

Climate Change Adaptation at Cambridge City Council

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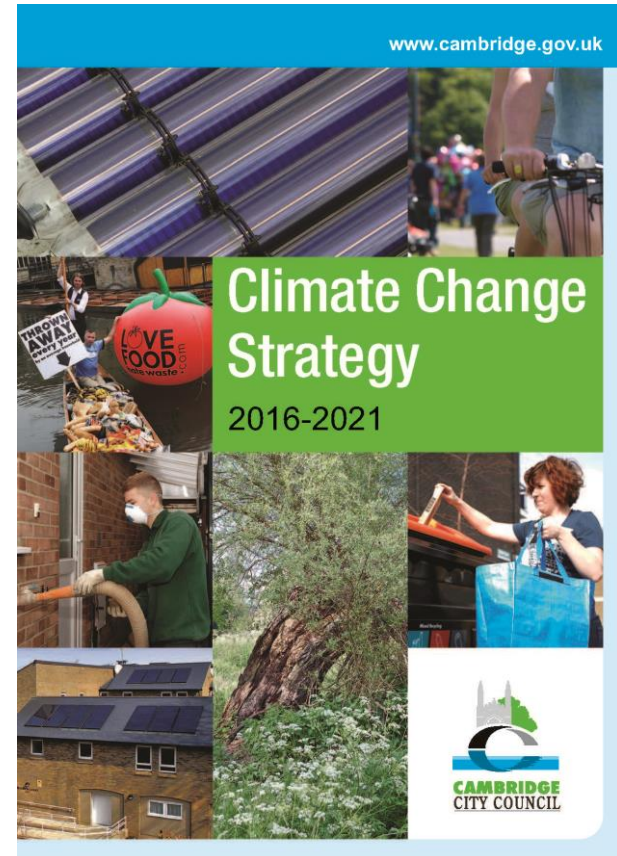
Presentation overview

- Council's Strategy for climate change adaptation;
- Risks facing Cambridge;
- Managing the risks;
- Next steps.



Council's Strategy for Climate Change Adaptation

- Duty to respond to our changing climate as set out in our Climate Change Strategy;
- Objective 5: “Supporting Council services, residents and businesses to adapt to the impacts of climate change”.



Risks facing Cambridge

Climate projections for Cambridge

Outputs from the UK Climate Projections published in June 2009



Climate risks in numbers

KEY RISKS TO PEOPLE AND COMMUNITIES IN CAMBRIDGE



FLOODING

11,061 properties in Cambridge at risk of surface water flooding



The estimated annual economic damages associated with surface water flooding is up to £1,866,839



WATER RESOURCES



Demand for water is likely to increase 33% by 2031



OVERHEATING

As heatwaves become common, the number of people at risk from heat-related conditions will increase

Managing the risks – Adaptation actions in the built environment

The cooling hierarchy



- Role of local plan policies;
- Design guidance to tackle overheating;
- Guidance on the design and adoption of sustainable drainage systems

SUSTAINABLE
DRAINAGE



Cambridge Design and Adoption Guide

Managing the risks – property level flood protection



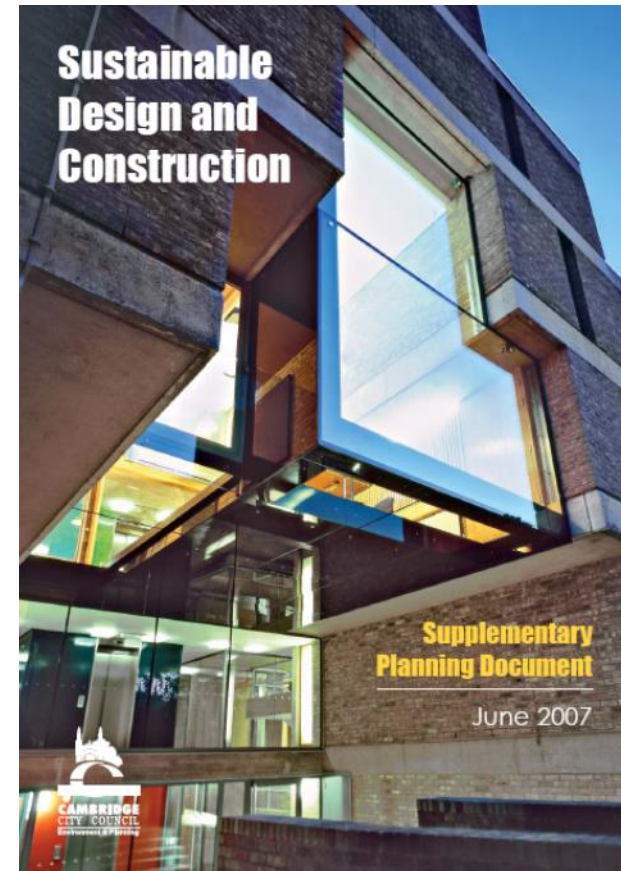
Managing the risks – natural flood protection

- Watercourse restoration project on the River Cam;
- Has helped enhance biodiversity and increase the flood storage capacity of this part of the river through creation of wetlands.



Next steps

- Preparation of Climate Change Adaptation Plan;
- Development of Supplementary Planning Document to include adaptation.



Any questions?
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