

Within the scope of:



## Technical Site Visit:

10 June Tuesday 2014, 13:15 – 14:45  
Departure point: Robert Schumann Platz

in support of BONN DIALOGUES  
at UN Bonn Climate Change Conference June 2014 (UNFCCC SB40&ADP2.5)

Organized by:



NACHHALTIGKEIT.  
SUSTAINABILITY.  
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## Heizkraftwerk Nord:

### Switching to low-carbon energy and enhancing energy efficiency at municipal power plant

The excursion graciously hosted by Stadtwerke Bonn (municipal energy and water supplier of City of Bonn) will display a municipal power plant in the North of Bonn ([Heizkraftwerk Nord](#)). Originally a coal power plant, it had long been transformed into a gas plant. Between spring 2010 and summer 2013, now the former gas plant has been converted to a gas and steam turbine plant. The plants produce about 50 percent of Bonn's power requirement.

The reconstruction increased the generation of domestic electricity from 230.000 to 575.000 MWh. Moreover the principle of combined heat and power (CHP) is strengthened, thus the degree of efficiency is increased. The total efficiency will account more than 86 percent and the performance ratio of the thermal energy provided by the waste processing plant Bonn is increased by about 18 percent to 74 percent. This leads to an overall saving of 194.445 tons of CO<sub>2</sub> emissions, which makes the Construction of the HKW Nord to one of the biggest climate protection project of the whole region.

#### Additional information

During the excursion, refreshments will be served.

Participation is free of charge open to all accredited government, IGO and NGO delegations of the UN Bonn Climate Change Conference June 2014. Interested participants are requested to send an email to [carbonn@iclei.org](mailto:carbonn@iclei.org) for registration indicating their name, organization/delegation and phone numbers accessible in Bonn, Germany until 6 June.

- BONN DIALOGUES is a compilation of events that are specifically relevant to local and subnational governments at the UN Bonn Climate Change Conference June 2014. Organizers/hosts of each event are indicated as appropriate.
- BONN DIALOGUES is compiled by ICLEI, in its capacity as focal point of Local Governments and Municipal Authorities Constituency (LGMA) to the UNFCCC and facilitator of Local Government Climate Roadmap.

<http://www.iclei.org/climate-roadmap/advocacy/unfccc/2014-bonn-dialogues.html> - [carbonn@iclei.org](mailto:carbonn@iclei.org)