

### Best Practices at Climate Change at the Local Level



**Ray Morgan**  
Chief Executive, Woking Borough Council

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### Woking Borough Council



- Woking, Surrey
- Population: 90,500 (mid 2005)
- Political composition (as of May 2006)

Liberal Democrat	18
Conservative	15
Labour	3



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### Woking Borough Council



The Environment is one of the Council's top three priorities

Corporate Council commitment since 1990/91

Cross Party political support since 1990/91

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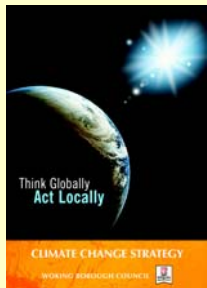
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# Woking Borough Council



Adopted December 2002

### Three Overarching Aims:

Reduction of CO2 equivalent emissions

Adaptation to climate change

Promotion of sustainable development

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# Woking Borough Council



### 8 Key Themes

- Planning and Regulation
- Energy Services
- Waste
- Transport
- Procurement
- Education and Promotion
- Management of Natural Habitats
- Adapting to a Changing Climate



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# Woking Borough Council



### Climate Neutral Development Good Practice guide

Neutral risk to the climate by not contributing to greenhouse gases and,

Neutral risk from the climate by ensuring development is resilient to changes in climate



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# Woking Borough Council



## Woking LDF Core Strategy Policy Sustainable Construction

Development will be refused unless it:

- Achieves a 40% reduction in CO<sub>2</sub> emissions (against current Building Regulations)
- Is carbon neutral (greenfield sites)
- Adapts to climate change impacts in design of buildings and open spaces
- Provides a sustainable water management system (runoff and potable water)

Household Extensions:

- Extensions to existing dwellings will be required to meet best practice standards for energy efficiency

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# Woking Borough Council



## Partnership Working



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# Woking Borough Council



## Energy & Environmental Services Company (ESCo)

- A vehicle through which energy and environmental services can be delivered.
- Flexible corporate structure – Limited Company, Limited Liability Partnership, Social Enterprise.
- Woking established its ESCO, Thameswey Energy Limited (a Limited Company) in 1999 and completed its first project in 2001.
- Designed to deliver Woking's Climate Change ambitions and to work in partnership with others to deliver projects outside of Woking.

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# Woking Borough Council



Thameswey Limited is an Energy and Environmental Services Company or EESCO wholly owned by Woking Borough Council. It enters into public/private joint ventures to deliver energy and environmental projects.



Thameswey Energy Limited is a joint venture Energy Services Company or ESCO between Thameswey Limited and its Danish partner contractors, Xergi Ltd.

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# Woking Borough Council



## The Council's Achievements

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|---|-------|--|
| <b>Corporate</b>  |       |  |
| • Energy Consumption Savings (2006)   | 52%   |  |
| • CO2 emission reductions (2006)  | 82%   |  |
| • Sustainable Energy Self Generation (2005)                                   | 82%   |  |
| • Renewable Energy Self Generation (2005)                                     | 11%   |  |
| <b>Borough Wide</b>   |       |  |
| • Energy efficiency of residential property (up to 2006)                      | 33%   |  |
| • CO2 emission reductions (2006)  | 21%   |  |
| • Number of households assisted with energy conservation grants (1996 – 2006) | 4,489 |  |

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# Woking Borough Council



## Use of photovoltaics



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# Woking Borough Council



Use of Combined Heat and Power



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# Woking Borough Council



Innovative use of sustainable and renewable energy



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International Conference on Climate Change  
Bilbao, 23-24 April 2007

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