

Showcase Programme

Smart Energy System Tour

District Heating and Cooling

State of Green offers you the opportunity to experience Danish solutions in the field of energy, climate adaptation and environment.

A tour offers you a chance to take advantage of the lessons learned by Danish companies and institutions, enabling you to strengthen your market position and find solutions to the challenges of your industry and society.

State of Green organizes technical visits and business meetings with leading companies, politicians and industry experts in Denmark.

Welcome!



Thursday 12 September 2019

9:00 Pick-up at Hotel Wakeup Copenhagen

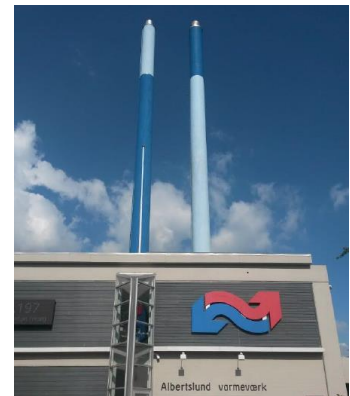
Borgergade 9
1300 Copenhagen K

Contact: Mette Reiche Sørensen, Aalborg University
Phone: +45 9356 2360
E-mail: Sesconference@plan.aau.dk

Visit to Albertslund Fjernvarme

Albertslund Fjernvarme (Utility) supplies the municipality of Albertslund, a suburb to Copenhagen, with district heating.

Albertslund Utility is establishing a new low-temperature district heating system. A change to 4th generation district heating, where the supply temperature is lowered from 90 to 55 °C, gives considerable advantages. The lower return temperature allows higher overall efficiency in the CHP plant and lower overall temperatures mean less heat loss from the network. Lower operation temperatures also facilitate the connection of low-temperature heat sources, such as industrial process heat, solar and geothermal energy, both directly and via heat pumps.



www.stateofgreen.com/en/partners/city-of-albertslund/

Visit to HOFOR District Cooling

HOFOR is the largest utility company in Denmark, with core business areas within water supply, wastewater management, district heating, district cooling, and gas supply. One million Danish consumers (20 % of the population) depend on the supplies. Introduction to remote metering data and data usage for grid efficiency purposes and low-temperature district heating.



<https://stateofgreen.com/en/profiles/hofor>

In response to increasing demands for air conditioning and cooling in Copenhagen, HOFOR, has built a district cooling system, which consists of a distribution net and two cooling plants. The district cooling system uses seawater to cool the water supplied to consumers. HOFOR can supply the increased demand for cooling in Copenhagen and help reduce CO2 emissions by up to 30,000 tonnes each year.

Approx. **Drop-off at Kastrup Airport**
14:00

Price 60 EUR including bus trip, guided visits,
sandwich and beverages

Registration You can register for the tour [here](#).
Deadline for registration is 31 August.
Registration is binding.
