

# EAUC Workshop

November 2015



# Key Drivers

- Funding
- Energy costs
- Ethical



# Key Policies

Environmental Policy

Travel Plan – since 2005

Carbon Management Plan – 21% by 2020

Technical and Behaviour Change

Sustainable Design Brief – Breeam Excellent

Waste Management Strategy

ISO 14001 Accreditation

Sustainable Procurement

RSPB – Pledge for Nature



# Progress (14-15) Going Green @ Queen's

- 6,000 tCO<sub>2</sub>e of carbon saved (to date)
- 79% of waste recycled
- Over 600 cycle spaces
- Over 70 Bicycles sold to students
- Over 230 trees planted
- 73 Green Teams
- 3,457 environmental actions completed!

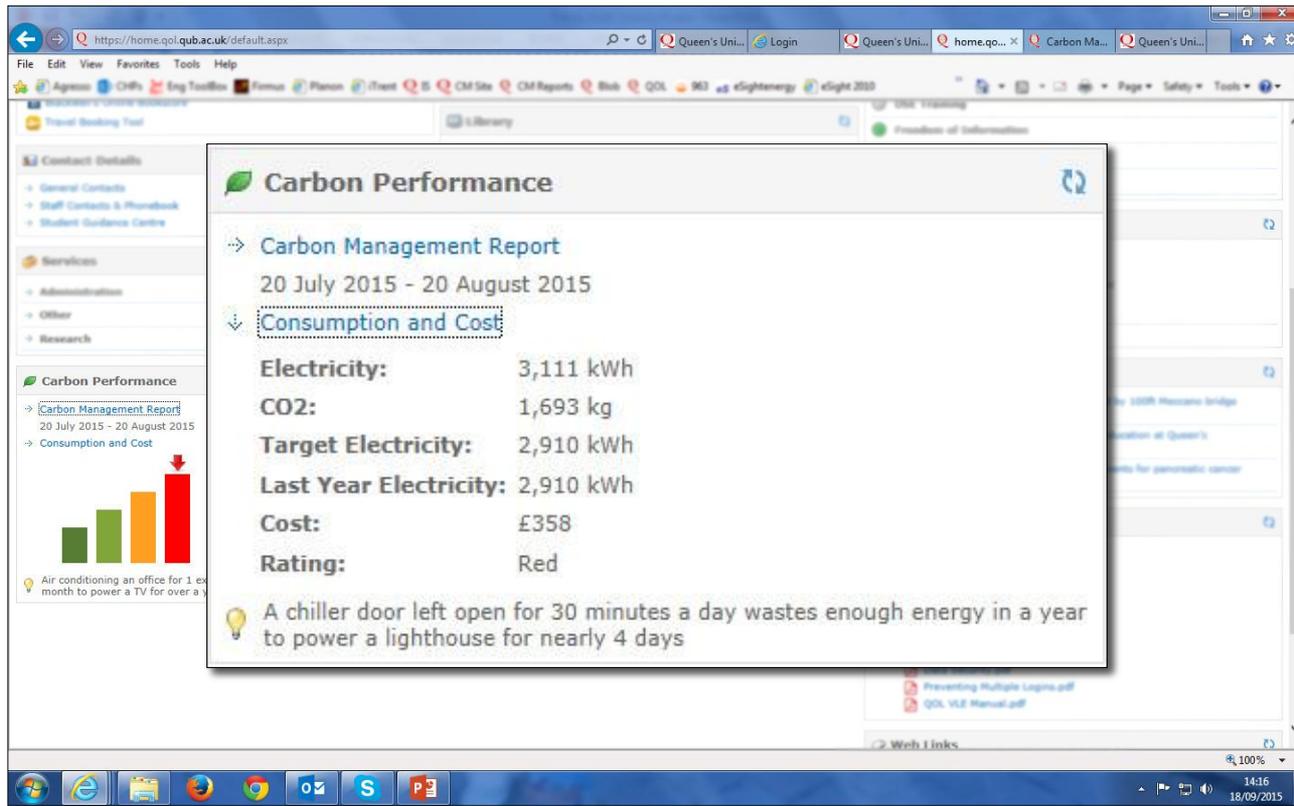


# Green Impact

- Participants since 2010
- Network of over 200 Champions
- 3,457 actions implemented in 2014-15
- Annual Green Awards
- Buy in from those schools with over 80% of University's carbon emissions
- Buy in from all levels



# Energy Data – online



# Major Energy Projects

- Feasibility study to determine suitable projects
- 4 CHP Units
- Two currently installed, two being commissioned





# Waste

## We recycle A LOT of stuff!

- ✓ Plastic
- ✓ Metal cans & tins
- ✓ Paper (confidential and non confidential)
- ✓ Cardboard
- ✓ Books
- ✓ Green Waste
- ✓ Timber
- ✓ Oil
- ✓ Batteries and toner cartridges
- ✓ WEEE- electrical equipment
- ✓ Re use furniture within the University (WARPit) and donations to charities (e.g. Habitat for Humanity, Oxfam, EBM)
- ✓ Rolling out Food recycling in locations

BLO's can put a request on Planon if you need anything disposed of, or for more information email

[carbonmanagement@qub.ac.uk](mailto:carbonmanagement@qub.ac.uk)



- Free site which allows staff to redistribute unwanted and underused assets within Queen's e.g. desks, chairs, stationery, storage units etc.
- It helps avoid unnecessary purchases, saves money and reduces waste going to landfill!
- More information and to sign up for free visit: <http://go.qub.ac.uk/WARPit>



# Travel Plan Success

- **66%** - the % of staff trips by sustainable modes has increased from 58% in 2010 to 66% in 2015.
- **84%** The proportion of Student trips by sustainable modes has increased from 79% in 2010 to 84% in 2015.



# Travel - Train

- Nearest stations to QUB
  - City Hospital
  - Botanic Avenue



- Save Money- **Annual Commuter Card**
  - Interest-free loan towards the purchase of an annual travel card
  - More information contact: [transport@qub.ac.uk](mailto:transport@qub.ac.uk) and [www.qub.ac.uk/sustainabletravel](http://www.qub.ac.uk/sustainabletravel)



# Travel – Bus

- The University is well served by **public transport**:
  - Metro route 7 –Botanic/Holylands
  - Metro route 8 –Queen’s University Main Site/ Malone/ Stranmillis
  - Metro route 9 - City hospital/Lisburn Road
- Check out [www.translink.co.uk](http://www.translink.co.uk) for route information
- Top up point at SU for smartlink cards



# Travel – Bus

## Travel+

- Bus travel salary sacrifice scheme, which offers staff the opportunity to obtain an annual bus ticket for less than normal cost.
- More information: [transport@qub.ac.uk](mailto:transport@qub.ac.uk) & [www.qub.ac.uk/sustainabletravel](http://www.qub.ac.uk/sustainabletravel)



# Bike to Work

- Making cycling easier across the University
  - Bike stands and secure cycle parking (600 spaces)
  - Shower & locker facilities
  - Monthly bike to work Breakfast
  - Pump available at Security for flat tyres



# Bike to Work

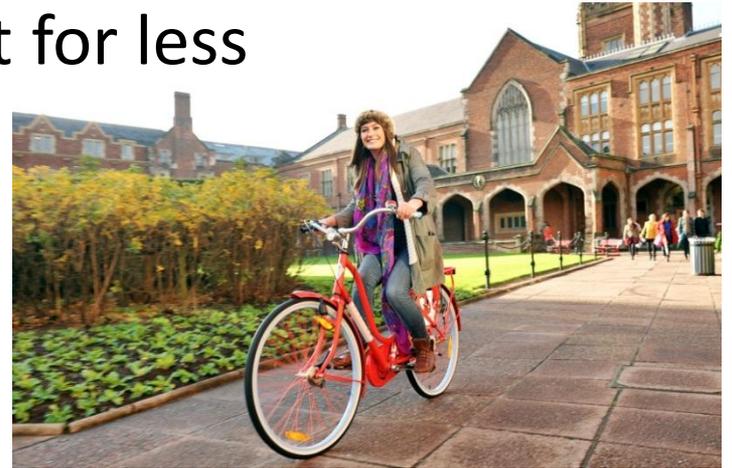
## Cycle+

- Cycle to work scheme, which offers staff the opportunity to obtain a bicycle and safety equipment for less than normal cost.

- More information:

[transport@qub.ac.uk](mailto:transport@qub.ac.uk)

[www.qub.ac.uk/sustainabletravel](http://www.qub.ac.uk/sustainabletravel)



# Recycled Bike Sales

- Green Bicycle Company
- Refurbished Bikes
- Dates
  - 29 October MBC foyer
  - 30 October Ashby Foyer
  - 6 October MBC Foyer

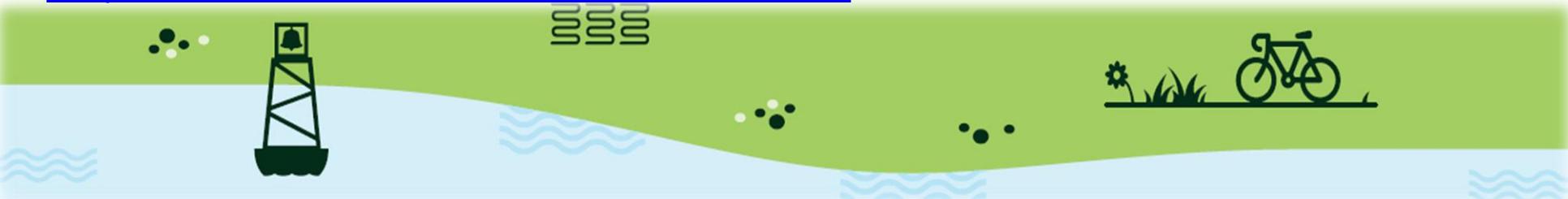


# Belfast Bikes

- Locations:
  - Bradbury Place
  - Shaftsbury Sq./Botanic Ave
- Coming soon:
  - McClay Library
  - Students' Union
- Register for 3 day or annual pass:  
<http://www.belfastbikes.co.uk/en/belfast>



Subscription Fee	
Annual Fee	£ 20.00
3 Day Fee	£ 5.00
Usage Charges	
First ½ hour	No Charge
Up to 1 hour	£ 0.50
Up to 2 hours	£ 1.50
Up to 3 hours	£ 2.50
Up to 4 hours	£ 3.50
Every extra ½ hour after 4 hours up to 24 hours	£ 2.00
Other Charges	
Late return Charge - £120 If a bike is not returned after 72 hours it is considered to be missing	
Damage Charge - max. £120	
Loss or damage to the anti theft lock - £20	



# Travel- Electric Car

- In partnership with DRD, QUB now has e-car charging points across the University which staff can use to charge up!
- Locations
  - Main site Car Park
  - Fitzwilliam Car Park
  - Riddel Hall



**e-carni**  
Charged for Success





# Biodiversity

- QUB comprises of a rich and diverse 100 acre estate
- We have a responsibility protect and enhance biodiversity.
- How we are protecting it?
  - Part of RSPB's Pledge for Nature
  - All Tea & Coffee are 100% Fairtrade
  - Conduct Community Clean ups with staff & students
  - Biodiversity workshops e.g. creating birdfeeders
  - Planted over 400 trees- Woodland Trust



McClay Library Biodiversity Event  
Where they creating birdfeeders

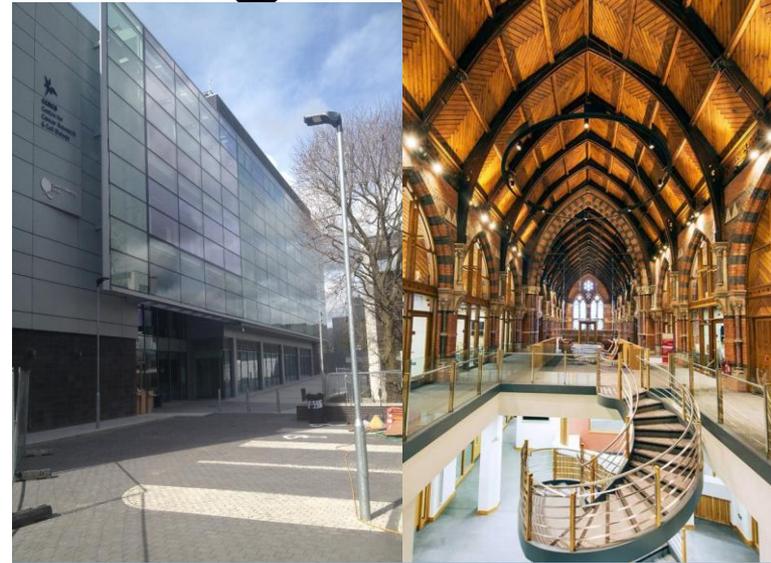


Holylands Community Clean up!



# Sustainable buildings

- We have some of the GREENEST buildings on campus
- Designed and built to BREEAM Excellent/Very Good Standard
- Green buildings including
  - McClay Library
  - Wellcome-Wolfson Institute for Experimental Medicine (CEM)
  - Graduate School- (Lynn Library)



# Green Challenge Project

- Want to encourage students to raise awareness of environmental issues amongst their own peer group.
- Financial funding will be provided for the best proposal
- Students must have a project approval



**GREEN  
CHALLENGE  
PROJECT**



# Communications

- Twitter  
@greenatqueens
- New Blog site!



<http://blogs.qub.ac.uk/greenatqueens/>



# Key Dates and Events

## 2015/16

- September – Green Impact Workshop
  - October – The Great Queen's Bake Off
  - November – Green Week
  - December – How Lo' Can You Go?
  - January – Caring for Nature: Biodiversity
  - February – Fairtrade Fortnight
  - March – Pedometer Challenge
  - April – Community Clean Up
  - May – Green Awards
  - June – Cycle to Work Week
- ❖ Keep an eye on our twitter & our monthly e-zine!



# Thank you!

- Any Questions?
- Environmental Team Contacts
  - Sara Lynch – [s.lynch@qub.ac.uk](mailto:s.lynch@qub.ac.uk) (ext. 1198)
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