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## Climate Change Research

### **Mitigation: Carbon Vision**

(£14M with Carbon Trust)

### **Adaptation: BKCC**

- > **understanding of the effects of climate change on the built environment, transport and utilities.**
- > **messages for stakeholders on the measures needed if they are to adapt.**
- > **messages for the research community on the research challenges.**



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## BKCC/SKCC FRAMEWORK

A unique structure, incorporating an Integrating Framework and a Stakeholder Forum

Benefits of this structure include:

- > maximising the resources of the individual projects through collaboration.
- > managing the projects as a coherent portfolio.
- > ensuring the outputs of the projects reach the widest possible stakeholder community.
- > **SKCC needed to maintain the knowledge, the network and the good practices developed with BKCC.**



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## **New Programme: Adaptation and Resilience to a Changing Climate (ARCC)**

- Address research gaps (e.g. existing buildings)
- Integrate with existing programmes (CREW, Probabilistic Scenarios, Tyndall etc.)
- Continue research identified in SKCC
- Maintain Integrating Framework and link to Stakeholders



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## Living With Environmental Change (LWEC)

An interdisciplinary research & policy partnership programme of 10-year duration to increase resilience to — and reduce costs of — environmental change.

It is proposed that ARCC will be in:

### Draft Objective E

*To make infrastructure, the built environment and transport systems resilient to environmental change and develop more sustainable less energy-intensive systems and approaches that are socially acceptable, economically advantageous and more environmentally harmonious.*



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## EPSRC desired Outcomes

- Outline Research Areas
- Prioritise Research Areas
- Indicate Research (or Technological) level
- Describe an Integrating Structure
- Indicate Remit of Call
- Suggest delivery mechanisms (Consortia, Single grants, Feasibility Studies etc.)



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## Forward Plans

- EPSRC plans £9 million over 3 years starting 2008
- Possible Call Launch Event on 27<sup>th</sup> March in Birmingham

**SKCC input will be key in helping to deliver the LWEC Objectives and Research Agenda**