



## **WORKSHOP**

### **Using energy twice - micro-CHP for private residential buildings**

21<sup>th</sup> and 23<sup>rd</sup> October 2008, 18 to 20 p.m.

GASAG Customer Service, Berlin

Germany

### **Key Figures**

The workshop was organised in close collaboration with the local gas utility in Berlin.

The target group was owners of one and two family houses.

The number of participants was about 15 people in each workshop.

The workshop dealt with the implementation of micro CHP systems in one family houses. The objective of the workshop was to rise interest in the innovative technology of micro CHP systems for single family houses and to present results of a micro CHP field test in Berlin.

## Agenda

18.00	PERCH – Production of Electricity with RES & CHP for Homeowners Achim Neuhäuser, Berlin Energy Agency
18.10	One device for electricity and heating – the GASAG field test Otto Berthold, Consultant for Technology and Environment, GASAG
18.45	Questions and Discussion
19.00	Best Practice: Micro CHP in single family houses Bert Breuel, Consultant for Housing Industry, GASAG
19.15	Subsidies for micro CHP in Germany 21 <sup>st</sup> October: Kerstin Kallmann, Head of consulting, Berlin Energy Agency 23 <sup>rd</sup> October: Nils Thamling, Project manager, Berlin Energy Agency
19.30	Questions and Discussion



### **Key Aspects of Discussion**

The discussion revealed insecurities regarding the tightened regulation in Germany within the target group. The federal government enacted a law concerning the implementation of renewable energy in the heating of new buildings, coming into action in January 2009. Many federal states are also planning on initiating similar laws for old buildings. Therefore, many homeowners are very much interested in new technologies like micro CHP because they have to modernize their heating system. Micro CHP could be an interesting option for single family houses in the near future.

Apart from technical questions regarding productivity of the diverse devices available on the market and experience with the field tests, participants wanted to know more about technical details of micro CHP systems and the economic efficiency of the technology. It was revealed that homeowners are skeptical to what extent they are able to finance the implementation of those units.

**Dissemination:** The PERCH project brochure was distributed to the participants during the workshop. The presentations of the workshop were also distributed by email afterwards.