



## CLIMATE CHANGE COMMISSION 25 June 2006

Report of the Chair of the Commission

### Meeting the Energy Challenge – White Paper on Energy 2007

#### RECOMMENDATION

1. That members note the report and have regard to the information contained in the White Paper

#### SUPPORTING INFORMATION

- 2.1 The White Paper 'Meeting the Energy Challenge' that was published in May 2007 recognises the serious threat to the planet posed by rising greenhouse gas emissions and confirms that more than two thirds of the world's carbon dioxide emissions come from the production and use of energy.
- 2.2 The White Paper states that individuals are collectively responsible for over 40% of the UK's energy use and carbon dioxide emissions, and the Energy Saving Trust estimates that at home we waste over £900 million per year by leaving appliances on when not in use. It is estimated that through energy efficiency and behavioural measures to reduce waste, households could save a further 9 MtC a year by 2020 and cut their energy bills at the same time.
- 2.3 The government already has a stated international and domestic energy strategy with energy policy goals of:
  - Putting ourselves on a path to cutting the UK's carbon dioxide emissions by some 60% by about 2050, with real progress by 2020
  - Maintaining the reliability of energy supplies
  - Promoting competitive markets in the UK and beyond, helping to raise the rate of sustainable economic growth and improve productivity
  - Ensuring that every home is adequately and affordably heated

- 2.4 The strategy proposed in the White Paper is for urgent and ambitious action to:
- Save energy
  - Develop cleaner energy supplies
  - Secure reliable energy supplies at prices set in competitive markets.
- 2.5 The key elements of the strategy are listed as:
- The establishment of an international framework to tackle climate change
  - The provision of legally binding carbon targets for the whole UK economy, progressively reducing emissions
  - Making further progress in achieving fully competitive and transparent international markets
  - Encouraging more energy saving through better information, incentives and regulation
  - Providing more support for low carbon technologies
  - Ensuring the right conditions for investment.
- 2.6 A draft Climate Change Bill was published on 13 March 2007 to address some of the proposals in the White Paper which will require legislation. Guidance setting out how energy savings can be made in public sector procurement, and work with manufacturers, retailers and service providers to help meet government targets are expected to be published in 2008.
- 2.7 It is suggested that members may find the information contained in the White paper to be helpful in directing the future work of the Commission and the following access link has been provided.

<http://www.dti.gov.uk/energy/whitepaper/page39534.html>

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<b>Background papers:</b>	Appendix 1 – Implications
<b>List of appendices:</b>	

<b>IMPLICATIONS</b>
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**Financial**

1. None arising from this report.

**Legal**

2. None arising from this report.

**Personnel**

3. None arising from this report.

**Equalities impact**

4. Climate Change will affect all Derby people

**Corporate Priorities**

5. This report has the potential to link with the following Corporate Priorities,
  - Leading Derby towards a Better Environment
  - Giving you excellent services and value for money