SUSTAINABILITY THINKTANK IDEAS

1. Transport **a.** Promote cycling to University to both staff and students **b.** Provide more safe cycle parking esp. in staff areas (e.g. Ocean Sciences). Provide cycling safety course – e.g. University of Edinburgh http://www.ed.ac.uk/schools-departments/transport/cycling **c.** Provide more showers **d.** Support for a 'Bike Buddy' scheme **e.** Reduced parking charge for cyclists and lift sharers. Lift sharing scheme (proper registration required for scheme). Special car parking area for people who pool or free parking. Increase number of parking spaces for lift sharing drivers. **How to implement? Where can people access the group?** (Intranet – e.g. Syracuse University USA - http://greenuniversecity.syr.edu/Parking.html) **f.** University Car Parks - Charge more – penalise for bringing car to work - May use to control behaviours and encourage the use of other transport modes - Income generated from car park charges should be used transparently - Provide a saving scheme for those that use other modes of transport **g.** Encourage home working inc. home IT support e.g Skype or video conferencing. Alternatives to travel to conferencing. **h.** Public transport - reward for using the service - Aston University Birmingham pays a 3rd of the price of public transport for staff and students. This is achieved through negotiating with public transport companies to receive discounts for encouraging more public transport use, costing very little to the University www1.aston.ac.uk/about/environment/transport/public-transport/ - Aberystwyth University communicates well about buses available between campuses and have discounted Travel Permit schemes for staff and students: www.aber.ac.uk/en/maps-travel/bus/travel-permit/ www.aber.ac.uk/en/maps-travel/bus/ **i.** Short term car hire schemes (e.g. Syracuse Uni http://www.zipcar.com/su/) - yearly registration fee, get swipe card/ online system/ preferably electric, hybrid cars. **j.** Pool cars - Be available at an hourly basis Link with other public sector organisations to provide charging points **k.** University to apply pressure on council to provide more safe cycle routes l. Collaborate with organisations that refurbish bikes, Menter	**Current Activities** Draft Travel Plan has been produced and is currently with the Sustainability Management Board. Many of the issues have been raised within the Plan. Lack of funding is main issue, but some actions are being taken where funding has been made available, e.g. Cycle Loan Scheme, and Additional Cycle Parking following successful application for Taith funding by Gareth Jones. Gareth and Ricky have been in discussion with Gwynedd Council and Sustrans regarding improved cycle paths in the vicinity of the University. Estates are also looking into shuttle bus scheme, and car parking arrangements, Environmental Manager to set up Travel Plan Group for clarity on who is doing what, and how this fits into the Travel Plan. • Plans for cycle loans for students • Travel the World Scheme in spring 2013. Estates will be monitoring travel and adding up the miles. Will be competing against Aberystwyth. • Currently 2 million business miles and aim to reduce mileage by 20% by 2016

Mon as a possible source for bikes m. Connect with other Public Sector n. organisations for sustainable transport schemes - Gwynedd, Anglesey and Conwy Council - Ysbyty Gwynedd - Snowdonia National Park - Emergency Services - Countryside Council for Wales - Environment Agency	
1. Energy **a.** Volunteer energy liaison officer for every building **b.** Manage print **c.** University to look for green energy provider **d.** Information on sustainability could be part of staff induction sessions(need more on this) **e.** List of practical tips for specific buildings of what you can do (would help to empower people who can't do certain things e.g. turn down heating) **f.** Better communication e.g. via Environmental Champions/Building Reps **g.** Need to look at heating and lights in buildings, lights left on, heating to high… **h.** Investor saves e.g. solar panels, tidal turbines. **i.** When people see, for example, taps being left on unnecessarily a reporting scheme could be in place. A reporting sheet could be placed in each room/building for staff to note down any problems/issues in the buildings. This will enable the Estates to be more informed of problems around the University and be able to resolve them quickly. **j.** Encouraging ownership of the issues - the incentive to reduce energy use and staff/students taking responsibility is low. If people have to pay for over consumption this will encourage culture change. **k.** Smart metering will show how well the building is doing in terms of energy use: http://www.energysavingtrust.org.uk/wales/Electricals/Smart-meters. Could incentivise staff by working towards an end of year bonus.	**Current Activities** Managed Print Solution being implemented, (managed by David Learmont). Induction sheet is provided to staff on induction (but this is now out of date and needs updating). Presentation at induction would be preferred. Night time surveys of buildings to establish where energy is being wasted *e.g. lights being left on). Estates are seeking key contacts in buildings for various activities – Enviro champs could perhaps fit in with this. Halls Energy (and Recycling) competition being discussed between Ricky and Ken Replacement shower heads in Hall (part funded by DCWW) being considered – potential savings >£140k Energy awareness week in October. Further sessions planned and usual "Switch Off This Christmas" campaign in December. League tables of buildings' energy use in preparation.
2. Recycling and Waste Management **a.** Help for overseas students understanding sustainability policy esp. with recycling e.g. multi-lingual recycling information cards, go door to door explaining, PJ intro/peer guides to provide training sessions, provide an induction **b.** Waste management and general sustainability induction at	**Current Activites** Updating recycling leaflets for overseas students during the summer English Language training sessions (ELCOS).

halls **c.** Multi-lingual leaflet for landlords **d.** Peer sustainability guides in halls / university department **e.** Better communication e.g. via Environmental Champions/Building Reps **f.** Communicating what estates are doing with food waste ext. 'a tone of food waste collected a week'. **g.** Important to establish links with reuse material organisations **h.** University has applied for grant funding on the Recycling on the Go scheme arranged by WRAP. This will provide more recycling facilities around the campuses. They will be communicating recycling through a week of campaigns – waste not want not, activities such as beach clean ups, tidy campus campaign etc. Possibly could collaborate with Cyngor Gwynedd Council. **i.** Important to remember along with increasing recycling, reducing consumption is equally important.	Ricky / Ken in discussion about recycling awareness programme in Halls led by Wardens. Rubbish Survival Guide has been produced by S.U. Binless office culture being discussed by Sustainability Management Board
3. Procurement and Catering **a.** University procurement to support local supply chains **b.** Procurement to support Fairtrade **c.** University catering to include a wider range of different local foods e.g. local mussels	**Current Activites** Bangor University's catering department supports local businesses wherever possible. A list of local suppliers of meats, breads, cheeses, eggs and water is provided with every supplied buffet. The list of suppliers can be found on the catering website. We are always looking to extend our local suppliers list. We are Fairtrade accredited. Bangor University's catering department supports Fairtrade and purchases Fairtrade products where possible and available. All tea, coffee and sugar supplied at catered events are Fairtrade. A range of Fairtrade chocolate, fruits, juices and snacks are available at all the food outlets across campus. Commercial services promotes Fairtrade fortnight each year by highlighting the availability of Fairtrade products and the baking of Fairtrade cakes and cookies. Ongoing development work with the Fairtrade Foundation. The catering department sources local food where economically viable.

d. Sustainable health benefits	The catering menus and food in the catering outlets has been reviewed a number of times over the last 3 years to deliver a range of fresh and nutritious products which are made in house wherever possible. The catering menus all have a wide variety and range of choices of which there are many healthy options available.
e. Business opportunities for local firms	Opportunities are available as part of the procurement process or if "niche" goods and services are required. However it could be difficult not to raise expectations with local firms regarding the level of business engagement.
1. Incentivising positive behaviour **a.** Student 'Sustainability Award' to be included in 'Employability Award'. Make an element of sustainability a compulsory part of the award.	**Current Activites** As part of the Core Programme Award which focuses primarily on Personal Professional Development we have agreed for 2012-13 to include a small number of workshop sessions on Sustainability as part of the program for a semester, 2 (preferably before May 2013), one introductory session on sustainability (one in Welsh and one in English ving), and something similar for the initial lectures in the module 'Sustainability Concepts' and the and sessions Ricky and do with students already. The idea then is to maybe get another two sessions, one on the side of environmental sustainability and the other on the social side. 2013-on - With regard to long-term development, we need to talk further with John for a strategic plan regarding module may be 'core' co cofnod cwricwlaidd that mandatory sustainability (similar to the Enterprise by Design course)

b. Award for most sustainable hall of residence.	Halls Energy (and Recycling) competition being discussed between Ricky and Ken
c. How we can use the University as a wider vehicle to create a more sustainable local economy. One option is that all staff and students are issued with a sustainable consumption card like the NU card that was trialled in Rotterdam and like they have now just set up in the Isle of Wight. A wider community initiative. Points for sustainable behaviour. Likened to an Oyster card, like the Rotterdam scheme (http://qoin.org/nu-spaarpas-now-incentive-card-2/), Bangor is local enough to establish a similar scheme.	
d. Publically congratulate Uni buildings with most sustainable behaviour – positive competition.	Eco Champs
e. Green Investment Fund/Bank (or at least a budget line) set up that ring fences money in the University, gained from revenue from other areas (e.g. car park charges) which can be used solely for sustainbility purposes. There could be interesting governance models which help administer this.	
4. Engagement Strategy and Sustainability Strategy **a.** More joined up thinking **b.** Common format for all strategies **c.** Sustainability strategy and engagement strategy should be explicitly linked **d.** Set of explicit Bangor University 'Values'	**Current Activites** BU is editing all its policies to have a more corporate look and feel.There will be a sentence on sustainability in all policy's.
5. Internationalisation **a.** Help for overseas students understanding sustainability policy **b.** Work specifically with overseas students to help integrate with local students and understand their immediate surroundings.	**Current Activites** We provide an English language lecture for ELCOS students on sustainability.
The majority of the ideas being generated to date are direct and on-site to the University, however the far larger share of impacts attributable to the University as a whole will actually be indirect and off-site. We need to consider these and generate solutions for these issues now, as a sustainable university will not just be one that looks to its own estate but to the wider behaviour of staff and students.	