

**Milica Kitson**

**Chief Executive  
Constructing Excellence  
in Wales**

# Constructing Excellence Wales

- Who we are, what we do
- Zero/Low Carbon Wales
- Progress since Latham and Egan
- Collaborative Working
- Sustainable Construction
- Summary

# Constructing Excellence in Wales

- Limited Company, Board of Directors
- Cross sector organisation
- Industry Steering Group
- Funded by WAG

# Grant – Approved Purposes

- Promote ‘Rethinking Construction’
- Promote collaborative working
- Demonstrate Innovation
- Construction Waste Minimisation Programme
- Disseminate Best Practice
- Establish communication network in Wales
- Measure and monitor industry in Wales

# What does CEW do?

- Promote construction best practice and knowledge especially the principles of collaborative working established by the Latham and Egan Reports – **prove the business case for change**
- We provide a link between government, clients, industry and end users via projects, forums and networks

# Zero/Low Carbon Wales

- **Current requirements for new buildings involving Assembly funding or assistance:**
  - BREEAM Very Good (with Excellent energy credits)
  - Code for Sustainable Homes Level 3
  - Minimum of 10% (by value) of recycled materials
- **Aspiration for new buildings from 2011:**
  - Zero Carbon
    - defined as Code Level 5 (energy - for new homes)
    - definition to be agreed for non-domestic buildings
  - 3% p.a. reduction in greenhouse gas emissions

# Zero/Low Carbon Hub

- Provide a route map
- Act as a focal point for information
- Strong relations with UK Hub
- Relevant EU legislation
- Devolution of Building Regulations
- Coordinate advice
- Report through Climate Change Commission

# Post Egan and Latham Collaborative Working Sustainability

# Post Latham and Egan

Constructing the Team	Latham	1994
Rethinking Construction	Egan	1998
Achieving Excellence in Construction	Treasury	1999
Modernising Construction	NAO	1999
Building a Better Quality of Life	DETR	2000
Better Public Buildings	CABE/PM	2000
Accelerating Change	Strategic Forum	2002
National Procurement Strategy	ODPM	2003
Egan Skills Sustainable Communities	ODPM	2004
Public Sector Efficiency 'Gershon'	Treasury	2004
Improving Public Services	NAO	2005
Strategy for Sustainable Construction	BERR	2008
Construction Matters	BERR	2008
Integrated Teams	SEA	2009

# What are they all saying?

- Too many projects over budget & time with too many defects
- Inefficiency & Waste amounted to 30% of capital cost
- Traditional processes of selection must change
- Contracts to lead to mutual benefit
- Selection should be on Best Value – NOT lowest price
- Performance Measurement and Continuous Improvement
- Integrated teams, including the client, must be formed before design.

# Collaborative Working Integrated Teams

- Generates efficiencies in both the design and construction stages
- Enables whole team to influence planning and design of the project
- Proper management of risks and costs
- Avoids costly re-working of initial design
- Promotes a more realistic costing and bidding process

# Integrated Teams

## Construction Matters 07/08

**‘Overall, government is not doing enough as a client to engage with the supply chain early on – a key feature of integrated working. As a result, the public sector is missing out on efficiencies that would deliver a cheaper and better quality end-product.’**

# Sustainability

- Efficient generation and use of energy
- Reduction of dependence on fossil fuels
- Minimising waste
- Plan developments in socially sensitive ways
- Look at impact on local economies

# Sustainable Buildings

- Reduced energy consumption and emissions
- Minimal use of resources – water and construction materials
- Reduced release of pollutants
- Maximum use of sustainably sources and recycled materials
- Sustainable travel choices
- Conserve or enhance biodiversity
- Use materials that can be continually recycled

# Strategy for Sustainable Construction

## Means:

Procurement  
Design Quality  
Innovation  
People  
Regulation

## Ends:

Climate change mitigation  
Climate change adaptation  
Water  
Biodiversity  
Waste  
Materials

# Strategy for Sustainable Construction

The Strategy notes that:

**More widespread adoption of integrated working practices within the industry is most likely to deliver a more sustainable end product**

# Summary

- Government and Industry Reports consistent
- Collaborative working through integrated teams is the only way
- Best Practice, Demonstration Projects

- **If we are serious about reducing the carbon footprint of the built environment, we need more than a handful of demonstration projects.**
- **We urgently need to improve the performance of every building we erect.**
- **We can only do that by working collaboratively**

# Milica Kitson

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