

Draft

Urban Heating Infrastructures in North Rhine-Westphalia and Denmark Innovative CHP solutions on the rise

14 of May 2019, NRW.BANK, Kavalleriestraße 22, 40213 Düsseldorf

09:00 Registration and welcome coffee

09:30 Welcoming speech

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Royal Danish Embassy – The Trade Council

Danish Energy Agency

09:40 Political framework and next steps in District heating in Denmark and NRW

Danish Board of District Heating (DBDH)

Danish Energy Agency

Ministry for Economic, Innovation, Digitalisation and Energy of the State of North Rhine-Westphalia (MWIDE)

EnergieAgentur.NRW

10:30 Panel Discussion

11.00 Introduction to the Danish delegation and German participants

11.10 Best-Practices Examples

- Case from Denmark
- Case from Germany: Stadtwerke Lippstadt tbc

12:00 Lunch-Break and Networking

1:00 Digitalisation of the heating sector – The new potential

- Topics:
 - Smart Metering (Kamstrup, KMD, all tbc)
 - Predictive maintenance (Orbicon tbc)
 - Digitalised maintenance systems (Pernexus tbc)
 - Optimisation of whole systems (Grundfos, Danfoss, EMD, Ramboll, all tbc)
- Panel discussion

2:30 Workshop: Innovative CHP solutions – integration of renewable energies into heating grids (Utility Duisburg, Utility Lippstadt, University Ålborg, all tbc)

- Group discussion:
 - Integrated system
 - Heat Storage
 - Solar heating
 - Heat pumps
 - Integration of surplus heat
 - Power to heat
- Presentation of group results

4:00 Financing models and funding instruments

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4:15 Summary and Networking

5:00 End of Conference

Moderator: Morten Duedahl, Danish Board of District Heating