

EAUC-Scotland Conference 2015

A SHARED RESPONSIBILITY



Universities and Colleges
Climate Commitment for Scotland

#EAUCS2015

17 November 2015 | University of Edinburgh

WELCOME!



Welcome to the 3rd Scotland Conference. It has been 18 months since our last conference in Glasgow, and our conference this year centres on everyone playing a part to drive sustainable and transformational change across their institution. From practitioners to academics and students to senior managers; to achieve real change, we need to work together with a shared responsibility.

Learning in Further Environments (LiFE) has been useful tool to Members as a free resource allowing institutions to self-assess and use a framework to address Leadership and Governance; Learning, Teaching and Research; Estates and Operations; and Partnerships and Engagement activity. Working with colleagues helps to connect the wealth of knowledge and skills present in all institutions, and supports the continued development of sustainable practices.

The first trial year of the Scottish Government's Required Climate Change Reporting is due on 30th November, and will supersede the Universities and Colleges Climate Commitment (UCCCS) reports. While we encourage all to submit a return this year, we will be working hard over the next 12 months to ensure the sector has the skills and knowledge to report accurately for the first legislative year. As a part of the UCCCS Programme, EAUC-Scotland provides a support package through events and training and the Topic Support Networks. Again, Reporting is an area that will need collaboration and buy in at all levels. Remember it should be a collaborative approach and not down to just one individual!

We would like to thank the Scottish Funding Council for their continued support of the Scotland Programme, our Exhibitors and Sponsors, and finally, thank you to our colleagues at the University of Edinburgh, our hosts for the 2015 EAUC Scotland Conference. I hope you will find today inspiring, connect with colleagues from other institutions, and hear many examples of good practice to take back to your institution to continue your sustainability journey.

Sarah Lee EAUC-Scotland Manager

Welcome from Headline Sponsor



At Zero Waste Scotland, we work to influence and enable behaviour change to create a society where resources are valued and nothing is wasted.

In support of a circular economy and resource efficiency in Scotland, we are investing in tools that will guide organisations in the public, private and third sectors to reduce waste in energy, water and raw materials. We offer free advice and technical support through the Resource Efficient Scotland programme to help organisations realise cost savings while building an economy that uses resources wisely, re-uses, remanufactures and recycles.

It is through collaborative innovation that we become leaders in environmental progress. The 2015 EAUC-Scotland Conference offers an opportunity to develop strong partnerships to embed sustainability and resource efficiency in the fabric of our society.



AGENDA

9.00	Registration, Exhibition and Refreshments	Pentland West
9.30	Welcome from EAUC Scotland Convenor - Angus Allan, South Lanarkshire College	Pentland East
9.40	Welcome from Headline Sponsor - Marissa Lippiatt, Zero Waste Scotland	Pentland East
9.45	Walking the Sustainable Talk - Professor Dave Reay, University of Edinburgh	Pentland East
10.25	Morning Workshops: A Whole Institutional Approach (I) <i>See below for workshop details</i>	Breakout Rooms
11.25	Refreshments, Exhibition and Networking	Pentland West
11.55	Morning Workshops: A Whole Institutional Approach (II) <i>See below for workshop details</i>	Breakout Rooms
12.45	Lunch, Exhibition and Networking	Pentland West
13.45	Afternoon Workshops: Looking Beyond the Institution (I) <i>See below for workshop details</i>	Breakout Rooms
14.45	Afternoon Workshops: Looking Beyond the Institution (II) <i>See below for workshop details</i>	Breakout Rooms
15.45	Refreshments, Exhibition and Networking	Pentland West
16.15	International Tertiary Education Priorities and Challenges - Iain Patton, EAUC - Leanne Denby, ACTS - Meghan Fay Zahniser, AASHE	Pentland East
16.50	Thanks from EAUC and Raffle Draw - Iain Patton, EAUC	Pentland East
17.00	Optional One-to-one Meetings with Exhibitors	Centro
17.45	Event Close	

PLENARY SESSIONS AND SPEAKERS

Welcome from EAUC-Scotland Convenor

Angus Allan, Depute Principal, South Lanarkshire College and EAUC-Scotland Convenor



Angus has influenced SLC to adopt low energy and sustainable approaches, encouraging the college to adopt "promoting sustainability" as one of its three overarching strategic priorities. He was instrumental in the college's success at the 2010 Green Gown Awards, and is part of the team that designed and is constructing the first building in the UK to achieve a BREEAM (2014) Outstanding rating. Angus strongly believes that all new public buildings should be constructed to the highest environmental standards, and that sustainability is about being wise stewards of the resources with which we are entrusted. He has strong views about the use of Biomass as an energy source and it is best not to engage him about this in conversation.

Welcome from Headline Sponsor

Marissa Lippiatt, Head of Resource Efficient Scotland, Zero Waste Scotland

Marissa oversees the Resource Efficient Scotland programme, having been Zero Waste Scotland's Head of Business Resource Efficiency. She joined WRAP in 2009. Prior to this, she built up business development expertise working with Olympus Keymed, Xerox and Scottish Enterprise where she had responsibility for attracting inward investment from North America. She has also managed a small carpet recycling social enterprise, and worked with the National Endowment for Science Technology and the Arts (NESTA) to identify innovative opportunities through collaboration.



Walking the Sustainable Talk

'Sustainability' is a word that now litters institutional strategies, corporate business plans and even football managers' post-match interviews. In our Universities and Colleges it appears both as an area of academic study and as a watch-word for resilience planning and future-proofing. Edinburgh is no different in this and in recent years we have been trying to better quantify the sustainability of our activities. Most importantly, we have questioned the extent to which 'sustainability' is truly embedded as a graduate attribute across the institution. Here I will present some examples of how we might enhance the environmental sustainability of our teaching and how, for students, alumni and staff alike, we might better walk the talk on sustainability.



Dave Reay, Professor of Carbon Management and Assistant Principal Global Environment & Society, University of Edinburgh

Dave Reay has worked on climate change for over 20 years. His research has taken him from stormy seas in the Southern Ocean to evil-smelling Scottish ditches. He has written several popular books on climate change and created the award-winning Masters in Carbon Management at Edinburgh. Dave is also editor of the climate change science website Greenhouse Gas Online. He enjoys running (on an annual basis), Test Match Special, and writing stories for his daughters.

PLENARY SESSIONS AND SPEAKERS

International Tertiary Education Sustainability Priorities and Challenges

The Conference closes with a discussion on Shared Responsibilities between leaders within three key organisations supporting tertiary education sustainability. ACTS (Australasia) and AASHE (North America) have just had their own Annual Conferences, and Leanne and Meghan will join Iain to reflect upon the interesting case studies and current priorities and challenges highlighted within their own networks. Iain will also share details of the developing Global Alliance of tertiary education sustainability networks, which will increasingly allow us to share responsibilities, and opportunities, on a global level.

Iain Patton, Chief Executive, Environmental Association for Universities and Colleges (EAUC)



Commended by his Headmaster for being able to spell 'environment', it seemed Iain's destiny to develop a passion for sustainability. This destiny was fulfilled when Iain became the first dedicated Environmental Officer in a UK college. Iain joined the EAUC as a part-time administrative officer, supporting writing and realising a business plan for the charity, and became the EAUC's first Chief Executive in September 2005. Following work with an agricultural community development in Kenya, a love of Africa is in Iain's blood. He is a trustee for the Farmers' Overseas Action Group, a Uganda focussed development charity, making regular trips to the country. Iain (with a little help from his wife!) also runs a small organic farm at his home in Worcestershire.

Leanne Denby, Director of Sustainability, Macquarie University President, Australasian Campuses Towards Sustainability (ACTS)

Leanne has been working at Macquarie University as the Director of Sustainability since March 2008, where her primary responsibility is to embed sustainability within strategy and everyday practices. This involves four key areas: Leadership and Governance, Learning and Teaching, Partnerships and Engagement and Facilities and Operations. For the past four years, Leanne has also held the role of President of Australasian Campuses Towards Sustainability (ACTS), a not-for-profit organisation representing sustainability in tertiary education. When not working or spending time with her family, you can find Leanne in the gym.



Meghan Fay Zahniser, Executive Director, Association for the Advancement of Sustainability in Higher Education (AASHE)

Meghan has been with AASHE for six years and has held the positions of Director of Programs and STARS Program Manager. Previously, Meghan worked as Sustainability Specialist at NELSON, where she provided sustainability expertise and consulting services to various clients. She spent over five years working at the U.S. Green Building Council where, as Manager of Community, she developed and managed a local chapter network for building industry professionals and helped create the Emerging Green Builders program that integrates students and young professionals into the green building movement. Meghan also worked as Environmental Educator for the University at Buffalo Green Office.

Thanks from EAUC

Iain Patton, Chief Executive, Environmental Association for Universities and Colleges (EAUC)

MORNING WORKSHOPS:

A WHOLE INSTITUTIONAL APPROACH

LIVING LABS: LINKING RESEARCH AND TEACHING TO PRACTICAL ACTION

Living Labs for Social Responsibility & Sustainability at the University of Edinburgh: circular economy and student volunteering projects

Michelle Brown, Head of SRS Programmes, University of Edinburgh

Matthew Lawson, SRS Programme Manager, University of Edinburgh

The Social Responsibility & Sustainability (SRS) Strategy at the University of Edinburgh includes a commitment to Living Labs. This short presentation will share learnings from a recent project on the circular economy, along with practical examples of students working on projects linked with the operations of the University.



The Green Vented Salon

Christina Laing, Head of Department - Academy of Hair, Beauty, Sport & Fitness, Fife College

Christine's presentation will consider how even the hairdressing sector, one of the worst offenders in the fight for change towards a more sustainable world, can make changes for the better, and how changes then cause a 'ripple effect' across all those who visit a salon, either in college or on the High Street.



ENGAGING AND EMPOWERING STUDENTS



The power of values: Co-designing solutions

Laura Copley, Low-Carbon Behaviours Development Officer, Young Scot

Young Scot's pioneering co-design approach on subjects such as energy, waste, food and transport has generated considerable insight into the values, aspirations and attitudes of young people in relation to sustainability. This workshop will show how, since 2013, this successful behaviour change programme has seen over 59,000 young Scots actively participate in activities which encourage low-carbon lifestyles.

From Critical Thinking to Transformation: Engaging Students Through Practical Projects

Kate Thornback, Environment Officer, Scotland's Rural College (SRUC)

The All Campus Sustainability Programme is an extra curricular programme that challenges students to consider ways that student developed projects can improve sustainability at their campuses. Funding was available, with students responsible for applying for funding and implementing their plans to maximise their learning experience. The programme has proved effective at engaging students at different levels of study and abilities, offering practical experience to compliment their studies. This presentation will offer lessons learned and tips for success from the programme leader.



MORNING WORKSHOPS:

A WHOLE INSTITUTIONAL APPROACH

ENGAGING MANAGEMENT

The Challenge of Engaging Senior (and Middle) Managers

Dave Gorman, Director of Social Responsibility and Sustainability, University of Edinburgh



This presentation will discuss ways to engage senior and middle managers on the topic of sustainability, and why we all need to understand the theory and practice of change management to deliver our objectives.



Lessons on Engaging Management from the NUS

Jamie Agombar, Head of Sustainability, National Union of Students (NUS)

Jamie will discuss how to engage the management of student associations, as well as institutional management, using NUS' Responsible Futures as a case study.

DEVELOPING GREEN CHAMPIONS



Increasing our Green Impact

Naomi Arnold, Sustainable Behaviours Coordinator, University of the West of Scotland

NUS' Green Impact programme has been helping to develop Green Champions at the University of the West of Scotland over the last few years. The key to success? Face-to-face encouragement and ensuring that the programme is communicated in a way that is relevant to staff and their work.

Environmental Facilitators – why and how

David Stutchfield, Energy Officer, University of St Andrews

The University of St Andrews developed their 2011 carbon management awareness campaign into the “Passport to Environmental Excellence” training courses and the “Environmental Facilitators” programme. This workshop will discuss the challenges and successes of setting up the programme and where they are now.



ENGAGING THROUGH SUSTAINABILITY PLANS AND POLICIES

Best Practice and Leadership in Carbon Management

Jenny Cassells, Sustainability and Climate Change Officer, Keep Scotland Beautiful—SSN

Carbon management (CM) is sometimes viewed as a conceptual approach to environmental and energy management that lacks a practical element. This can be due to a range of issues such as lack of embedded procedures, competing priorities and leadership issues. However, CM is evolving and organisations are making the concept their own. This presentation focuses on how this is happening within higher and further education, and includes a first-hand perspective from both a college and a university working to make their plans and strategies relevant to all.

AFTERNOON WORKSHOPS:

LOOKING BEYOND THE INSTITUTION

MANAGING EMISSIONS THROUGH UTILITY BILLS (13.45 only)

Steven Turnbull, Project Manager, Zero Waste Scotland (ZWS)

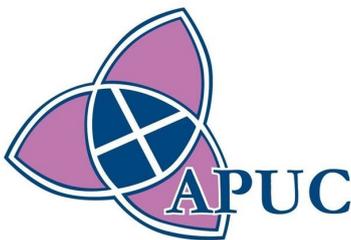


Essential to energy management is understanding energy consumption. Without this information it is difficult to develop, maintain and implement a targeted emissions reduction plan and analyse resulting impacts. Utility bills are filled with vital information, but understanding the calculations and data add-ons can be an onerous task. Yet setting aside a little time each quarter could help achieve cost savings and support institutional improvements. The workshop will explain how to understand and verify utility bill information, and explain how they can be used to target change and monitor effectiveness.

Attendees are encouraged to bring along utility bills to use during the session.



DELIVERING SUSTAINABILITY THROUGH PROCUREMENT



**Advanced Procurement
for Universities & Colleges**

*Stephen Connor, Development and Sustainability Manager,
Advanced Procurement for Universities & Colleges (APUC)*

This session will look at opportunities to deliver sustainability through procurement, and changes to the public procurement legislation to help enable this. The workshop will also feature a demonstration of the Sustain supply chain web portal.



ENHANCING EMPLOYABILITY BY DEVELOPING SUSTAINABILITY SKILLS

*Martin Baxter, Chief Policy Advisor, Institute of Environmental
Management & Assessment (IEMA)*

IEMA research shows that only 13% of organisations are fully confident that they have the skills to compete in a sustainable economy. This workshop will explore what employers are looking for from graduates in terms of sustainability knowledge and skills, and how Universities and Colleges can support this development.

iema
Institute of Environmental
Management & Assessment

AFTERNOON WORKSHOPS:

LOOKING BEYOND THE INSTITUTION

SECTOR-WIDE TOOLS AND TECHNIQUES FOR SUSTAINABILITY MANAGEMENT AND REPORTING

Jenny Cassells, Sustainability and Climate Change Officer, Keep Scotland Beautiful - Sustainable Scotland Network



Influencing how people behave is often the ultimate goal of sustainable policies. Yet influencing behaviours can be difficult to achieve, with no 'magic bullet' solutions. The Scottish Government developed the ISM framework to help public bodies address the behavioural aspects of climate change policies and projects, and to help accelerate implementation and improve impacts. ISM is based on an understanding that three key contexts - the Individual, Social and Material - influence people's behaviours. One of the key principles of ISM is that interventions (including carbon reduction projects) should take account of these contexts. This workshop will provide a basic introduction to this methodology.



Nina Bartlett, Events and Communications Officer, Environmental Association for Universities and Colleges (EAUC)

The EAUC offer a range of tools and systems, including LiFE and the Sustainability Exchange, which can support individual institutions on their sustainability journeys by enabling them to pull together and share sustainability case studies and projects. Nina, the EAUC's Events and Communications Officer, will introduce these tools, and explain how they can be used to share sustainability responsibilities, both within your institution and beyond.



THE UNIVERSITY
of EDINBURGH

PEER LEARNING: TOUR OF THE UNIVERSITY OF EDINBURGH'S SUSTAINABLE ENERGY CENTRE

David Somervell, Sustainability Advisor, University of Edinburgh

Since 2002 the University of Edinburgh has invested more than £20 million in an efficient network of low carbon and renewable power generation that now provides the majority of their energy needs. CHP works by capturing the heat that is usually lost when generating power, and using it to heat and cool buildings. This tour will

provide an opportunity for participants to have a look inside the CHP plant, as well as learn more about the way the University produces its own heat and power.



SPONSOR AND KEY PARTNERS



HEADLINE AND DELEGATE PLACE SPONSOR

Zero Waste Scotland is Scotland's resource efficiency and circular economy expert. Funded by The Scottish Government, they are a company limited by guarantee and governed by a Board of non-executive Directors. ZWS's work supports the delivery of the Scottish Government's Zero Waste Plan and other low carbon policy priorities. Their mission is to influence and enable change: from gathering evidence and informing policy, to motivating practical behaviour change in individuals and organisations through their programmes and brands.

KEY PARTNERS AND SUPPORTERS

We would like to thank the following organisations and groups for their support in planning and organising this conference:

- The University of Edinburgh's Department of Social Responsibility and Sustainability
- The Resource Efficient Scotland team at Zero Waste Scotland for their support in developing workshop sessions
- The Sustainable Scotland Network team at Keep Scotland Beautiful for advice and programme input
- The Scottish Funding Council for funding the UCCCfS programme which supports EAUC-Scotland
- The EAUC-Scotland Conference Steering Group for their guidance in developing the programme
- EAUC-Scotland Office-Bearers Angus Allan, Michelle Brown and Jamie Pearson for their suggestions and ongoing support for the Scotland team



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Promoting further and higher education



PART OF THE
Keep Scotland Beautiful
CHARITY



EXHIBITORS



The Carbon Trust is an independent, expert partner of leading organisations around the world, helping them contribute to and benefit from a more sustainable future through carbon reduction, resource efficiency strategies and commercialising low carbon technologies.

City Car Club provides cost effective, short-term, self-service vehicle rental to members for periods from half an hour to several days, 24/7, without the need to go to a central rental location to pick up a car. Vehicles are located close to members' homes and places of work to provide maximum convenience.



Cycle Solutions is a provider of the Cycle to Work scheme. Their objective is to provide the tools for employers to promote behaviour change as well as provide expert advice to employees to initiate behaviour change. Cycle Solutions also provide additional added value benefits for EAUC members.

Cycling Scotland work with a range of partners to create and deliver opportunities which bring cycling out from the fringes of everyday life and into the mainstream. They aim to establish cycling as an acceptable, attractive and practical lifestyle option. Our vision is for a sustainable, inclusive and healthy Scotland where anyone, anywhere can enjoy all the benefits of cycling.

Cycling Scotland



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

Learning for Sustainability Scotland (LfSS) is Scotland's UN Regional Centre of Expertise on ESD. The centre is an open network where members and partners undertake collaborative projects, research and advocacy that push forward Learning for Sustainability practice and policy. LfSS' purpose is to harness the full potential of learning to create a flourishing, sustainable world.



Each Exhibitor will offer a limited number of one-to-one sessions immediately after the Conference. Approach them during an Exhibition session to schedule your discussion.

EXHIBITORS

The **NetRegs** website provides businesses in Scotland and Northern Ireland with free, up to date guidance on environmental regulations. A partnership between the NIEA and SEPA, they explain “what you must do” as well as providing good practice advice on ways to reduce environmental impacts and save money.

NetRegs

For Northern Ireland and Scotland

www.netregs.org.uk

 If your organisation has the desire to save energy and reduce its carbon footprint then the range of **SavaWatt** technology can almost certainly help. SavaControls are the only Patented fixed speed motor controllers specially designed to reduce the electrical consumption of refrigeration and air conditioning compressors by up to 20%.

Stratergia is an innovator in data centre energy management with its virtual metering Papillon system. Requiring no-down time or retro-fitting, Papillon’s dashboards and tools, by delivering energy visibility at the rack, server, virtual machine, application and service level, automatically identifies and quantifies energy-saving actions both in a physical and business context.


the knowledge of power



The **Sustainable Scotland Network (SSN)** has worked to support public sector action on sustainable development and climate change for over a decade. While it started as a local authority network, since 2012 SSN has been open to the whole public sector. The Scottish Government supports SSN, providing funding to Keep Scotland Beautiful to manage and develop the Network. The SSN Steering Group guides the SSN programme. SSN works in partnership with EAUC Scotland to support higher and further education institutes’ work on sustainable development and climate change.

Scotland is the leading nation when it comes to organisational reuse. **Warp It** count over 60% of Unis, 100% of NHS and 50% of Councils in Scotland as our customers. Warp It makes it easy for staff to get & give surplus stationery, furniture and other assets, within the organisation but also between organisations.



wybone

Since 1969 **Wybone** have been designing, manufacturing and supplying litter bins, recycling units and street furniture. They handcraft 97% of their products in their factory in South Yorkshire and are always looking at new, innovative ways to help you to be environmentally friendly. Visit Wybone to see how they can help you!

Each Exhibitor will offer a limited number of one-to-one sessions immediately after the Conference. Approach them during an Exhibition session to schedule your discussion.

Membership Matters

We are the Environmental Association for Universities and Colleges (EAUC) - a not-for-profit charity, with a membership of over 200 universities and colleges, leading and supporting sustainability within UK tertiary education.

We work to make an impact by championing sustainability and embedding it across the whole institution and we've been doing it successfully for 19 years!

It all starts here: www.eauc.org.uk

EAUC membership gives you:

- Access to unrivalled sustainability knowledge - case studies, policies, guides, tools, legislation and more
- The support of a network of like-minded colleagues
- Events and training at discounted rates
- Latest sector news and developments
- Online learning and webinars
- Professional development and experience
- Bespoke and personalised information, tailored to your areas of interest
- EAUC Annual Conference attendance at discounted rates - the 2016 EAUC Annual Conference will take place at the University of the West of England on 25-26 May. Find out more at www.eauc.org.uk/annual_conference.



University of the
West of England



sustainability exchange

Delivered by the EAUC



The Sustainability Exchange provides thousands of free resources online to help increase knowledge on best practice in sustainability. Resources are provided by EAUC members, partners and sponsors so you can access a mix of content from both private and public sources.

The 2015 Green Gown Awards will take place on Thursday 26th November. Visit the Sustainability Exchange to view case studies from this year's finalists and learn from their inspirational examples of sustainability best practice.



Visit www.sustainabilityexchange.ac.uk to find out more.

