

Tackling Climate Change: Oxford City Council's approach

Karen Ravenhill
Strategic Projects Manager
Chief Executive's Office
Oxford City Council

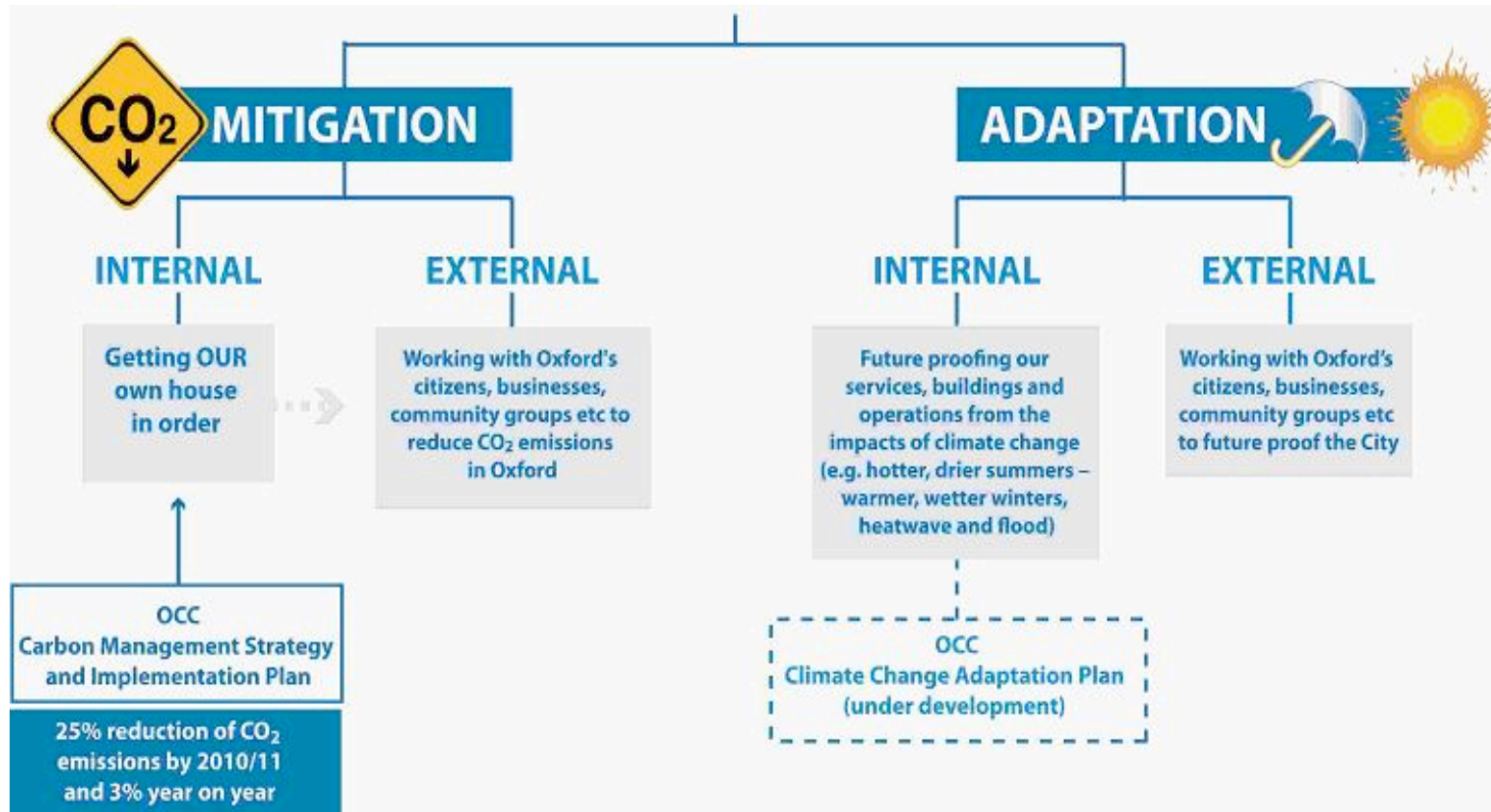
T: +44 1865 252349,
kravenhill@oxford.gov.uk

www.oxford.gov.uk



Tackling Climate Change: Oxford City Council's approach

www.oxford.gov.uk

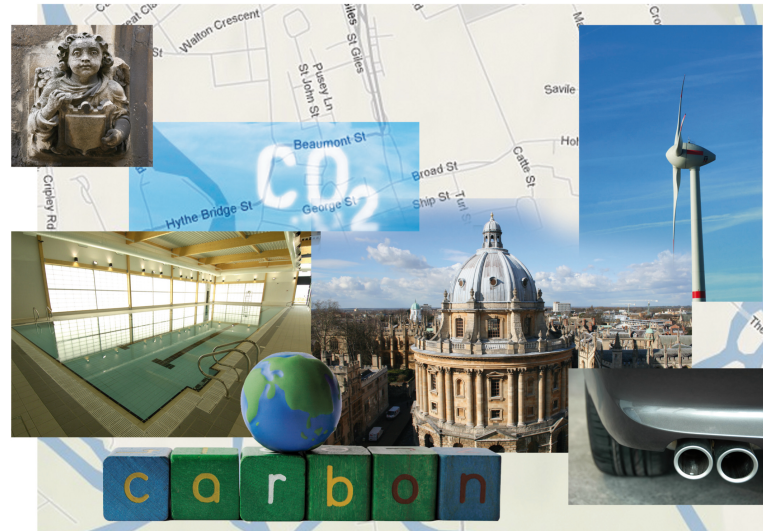


Mitigation (internal): Getting our House In Order

The Vision:

to demonstrate leadership in the area of climate change action, and “**get our house in order**” by reducing our own direct and indirect carbon dioxide emissions as efficiently and effectively as possible.

Oxford City Council Carbon Management Programme



Getting Our House in Order

The Carbon Management Strategy and Implementation Plan (SIP)

www.oxford.gov.uk



Getting our House in Order

- **2005/6 Baseline year = ca 10K tCO₂ (OCC core buildings and operations)**
- **Context:**
 - each individual in the UK emits ca 6 tCO₂ (direct emissions) per year.
 - Oxford City (direct emissions) = ca 1million tCO₂ (2007, Defra) – (Oxford per capita emissions dropped to 6.2% in 2007 from 6.8% in 2005)
- **2010/11 target: at least 25% = ca 2500 tCO₂ reduction**
- **With full support from councillors and officers reduction of ca 3100tCO₂ per year achievable by 2012/13 (ca 31% reduction on 2005/6 levels)**



Getting our House in Order

How we are achieving our targets:

- Developing smarter energy and water management functions at OCC
- Implementing a range of sustainable energy measures across the council
- Embedding carbon management and climate change best practice into corporate policy and management practice
- Achievements to date: measures put in place to reduce emissions by 8% by end 08/09 (on target for additional 9% by end 09/10)
- Regarded as “Exemplar” by the Carbon Trust
- One of first Local Authorities to commit to the 10:10 initiative to reduce CO₂ emissions in 2010 by 10%
- Full participant in UK Carbon Reduction Commitment

www.oxford.gov.uk



Mitigation approaches – External

- Oxford is My World – award winning guide
- Climate Change Events - exhibition & conference, breakfast seminars – e.g. Low Carbon Breakfast
- Oxford Strategic Partnership – sustainable community strategy
- Development Control - 20% on-site renewable energy generation requirement for larger developments – one of most ambitious in UK
- Community-scale wind turbines one of first LAs in UK to commit to constructing 2.5MW turbines on City Council owned land (Partnerships for Renewables)
- E-Mini trial working with BMW to roll out electric mini trial
- Member of J-Cities group: establishing electric charging points across the City for plug-in electric vehicles



Oxford is My World: Guide to Sustainable Living in Oxford



Available free to:

- **households**
- **community groups**
- **businesses in Oxford**

Winner of “2007 Green Champion Award – Green Apple Awards”

www.oxford.gov.uk



Public outreach events

**Climate Change
Oxford**

What you can do now!

A climate change event for
World Environment Day

Town Hall, Oxford - 5th June 2007
Exhibition from 2pm; Conference 4pm to 8pm

Free admission



Half fare on
City and Park&Ride
routes with this flyer*

Courtesy of
oxford
bus company

Pick up a copy of
"Your Guide to Saving the Planet!"

www.oxfordismyworld.org

Contact: Sustainable Energy Team, Environmental Health.
Tel: 01865 252197

www.oxford.gov.uk

OXFORD
CITY
COUNCIL

Oxford
Strategic
Partnership

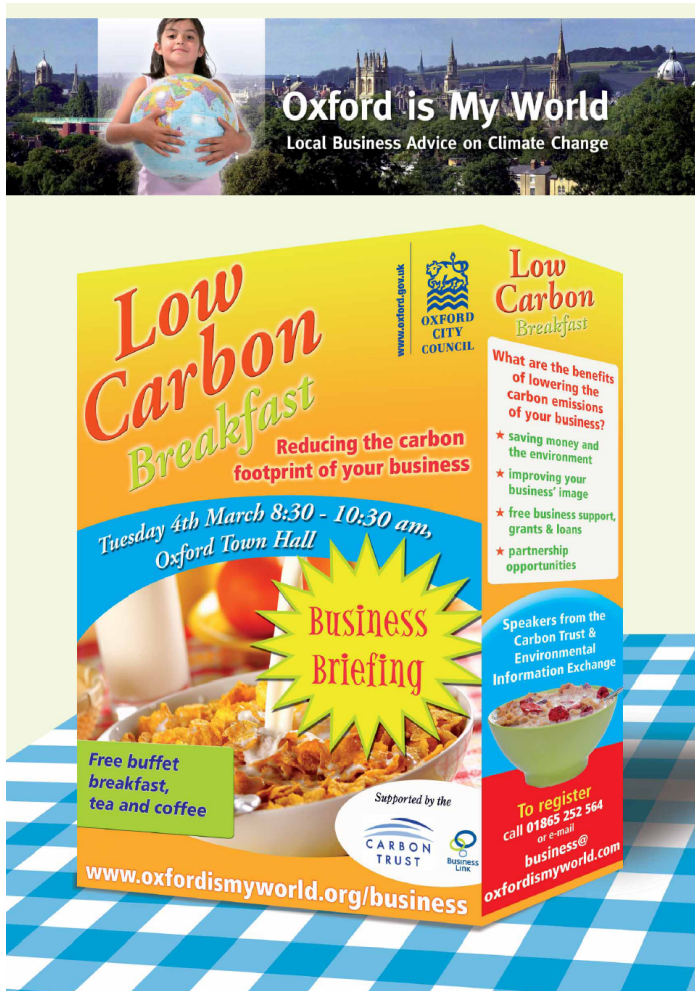

*valid 05/06/07

- **Climate Change Oxford: What can you do now!**
- **A climate change event for World Environment Day (June 07)**
- **Practical guidance on reducing carbon emissions**

www.oxford.gov.uk



Business outreach events



- Low Carbon Breakfast: Reducing Your Business's Carbon Footprint (Mar 08)
- over 60 businesses attended
- launched business website

www.oxfordismyworld.org/business



www.oxford.gov.uk



Oxford Climate Change Pledges

- Climate change is happening
- It will have far-reaching effects
- We have a part to play in reducing its impact.

Signed by :

- Citizens
- Businesses

www.oxfordismyworld.org



I recognise that:

- Climate change is happening now
- Climate change will have far reaching effects on our economy, society and environment
- I have a part to play in reducing the overall impact on the environment.

Overleaf we have tried to quantify the reduced impact on climate change of certain actions listed below.

Within the next year I will act on some or all of the following (with the help of Oxford Is My World – Your Guide to Saving the Planet!):

- Switch off appliances at the mains and lights when not in use e.g. switching off TV, set-top box at mains, not leaving phone chargers plugged in when fully charged
- Replace as many of my light bulbs as possible with low energy ones
- Switch to A rated appliances/more efficient models when purchasing a new appliance e.g. A++ fridge; condensing boilers
- Switch to a green electricity tariff
- Reduce, reuse, and recycle waste and water more e.g. use the recycling scheme, install a water saver in my toilet
- Use the car less - walk and cycle more. Take the train not the plane. Fly less. When you replace your car choose a bicycle or a small diesel. When you have to drive, drive with care for the environment.
- Implement insulation measures in my home. Such as insulating my hot water tank, topping up my loft insulation (to 270mm), having cavity wall insulation, installing heat reflective bakings behind radiators on external solid walls.
- Use energy more efficiently in the home e.g. turn my thermostat down by 1°C; wash at lower temperatures (30°C if possible); dry clothes outdoors when possible; use lids on saucepans, shower instead of bath or power shower
- Consider how climate change is going to impact on me e.g. flood (affecting my homes, ability to get to work), drought (conserve/reuse more water), prepare for heat-wave (insulating your home properly will help to make it cooler during hotter periods)
- Assess my personal/household carbon dioxide (CO₂) emissions (e.g. energy consumption, transport use, food miles etc. - a simple calculator at www.climatecare.co.uk can help with this) and set my own personal/household greenhouse gas reduction target.

Signed: _____ Date: _____

www.oxfordismyworld.org

I have signed the Oxford Citizens' Climate Change Pledge. Please send me my free copy and updates of "Oxford Is My World: Your Guide to Saving the Planet" and a Personal Carbon Reduction Pack:

Signed: _____ Date: _____
 Name: _____
 Address: _____
 Tel: _____ E-mail: _____

I would prefer my Guide and Carbon Reduction Pack: By post By e-mail

Please detach this section and return it to: Spencer, Environmental Health, Oxford City Council, Ransay House, 10 St Ebbe's Street, Oxford, OX1 1PT.

I am following:

Business offices) and
 recycling)

Water
 operations

Food suppliers

Sign and commit to
 the Change Pledge

Impact on climate
 impact on our
 we plan ahead to
 issues - flood, drought,
 issues)?

Dates: _____

www.oxfordismyworld.org




www.oxford.gov.uk



Development Control

Natural Resource Impact Analysis

Supplementary Planning Document



- **NRIA - Sets minimum requirement of 20% on site renewables or low carbon technologies for new developments**
- **Affects larger developments – >2000m² or 10 units residential**

www.oxford.gov.uk



Thank you!

Contact details:

**Karen Ravenhill, Strategic Projects Manager, Chief
Executive's Office, Oxford City Council**

T: +44 1865 252349, kravenhill@oxford.gov.uk

**Paul Spencer, Climate Change Officer, Environmental
Development, Oxford City Council**

T: +44 1865 252238, pspencer@oxford.gov.uk

**Paul Robinson, Energy & Climate Change Team leader,
Environmental Development, Oxford City Council**

T: +44 1865 252541, probinson@oxford.gov.uk

www.oxford.gov.uk

