



# ASSESSMENT METHOD FOR LARGE HEAT PUMPS

## PHASE 2

### Annual Report 2008

Author and Coauthors	Peter Hubacher, dipl. Ing. HTL/Prof. Dr. Max Ehrbar
Company / Institution	Hubacher Engineering
Address	Tannenbergrasse 2, 9032 Engelburg
Phone, e-mail, Internet	++41 71 260 27 27; E-Mail: <a href="mailto:he-ko@bluewin.ch">he-ko@bluewin.ch</a>
SFOE Project/Contract-number	Projekt Nr. 102'366, Verfügung Nr. 152'980
SFOE-Project Coordinator	Th.Kopp, externer F&E-Programmleiter
	Ressortforschungsprogramm Wärmepumpen, WKK, Kälte
Project Duration (Start-End)	1 September 2007 – 31 May 2009
Date of Report	22 December 2008

#### SUMMARY

It has been recognized that there are insufficient means to assess large heat pump installations for funding. Zurich has asked the project authors to find a suitable solution. The recommendations from phase 1 have been critically reviewed with the ewz (Electricity provider of the City of Zurich). A preliminary version of the assessment tool is available, which must be trimmed and validated on selected installations.

Unfortunately this has not been possible to date because the required data was not forthcoming. Until we have been able to test the proposed tool it is not sensible to make any simplification or fine tuning. The proposed Excel tool to automatically calculate the expected JAZ will be completed as the last part of the project. Because of the delay, a project extension was requested and approved.