



## Building networks for sustainability: district heating and district cooling

- Robin Wiltshire
- BRE



## Current Activity List

- Technical Guide to DH
- DH Roadmap
- IEA update
- UP-RES course for Planners on Renewable Heating and Cooling
- Eco-Cities



## A Roadmap is...

- ... a strategic plan that describes the steps an organisation needs to take to achieve stated outcomes and goals
- Aim is for a technology-specific roadmap intended to support the development of DHC in the UK
- Its for national government decision-makers; local policy makers; energy sector decision makers; leading scientific, engineering, policy and business experts
- Stakeholder views have been canvassed, leading to a range of views.



## DH Roadmap

- Roadmaps should:
  - set out goals and show how they are to be reached with short, medium and long-term milestones
  - point out actions for principal DH actors, investors and local authorities
  - take into account legal, political, economic, and sociological factors.



## DH Roadmap – Contents so far

- Current DHC situation
- National and European DHC benefits
  - Summary of the 14 national DHC benefits
- National support framework assessment
  - Support legislation
  - Needs, barriers and opportunities
  - National implementation of EC directives
- Generic analysis of good support mechanisms
  - Checklist of characteristics
  - 12 examples of best practise support measures
- Applicability of the 12 best support measures to UK
- Interaction of EC law with national support schemes
- Recommendations for policy and legal framework revisions and additions
- Annex 1: District Heating Barometer
- Annex 2: Fact sheet about national DHC benefits

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## UP-RES Course for Planners

- Topic is renewable heating and cooling
- Emphasis on heat network solutions
- Three-days duration
- 20 courses available around UK
- Aim is for 20 attendees at each course
- Host authority provides venue free of charge, in return for 5 free places
- Charge of £150 per person for full three-day course
- Target audience is LA planners, other relevant LA depts (eg environmental and energy officers), architects, developers, consultants
- Sponsorship being sought.

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## Eco-Cities

- Project concerned with energy labelling for DH, increased transparency in DH market
- Performance of DH & carbon calculation
- Could tie in with Building Regs Part L, SBEM etc

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