



North West Regional Group

Tuesday, 24th October 2017, 9.30am

Winstanley College

Utilities, Emissions and Waste

Attendees:

Pam Reynolds	Sustainability Manager	Blackpool & The Flyde College
Claire Mitchell	Member Community Officer	EAUC
Conor Edwards	Director of Finance and Estates	Winstanley College
Suzanne Moody	Sustainability Manager	Liverpool Hope University
Alexander Clark	Environmental Coordinator	University of Manchester
Neva Mowl	Green Impact Projects Manager	University of Salford
Christopher Worden	Environmental Sustainability Assistant	University of Manchester

Apologies:

Nick Doran University of Liverpool
Lydia Meryll University of Manchester / Manchester Environment Education Network

EAUC Update:

Green Gown Awards 2017 will be held on 13th November at The Monastery, Manchester

EAUC Annual Conference 2018 will be 19th – 21st June at Keele University

Upcoming Webinars

- Promoting Sustainable Behaviours Sharing Series: Cycling to Campus, 1st Nov 11.00am
- Member consultation webinar with BEIS ref voluntary target for public sector, Thurs 9th Nov, 10.30am. Learn more about the consultation 'Leading by example: cutting energy bills and carbon emissions in the public and higher education sectors' and give feedback to the EAUC to enable us to form a consultation response. BEIS representative will explain more about the consultation and provide a question and answer session. This will be followed by a confidential discussion about what a consultation response from the EAUC on behalf of members might look like.
- Exploring the Disposable Cup Challenge, 28th Nov 12:00 - 13:00 – Zero Waste Scotland discussing research which exists around the waste challenges created by disposable cups, and progress being made in Scotland to address the issue.
Topics will include: Carbon impact of disposable cups in Scotland, Recycling cups – a difficult and expensive process with limited benefits, the reality of biodegradable cups, taking a behavioural approach – convenience and charges vs. discounts

Upcoming events

- Biodiversity Community of Practice (virtual), 26th Oct, 10am – agenda includes Implementation of BAPs and senior commitment, Green roofs, Vertical planting, Indoor planting, Future opportunities for collaboration in both research and operations
- Transport Community of Practice East and West, Weds 22nd Nov, UWE and UEA
- Energy and Water Community of Practice (virtual), 13th Dec, 10.00am – agenda includes Forecast of Utilities presentation by Aston University, AMR (Automated Metering Reading) and Systems link

All events and webinar information - http://www.eauc.org.uk/shop/mms_event_list.php

Communities of Practice information - http://www.eauc.org.uk/communities_of_practice

SDG Accord

This initiative was born from members' ideas at the EAUC Annual Conference 2017.

The SDG Accord is the University and College sector's collective response to the UN's Sustainable Development Goals (SDGs). Launched in September at the World Environmental Education Congress in Canada. The purpose of the SDG Accord is twofold:

1. To inspire, celebrate and advance the critical role that education has in delivering the SDGs and the value it brings to governments, business and wider society.
2. To get institutions to commit to doing more to deliver the goals, to annually report on their progress, and to do so in ways which share the learning with each other both nationally and internationally.

Since its launch, 49 organisations, 36 institutions and 158 sustainability professionals from all across the world sign up. The SDG Accord Webinar held on 19th Oct is available on the EAUC Youtube channel - Environmental Association for Universities and Colleges (EAUC).

It provides an overview on what the SDG Accord is and some background on mapping SDGs.

SDG Accord Learning Network launched – this is a global platform for sharing knowledge and asking questions. To join send an email to info@eauc.org.uk with your name and university email address.

Landing page for SDG Accord resources available www.sustainabilityexchange.ac.uk/the_sdg_accord

Questions over the reporting element – length of time required? How complex? As straightforward as possible

Blackpool running a pilot scheme with online courses and group tasks, link SDGs with Public Services Lecturers are keen

Ambitious targets – 17 goals achieved by 2030

Presentation: Energy Saving (Conor Edwards, Winstanley College)

Slow progress, 2000 students, 1950s building facing south to use day light

Pre 2000 – some good steps with double glazing but temporary classrooms and oil fired heating 2 meters so monitoring is relatively straightforward and now have biomass

College expanded 2000 – 2008 with temporary classrooms removed and double glazing on new build. More energy efficient and DEC certification introduced to focus on energy use. Financial incentive to use energy more efficiently

2008 – intention to rebuild college under LSC capital programme but bid not approved in time so rebuild did not happen. The College did see better architecture and mechanical engineering solutions

2008 – 2012 Biomass, voltage optimiser installed, heating pipes lagged, cavity walls insulated, Salix and YPLA funding. However 2012 was wettest year on record and roofing was taking place then. Also VAT was introduced on insulation products.

2013 – 2015 Solar on roof generates some renewable energy on site, gym and library replaced, LED lighting replacing fluorescent tubes. Academy sector growing in importance and therefore funding moving towards them.

2016 – 2017 Continued with refurbishments, new air handling units in kitchens, extension of BMS system, some motion sensors for a/c, biomass expensive repairs, PV inverters failing, continued pressure on grants

Ongoing - Keep talking to all staff including cleaning, property, IT, keep recording data, students like the Dyson driers, water saving taps etc. Limited student engagement, thermal images to highlight, some data included in annual accounts, mission statement reviewed with the opportunity to make sure sustainability doesn't get forgotten

Still to aim for – buildings away from gas, sports hall to be refurbished, lights to LED, problems with single pipe 1950s heating set up, intelligent mode and computer sleep mode, solar and wind power, carbon reduction 38 – 40% less CO² compared to 2003. Increase in students since 2003 using around 48-50% less CO² per student.

Discussion: Utilities and Carbon Emissions

Salford CMP out of date

Liverpool Hope CMP awaiting approval

University of Manchester Halls of Residence Green Fund, allocation of Halls fees go towards it.

Energy savings from heating and lighting (LEDs). Environmental Reps run campaigns and events bidding for the funding from the Green Fund. End of year party for winning Halls. Sustainable Resources Plan, not just carbon. Campus redevelopment and relocation, 2020 Master Plan. Difficult to predict future student numbers.

Submeters not connected to the BMS, different contractors.

ESIF funding round

Procurement contracts to include renewables

Carbon conversion factors reducing due to decarbonisation of the Grid.

Carbon Trust – useful energy saving documents available looking at behaviour change tools, FHE and energy survey

Blackpool condition surveys checking lighting, water coolers cooling element switched off, timetabling, evening classes in one building, MFD timers.

Action: PR to circulate Carbon Trust Energy Saving document links

Action: CM to circulate Salix information

Engagement –

UoM - Green Impact

What form of communications work best with staff – project facilitated by UoM but EU funded, officer let mid research but new officer due in post early 2018 Focus on a certain number of buildings, what works, what does not.

10,000 Actions – one of biggest campaigns addressing behaviour changes in HE

Staff pledges

New software provider – Reason Digital, tailored to UoM

Jump – social media focus but expensive

DoNation – short term

Liverpool Hope – ran Student Switch Off in previous years, now in house but limited interest

Winstanley – Earth Hour, raises awareness with students but property team need to be involved

Salford ran Green Impact and staff engagement workshop running in Oct. Sustainability Strategy Board and staff changes.

Discussion: Waste and Recycling

Manchester Partnership with UoM, MMU and City Council– donate to charity (BHF) at end of term. Success is that it is a partnership, same brand, same campaign. Reuse rates positive. BHF pop up shops at start of year. Storage an issue. Complaints over using BHF due to national not local and animal testing for research but no other charity has the capacity to run operation.

Reduced Single Use Cups and Cup Recycling – Winchester – cup tax

Bags and collection – contamination – liquids – extra work for cleaning staff

Blackpool – relaunch recycling with non recyclable posters

No coffee cups here posters

Concern over end of life of reusable cups, plastic from abroad, not necessarily able to recycle them at end of life, external caterers must be on board, cups made from used chewing gum and bamboo.

Cups fit under the self service machines, health and safety issues.

Recycling rates fluctuate greatly

Changing bins, new stickers

Straight forward marketing needed

UoM student contamination rates increased and recycling rates decreased

Manchester Cycle Week – UoM, MMU and City Council

Action: AC to transfer posters to attendees PR/CM for circulation to attendees

Winstanley – ‘Bin one, win one’ – write student id number on bottle and put it in the right bin, if selected, student wins a drink

Salford SU has banned straws

UoM use biodegradable straws.

EAUC NW Benchmarking Survey

Survey ran in 2016 – worth revisiting?

Opportunity to share best practice

15 respondents

Review as 30+ questions and some not as relevant as before

Include League Tables, target dates, average savings?

Action: PR/CM to review and circulate to the group for feedback

Next meeting

University of Manchester to host, date tbc (Feb 2018)

Action: CM/PR to circulate doodlepoll for date for next meeting