

**Official Side Event of the Berlin Energy Transition Dialogue 2020**

**Guided tour: Future Heating**

Thursday, 26 March 2020 | language: English |

While cooling is a growing concern for increasing numbers of people around the world, what about the need for heating? In the northern regions, up to 70% of energy demand comes from heating alone. Efficient and sustainable heating solutions are, and will continue to be, crucial for a sustainable future. Join us to learn about innovative heating technologies and applications. Berlin has a lot to offer, and not just out of necessity!

**Please note:** Due to safety reasons, some sites can only be visited with flat and sturdy shoes. Changeable weather conditions require weatherproof clothing. Filming and photography are not allowed unless otherwise indicated at the site.

| Agenda - tbc |   |
|--------------|---|
| 09:30 am     | <ul style="list-style-type: none"> <li>• Bus transfer</li> </ul>  |
| 10:15 am     | <ul style="list-style-type: none"> <li>• Visit of <b>Lumenion</b></li> </ul> <p>Innovative steel-based Power-2-Heat-AND-Power storage technology, which can effectively capture very large spikes from wind and solar power, store the energy for as little as 2 Cents per kWh and later provide it as required as both electricity and heating or cooling. This technology can scale into the multi megawatt and even gigawatt-range. The 2.4 MWh commercial pilot Lumenion built at Bottroper Weg demonstrating the commercial and technical viability of its steel storage. The unit installed in Berlin Tegel in conjunction with Vattenfall Energy Solutions is integrating regional renewable energy peaks into a housing complex owned and operated by the municipal building society Gewobag, thus helping to decarbonise 1368 apartments."</p> |
| 11:45 am     | <ul style="list-style-type: none"> <li>• Bus transfer</li> </ul>  |
| 12:30 pm     | <ul style="list-style-type: none"> <li>• Lunch</li> </ul>   |
| 01:15 pm     | <ul style="list-style-type: none"> <li>• Visit of <b>Vattenfall biomass thermal power plant</b> at Märkisches Viertel</li> </ul>  |

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 24 – 25 March 2020 | Federal Foreign Office, Germany



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|          | <p>The biomass cogeneration plant Märkisches Viertel generates electricity and heat very efficiently from natural wood chips in a combined heat and power system. In addition, two hot water generators at the produce district heating from natural gas. The plant processes around 70,000 tons of wood chips from forest residues and natural wood from other areas of origin every year.</p> <p>Guide: tbc</p>  |
| 02:45 pm | <ul style="list-style-type: none"> <li>• Bus transfer</li> </ul>   |
| 03:30 pm | <ul style="list-style-type: none"> <li>• Guided visit to the <b>energy efficient energy centre</b> of the <b>Rundfunk Berlin-Brandenburg (RBB)</b></li> </ul> <p>Radio Berlin-Brandenburg is changing its energy supply. A modern energy centre has been built on the site in Berlin. It was ceremonially opened on May 2019. It supplies the broadcaster with large amounts of heat, cooling and electrical energy, largely independently of external suppliers. In this way, rbb saves money, energy and significantly reduces its carbon dioxide emissions. The project thus relieves the burden on the environment and finances.</p> <p>Guide: tbc</p> |
| 05:00 pm | <ul style="list-style-type: none"> <li>• Bus transfer</li> </ul>   |
| 05:30 pm | <ul style="list-style-type: none"> <li>• Dinner</li> </ul>   |

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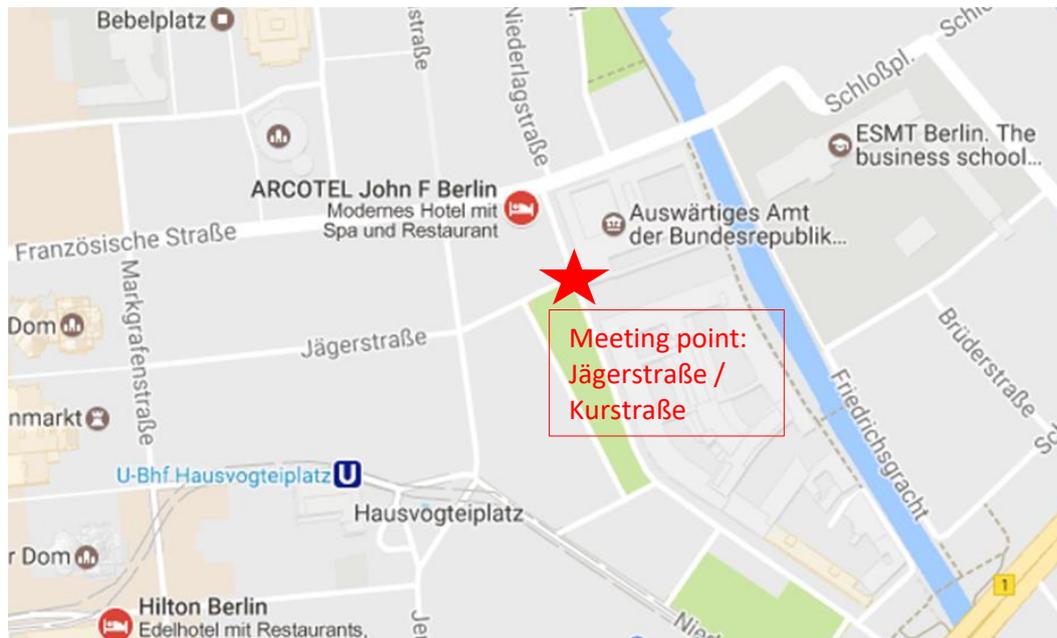
The official hashtag of the Berlin Energy Transition Dialogue 2020 is: #betd2020

The **meeting point** for the start of the tour is:

**Jägerstraße / Kurstraße**

**10117 Berlin** (near the Federal Foreign Office, the official venue of the conference)

Please make sure to arrive 15 minutes before departure, as the bus will leave punctually.



Source: Google Maps