

**WORKSHOP ON:
“Demand Response of Buildings in District Heating and Cooling Networks”**

TIME: Monday September 9, 2019

VENUE: Aalborg University Copenhagen, A. C. Meyers Vænge 15, 2450 Copenhagen

Organised by:
Aalborg University, Denmark

Introduction:

The point of departure for this project lies in the vision that buildings/customers should not be considered anymore just as a simple demand-side variable but also as a community capable of delivering solutions and/or creating sustainable business cases for thermal grids' development. The application of the energy flexibility and demand response of buildings in thermal grids (heating & cooling) can facilitate the conversion to 4th generation District Heating & Cooling (DHC) Networks and thus speed up the evolution towards decarbonisation.

The future DHC network operators will also be more confronted with the separation of heat production and distribution, the involvement of prosumers and thus more challenging and complex network management. At the same time, smart heat meters and smart control are increasingly introduced in building heating systems in the district heating & cooling sector providing new opportunities for the optimization of operation and control.

Therefore, it is a perfect time to detect transition barriers for policy and business development, to look for new opportunities of greater end-users engagement in operation and control of thermal grids, and to investigate the need for introduction of new technology to make benefit of the new opportunities.

Program:

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| 10:00 – 10:15 | Opening and introduction of the participants |
| 10:15 – 10:30 | Presentation of project concept |
| 10:30 – 12:30 | Session 1:
Discussion/presentation of participants' interests |
| 12:30 – 13:30 | <i>Lunch</i> |
| 13:30 – 15:00 | Session 2:
Initial discussion on general Annex and subtask structure |

15:00 - 15:30 *Coffee break*

15:30 – 17:30 Session 3:
 Input from participants to subtasks

18:30 *Networking dinner*

Registration: <https://forms.gle/HBRLVFDCR8DAPJjq5>

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