



THE DANISH ENERGY MODEL PROJECT- DISTRICT HEATING IN THE UNITED KINGDOM

The Danish Energy Agency (DEA) offers cooperation with all levels of government in UK in the field of district heating (DH) and combined heat and power (CHP) for 2017 to 2019. The aim of the collaboration is to build a valuable partnership between UK and Danish authorities in order to share experiences from a cost effective green transition and learn from each other.

A key component in the energy system is space heating. Denmark has a world leading position when it comes to district heating and heat networks. In Denmark large scale district heating is essential in the energy system with several benefits. Apart from lower consumer prices for space heating and hot water in households and industry, DH has a positive impact on stability and investments in the power sector, which in turn leads to long term stability and lower costs in power production.

Competences of the Danish Energy Agency

The DEA can draw from its decades of experience in the transformation of the Danish energy system synthesized with knowledge from ongoing cooperation with a dozen countries sharing our green ambitions for a clean, cost effective and reliable energy system.

The DEA engages with all levels of authorities like the Department of Business, Energy and Industrial Strategy; the Competition and Markets Authority; the Scottish Governments Energy and Climate Directorate, municipalities and UK delegations visiting Denmark.

For the purpose of international cooperation, designated specialists have been assigned from DEA and the Trade

Council. As part of the Danish Ministry of Energy, Utilities and Climate, the DEA engages from a government point of view, but draws on a large pool of experts from DH companies, planners and academia to cover a large range of themes connected to DH:

- Consumer protection and investment security
- Frame work conditions for project development and local planning
- Socio-economic analysis
- Shaping economic incentives
- Monitoring DH companies
- Hearing process, public involvement, and acceptance
- Low-temperature district heating
- DH project approval processes
- Renewable energy heating

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