Building Knowledge for a Changing Climate
Birmingham University, 13/14 May 2004

- 4th Data management meeting: 1100-1200, 13 May
- Session 1: 1300-1700, Thursday 13 May

  Introduction to the BETWIXT weather scenarios and urban heat island studies
- BKCC balti night: Khanum, 510 Bristol Road, 7.30pm
- Session 2: 0900-1215, Friday 14 May

  Using the BETWIXT weather scenarios
- Session 3: 1330-1600, Friday 14 May

  4th BKCC Integrating Framework meeting

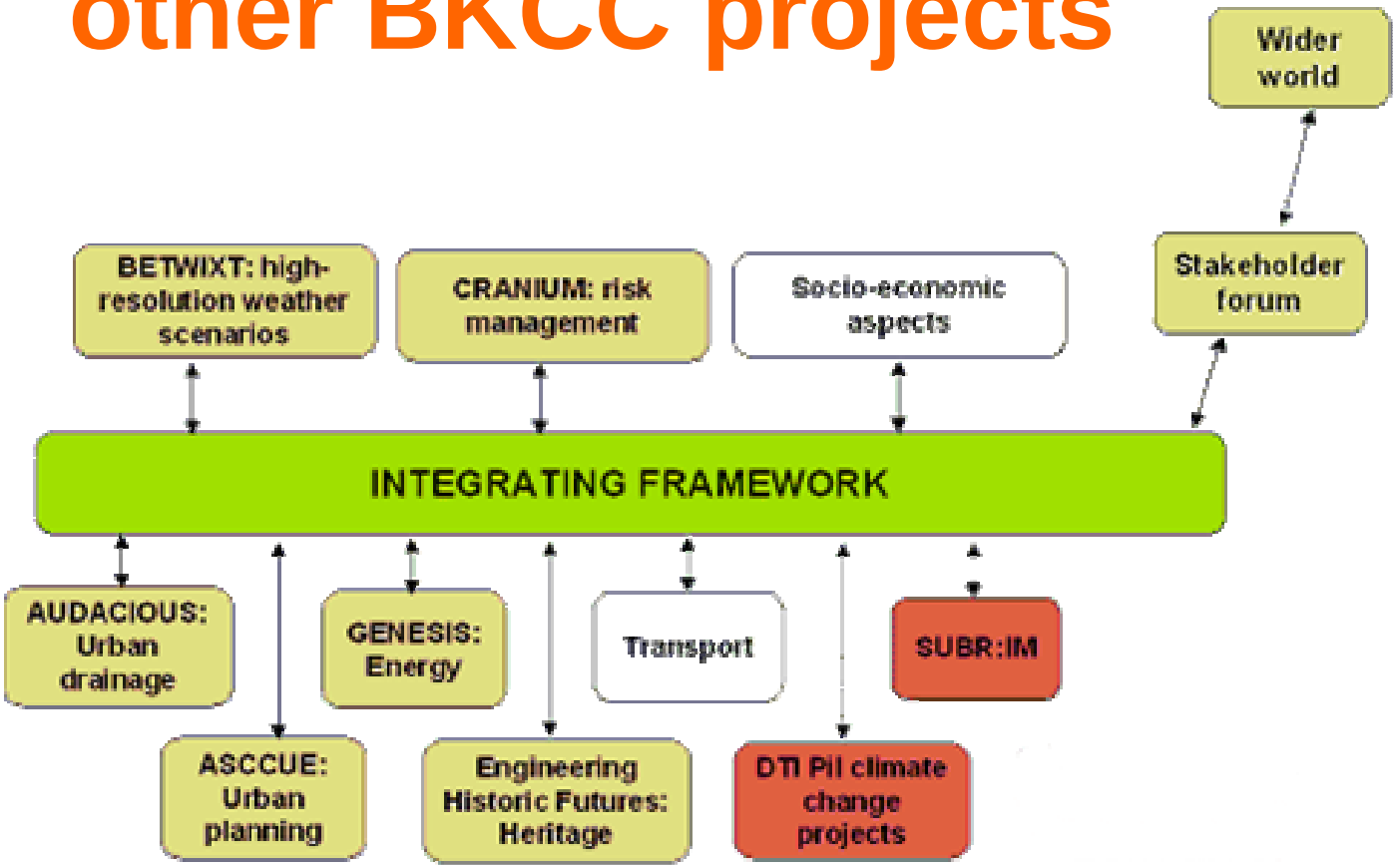
UK Climate Impacts Programme

EPSRC
Engineering and Physical Sciences Research Council

BETWIXT
Built EnvironmenT: Weather scenarios for investigation of Impacts and eXTremes

CRU, University of East Anglia (*Goodess*)
WRSRL, University of Newcastle (*Kilsby*)
Hadley Centre, Met. Office (*Betts/Best*)

BETWIXT acts as a service to other BKCC projects



BETWIXT aims and objectives

- To provide high spatial/temporal resolution state-of-art climate scenarios for selected case-study locations as a common service to BKCC projects
- To provide continuing support and advice to the users of these scenarios

The BETWIXT activities

- CRU: daily/hourly weather generators
- WRSRL: GNSRP rainfall model
- HC: urban areas in GCM simulations
- CRU: exploration of wind scenarios
- All: general advice and support

BETWIXT Deliverables

D1: Examples of WG/GNSRP model output for testing impacts models	July/December 2003
D2: Daily/hourly scenarios for 8 variables for 10 representative case-study locations	April 2004
D3: Software package to run the GNSRP precipitation model for any given UK location	April 2004
D4: Report describing the analyses of changes to urban/rural temperature and humidity	April 2004
D5: Technical briefing notes on issues such as the models used and underlying assumptions, uncertainties and confidence limits, and guide to good practice in scenario use	December 2003 and April 2004

Technical briefing notes

Available from the BETWIXT web site:

1. **The CRU daily weather generator**
2. **Neymann-Scott rectangular pulses rainfall simulation system**
3. **Simulating climate change in urban areas**

Close to completion:

4. **Assessment of HadRM3H wind speed and direction and of potential future change in cyclone activity**

Ten more titles in preparation…….

Additional work/deliverables

- **BADC observed station data for case-study locations in same format as CRU/GNSRP model output**
- **Scenario time series for GNSRP case-study sites**
- **Representativeness of station data : Manchester temperature transect/urban heat island study**

www.cru.uea.ac.uk/cru/projects/betwixt/

with link to password-protected data section

See also BETWIXT section on BKCC intranet