

**Author:**

Carsten Wemhöner (FHNW), Operating Agent (OA)  
 University of Applied Sciences Northwestern Switzerland  
 Institute of Energy in Buildings  
 St.-Jakobs-Str. 84, CH-4132 Muttenz, Switzerland  
 Tel: +41-61-467-4573  
 Fax: +41-61-467-4543  
 carsten.wemhoener@fhnw.ch

14/05/08

**IEA HPP Annex 32**  
**«Economical heating and cooling systems for low energy houses»**

**Participants**

Since the autumn ExCo meeting 2006 the nine countries AT, CA, CH, DE, JP, NL, NO, SE and US are participating in the Annex 32.

AT, CA, CH, DE, NL, JP, SE, US have sent the letter to the director of the IEA, from the participant NO, the OA has not yet received a copy of the letter. The national team leader has been informed to enquire the state of the letter.

Arsenal research joined the Austrian national team of Annex 32 to contribute field measurements of integrated heat pump systems.

**Annex 32 working meeting in Kyoto, Japan**

In Dec. 5-7, 2007 the 4<sup>th</sup> Annex 32 working meeting was held in Kyoto, Japan.

The topics of the meeting were:

- an exchange of the results of Task 2, the system evaluation and Task 3, the field testing
- preparation of the workshop on the 9<sup>th</sup> IEA Heat Pump Conference in Zurich in May 2008
- organisational issues comprising work planning and adaptation of time schedule

The meeting included a full-day workshop for an exchange of information of activities of the national Japanese team in Annex 32, which comprises more than 20 institutions/companies, and the other participants. Presentations and papers in the frame of the workshop can be downloaded on the Annex 32 website at <http://www.annex32.net>.

Moreover, the meeting schedule comprised a technical tour to Daikin company and Sekisui house industry. A news item on the Annex 32 Kyoto meeting has been published in the HP Newsletter.

**Launch of Annex 32 website**

In the beginning of 2008, the Annex 32 project website has been launched at <http://www.annex32.net>.

The website gives an introduction to the Annex 32 project and the participants including publications and links. Publications of workshops are offered for download to disseminate information on the progress in the Annex 32 project.

The Annex 32 website will be continuously updated regarding publications and links.

**Activities in the national projects**

The state in the national projects will be presented in detail on a workshop in the frame of the 9<sup>th</sup> IEA HP Conference in Zurich.

The workshop will take place on Monday, May 19, 2008 in the afternoon.

The programme of the workshop comprises

- a summarising introduction to the state-of-the-art of heat pumps for low energy dwellings
- interim results on new system concepts and designs
- field monitoring interim results
- conclusions and outlook

**Interim report Annex 32**

An interim report of Annex 32 for the ExCo has been prepared, comprising a summary on the result in Task 1, the state-of-the-art analysis in low energy buildings and systems, and the interim results in the national project. The interim report will be discussed on the Annex 32 working meeting in the frame of the 9<sup>th</sup> IEA HP Conference and a revised and amended version will be delivered to the ExCo.

**Date and venue of next meeting**

A short working meeting of Annex 32 will be held in the frame of the HP Conference. The main topics of the meeting are:

- Discussion of the Annex 32 interim report
- Time schedule of the Annex 32 and the national project
- Organisational issues and next meeting