

# **BEAMA Installation Annual Conference 2007**

## **Sustainability and the Built Environment**

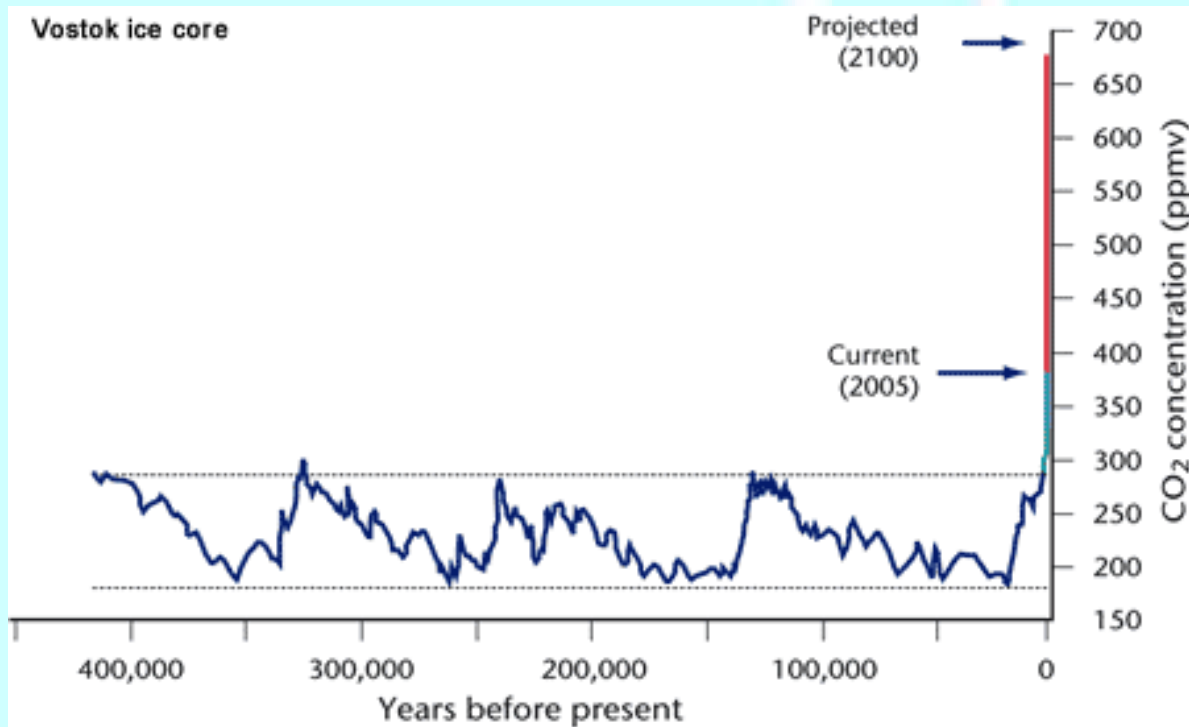
Kelly Butler, Association Director

# What To Expect

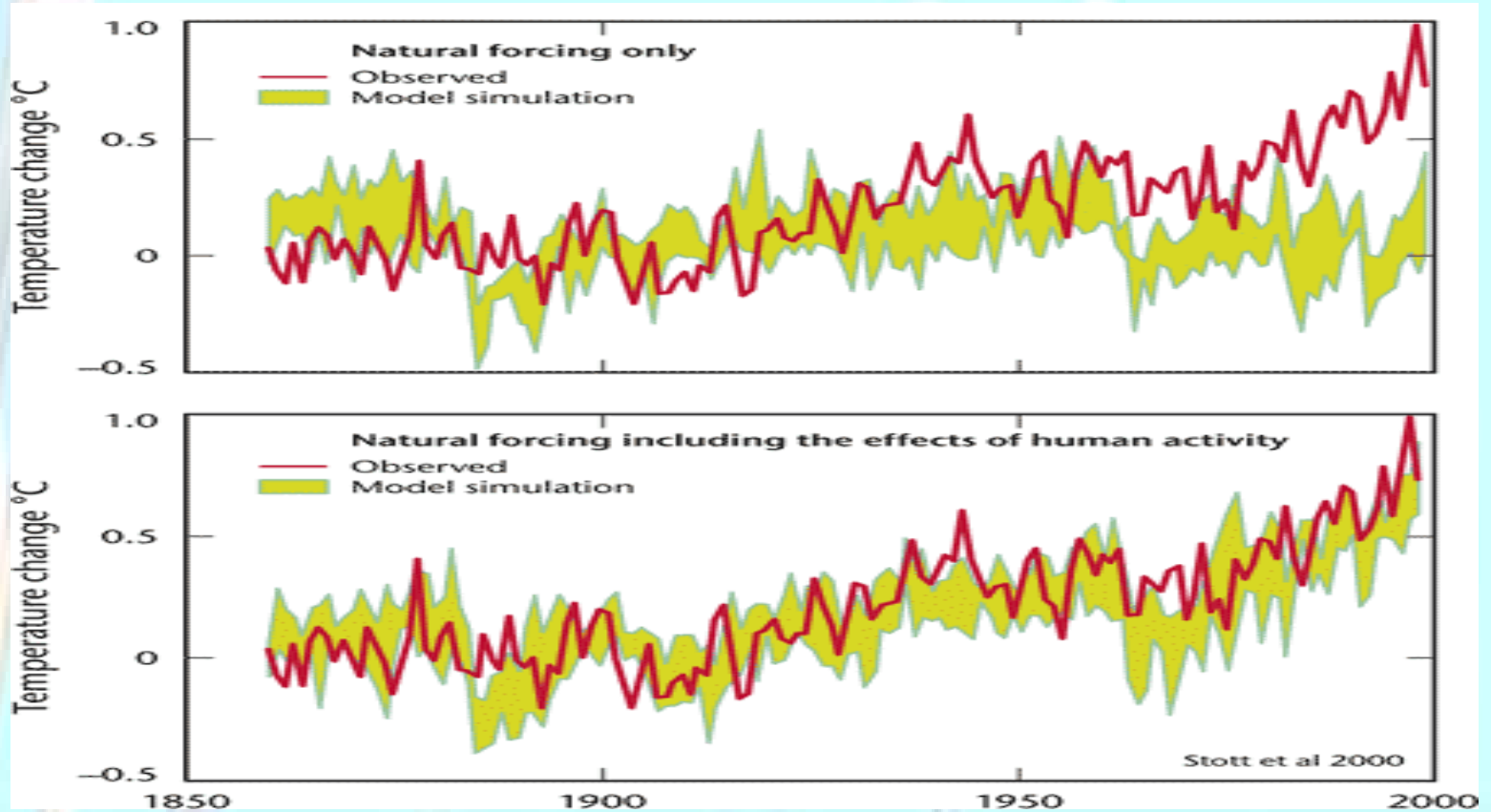
**A quick tour around a very complex issue**

- Why we talk about sustainability
- The policy and business drivers
- Timelines for action
- Policy implementation
- The BEAMA dimension

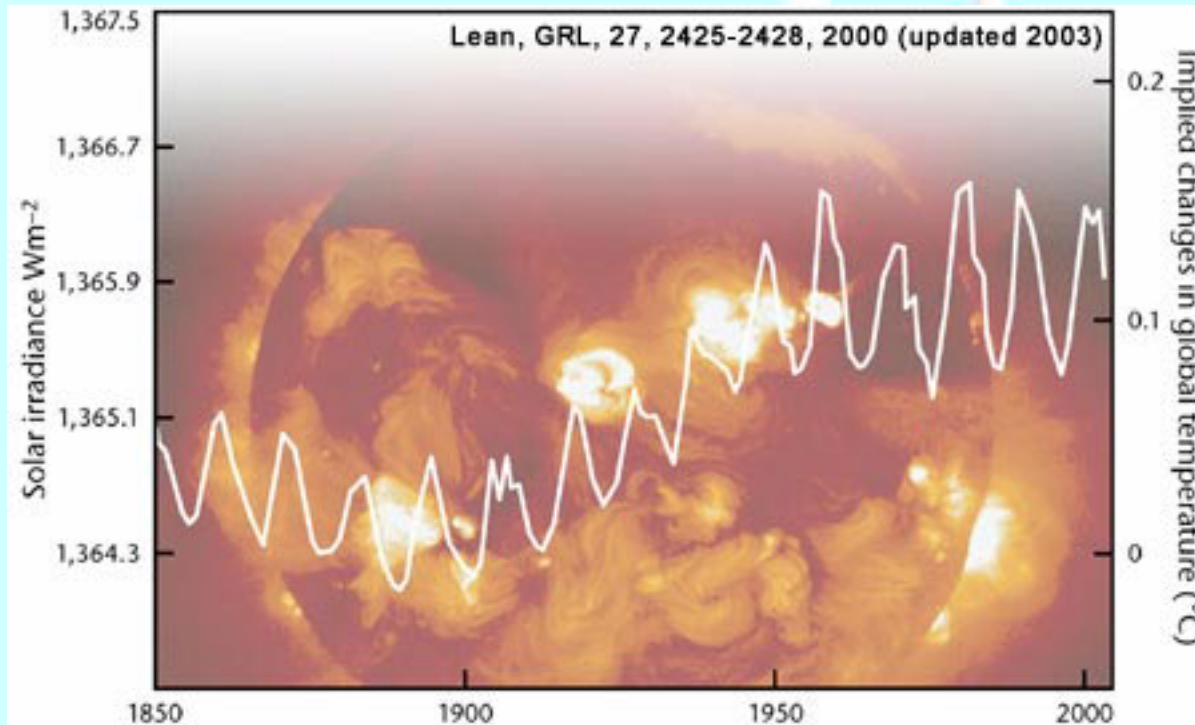
# The Political Motivation



# The Political Motivation (2)

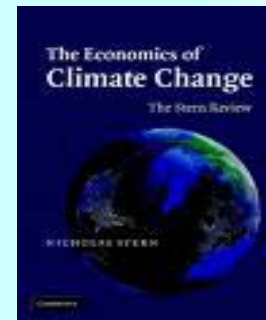


# The Political Motivation (3)

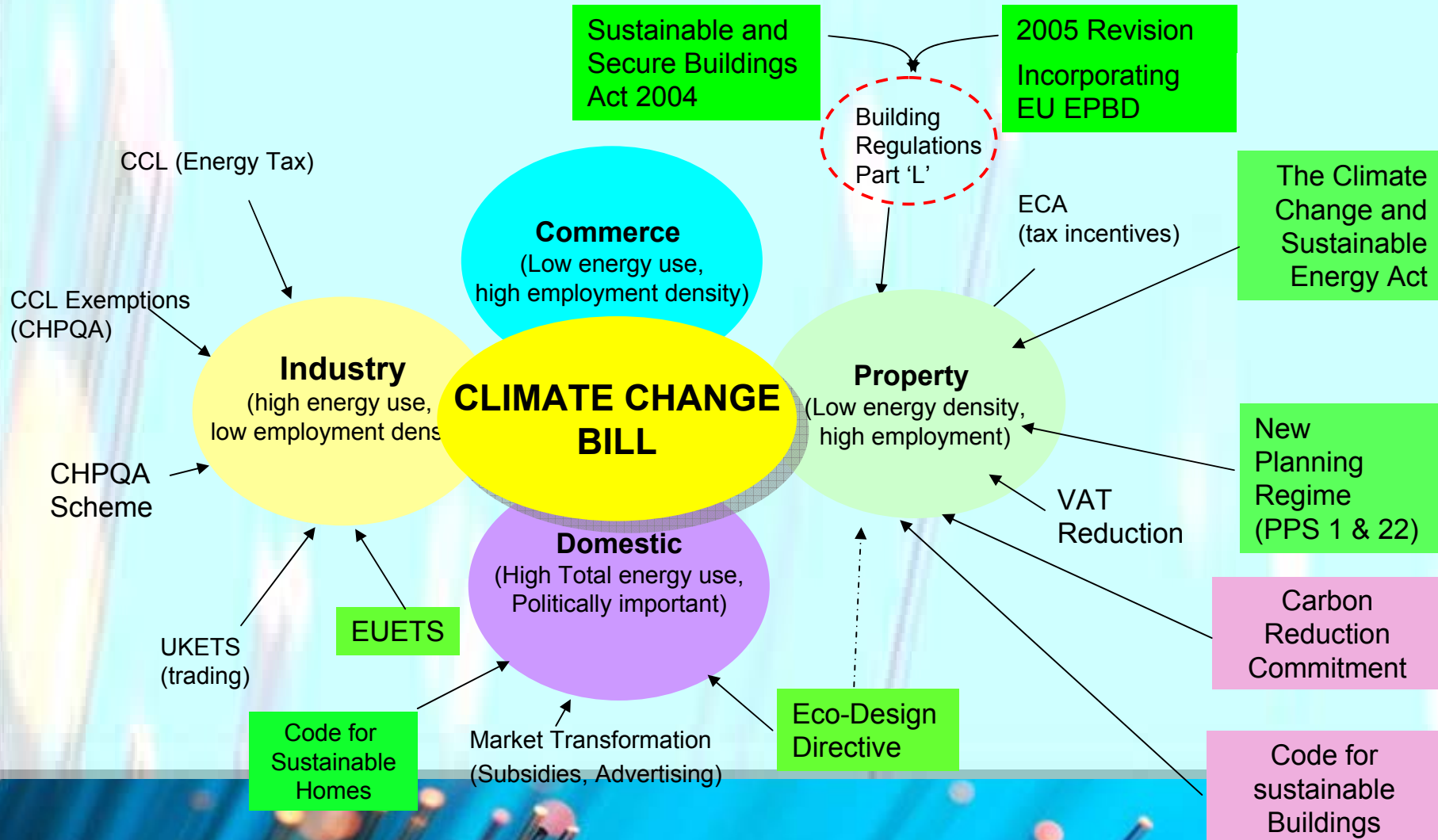


# The Business Motivation

- Sir Nicholas Stern, head of the Government Economic Service and the former chief economist at the World Bank, said that the scientific evidence was now “overwhelming” that climate change was under way and presented “very serious risks”.
- He described climate change as the “greatest and widest-ranging market failure ever seen”, but said that action could and should be taken to avert the worst effects.
- He concluded that spending 1 per cent of gross domestic product each year on tackling climate change would save 5 to 20 per cent of GDP by the end of the century, but that Britain could not act alone — it required internationally agreed measures.



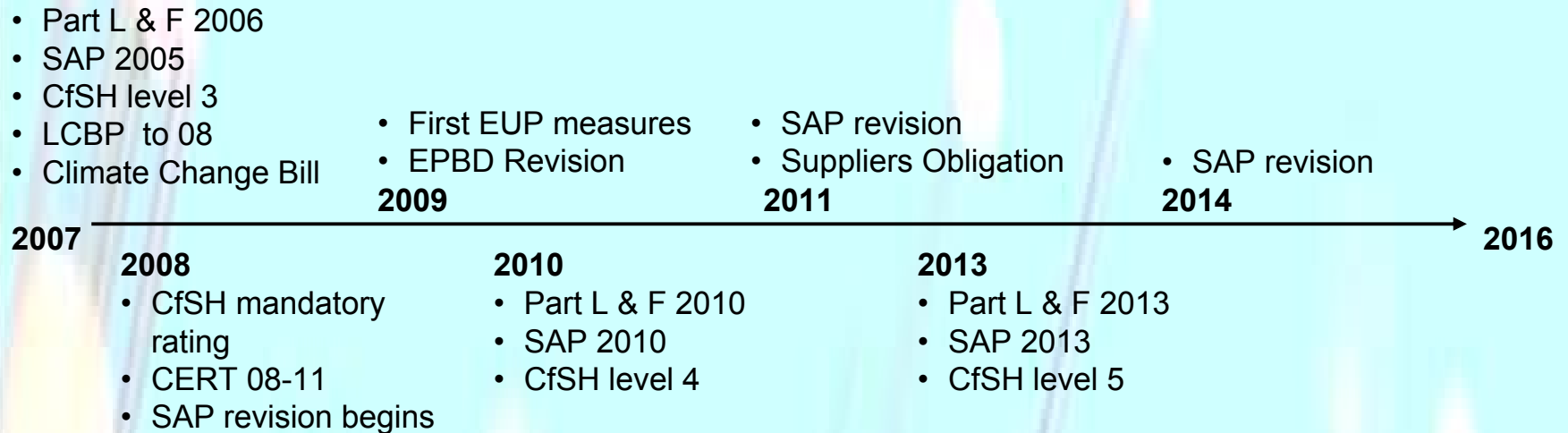
# Political Market Drivers



# The Sustainable Building Activity Circle



# A Challenging Timeline



The likelihood of a non-domestic Code for Sustainable Buildings is high with the 2010-2013 Future Thinking publication (July 2007) stating significant reductions in carbon pending over next 10 years

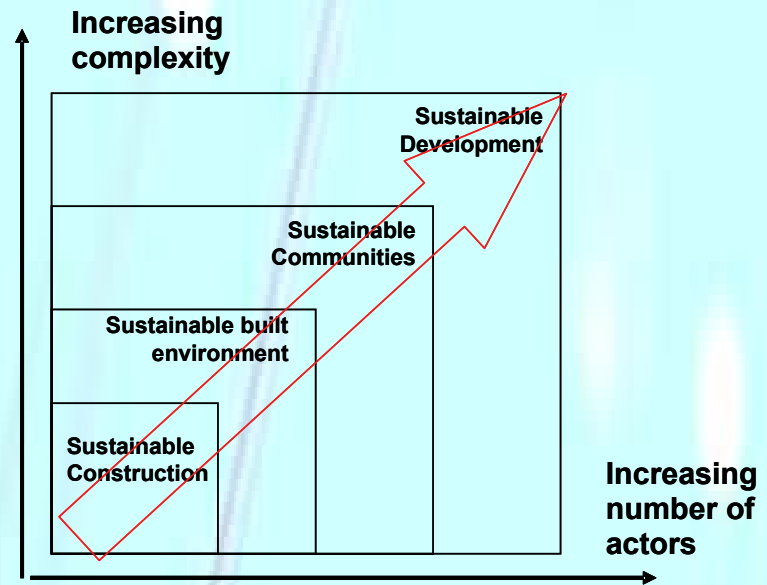
Delivering 2 million homes by 2016 and 3 million homes by 2020: Housing supply will rise over time towards the 240,000 per year target in 2016, delivering approximately two million new homes by 2016 and continuing at around 240,000 homes per annum over the next four years to deliver an extra million new homes by 2020.

# How Policies Will Be Implemented

- Increased use of national building codes
  - Example in the UK is the plan for all domestic new build to be zero carbon by 2016
- Relaxation of planning regulations
  - Both at national level for major infrastructure projects
  - At local levels for buildings based renewables
- Use of fiscal measures
  - Reductions in tax burden for Low Carbon solutions
  - Use of levies for High Carbon technologies
- Increasing pressure on customer businesses and consumers for low carbon solutions

# Where Do BEAMA Members Fit?

- Sustainability means many things to many people
  - Sustainable development
  - Sustainable communities
  - Sustainable built environment
  - Sustainable construction
- BEAMA members are in the first 2 stages



# The BEAMA Response

## **Publish and promote a BEAMA Sustainability White Paper**

- Complete Product Registers
- Define what industry can deliver for construction and product/system performance
- Set the policy and industry agenda

# The BEAMA Response (2)

## **Publish and promote a BEAMA Sustainability White Paper**

- Develop our position through working groups
  - Domestic Buildings
  - Commercial Buildings
  - Networks
- Engage government departments

# Simplify The Issue

## Data & Specification

### Outputs

Anything related to product performance, improvement potential, relationships between product and building carbon footprint

## Marketing & Education

### Outputs

Define training needs, required seminars for influencers, policy messages

## System Integration

### Outputs

Define related product sectors for integration, identify information and demonstration/research gaps, barriers to technical/market adoption

# We Can Conclude...

- Policy will increasingly impact your business
- UK and EU policy engagement is vital
- Understanding your role and worth is equally important
- Support for the BEAMA Sustainability White Paper initiative is a logical membership action