What is UP-RES?
- 7 Partners - across 5 Countries: UK, Finland, Germany, Spain and Hungary
- Deliver pilot training to urban & regional planners on District Heating and Cooling

UK Content
- 2 day short course on District Heating and associated Renewable and Low Carbon Technologies
- Aimed at Local Authority Planning Officers and their supporting network (Architects, consultants)

Objectives of the course: Provide Local Authority Planners with skill and knowledge to:
- Develop / integrate sustainable energy policies into the UK planning
  process – Sustainable Urban Energy Planning
- Translate these policies into day-to-day work – evidence bases and feasibility studies
- Focus on Renewable Energy integration
- Focus upon new build but also on existing stock - holistic approach
- Highlight relationships and synergies that exist

Course Content
- Current EU and UK policy drivers
- Reducing energy demand of buildings & decarbonising energy supply for heating
- Introduction to DH – application, benefits, barriers and identifying sites
- Sustainable Urban Energy Planning
- Creation of evidence bases / feasibility studies for DH
- Policy writing and assessing planning applications
- Integration of renewables into DH

Locations
- 20 events completed
- Locations include: Bristol, Newcastle, Brighton, London, Stoke-on-Trent, Bournemouth, Oxford, Leeds, Swansea, Bridgend
- Strategic locations across England and Wales
- Areas that have potential – due to large cities and towns and growth areas
- Bespoke course in Glasgow
Barriers identified

- Political support?
- Complex knowledge - reliance upon individuals
- Energy not considered as a major planning issue
- Early engagement and multiple stakeholders - resources for pre-application discussions with developers

What have we found? - UK Context

- Significant interest in the UK!
- Real case studies - it is happening!
- Increasing knowledge of District Heating (and Cooling)
- National DECC Heat Map provides easy, logical information
- Affordability and fuel poverty - big driver
- Using DH as a way of reducing revenue costs (taxes)
- Integration with BREEAM

Future possibilities? - Swansea, UK

- Long term visions that incorporate spatial planning and energy at an early stage...but start small!!
How can Ecoheat4cities label help?

- How can the label help solve problems or barriers identified during UP-RES courses?
- Could the label be used as a potential solution or tool for integrating DH?
- Label identifies the renewable share, CO2 efficiency, and energy factor of the potential or existing District Heating system
- 3 key objectives
  - Setting targets
  - Communicating
  - Comparison

- Use labelling system to convince decision makers / sceptics
- Environmental benefits compared to other BAU options
- Use comparable cities that have used the label to push DH – by highlighting benefits
- Help achieve carbon targets for new developments
  - Set targets based upon renewables or CO2 factors
  - Compare different solutions for DH - renewable vs. gas?
  - Use label as a condition for developers to meet – sign of quality
- Label can be used to quantify existing schemes - retrospective labelling
- Help promote wider sustainability to residents and attract private investors

Thank you for listening

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