quinn Runkle, NUS; Valerie Petersen, Online Lecturer and Sustainability Project Coordinator, Sheffield College and Christina Donovan, Wigan and Leigh College</i> <input type="checkbox"/>	Roger Stevens RSLT17
12:40pm - 2:10pm	Exhibition open with Gold Food for Life lunch available: be sure to visit the stands and scan your QR codes to enter the raffle at the EAUC Stand. Raising the Sustainability Bar - an opportunity to meet one-on-one with our Headline and Support Sponsors. Exchanges: 25 minutes bite-sized sessions taking place inside the Exhibition Hall. View the main programme (page 7) plus we have a dedicated FE exchange: 	Exhibition Hall
Exchange sessions - 25 minutes	12:45pm - 1:10pm: Exchange B1: Staff and Student Engagement, <i>Pam Reynolds, Sustainability Manager, Blackpool and The Fylde College</i> <input type="checkbox"/>	Sports Hall Exchange Areas A and B are within the Exhibition Hall. Please see the exhibition plan on page 29 for further information
	1:45pm - 2:10pm: Exchange A3: Salix and EAUC College Energy Fund, <i>Claire Banham-Godfrey and Craig Mellis, Salix</i> <input type="checkbox"/>	
Workshop Sessions - 2 x 40 minute sessions		
Workshop Sessions - 2 x 25 minute sessions	2:10pm - 2:35pm: Workshop 3: Workforce skills for sustainable development - mapping demand and supply using college data - <i>Graham Whalley, Deputy Director, RCU</i> <input type="checkbox"/>	Roger Stevens RSLT17
	2:35pm - 3:00pm: Workshop 4: Achieving continuous improvement at City College Plymouth - <i>Gil Snook, Head of Estates and Laura Parry, Sustainability Officer</i> <input type="checkbox"/>	Roger Stevens RSLT17
3:00pm - 3:30pm	Exhibition open with refreshments available: be sure to visit the stands and scan your QR codes to enter the raffle at the EAUC Stand. Exchanges: 25 minutes bite-sized sessions taking place inside the Exhibition Hall.	Exhibition Hall
3:40pm - 4:15pm	Keynote Speaker: Environmental sustainability - business response and challenges - <i>Nigel Marsh, Global Head of Environment, Rolls-Royce plc</i> <input type="checkbox"/>	Roger Stevens RSLT17
4:15pm - 4:50pm	Panel Session: Leadership, funding and horizon scanning in Further Education <i>Facilitated by Iain Patton, CEO, EAUC and Panel Members:</i> • <i>Robert Bellfield, Chair of EAUC Board and Principal, Craven College</i> • <i>Nigel Marsh, Global Head of Environment, Rolls-Royce plc</i> • <i>Tim Weiss, Director of Strategy, Quality and Research, The Education and Training Foundation</i> • <i>Angus Allen, Deputy Principal, South Lanarkshire College and EAUC-Scotland Convenor</i> <input type="checkbox"/>	Roger Stevens RSLT17
4:50pm - 5:00pm	Further Education Sustainability Summit close - <i>Ian Munro, Association of Colleges Lead for Sustainability & Regional Director</i>	Roger Stevens RSLT17
5:10pm - 6:00pm	The City, Learning and a Sustainable Future: A dialogue <i>Chaired by: Professor Gary Dymski, University of Leeds and Panel Members. Speakers: Tom Riordan, CEO, Leeds City Council and Chris Brown, Director of Sustainable Business, ASDA</i>	Conference Auditorium LT1

Further Education Summit

FE Sustainability Summit Synopses

<input type="checkbox"/>	<p>Summit Sponsor Introduction: External International Recognition for Environmental Efforts <i>Tim Watts, Operations Manager, Assurance, Lucideon</i> Tuesday 24 March, 10:25am - 10:30am, Conference Auditorium, LT1</p>	<p>Tim will share a UKAS accredited ISO14001 university case study, environmental management system, for which Tim was the Auditor and touch upon ISO50001, the international best practice for energy management.</p>
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Keynote Speaker: Colleges' role in achieving Sustainable Economic Development

Ian Billyard, Principal, Leeds College of Building
 Tuesday 24 March, 10:30am - 11:00am, Conference Auditorium, LT1

The presentation considers 'Sustainable Construction' and the role that Leeds College of Building will play in supporting this. The Construction sector is a major contributor to

carbon emissions and waste. This is recognised in numerous publications, including the Construction Strategy 2025 which seeks to reduce carbon emissions by 50%, over the period to 2025. This together with the forthcoming elections, the growing skills shortages and reducing SFA support for education and training place enormous pressures on the Further Education sector; particularly if it is to play an important role in supporting businesses to achieve these ambitious targets.

Workshop Session 1: Developing English and STEM skills through a sustainability focus

Cerian Ayres, Head of Quality, CPD & Teacher Education, Petroc
 Tuesday 24 March, 11:20am - 12:00noon, Roger Stevens, RSLT17

A workshop exploring the ways in which STEM literacy can be developed in all learners, giving them vital thinking and learning tools and skills that they can use in every subject, as well as equipping them effectively to succeed in our modern technological society. Practitioners will have the opportunity to build a bank of classroom ready resources that have been successfully used to embed sustainability across the curriculum.

Workshop Session 2: Developing Green Graduates in FE: Case Studies from the Students' Green Fund and Responsible Futures

Quinn Runkle, NUS; Valerie Peterson, Sheffield College and Christina Donovan, Wigan and Leigh College
 Tuesday 24 March, 12:00noon - 12:40pm, Roger Stevens, RSLT17

Today's graduates will play a critical role in solving the world's greatest challenges. Colleges across

the UK are beginning to develop green graduates who are truly prepared for a job in a low-carbon economy. This session will help delegates to articulate desired learner attributes around sustainability and social responsibility; examine strategies for fostering institutional change; and learn from case studies of colleges who are making progress in this area. Delegates will leave with a stronger understanding of education for sustainable development and tangible next steps to implementing whole-institution change.

Exchange Session B1: Staff and Student Engagement

Pam Reynolds, Sustainability Manager, Blackpool and The Fylde College
 Tuesday 24 March, 12:45pm - 1:10pm, Exchange Area B, Exhibition Hall

Using Benjamin Franklin's premise "Involve Me and I'll Learn", staff and students have been actively involved in a range of projects, events and activities promoting sustainability. This engagement method, coupled with current economic trends and a need to take more responsibility for our own actions, has seen staff and student participation soar.

Exchange Session A3: Salix College Energy Fund

Claire Banham-Godfrey, Client Support Officer, Salix Finance and Craig Mellis, Technical Services Manager, Salix Finance
 Tuesday 24 March, 1:45pm - 2:10pm, Exchange Area A, Exhibition Hall

Salix will be hosting an exchange to inform Further Education Colleges of the funding streams currently available and will review the Salix College Energy Fund, in partnership with the EAUC. The exchange will equip delegates with the essential knowledge to make a Salix application.

There will be examples of past projects, eligible technologies and a comprehensive break down of the application process, including how the loan is structured.

It will give insight into the technical and financial aspects of a Salix application. Salix will also report on the success of the recent FE Colleges fund, including the most popular technology types and exemplar projects. There will be a Q&A at the end and a member of the technical services team will be present to answer for any technology specific questions.



Workshop Session 3: Workforce skills for sustainable development - mapping demand and supply using college data
Graham Whalley, Deputy Director, RCU
 Tuesday 24 March, 2:10pm - 2:35pm, Roger Stevens RSLT17

RCU has recently completed an in-depth analysis of education and training programmes for Sustainable Development in colleges, with a particular focus on demand and supply within the LEP regions. Findings of this research will be presented in this workshop, with ample opportunity for questions and answers.

Workshop Session 4: Achieving continuous improvement at City College Plymouth
Gil Snook, Head of Estates, City College Plymouth and Laura Parry, Sustainability Officer, City College Plymouth
 Tuesday 24 March, 2:35pm - 3:00pm, Roger Stevens RSLT17

City College Plymouth has experienced a challenging sustainability journey to date, but continue to drive forward to make a change. This workshop will cover the College's development in key areas including energy management, waste management, biodiversity/conservation, Fairtrade and green travel and how they are working with teaching staff to embed sustainability into the curriculum.

Keynote Speaker: Environmental sustainability - business response and challenges
Nigel Marsh, Global Head of Environment, Rolls-Royce plc
 Tuesday 24 March, 3:40pm - 4:15pm, Roger Stevens RSLT17

re-communicate this to your stakeholders and what the focus should be across all three pillars of 'people, planet, profit'. In addition, for many there is a lack of capability and skills to move the agenda forward in a meaningful way.

In his presentation, Nigel will aim to share how this is currently being played out in the Aerospace sector with a focus on the E pillar of sustainability for both our products and our manufacturing operations.

Panel Session - Leadership, funding and horizon scanning in Further Education
Facilitated by Iain Patton, CEO, EAUC and Panel Members: Robert Bellfield, Chair of EAUC Board and Principal, Craven College; Nigel Marsh, Global Head of Environment, Rolls-Royce plc; Tim Weiss, Director of Strategy, Quality and Research, The Education and Training Foundation and Angus Allen, Deputy Principal, South Lanarkshire College and EAUC-Scotland Convenor
 Tuesday 24 March, 4:15pm - 4:50pm, Roger Stevens RSLT17

This panel session will provide delegates with the latest thinking on the challenges and the opportunities for colleges. We will be exploring good governance, how to differentiate your college and how to survive with the limited funding that is available.

You will get insight into successful partnerships, the future needs of industry, enterprise and how to retain staff whilst meeting sustainability challenges.



Transformational Leadership Summit Programme

The EAUC is delighted to welcome delegates to the inaugural UK delivery of the Core Business Integration of Sustainability (CBIS) Executive Programme, developed in partnership with Leith Sharp, Director of Executive Education for Sustainability, Harvard University Centre for Health and the Global Environment.

CBIS is a new way of approaching organisational change based on the real world experience of sustainability professionals. This transformational model is non-proprietary and represents over a decade of thought partnership. It is being shared through a growing number of best-in-class executive education and change leadership offerings around the world. This Summit is designed to introduce participants to the CBIS model and help them to move sustainability to the centre of their organisational agenda.

We developed this Summit to respond to the growing need for new sustainability leadership and to provide development opportunities for our more experienced Members. To take this further, delegates will have the opportunity to be part of an alumni circle to connect with peers and steer the ongoing development of the programme, within the UK and globally.

Overview

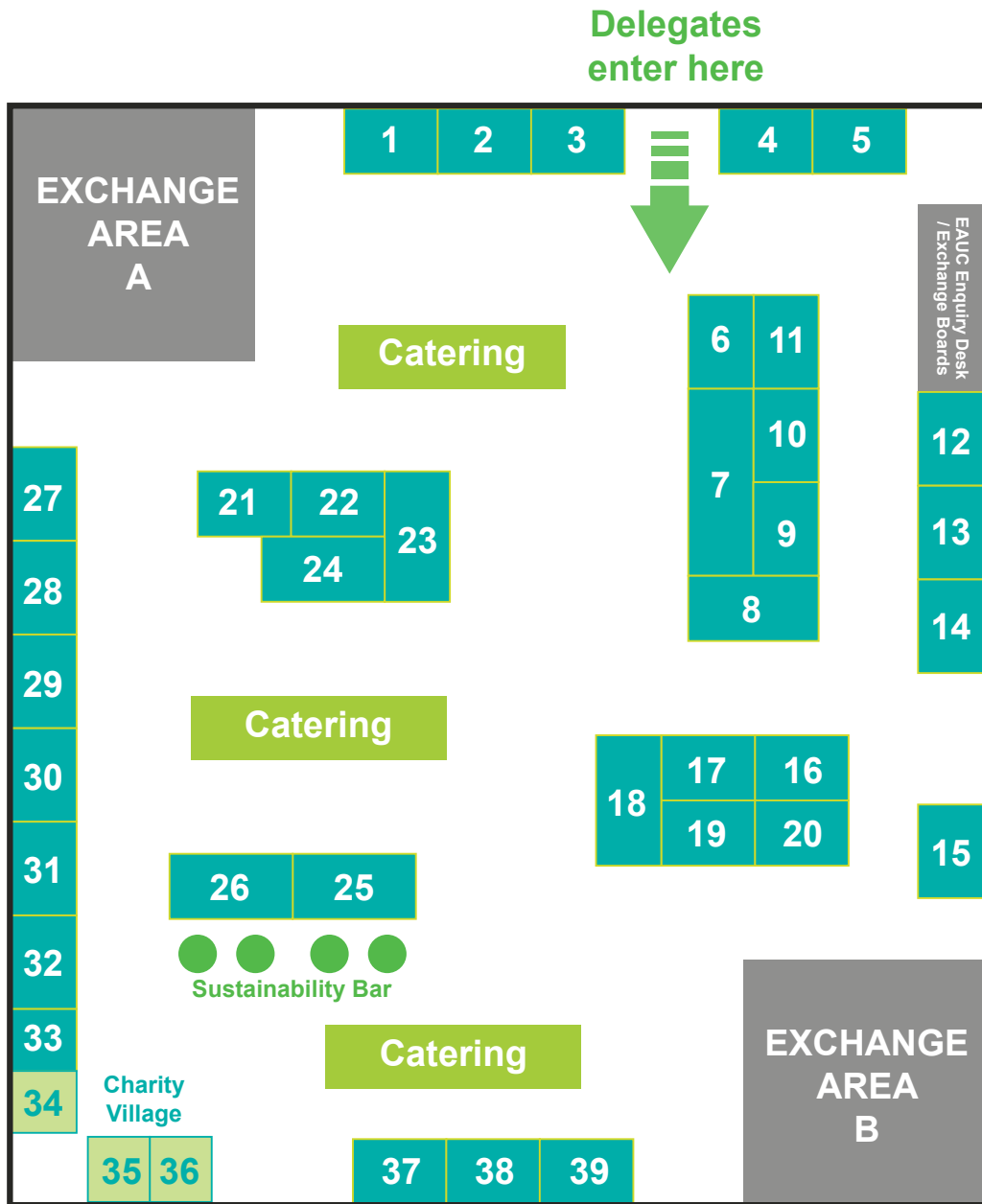
Driving sustainability into an institution's core mission, positioning the institution to "do well by doing good" is the complex leadership challenge of the 21st century. It requires the transformation of long-standing organisational identity, culture, and processes so change, innovation and agility become possible. It requires new levels of engagement, performance, and shared purpose across the institution.

This programme introduces participants to conceptual framework that enables institutions to undertake this transformation by positioning sustainability as a solution for their organisation. This framework was recently launched and validated at an executive education program at Harvard University.

Please note: Places for this Summit are fully booked. If you indicated at registration that you are attending the Summit you must attend the whole programme (all three sessions) to fully benefit.

TIME	PROGRAMME	LOCATION
From 7:00am	Early morning activities RSPB led bird walk, Climbing, Yoga, Swimming Pool and Gym (available according to Sports Centre timetable) Please see details on page 17 	All at University of Leeds
09:00am - 10:10am	Welcome to the EAUC Annual Conference 2015 and the University of Leeds Short introduction from our Headline sponsor - Carbon Credentials Keynote speaker: Radical Sustainability - Going Beyond Sustainability 2.0 - Giles Hutchins, Speaker, writer, adviser, author of The Illusion of Separation	Conference Auditorium LT1
10:05am - 11:10am	Exhibition time, refreshments and exchanges Please see Main Conference programme on page 8 for exchange sessions	Exhibition Hall
11:20am - 12:00pm	Introduction to the Summit: Iain Patton, CEO, EAUC Short introduction from Summit Sponsor: How transformational vision and leadership can lead to the integration of sustainability as standard - Louise Swift, Public Sector Sales Director, Interface Summit Session 1: Core Business Programme: Conceptual Landscape An introduction to the CBIS concept and key ideas - Facilitated by Christa Gyori, Unilever USA and Rosi Kerr, Dartmouth University, USA	Michael Sadler Building LG10
12:05pm - 1:40pm	Exhibition - Gold Food for Life lunch, exchanges and Raising the Sustainability Bar  Please see Main Conference programme on page 8 for exchange sessions	Exhibition Hall
1:45pm - 3:10pm	Summit Session 2: Core Business Programme Activity: Applying the CBIS framework within your institution - Facilitated by Christa Gyori, Unilever USA and Rosi Kerr, Dartmouth University, USA	Michael Sadler Building LG10
3:10pm - 3:30pm	Refreshments and networking	Michael Sadler Building LG10
3:30pm - 4:30pm	Summit Session 3: Core Business Programme: Case Studies International case studies showing how to the CBIS frameworks come to life in their institutions - Rosi Kerr, Dartmouth University, USA and Leanne Denby, Macquarie University, Australia	Michael Sadler Building LG10
4:40pm - 5:30pm	Keynote: Treaty and TarSands from the Front Line - Crystal Lameman, SW, BGS, B. Ed	Conference Auditorium LT1





Exhibitors					
Company	Stand No	Company	Stand No	Company	Stand No
Advanced Power Technology Ltd	23	Elcomponent Ltd	5	Salix Finance Ltd	8
APTech Group	20	Excel Dryer (UK) Ltd	4	Schneider Electric	16
Axiomatic Technology Ltd	30	Glasdon	33	Schneider Electric	17
British Electric Lamps	38	Global Action Plan	35	Severn Trent Services	2
British Gas	25	GOUPIL INDUSTRIE	27	SITA UK	1
Building Sustainability Limited	10	Iceotope	14	The Energy Consortium (Education & Public Sector)	24
Car Parking Partnership	13	Interface	18	Travel Plan Services Ltd	31
Carbon Credentials	7	iPower Energy Ltd	11	Trend	21
Cycle Solutions	28	Leafield Environmental	26	TUCO Ltd	29
d+b facades UK Ltd	22	Lucideon	19	Tusker	3
DANLERS Limited	39	recyclable-displays.com	15	Veolia	9
DŌ Sustainability	34	RICS	37	Warp It	12
eco action games	36	Rural Energy	32	Wybone	6

Exhibition



Sponsor Profiles

Headline Sponsor

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Combine our extensive range of colours, textures and patterns to create the perfect space to stimulate the senses and the mind. Interface, one of the first companies to publicly commit to sustainability, made a pledge in the mid-nineties to eliminate its impact on the environment by 2020. Defined as Mission Zero®, it influences every aspect of the business.

www.interface.com

Leaffield Environmental



Leaffield Environmental, a Silver EAUC Company Member, has been developing ideas and building strong relationships with universities and colleges in recent years, including Greenwich, Coventry, Loughborough and Bath Spa.

Our flagship Meridian recycling bin was born because Greenwich University couldn't find an 'off the peg' solution suitable for its diverse mix of faculty buildings.

The Meridian offers up to three waste streams in one compact flat-backed unit which takes up much less space than individual recycling bins. Universities and Colleges like to work with us because we listen and provide support from first brief and design stage through to installation.

www.leaffieldrecycle.com

Salix Finance Ltd



Salix Finance Ltd is a not-for-profit organisation, delivering 100% interest-free capital finance to the Public Sector, to improve their energy efficiency. Salix has been working with Higher and Further Education bodies since 2006 and has funded over £31 million of projects in the Further Education sector and over £94 million in the Higher Education sector.

Salix has also just closed the £34 million HEFCE/Salix RGF4 round and the £5 million Salix/EAUC college energy fund. Salix currently has interest-free capital finance available for energy efficiency projects, which is accessible for colleges and universities in England, Scotland and Wales.

www.salixfinance.co.uk



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www.eauc.org.uk

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**The Energy Consortium
(Education & Public Sector)**



The Energy Consortium (TEC) provides energy solutions to universities and colleges. As a non-for-profit public sector buying organisation, it is fully committed to sharing best practice and cost saving advice in energy procurement.

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www.tec.ac.uk

**Further Education Summit
Sponsor**

Lucideon



Provider of sustainability assurance and management systems certification and training. Independent assurance of carbon/ water footprints, sustainability/ environmental reports. Certification to ISO50001 of energy management systems and to ISO14001 of environmental management systems. All services carried out to internationally recognised standards/ guidelines. Extensive experience of working with universities and colleges nationally.

www.lucideon.com

Exhibitor Profiles

APTech Group



APTech group is the manufacturer of the EnduroSOLV line of blended solid concentrate products which provide a safe and environmentally responsible solution to treating water used in boilers, cooling towers and closed loop systems. Our products offer state of the art protection and control whilst reducing environmental impact and risk.

www.endurosolv.com

Axiomatic Technology Ltd



Axiomatic are space management specialists. Space is both an asset and source of expenditure and monitoring is essential to estate management. Axiomatic's systems provide automated space usage monitoring integrated with timetabling platforms and building management systems to deliver accurate usage data, identify inefficiencies, cut energy expenditure and inform rationalisation/development.

www.peoplecounting.co.uk

British Electric Lamps



Established in 1920 British Electric Lamps Ltd have become a leading manufacturer and supplier of light sources and fixtures to the electrical wholesale industry. British Electric Lamps is dedicated to the highest quality of customer service delivered with a sense of professionalism, warmth, pride and company spirit.

www.bellighting.co.uk

Building Sustainability Limited



The Workplace Footprint Tracker is used to manage carbon reduction projects across large estates. Using our project tool our client can model the business case, prioritise projects and finally present live return on investment information. Digital signage and automated reports are used to push information showing progress against targets.

www.buildingsustainability.net

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Car Parking Partnership's (CPP) permit management software is a market leading solution. It provides a complete package to manage and allocate car parking permits for all organisations with challenges on their car parks. The software can be purchased as a standalone solution or as a fully managed service.

www.parkingeye.co.uk

Cycle Solutions



Cycle Solutions is a provider of the Cycle to Work scheme. Our vision is to make cycling a part of everyday life, which forms the main basis of our mission of increasing the number of people who build cycling into their everyday lives. Cycle Solutions develops initiatives aimed at increasing sales and usage of bicycles across the UK.

www.cyclesolutions.co.uk

d+b facades UK Ltd



d+b facades is the UK's leading design and build overcladding specialist with an unrivalled track record of delivering high-quality external refurbishment projects on time, within budget and with minimal disruption whilst buildings remain occupied. We provide total building envelope solutions, taking single point responsibility from design through to completion.

www.dbfacades.com

DANLERS Limited



DANLERS Limited design and manufacture a range of controls for Lighting and HVAC. Energy saving, security and convenience are among the many benefits brought by DANLERS controls. DANLERS will be showcasing 'ControlZAPP' the innovative, energy saving product range with Bluetooth 'Smart' communication.

www.danlers.co.uk





Excel Dryer (UK) Ltd

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www.elcomponent.co.uk



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With over 50 years experience Glasdon UK Limited serves over 50,000 customers throughout the UK, including numerous education establishments. Manufacturer and supplier of a wide range of high quality products, comprising of litter bins, recycling containers, seats and benches, plus bollards, grit bins and shelters.
www.glasdon.com



GOUPIL INDUSTRIE

Goupil Polaris Works & Transportation offers a full range of electric utility vehicles and people movers electric cars. These strong and reliable purpose-built vehicles fit your needs on your campus: green spaces maintenance, furniture handling, bin collection, deliveries, servicing. Do not hesitate to book a free onsite demo.
www.goupil-industrie.eu



Iceotope

Iceotope specialise in liquid cooling technology. Iceotope's patented technology offers high density IT with reduced energy consumption and improved performance per watt. Iceotope systems have no fans, run virtually silently and enable high performance compute to be positioned within office, data centre and even hostile environments.
www.iceotope.com



iPower Energy Ltd

iPower is a developer and facilitator of low carbon projects. We have a focus on low carbon business model innovation and deployment and integration of existing technologies. As a social enterprise we structure projects to keep as much value as possible with local stakeholders. Social esco and other financing provided.
www.ipoweruk.com



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We supply sustainable wide format modular display solutions. We can help you communicate your environmental messages by using our 100% recyclable displays. We offer standard products and a personalisation service. Our objective is to save you money and help save the planet.
www.recyclable-displays.com



RICS

RICS is currently developing SKA HE, a SKA assessment rating designed specifically to rate the sustainability of HE outfits. Visit us for more information and register to keep up to date on the latest SKA HE developments. RICS also produces the original SKA Rating; designed to encourage good practice and to provide a mechanism for assessing and benchmarking fit-out in the context of sustainability.
www.rics.org



Rural Energy

A frontrunner in engineered biomass solutions, Rural Energy has installed renewable heating for over 1,000 projects across the UK in the public and private sectors. Rural Energy is proud to have facilitated the installation of biomass in over 200 educational establishments, helping to cut their carbon footprints and energy costs.
www.ruralenergy.co.uk



Schneider Electric

A global specialist in energy management with expertise working in diverse campus environments. Our solutions for the education sector allow you to optimise energy use, improve reliability, manage energy and operational costs whilst providing a comfortable, safe learning environment and demonstrating your commitment to sustainability.
www.schneider-electric.com/uk



Severn Trent Services

Severn Trent Services is a leading supplier of business water services. We implement water and wastewater management improvements which deliver clear return on investment, and drive long term sustainability and business continuity. We provide water hygiene and water treatment services that improve efficiency and manage risk and compliance.
www.stservices.co.uk



SITA UK

SITA UK provides a total recycling and waste management service. We are proud to serve more than 40,000 customers across the UK, and putting the waste we collect to good use through our network of recycling and waste recovery facilities.
www.sita.co.uk



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Travel Plan Services

Travel Plan Services Ltd
Travel Plan Services have a proven track record of working with clients from across the Further and Higher Education sector to develop and deliver sustainable transport strategies and measures. We offer a flexible cost effective service that can be tailored to the needs of specific clients.
www.travelplanservices.co.uk



Warp It

The online platform which makes it easy for staff to give, get and loan surplus assets, within the organisation and even between organisations. Used by over 66% of the UK HE/FE sector. Other customers include central government, NHS, Councils and the private sector. Available in EU, North America and Australia.
www.warp-it.co.uk



Trend

A good indoor climate is crucial for well-being, productivity and learning. A Trend Building Energy Management Systems (BEMS) delivers an optimal learning environment and a valuable teaching resource for energy efficiency and technology skills. It is also the most effective way to achieve a significant reduction in energy usage.
www.trendcontrols.com



Wybone

Since 1969 we have been designing, manufacturing and supplying litter bins, recycling units, clinical waste bins and street furniture. 97% of all our products are handmade in our factory.
www.wybone.co.uk



TUCO Ltd

TUCO is the leading professional membership body for 'in house' caterers operating in the higher and further education sector. We are committed to advancing the learning and developing of catering and hospitality teams, and work to provide quality standards, advice and information to those working in the sector.
www.tuco.org

Charity Exhibitors

Dō Sustainability

Dō Sustainability is the publisher of the DōShorts Sustainable Business Collection. Use these expert guides to build capacity within your organisation or for your own professional development. Pick up discounted DōShorts at our stand or chat to us about a subscription for your organisation. View our full catalogue at our website.
www.dosustainability.com



Tusker

At Tusker, we're market leaders in the salary sacrifice car market and have worked with the EAUC to put together a bespoke carbon reduction salary sacrifice car scheme for all universities and colleges who are EAUC members. We're committed to helping our customers reduce their carbon footprint and promote carbon neutral cars.
www.tuskerdirect.com

eco action games

eco action games is an environmental educational company specialising in a games-centric approach to education, engagement and behavioural changes within the academic sector. We sell a wide range of eco themed games covering waste, energy, water, transportation and resource use. We also host fun educational events with an eco-twist.
www.ecoactiongames.org.uk



Veolia

Veolia provides a comprehensive range of waste, water and energy management services designed to build the circular economy. Committed to carbon reduction by preventing pollution, preserving natural resources, protecting biodiversity and combating climate change, we are a manufacturer of green products and energy and continue to help our customers reduce their carbon impact.
www.veolia.co.uk

Global Action Plan

We are a charity that brings people together and inspires them to take practical environmental action. Working with universities, businesses, schools and communities, we provide behaviour change programmes that help people live more sustainably.
www.globalactionplan.org.uk



Lights! Camera! Action!

As the ethos of the Green Gown Awards is to ensure the lessons and examples of good practice are shared within the tertiary education sector, we've created an Awards' cinema!

Visit the exchange areas (outside of breaks and lunches, see exhibition map on Page 29)

where you will see the videos from the 2014 Awards, created by our Finalists to share their pioneering projects.

They can also be viewed on the Sustainability Exchange.








How are you challenging your connections?

Use this space to create your own mind map



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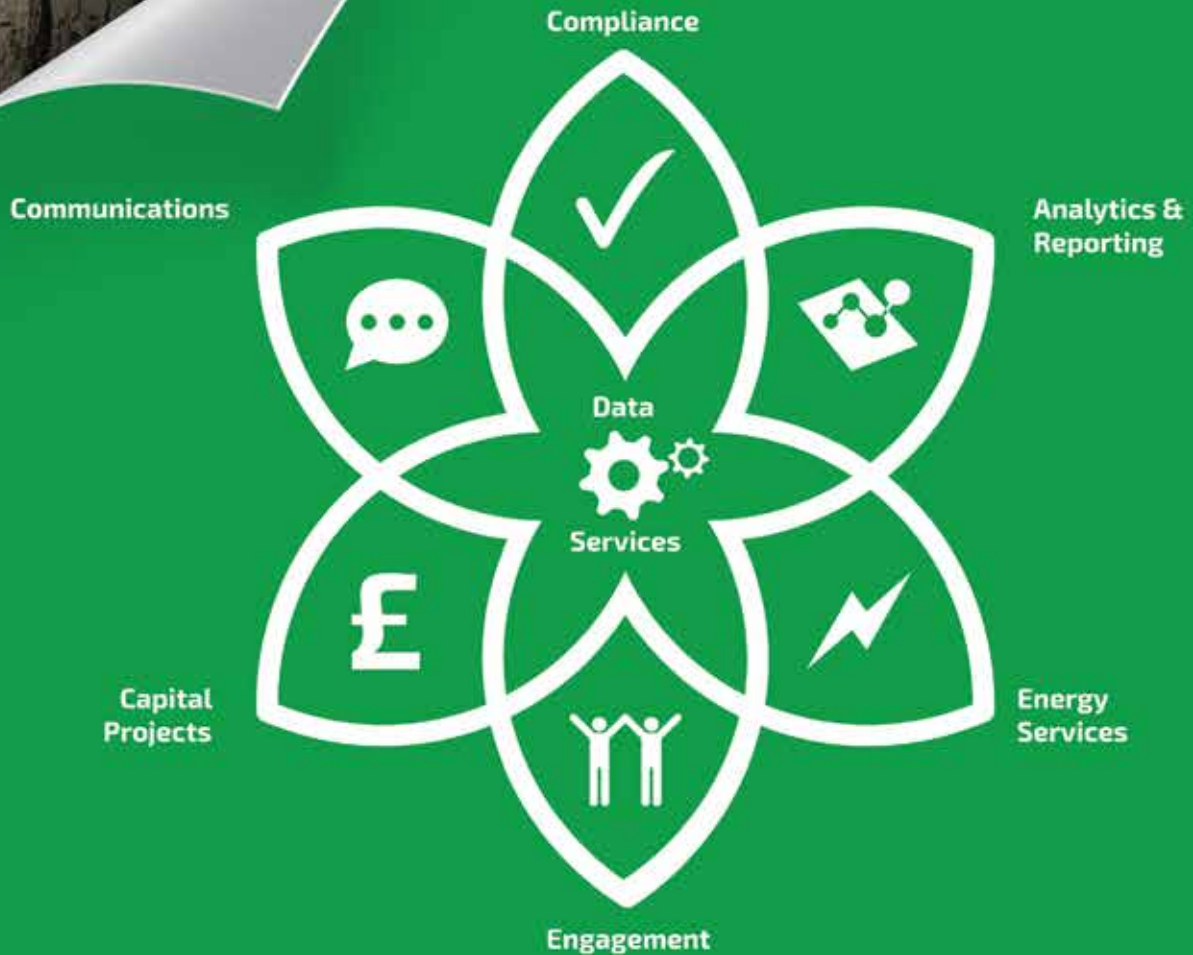
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