

# The major international R&D programme for DHC/CHP



## Benefits are

- access to high quality research
- involvement in new techniques
- economic solutions
- international partnership and networking
- policy studies

## Join us now!!

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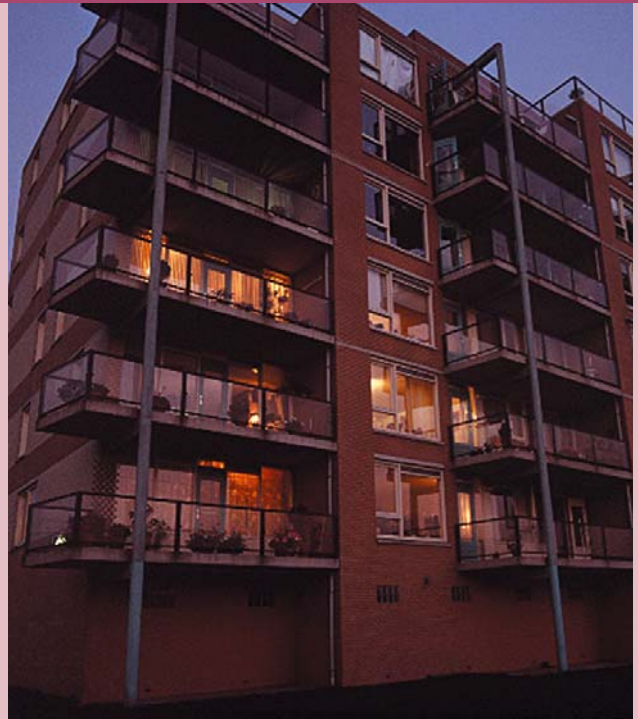
## Why is it so good?

District Heating and Cooling (DHC) can make significant contributions to

- reducing emissions of carbon dioxide
- reducing air pollution
- increasing energy security
- saving energy
- heating and cooling by using renewable energy sources

all of which can be achieved cost effectively

By means of DHC very substantial progress towards environmental targets can be made



### *The International Programme for DHC*

The IEA District Heating and Cooling Programme (IEA DHC) is *the* major international research and development programme for district heating and cooling. Established in 1983, IEA DHC currently has participants from North America, Europe and Asia. Through its involvement in the IEA's Building Coordination Group, the DHC programme has contributed to the IEA work for G8. Members are very keen to attract new member countries from all continents, including the Plus 5 countries.

### *What does IEA DHC do?*

The programme coordinates an international programme of competitively tendered Research and Development projects, and also contributes to policy analysis and IEA Secretariat initiatives. A survey canvassing the views of energy companies, consulting engineers and universities concluded that the research has strengthened technical knowledge and competitiveness.



## Cost Sharing

The programme works by means of 'cost sharing'. This means each country pays an annual subscription which pays for the research projects. Participation takes place at several levels: most projects have partners from several of the participant countries. Each project is also supported by a panel of 'Experts' - every participant country nominates one 'Expert' to attend (every 6-9 months) project meetings. When it comes to selecting new projects, themes are first selected by consulting with the key players in each country. A Call for Proposals is issued and a competitive bidding process then takes place. Organisations from any of the participant countries can submit proposals.

## Collaboration

We collaborate with Euroheat & Power [www.euroheat.org](http://www.euroheat.org) and the International District Energy Association [www.districtenergy.org](http://www.districtenergy.org) who also attend meetings of the Executive Committee as Observers. At the end of each three-year Annex, we have a seminar at which all the research projects are presented.

## Benefits

The main advantages of participating in this programme are:

- An involvement in *the major international R&D programme for DHC*
- DHC has been identified for its *carbon saving potential* nationally and internationally.
- *To accelerate the knowledge of new techniques* within participant countries. This will help to ensure the best modernisation and optimisation solutions for existing networks.
- A strong emphasis on finding more *economic solutions* for district heating and cooling.

- Support for each project by a panel of Experts from each country delivers *high quality research*.
- Participant countries and individual experts benefit from the high degree of *international partnership and networking*.
- *Policy input*: there is considerable momentum for district heating and CHP at a EU policy level. The IEA DHC programme engages with the policy debate including the recent IEA Secretariat initiatives for G8.
- The programme *operates under the auspices of the IEA*.
- The IEA also has a Buildings Co-ordination Group - this provides a *link to other technologies*.

## Join us now

As it embarks on a new three-year programme, IEA DHC is happy to extend a warm welcome to new participants.

When a country joins this programme, it nominates a specific organisation, which is thereafter represented at meetings of the IEA DHC Executive Committee. That nominated organisation can be a government department or agency, a district heating association, a district heating company, an educational institution *or a private company*. The Executive Committee's job is to manage the overall IEA DHC programme.

## Contact

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including the integration of CHP

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