



# WEAUC

---

**WELSH ENVIRONMENTAL  
ASSOCIATION of UNIVERSITIES AND  
COLLEGES**



# WAG ESDGC strategy

---

## Overview

- Main thrust: examine latest WAG ESDGC strategy and what it means for each HEI
- Curriculum issues
  - Consider sustainable lecturing; what would it cover?
  - What would a sustainable lecturer/organisation be like?



## WAG ESDGC strategy

---

- **The Education for Sustainable Development and Global Citizenship – a Strategy for Action**
- WAG produced September 2006
- Covers whole of education including lifelong learning
- Budget £150,000 for all this.
- Have appointed Champion Claire Fowler ex RSPB- the author
- HEFCW interested in this.



# ESDGC strategy – Common Themes

---

- Commitment and leadership
- Requires underpinning CPD
- Integrated, joined-up thinking strategic approach
- Research and monitoring
- 2006-9 Plan



# ESDGC strategy – Higher Education

---

- HEIs *'pivotal'*, educating *'leaders of tomorrow's world'*
- *"Large role to play within the environmental management of their institutions and procurement..."*
- *"Potential for influencing others outside the university..."*
- Major national employers (6,874 staff) and consumers (120,000 FT and PT students)
- Need to green teaching (*"but need to respect curricular autonomy"*) and organisations (EMS and procurement)



# ESDGC strategy – leadership

---

- Leaders seen as key; commitment seen to ESDGC and a clear vision for ESDGC
- Audit actions on development of ESDGC
- Analysis of current work on ESDGC
- Strategic plans to include ESDGC, and how ESDGC addressed and delivered
- Need SD and GC policy



# ESDGC strategy – teaching

---

- Audit current courses:-
  - 100% schemes devoted to ESDGC eg BA/BSc and MSc Environment Conservation at Swansea Institute
  - And courses with modules eg Art environment modules
  - Cross Institutional modules eg Living Sustainably
  - Teacher training and PGCEs considered '**key**'
- And where it could be incorporated eg Swansea's *Living Sustainably* module
- And CPD, to enable teaching staff to deliver

# ESDGC strategy – teaching audit

---

- Cross Organisational work - partnerships
- Welsh Environmental Association of Universities and Colleges- WEAUC
- Swansea Environmental Education Forum



Swansea Environmental Education Forum  
Fforum Addysg yr Amgylchedd Abertawe

# ESDGC strategy – teaching audit

---

Swansea  
Environmental  
Education Forum  
HE/FE/AE/LLL



**Swansea Environmental Education Forum**  
Fforum Addysg yr Amgylchedd Abertawe

Higher Education, Further Education,  
Life Long Learning, and  
Adult Education Sub Group

**Environmental/Sustainable  
Courses Directory**

**for the Swansea Area**

December 2004



# ESDGC strategy – *Walking the Talk*

---

- Cannot teach without practising - hypocrisy!
- Refers to NAO Welsh HEIs Energy & Water audit
  - 120 mn kilowatt hours electricity costing £5million
  - 231 KWh gas pa £3mn
  - 87,000 tonnes carbon dioxide
  - 1.3 mn tonnes water over £2.5mn
  - Average annual travel on business £7.7mn



## ESDGC strategy – *Walking the Talk(2)*

---

- Outlines advantages of sustainability – financial, student recruitment
- *"Most of the cost of implementing sustainability policy can and should be met from institution's own resources."*
- *"...extra cost of 'greening' buildings... significant... reduced running costs."*



## ESDGC strategy – *Walking the Talk (3)*

---

- *Capital projects and revenue funding **“works against”** a sustainable approach...*
- *Fresh approach (life cycle costing) may solve this problem.*



# ESDGC strategy – *Walking the Talk: Actions*

---

- Develop suitable environmental management systems in order to minimise resource use to sustainable levels
- Work with Wales Sustainable Procurement Initiative



## ESDGC strategy – Third Mission

---

- Working with business, government and communities to “*enhance quality of life*” and “*facilitate knowledge transfer.*”
- ESDGC to be embedded in partnerships
- Training/CPD of staff of other organisations such as local authority
- KEF

Action: need to audit what third mission initiatives include ESDGC



# ESDGC strategy – Research and Monitoring

---

- Need to develop group of people who will research ESDGC; may need mechanisms as it cross curriculum areas.



# Sustainability and Global Citizenship and the Curriculum

---

- What doesn't this include?
- At the Institute, ESDGC is present in:-
  - Computing
  - Automobile Engineering eg engine design, use of bio-ethanol
  - Product Design
  - Art
  - Education
  - Accountancy
  - Construction
  - Induction for students and staff
- Real examples



# Sustainability and Global Citizenship and the Curriculum

---

- Questions:
  - How does one approach this?
  - Should all lecturers include ESDGC?
  - Can all lecturers include ESDGC  
(could easily be repetitious/  
incorrect/superficial/off putting)
  - Should there be a strategy for every course?
  - Are there CPD implications?
  - Recommendations



# ESDGC and the Lecturer

---

- Questions:
  - Should a lecturer practise sustainability? (Pedagogy)
  - For example,
    - *Should we give lecturing notes?*
    - Electronic learning shown by BBC OU study to be less sustainable – used more paper and electricity
  - Other issues



# ESDGC and the Organisation

---

- Questions:
  - Should the HEI practise sustainability? (Large scale pedagogy)
  - For example,
    - *Should we timetable classes on two/three days a week?*
    - Reduce travel impacts, allow students to work on other days to support themselves or be with family/children.
  - Other issues; staff and student induction and CPD.



## ESDGC: References and Contact

---

- Welsh Assembly Government (2006) **Education for Sustainable Development and Global Citizenship- A Strategy for Action**. DELLS Information Document No: 017-06. Date of Issue: 19 September 2006.
- Available from James Evans, Additional needs and Inclusion Division, 3<sup>rd</sup> Floor, WAG, Welsh Assembly Government, Cathays Park, Cardiff, CF 10 3NQ.
- Phone: 029 2082 6074.
- Or from [www.wales.gov.uk/educationandskills](http://www.wales.gov.uk/educationandskills)
- My contact details: Elizabeth May, Environment Manager Mount Pleasant Campus, Mount Pleasant, Swansea SA1 6ED.
  - Phone: 01792 481143
  - [elizabeth.may@sihe.ac.uk](mailto:elizabeth.may@sihe.ac.uk)