



Energy Certification & Carbon Trading
will they produce better buildings?

RUMFORD CLUB October 2009



Energy Performance Certificates (EPC)



- Certificate with A to G Grade and Rating indicating energy efficiency of a buildings fabric and plant
- Required at the time of construction, sale or letting: given to prospective owner/tenant
- For all non domestic buildings – and dwellings
- Responsibility of vendor or lessor
- Includes a Recommendation Report of cost effective measures
- Valid for up to ten years

Display Energy Certificates (DEC)



- Certificate with A to G Grade and Rating indicating energy efficiency based on metered energy use
- Required NOW for all larger public buildings (over 1,000sqm) – occupied by public authorities/institutions and visited by the public
- Responsibility of occupier – must be on permanent and visible display
- Valid for one year Required every year
- Includes and Advisory Report of cost effective measures – valid for seven years

Air Conditioning Inspection (ACI)



- Inspection and report indicating energy efficiency of air conditioning plant
- Required NOW by law for all air conditioning systems with over 250 kW output
- Must also report actions for improvement

Carbon Reduction Commitment

The CRC Energy Efficiency Scheme



- A new Law coming in to force in April 2010
- Applies to non industrials broadly with over £0.5m electricity bills
- Allowances for all energy use must be purchased each year from April 2011 – from the government or traded with other organisations
- Reporting of energy use and emissions each year from April 2010
- The government will return the cost of allowances in October each year
- Government allowances will be unlimited and of fixed price until 2013
- From 2013 the total allowances issued will be capped nationally and the allowances auctioned
- A published CRC League Table will affect how much each participant receives back from the government in October