



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

Bibliography of policy, guidance and information sources on delivering Low and Zero Carbon Development

April 2009

FABER MAUNSELL | AECOM



Useful organisations and information providers

Bioregional – and independent environmental organisation, supporting ‘one-planet’ living (www.bioregional.com)

The Buildings Research Establishment (BRE) – centre of expertise on buildings, runs BREEAM/EcoHomes (www.bre.co.uk)

The Carbon Trust – a government-funded independent company, helps businesses and the public sector to cut carbon emissions (www.thecarbontrust.co.uk)

Commission for Architecture and the Built Environment (CABE) (England) – advice on well-designed buildings, place and spaces and provide publications for design advice and case studies (www.cabe.org.uk)

Communities and Local Government (CLG) – although related to English planning system the site provides policy statements and guidance that could be useful to delivering low and zero carbon homes in Wales. This includes information on the Code for Sustainable Homes, low and zero carbon, and the Building Regulations that are currently applicable in Wales (www.communities.gov.uk)

The Design Commission for Wales – provides advice on good design and delivering a high quality built environment, this includes case study examples throughout Wales (www.dcfw.org.uk)

Department of Energy and Climate Change – although related to English government website contains links to UK legislation relating to energy, energy policy and guidance on tackling climate change (www.decc.gov.uk)

The Energy Saving Trust – a government-funded independent company that aims to help cut carbon emissions across the residential sector (www.est.co.uk)

Homes and Communities Academy – planning and climate change pages giving advice ideas, examples of practice and signposts to further sources of information (www.hcaacademy.co.uk/planning-and-climate-change)

London Energy Partnership – includes advice on delivering low and zero carbon development through planning policy (www.lep.org.uk)

Planning Advisory Service (England) – climate change planning guidance pages. These pages, although most relevant to England, contain useful and detailed information on evidence, policy writing, determining planning applications and enforcement, related to lower carbon development (www.pas.gov.uk/pas/core/page.do?pagelid=94314)

Planning Portal is a source of information on planning for the public sector, planning professionals and the public, with dedicated pages for planning in Wales (www.planningportal.gov.uk/)

Royal Town Planning Institute – Cymru – this RTPi website contains sources of information on planning and the environment, with Wales specific guidance on the RTPi Cymru part of the site www.rtpi.org.uk/rtpi_cymru

Town and Country Planning Association (TCPA) – provide publications on various subjects which relate to planning including climate change, sustainable energy, renewable energy, design and construction (www.tcpa.org.uk/publications.asp)

UK Building Regulations
(www.communities.gov.uk/planningandbuilding/buildingregulations/)

Welsh Assembly Government (WAG) - national Government for Wales provides has information on climate change in Wales and planning policy and guidance
(www.wales.gov.uk)

Zero Carbon Hub Wales - Facilitating the mainstream delivery of low and zero carbon homes (www.zerocarbonhub.org is the national body)

Background information

International:

Intergovernmental Panel on Climate Change (www.ipcc.ch/)

Kyoto Protocol (www.unep.org)

UK:

'Building a Low-Carbon Economy – the UK's contribution to tackling climate change', Committee on climate change (Dec. 2008) www.thecc.org.uk/reports

UK Climate Impacts Programme www.ukcip.org.uk/

'The UK Climate Change Programme', HM Government (2006)

Climate Change and Sustainable Energy Act 2006

Climate Change Act 2008

Planning and Energy Act 2008

Consultation on 'Heat and Energy Saving Strategy', Department of Energy and Climate Change and Department for Communities and Local Government (2009) (NB closes 8 May 2009)
<http://hes.decc.gov.uk/>

Definition of Zero Carbon Homes and Non-Domestic Buildings, HM Government, 2008
<http://www.communities.gov.uk/publications/planningandbuilding/zerocarbondefinition>

UK Green Building Council <http://www.ukgbc.org/site/home>

Wales:

'Wales: Changing Climate, Challenging Choices: The Impacts of Climate Change in Wales From 2000 to 2080 – Summary Report and Technical Report', The National Assembly for Wales, National Assembly for Wales (2000) www.ukcip.org.uk

Low Carbon Wales – to improve resource efficiency in Wales', Expert Panel on Resources Management (March 2007) www.swan.ac.uk/media/Media,14179,en.pdf

'Renewable Energy Route Map for Wales – consultation on a way forward to a leaner, greener and cleaner Wales', Welsh Assembly Government (2008) (NB Consultation Closed)
<http://wales.gov.uk/consultations/closedconsultations/environment/renewenergymap/?lang=en>

National Energy Efficiency Savings Plan
<http://wales.gov.uk/consultations/environmentandcountryside/energysavingsplan/?lang=en>

One Wales

One Wales is the Welsh Assembly Government's programme for government.
<http://wales.gov.uk/about/strategy/publications/onewales/?lang=en>

Sustainable Development Scheme – The consultation on the *Sustainable Development Scheme: One Wales, One Planet* set out how the Assembly Government proposed to make sustainable development the central organising principle for government in Wales.
<http://wales.gov.uk/consultations/closedconsultations/sustainable/onewalesoneplanet/?lang=en>

Environment Strategy

<http://wales.gov.uk/topics/environmentcountryside/epq/envstratforwales/?lang=en>

Climate Change Strategy - High Level Policy Statement. Consulted on in January/February 2009, the Climate Change Strategy High Level Policy Statement defines the Welsh Assembly Government's 3% per annum greenhouse gas emission reduction target, explains how it will be measured and identifies key areas for action
<http://wales.gov.uk/consultations/environmentandcountryside/climatestage1/?lang=en>

Other:

'Green Light to Green Power, The Mayor's Energy Strategy', Greater London Authority (Feb 2004) www.london.gov.uk/mayor/strategies/energy/index.jsp

Towards a Low Carbon Built Environment – A road map for action', RICS (Feb 2009)
www.rics.org/Knowledgezone/Researchandreports/roadmap_160209_research.html

Wales planning policy (current and draft)

www.wales.gov.uk

'An Approach to a Compendium on Climate Change (2006) as found in Planning for Climate Change: Consultation document, Welsh Assembly Government (2006)

'Further consultation on Planning for Climate Change', Welsh Assembly Government, (July 2008)

'Lifting the Planning Barriers to Domestic Energy Micro-generation: Proposed Changes to Permitted Development Rights, Welsh Assembly Government (2007)

Ministerial Interim Planning Policy Statement – Planning for Renewable Energy 01/2005, Welsh Assembly Government (January 2005)

Ministerial Interim Planning Policy Statement 01/2008 on Good Design (January 2008)

Ministerial Interim Planning Policy Statement (Draft) – Planning for Climate Change: Consultation Document, Welsh Assembly Government (December 2006)

'Planning Policy Wales', Welsh Assembly Government (2002)

'Technical Advice Note 8 – Renewable Energy', Welsh Assembly Government (2005)

'Technical Advice Note 12 – Design', Welsh Assembly Government (2002) and draft TAN12 Design (May 2008)

England: planning policy and guidance

www.communities.gov.uk/planningandbuilding/planning/planningpolicyguidance/planningpolicystatements/

'Planning Policy Statement: Planning and Climate Change - Supplement to Planning Policy Statement 1', Communities and Local Government (Dec 2007)

'Planning for renewable energy: a companion guide to PPS22', Office of the Deputy Prime Minister (2004)

'Planning Policy Statement 1: Delivering Sustainable Development', Communities and Local Government (Jan 2005)

Guidance documents on delivering low and zero carbon development

UK / England:

'Planning Policy Statement 26: Tackling climate change through planning: The Government's Objectives Discussion Document', TCPA, FoE (Sept 2006)
http://www.tcpa.org.uk/climate_change_files/20070926-PPS26_DD.pdf

'Planning for renewable energy: Implementing PPS22 – Guidance for preparing renewable energy planning policies in development plan documents', TCPA (2006)

'40% House', Environmental Change Institute, University of Oxford (2005)
www.40percent.org.uk

'Beddington Zero (fossil) Energy Development: toolkit for carbon neutral developments – Part II', BioRegional Development Group (2003)

Energy Savings Trust, local authority advice
<http://www.energysavingtrust.org.uk/business/Business/Local-Authorities>

'Building a Greener Future: policy statement', Communities and Local Government (July 2007)
www.communities.gov.uk/publications/planningandbuilding/building-a-greener

The Code for Sustainable Homes: includes summary leaflet, assessment process guidance and technical guide.
<http://www.communities.gov.uk/planningandbuilding/buildingregulations/legislation/englandwales/codesustainable/>

CLG Zero Carbon Homes website:
www.communities.gov.uk/planningandbuilding/theenvironment/zerocarbonhomes/

Includes:

- 'Costs and Benefits of Alternative Definitions of Zero Carbon Homes: Project report', Communities and Local Government (February, 2009)
- 'Definition of Zero Carbon Homes and Non-Domestic Buildings: Consultation', Communities and Local Government (December, 2008)

'Towards Zero Carbon Developments: Supportive information for Boroughs', London Energy Partnership and Greater London Authority (July 2006)
<http://www.london.gov.uk/mayor/environment/energy/partnership-steering-group/action.jsp>

'Sustainable energy by Design', TCPA (Jan 2006)
<http://www.tcpa.org.uk/publications.asp>

'The planning response to climate change: advice on better practice', ODPM, Welsh Assembly Government, and the Scottish Executive (2004)
<http://www.communities.gov.uk/documents/planningandbuilding/pdf/147597.pdf>

London:

'Integrating renewable energy into new developments: Toolkit for planners, developers and consultants', London Energy Partnership/GLA (September 2004)
www.london.gov.uk/mayor/environment/energy/london_renew.jsp

Wales:

'Shaping the Way We Work, Live and Play: Practical guidance on delivering sustainable development through the planning system', Wales Local Government Associates (2007)
www.wlga.gov.uk/english/environment-regeneration/shaping-the-way-we-work-live-and-play/

Sustainable buildings

'The Green Guide to Housing Specification', BRE (2000)
(<http://www.thegreenguide.org.uk/>)

'Low or Zero Carbon Energy Sources – report 4: final report', ODPM (Dec 2005)
<http://www.communities.gov.uk/publications/planningandbuilding/loworzero>

'Urban Design Compendium' English Partnerships and The Housing Corporation (2000)
www.urbandesigncompendium.com

Energy strategy

'The Mayor's Energy Strategy: a green light to clean power', GLA (2004)
(www.london.gov.uk/mayor/strategies)

'Leading the Way: How local authorities can meet the challenge of climate change', LGA Publications with EST and Energy Efficiency Partnerships for Homes (2005)

EU Energy Performance of Buildings Directive (www.communities.gov.uk and www.diag.org.uk for more information)

Community energy networks

'Community heating for planners and developers: a guide to delivering sustainable communities using combined heat and power and renewables. Ref: GPG389'. Energy Saving Trust and Carbon Trust (2004)
www.est.org.uk/housingbuildings/communityenergy

'Decentralising power: an energy revolution for the 21st century', Greenpeace (2005)

Sources of case study information

'What makes an eco-town? A report from BioRegional and CABE inspired by the eco-towns challenge panel' CABE, BioRegional (2008)

www.cabe.org.uk/files/what-makes-an-eco-town.pdf

'The Urban Design Compendium', English Partnerships and Housing Corporation (2000)

www.urbandesigncompendium.co.uk

Combined Heat and Power Association – has case studies on community schemes

www.chpa.co.uk

'Hallmarks of a Sustainable City', CABE (March 2009)

www.cabe.org.uk

Design Commission for Wales

<http://dcfw.org/>

'Sustainable energy by Design', TCPA (Jan 2006)

www.tcpa.org.uk/publications.asp

Planning case studies:

'Energising Southampton – A sustainable vision for the city to 2026', Southampton City Council

www.southampton.gov.uk/Images/energy%20vision_tcm46-187666.pdf

'Decentralised Renewable and Low-Carbon Energy Provision on Large Developments – interim guidance note', Craven District Council (Feb. 2009)

<http://www.cravendc.gov.uk/Craven/Residents/PlanningServices/PlanningPolicy/LDF/LDF.htm>

'Supplementary Planning Document: Energy efficiency and renewable' Uttlesford District Council, (October, 2007)

www.uttlesford.gov.uk/documents/website/Planning/SPD/energyefficiency.pdf

'Supplementary Planning Guidance and Checklist – London Borough of Ealing'

www.ealing.gov.uk/services/environment/planning/planning_policy/complying_with_planning_policy/