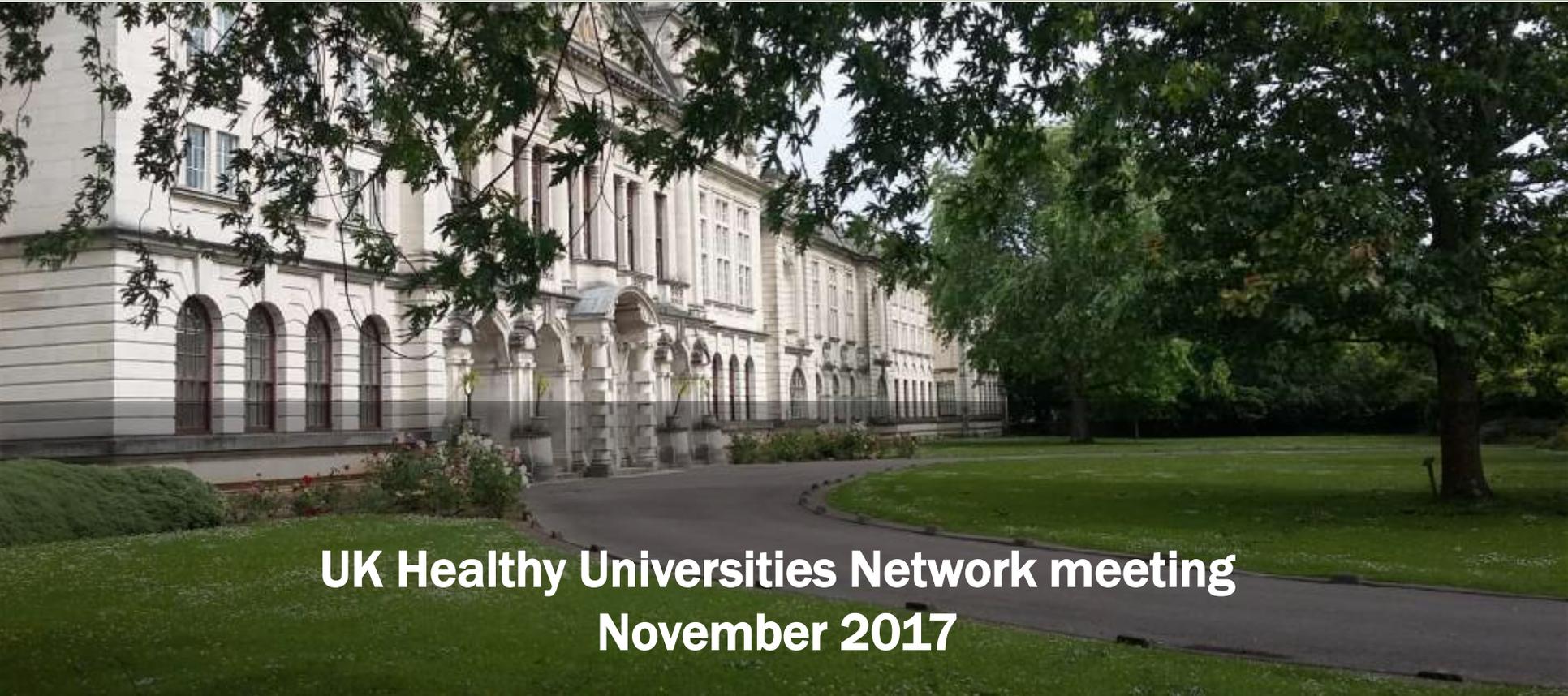


Sustainability at Cardiff University – our ambition



**UK Healthy Universities Network meeting
November 2017**

What kind of University do we want to be?

To make sustainability an integral part of our values and to embed sustainability in all of our operations. We will:

- empower our graduates and staff to become sustainable citizens who make a positive contribution to society
- ensure sustainable development is a key consideration in all senior decision making

Environment Management System

What are we doing:

- University accredited to 14001
- All areas have local aspects register
- Environmental Objectives and Targets set
- Managed through EMS Steering Group

[More info @](#)



What kind of University do we want to be?

The University was placed 48th (out of 154 UK Institutions). in the People and Planet University League The University scored 100% for both Environmental Policy and EMS and Auditing and 75% for carbon management.

An action plan has been developed to address areas for improvement which will be monitored by the Environmental Management Systems Steering Group.

[More info @](#)



- We spend £8.5 million on Utilities (Gas, Electricity and Water)
- Carbon Management Plan
 - Baseline (2005/6) Scope 1 and 2 emissions were 37,572 tonnes CO₂e
 - Reduction 20% by 2020
 - Currently have 270KW Solar PV
 - upgrading to high efficiency lights and sensor systems
 - installing water saving technologies

[More info @](#)

Sustainable Travel



- Raise awareness of impacts and alternatives,
- Encourage active travel,
- Encourage the use of public transport,
- Reduce single occupancy vehicle trips,
- Promote alternative business and working practices.

Code of Conduct to support a low-carbon research culture:

- **Monitor and reduce.** I will keep track of the carbon emissions of my professional activities, and set personal objectives to reduce them in line with or larger than my country's carbon emissions commitments (see 'Set your targets below).
- **Account and justify.** I will justify my travel considering the location and purpose of the event, my level of seniority, and the alternative options available.
- **Prioritise, prepare and replace.** For activities that I organise, I will chose the location giving high priority to a low carbon footprint of travel of the participants, and I will encourage, incorporate and technically support online speakers and webcasts to reduce unnecessary travel.
- **Encourage and stimulate.** I will resist my own FoMo (Fear of Missing Out) from not attending everything and work towards sensitizing others to the need of the research community to walk the talk on climate change.
- **Reward.** I will work with my peers, Institute and Funders to value alternative metrics of success and encourage the promotion of low-carbon research as a realisable alternative to a high-carbon research career.

<http://www.tyndall.ac.uk/travel-strategy>

Sustainable IT and Libraries



We aim to minimise the environmental impact of the IT and the Library services; and also use those services to improve the sustainability of the wider University:

- Energy efficiency, including PC Powerdown
- Electronic working and resources
- Remote working and collaboration services

[More info @](#)

Sustainable Procurement

Cardiff Business School Postgraduate Teaching Centre



£17.8m Positive Economic
Impact for Cardiff & Region

90%
of total
waste
473 tons
WASTE diverted from LANDFILL

DEVELOPMENT VALUE
£10m

6 people PREVIOUSLY
UNEMPLOYED

1 TRAINEESHIP
for people LIVING
in WALES

6 APPRENTICESHIPS
started & COMPLETED



£7.3m spent
with **SME's**
in **WALES**

£3000
CASH Contributions/
SPONSORSHIPS
distributed to organisations/projects
based in **WALES**

170 WEEKS WORTH
of Training & Skills provided

Community Benefits

We have adapted our current procurement and business practices to ensure that wider social, economic and environmental issues are taken into account when purchasing goods, services and works.

Community Benefits are used to support our strategic ambitions

Community Benefits opportunities will be considered in all tendering activity over the University's tender threshold.

Sustainability Risk Assessment

Procurement Services now apply a Sustainability Risk Assessment to all procurement exercises above the University tender threshold.

University Social Responsibility



- USR Policy
- Living wage employer
- University Fairtrade Policy
- Charitable groups and donations across the University
- Many social and community development activities
- Potential for increased coordination and promotion

[More info @](#)

Sustainable Food



- Fairtrade University for 10 years
- Healthy Options Gold award in all our restaurants
- Food for life Charter mark for all Catering and Bars
- KeepCups available in Coffee shops
- Food waste composted, waste cooking oil turned into bio-fuel

[More info @](#)

Recycling and waste minimisation



- Our aim is to divert as much waste as possible away from landfill.
- We operate an Office Recycling Scheme which covers the most typical recyclable materials, alongside other specialist and specific waste recycling schemes (e.g. metal, wood, toners etc.).
- The secure disposal of IT data assets and all other WEEE related items.
- Advice on how to recycle any specific material is contained in the A-Z guide at

[More info @](#)



- Bee Friendly University
- Swift Conservation – Roy Jenkins.
- Swift Nesting Boxes – Talybont North and South.
- Creation of natural habitat – Cartwright Court (Slow Worms).
- Wildflower planting – Cartwright Court / Talybont North / Llanrumney.

More info @

Sustainability research

- World-leading research across a wide range of disciplines
- Biodiversity, Climate, Earth, Energy, People, Places, Water,...
- Influencing policy and behaviour worldwide.



[More info @](#)

Environmental sustainability strategy (Draft)

What kind of University do we want to be?

To make sustainability an integral part of our values and to embed sustainability in all of our operations. Underpinning goals:

- A Prosperous University
- A resilient University
- A healthier University
- A globally responsible University

Making this happen

Key priorities (draft)

- To reduce our consumption of goods and services
- To source goods and services responsibly, taking into account their sustainability impact and being ethical in our business practices when dealing with our supply chain
- To reduce carbon emissions from business travel by using less polluting modes and more ICT alternatives to travel
- To ensure environmental sustainability is embedded into all business processes and events management
- To provide a behavioural change programme promoting sustainability issues and principles with all staff, students and stakeholders.

Environmental sustainability strategy (Draft)

Key Performance Indicators

- We will prioritise and phase out the use of single-use plastic such as plastic water bottles to the extent possible, and will improve recycling facilities of all kinds throughout the University.
- Number, value and % of new and renewed contracts over £25,000 being assessed using a sustainability risk assessment and/or impact assessment.
- We will lower the environmental impact of the University's business mileage.
- Roll out a targeted behavioural change programme to all staff and students.

Any questions?

Where can I find out more?

- <http://www.cardiff.ac.uk/about/our-profile/who-we-are/sustainability>