

Information

Date:

16.06.2021

Time:

10:00 AM(CEST)

Tax:

This event is free of charge

Achievement:

The access data for the event will be sent to you by email on 14 June at the latest

Registration:**Online**

<https://www.agfw-50jahre.de/veranstaltungen/event/efficient-and-renewable-heat-networks>

or use the [registration sheet](#) and send the completed form directly to Mail: [t.limoni\(at\)agfw.de](mailto:t.limoni(at)agfw.de).

Organizer:

AGFW | Der Energieeffizienzverband für Wärme, Kälte und KWK e. V.
Stresemannallee 30
60596 Frankfurt

Realization:

AGFW-Projekt-GmbH
Stresemannallee 30
60596 Frankfurt

Your contact:

Dipl.-Betriebsw. Tanja Limoni

Tel.: +49 (0)69 6304-417,

E-Mail: t.limoni@agfw.de

Sebastian Grimm M.Sc.

Tel.: +49 (0)69 6304-200,

E-Mail: s.grimm@agfw.de



Co-funded by the Horizon 2020 programme of the European Union



www.agfw-50jahre.de

WEBINAR



www.agfw-50jahre.de

Virtual power plant tour
- Berlin, Germany, Vattenfall
- Reuter West & Webinar on
„Efficient and Renewable
Heat Networks“

16.06.2021

www.agfw-50jahre.de

Programme description

Located in the northwest part of Germany's capital city Berlin, Vattenfall operates the combined heat and power plant Reuter West. Commissioning in 1987 and 1989 the two identical heat and power plant units generate electricity (installed capacity of 564 MWel) and heat (installed capacity of 878 MWth) simultaneously according to the principle of cogeneration. Despite the age of the CHP of 30-years, the fuel utilization efficiency amounts to 80 percent due to ongoing efficiency and optimisation measures. Equipped with efficient flue gas cleaning systems the generation units still represent a highly efficient hard coal plant. To reach the climate goals and supporting the heat transition Germany decided to have a coal phase out during the next years. As a result, the heat and power generation needs to find some alternatives and Vattenfall Berlin has already been driving this process for several years. In September 2019 for example, Vattenfall connected Europe's largest power-to-heat plant (120 MWth) to the district heating network at the Reuter West power plant area in Berlin. As the general optimisation and upgrade process and the transformation to higher shares of renewable energies are also targets of European (H2020) research activities the virtual study tour is embedded in an online webinar from Upgrade DH and RES-DHC. Sign up to participate at the high-level webinar with examples and ideas from all over Europe and join the virtual study tour. In addition to visiting some areas that are not accessible otherwise and insights of ongoing innovative activities for the real heat transition, you will afterwards have the opportunity to find your own way through a virtual model of Reuter West.

Programme details for 16.06.2021

- 10:00 Welcome**
- 10:10 General introduction to the project Upgrade DH**
Dominik Rutz, Project Coordinator,
WIP Renewable Energies
- 10:25 Upgrade DH Best practice Examples**
Lithuanian DH sector transition to biomass - LDHA
- 10:45 Upgrade DH Demo Case - Tuzla**
Overview on the demo case and focus on the integration of a solar thermal plant
– Tandem presentation EPBiH,
Steinbeis Research Institute Solites
- 11:20 Coffee Brake**
- 11:30 Upgrade DH recommendations to support national District Heating & Cooling Action Plans**
Aksana Krasatsenka, Euroheat & Power
- 11:45 RES-DHC – Increasing the RES share in Urban DH Systems**
Improved local processes and framework conditions for facilitating the transformation
Steinbeis Research Institute Solites
- 12:00 EU-level Survey on Renewable Energy Sources in District Heating and Cooling**
Jack Corscadden, Euroheat & Power

- 12:15 Virtual Study Tour Vattenfall/ AGFW**
- 13:00 Farewell and giving introduction to explore the virtual power plant model**
- 13:15 End of the event & time to explore the virtual power plant**

Please visit the following homepages for more information:



www.upgrade-dh.eu



www.res-dhc.com