



Wales Low/Zero Carbon Hub

22nd February 2012

Progress report

Director Sally Sudworth



Introduction

- **Constructing Excellence**
- **LZCH progress report**
 - **Climate Change Commission**
 - **Workstreams**
- **What's next**

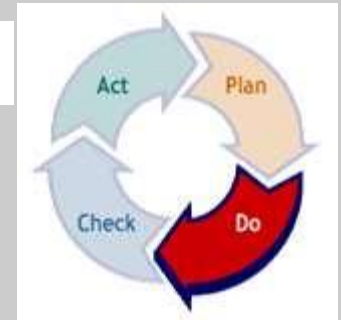
CEW Core Programme



- Demonstration Projects
- Exemplar Programme
- Construction Waste Minimisation
- Performance measurement
- Task and Finish groups
- Consultative Forum
- Public Sector Client Forum
- **Awards** 12 noon, Tuesday 13 March 2012
- Events Programme



KPIs



Low Zero Carbon Hub



The Strategy

The **strategic aim** of the hub is to:

‘act as a **dissemination mechanism** to stakeholders and a **source of advice** to Welsh Ministers over activities and actions needed to achieve the aspiration of **zero carbon new build** and the contribution to be made by buildings that will help to deliver the **3% annual target** to cut greenhouse gas emissions’

<http://www.cewales.org.uk/zero-low-carbon-hub/>



Low Zero Carbon Hub



Strategic Actions

- Advise Welsh Ministers
- Raise awareness amongst stakeholders
- Disseminate best practice
- Work with existing knowledge networks and organisations
- Identify, propose and promote practical actions
- Identify gaps in current policies
- Support implementation of Building Regs



Workstreams

1. Residential New Build
2. Residential Existing Buildings
3. Non Domestic Buildings
4. Sustainable Living
5. Skills and Training



Steering group – workstream leaders



Colin King, Residential New Build

Nick Tune, Residential Existing Buildings

Gordon Brown, Non Domestic Buildings

Chris Tweed, Sustainable Living

Wyn Prichard/ Chris Hughes, Skills and Training



Low Zero Carbon Hub



Climate Change Commission

Actions:

Report quarterly to CCC meetings

Annual Report: Launch 31st Jan Senedd

Summit: March 14



Low Zero Carbon Hub



Climate Change Commission

Built Environment: - Recommendations:

1. Ambitious large scale retrofit
2. Ready for the Green Deal
3. Community scale projects for renewables

(Mandatory DEC's)



Workstreams



**Residential New
Build**

**Residential
Existing
Buildings**

Skills and Training

Sustainable Living

**Non Domestic
Buildings**



Residential New Build



Issues:

Devolved Building Regs: Part L
Code for Sustainable Homes
Passivhaus
Fabric first approach
Planning

Projects/ Events:

Build Regs 2013: Part L workshops WG
Part L 2015 breakfast meetings
Planning review research
Conferences (RSAW/ RICS/ CIH)



Residential Existing Build



Issues:

- Retrofit
- Arbed Phases 1 & 2
- Green Deal
- Renewable Heat incentive
- Feed in tariffs
- Skills
- Waste from refurbishments
- Fabric energy efficiency
- Air quality
- Water efficiency
- Quality standards
- Warrantees



Projects/events:

- RHI/FIT breakfast meetings
- Desk study – building consumption
- CCC Summit
- Green mortgages
- Water efficiency breakfast
- Arbed 2 liaison
- Existing Homes Alliance
- Sustainable traditional buildings alliance
- Code for Retrofit
- Quality/warranty study
- Insulation/ventilation/damp study
- Ecobuild Centre

Skills & Training



Issues:

Cut the Carbon
BEST & WEST
Designing out Waste



Projects/ Events:

Training courses database - Cardiff Uni
Site Carbon Manager training
CSkills & BRE skills review
Note: Green Deal Skills Alliance
(leadership training for Influencing Change)
Prof Services Employers Group
Cynnal Cymru business breakfast

Non Domestic



Issues:

Building consumption
EPCs and DEC
Handovers and soft landings
Integrated teams and collaboration
BREEAM 2011



Projects/ events:

Fforwm BREEAM evening seminars
Conferences: Carbon Trust, Welsh Healthcare Estates
Newport Construction Forum
Local Authority collaborative works group
A Welsh DEC study
CEW awards

Sustainable Living



Issues:

Behaviour change – post occupancy
Use of systems/ Smart meters etc
Energy awareness
Water awareness (embodied energy)

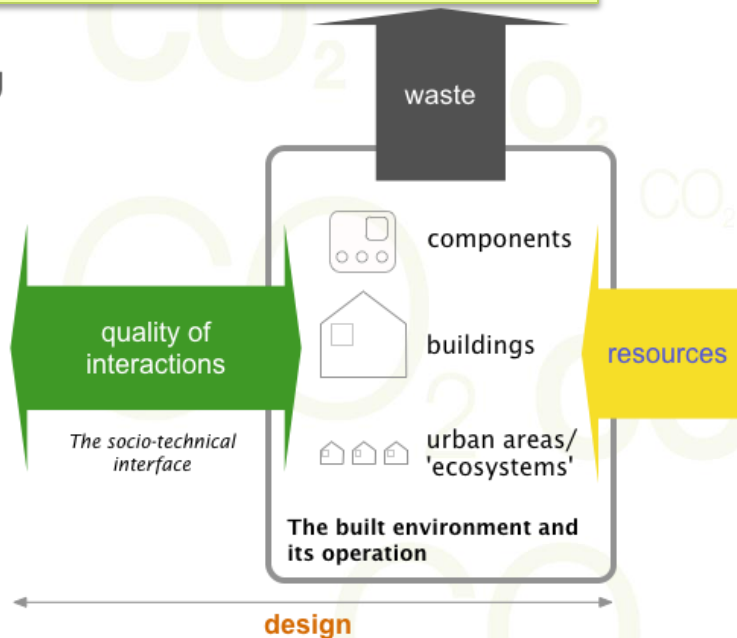
Projects & Events:

Data collection research
review lifestyle & behaviour
WG Behavioural Change Programme

LZCH Wales
Sustainable Living



People—their needs and wants



What's next?

- **Business planning**
- **Project delivery**
- **Meetings/Events:**
 - **Water efficiency 8 March**
 - **Fforwm BREEAM 23 Feb**
 - **Green Deal various**
 - **CCC Summit 14 March**
 - **Part L Building Regs workshops 28/29 Feb**
 - **Script portal – don't forget to register**



**Thanks for listening
Any Questions ?**

sally.sudworth@cewales.org.uk