



ENVIRONMENT AGENCY

Our view on renewables

Merylyn Hedger

MR. PRESIDENT, NOW YOU'VE FINALLY DESTROYED IRAQ, ANY THOUGHTS ABOUT GLOBAL WARMING?....

To George and the guys at Tex Oil

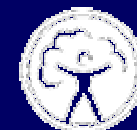
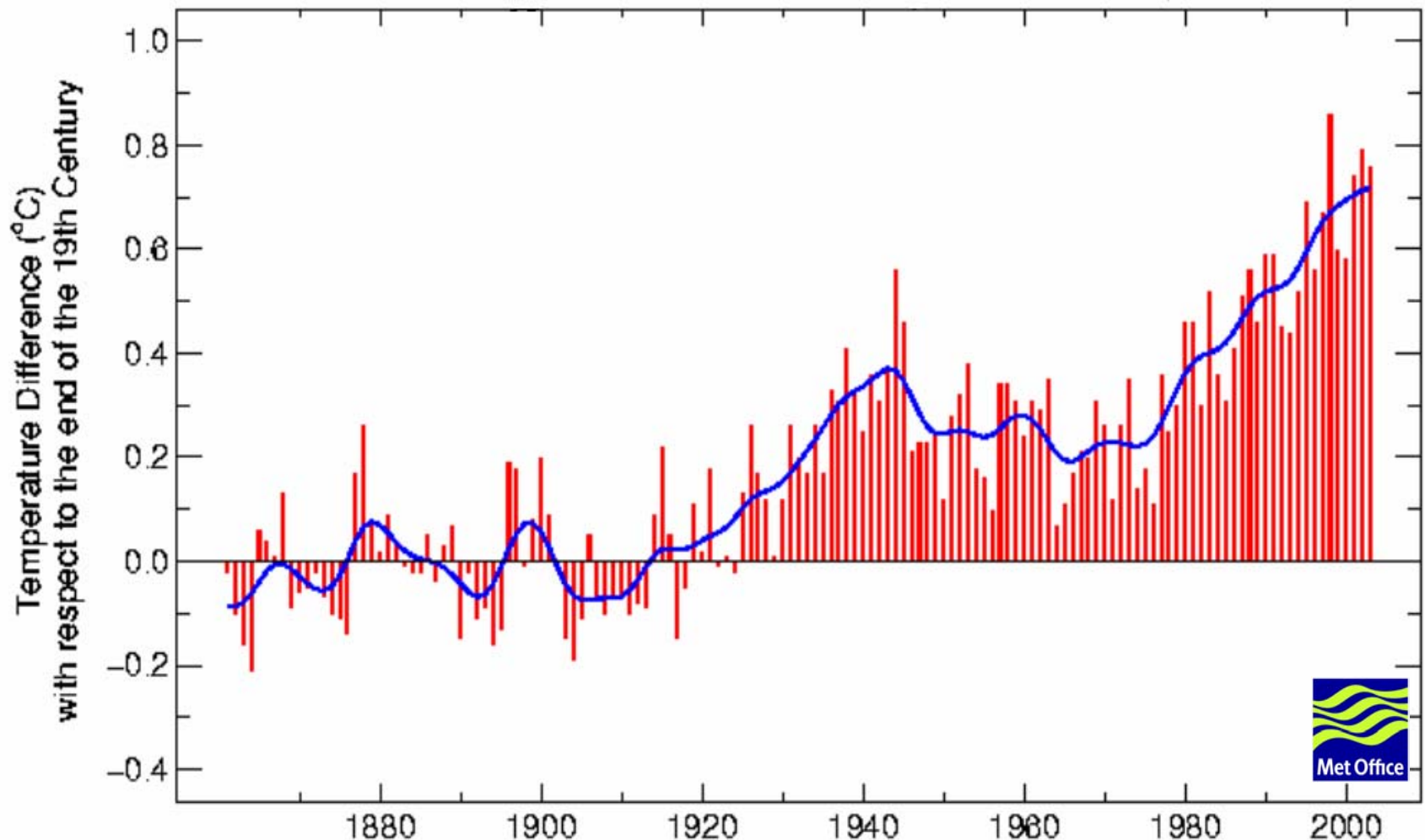
BLOWER



CC and Agency

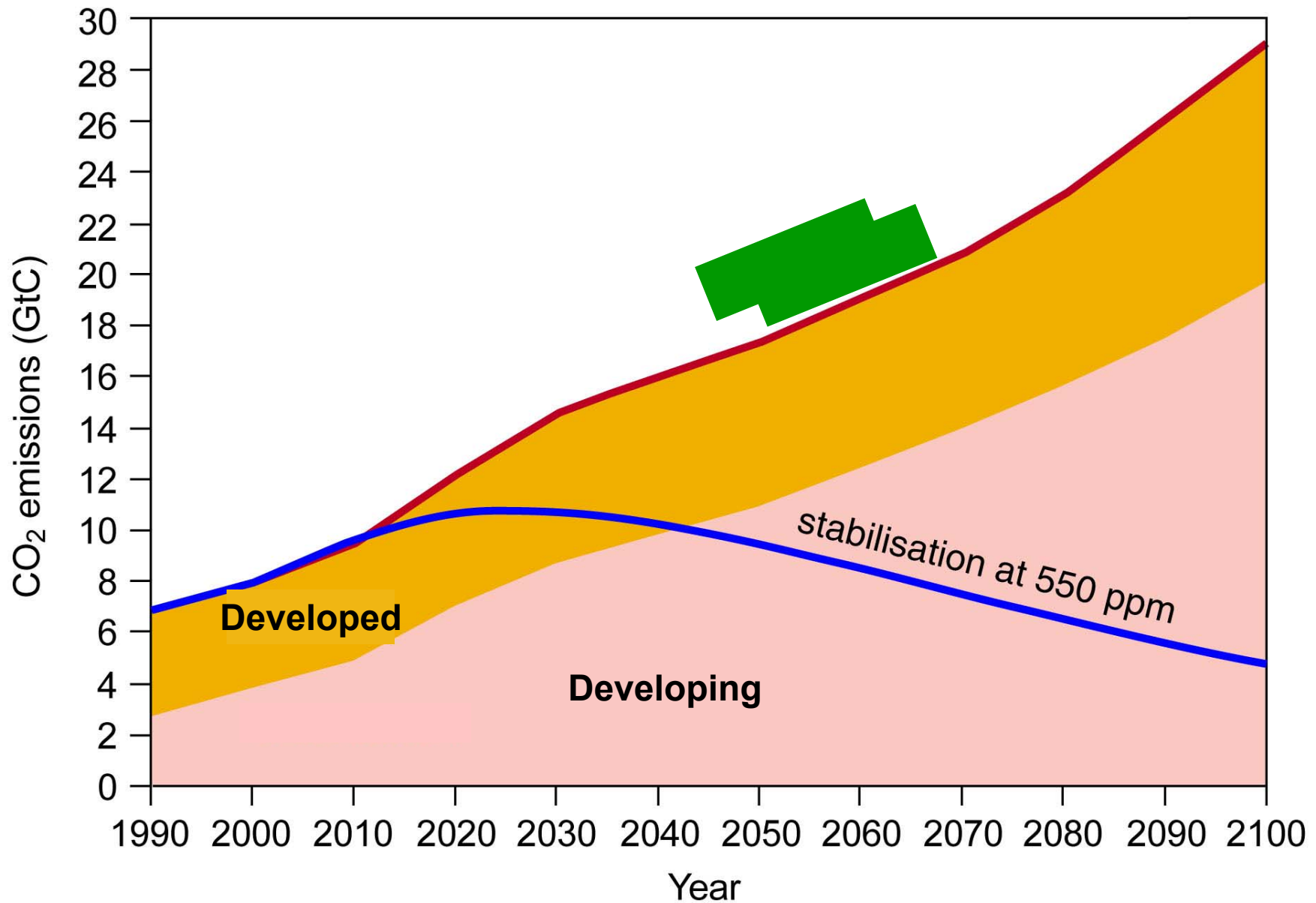
- As environmental champion regard climate change as major priority
- One of nine themes in Corporate Plan
- For mitigation and adaptation
- Got regulatory powers and influencing powers under sustainable development guidance

Observed Global Temperature Change 1861-2003 (Hadley Centre)

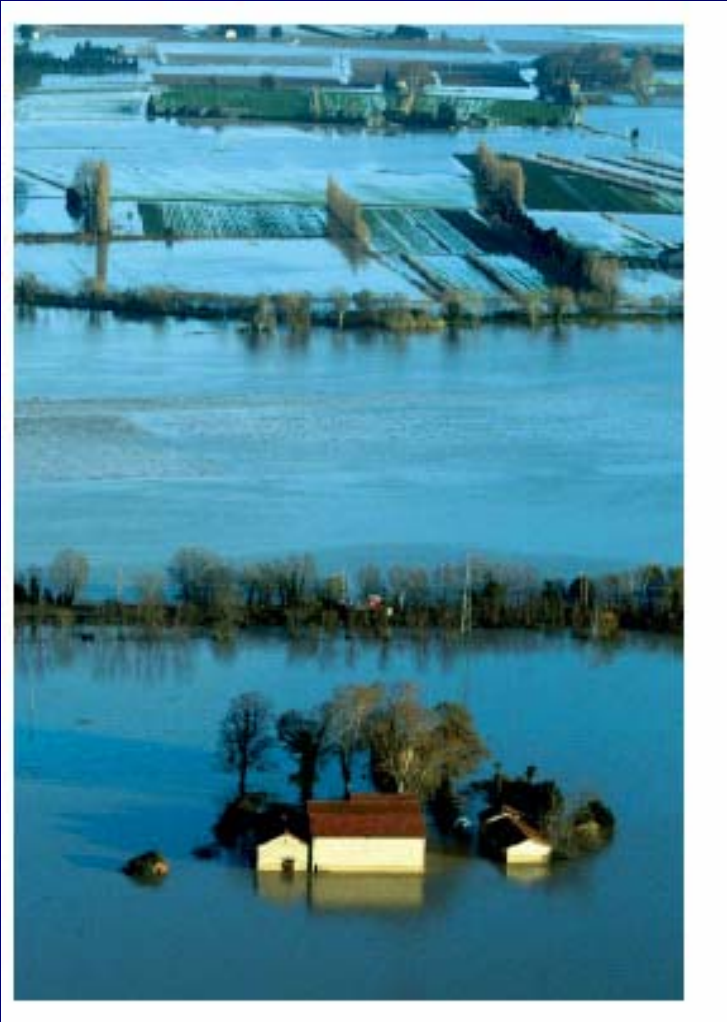


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Large reductions needed in global emissions



Recent economic losses substantial



European floods 2002

- 37 deaths
- \$16bn direct costs

European heat-wave 2003

- 26,000 deaths
- \$13.5bn direct costs

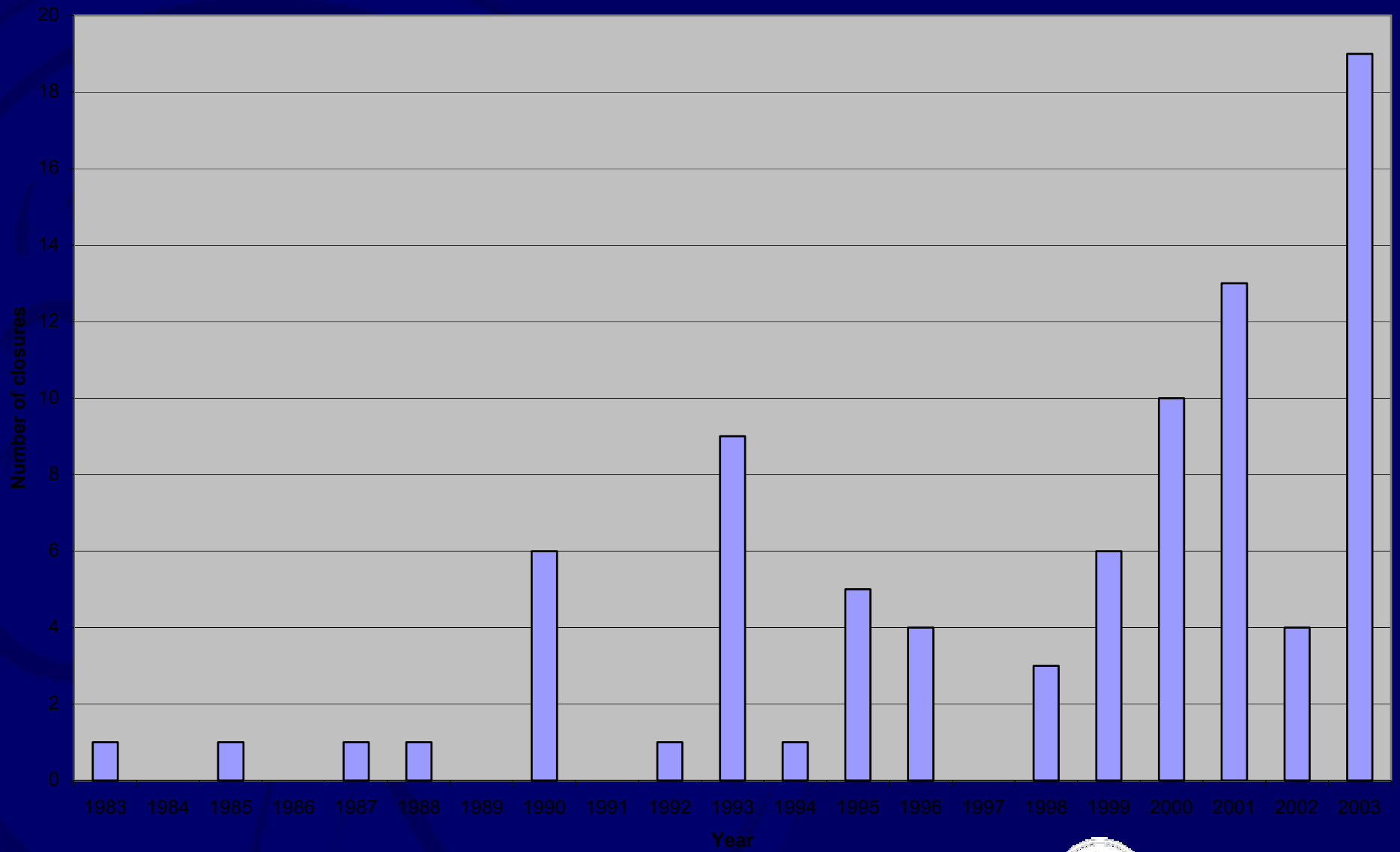
UK floods, autumn 2000

- Insurance pay-out £1bn

UK Hot summer of 1995

- Agriculture, water, retail, insurance losses £1bn

Annual Thames Barrier Closures



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CC Partnerships

- National, sectoral and regional
- For mitigation and adaptation
- With businesses, NGOs and government departments, agencies regional and local government

The image shows the cover of a white paper. The background is a photograph of a wind farm at sunset. The sky is a mix of orange, red, and yellow, with a bright sun partially obscured by clouds. Several wind turbines are visible in silhouette against the sky. The cover has a dark blue vertical band on the left and right sides. In the top right corner, there is a teal box with the 'dti' logo, a blue box with the text 'ENERGY WHITE PAPER', and a larger blue box with the subtitle 'Our energy future - creating a low carbon economy'.

dti

ENERGY WHITE PAPER

Our energy future -
creating a low
carbon economy

Section four: Delivery through partnerships

Policy on renewables

- Support deployment- target for 2050 needed?
- Concerned that progress slow
- Commissioned analysis up to 2020
- Mechanisms for gaining community support needed?
- No specific policy on low head hydro yet!
Guidance document on application processing

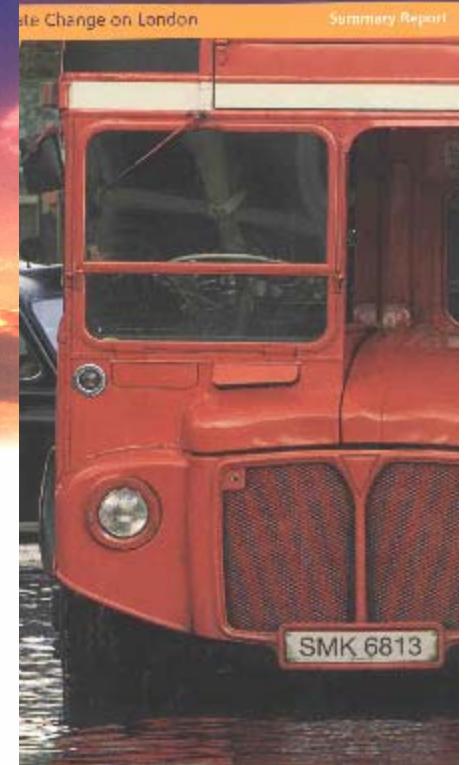
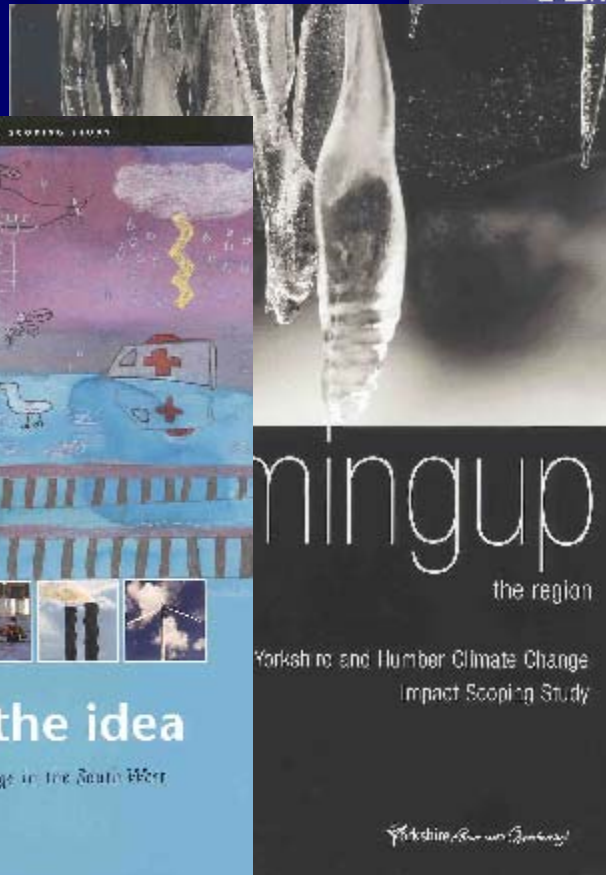
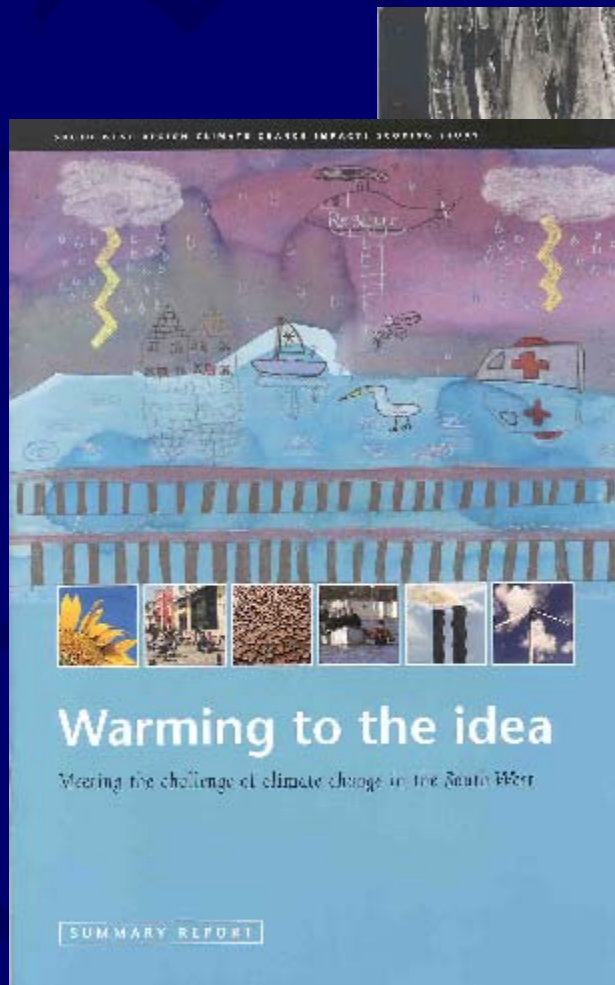
Why energy efficiency is key

- *Even renewable energy technologies will have environmental impacts-*



Adaptation partnerships

london'swarming

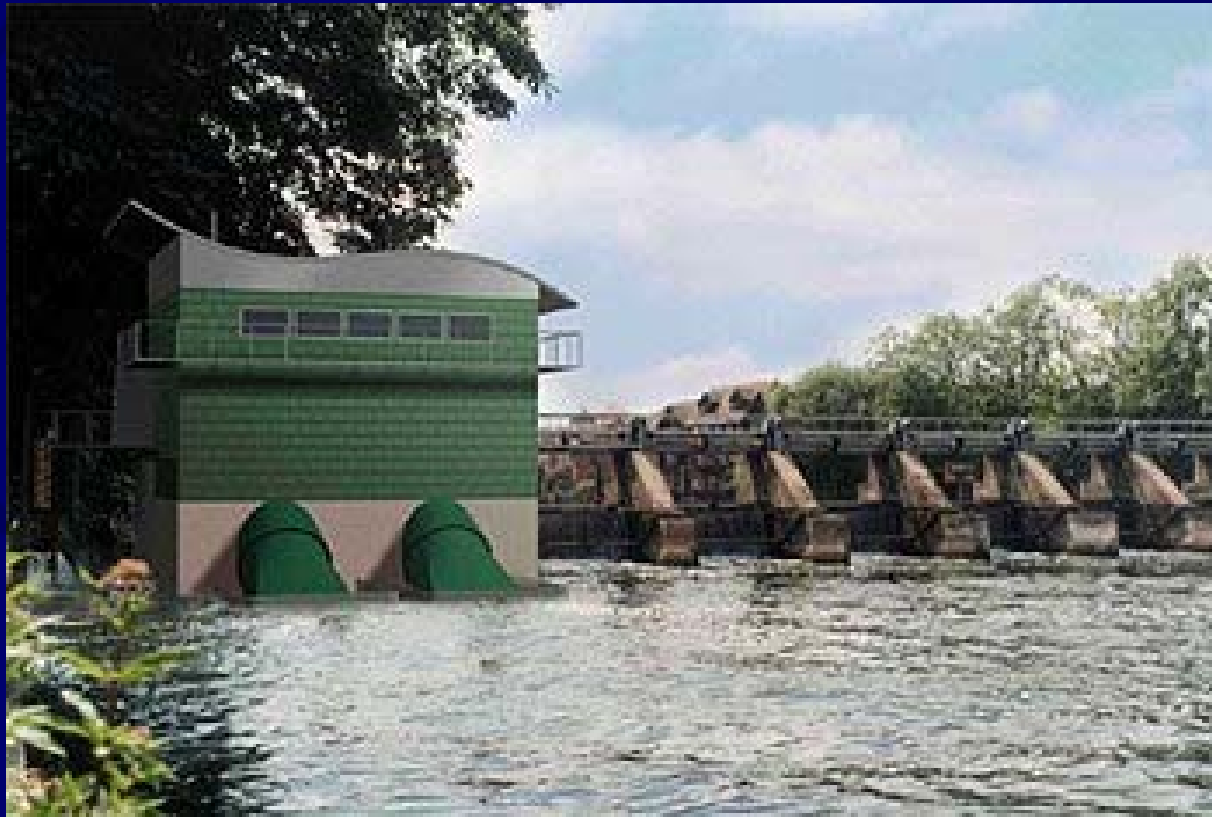




CarbonNeutral Newcastle partnership project



Thames Valley Energy



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“The Day After Tomorrow”



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End....

- Basically Agency supportative of renewables
- Is trying to be positive in regulatory powers
- Legal constraints for it to be a developer-
could act for own sites