



Expert Workshop

Monitoring by use of Energy Performance Certificates

13th November 2008 / Brussels

The collection of Energy Performance Certificate data can lead to a better knowledge of the actual energy quality of the building stock. In several EU countries there are already approaches towards EP Certificate monitoring. During the workshop experiences with different data collection schemes and results of data analysing and cross-country comparison will be presented.

Furthermore the question of data structure harmonisation and the possible contributions to large-scale monitoring activities (e.g. in the framework of the Energy Service Directive) will be discussed. The workshop addresses experts from all European countries working on large-scale energy efficiency monitoring as well as EPBD implementation.

Subjects of the Workshop:

- **Collection schemes for energy performance certificates of buildings / experiences**
- **Evaluation objectives: building stock monitoring, EPBD implementation, evaluation of incentive programmes**
- **Evaluation results / statistics / cross-country comparison of energy performance indicators**
- **Discussion points: data structure harmonisation, possible contributions to ESD implementation**

Registration details on the next page

Organisation:
VITO - Energy Policy
Boeretang 200
B-2400 Mol / Belgium
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Programme:
IWU – Institute for Housing and Environment (contact: t.loga@iwu.de)
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On behalf of the DATAMINE Consortium
www.meteo.noa.gr/datamine

IEE Project DATAMINE



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– PROGRAMME –

Time	Title	Speaker	Organisation
09:00	Welcome	Tobias Loga / Nikolaus Diefenbach	IWU - Institute for Housing and Environment / Germany
Block 1: Concepts and Experiences on EU-Level			
09:10	Energy Service Directive and National Action Plans for Energy Efficiency - Consequences for the Building Sector	Ralf Schüle	Wuppertal Institute for Climate, Energy, Environment / Germany
09:50	Energy Efficiency Indicators on EU Level - Definitions, Data Acquisition and Performance of the ODYSSEE-Database	Didier Bosseboeuf	ADEME (Agence de l'Environnement et de la Maîtrise de l'Energie) / France
Block 2: The DATAMINE Approach			
10:30	Monitoring by Use of Energy Performance Certificates - Data Structure Harmonisation - the DATAMINE Concept	Tobias Loga / Nikolaus Diefenbach	IWU - Institute for Housing and Environment / Germany
11:00 Coffee Break & Poster Session (until 12:00)			
Poster Session: Collection of Energy Certificate Data - Experiences and Results from 12 Model Projects following the DATAMINE Approach			
	Modelling of the Energy Saving achieved by a Grant Programme - Example from the proKlima Fund Hanover / Germany	Nikolaus Diefenbach / Tobias Loga	IWU - Institute for Housing and Environment / Germany
	Statistical Evaluation of Building Data from the Polish Subsidy Programme "Thermomodernisation Act"	Malgorzata Popiolek	NAPE - National Energy Conservation Agency S.A. / Poland
	Collection of Operational Rating Data in the Context of the Project EPLabel	Robert Cohen	ESD / UK
	Energy performance Assessment in the Context of Portfolio Management Activities of Housing Corporations - Evaluation of 10000 Datasets	Gerelle Van Cruchten	BuildDesk / Netherlands
	Reference Values and Benchmarks for the Energy Performance of Buildings in the Province of Torino	Vincenzo Corrado / Stefano Corgnati	POLITO DENER - Politecnico di Torino / Italy
	Evaluation of the EAP-Database on the Central Server of the Flemish Region - Use of the Statistical Evaluation for Simplified Building Assessment	Bianca Tomasetig	Vito - Flemish Institute for Technological Research / Belgium
	Energy Performance and Measured Consumption of Residential and Non-Residential Buildings in Greece - Data Transformation and Statistical Analyses for 250 Buildings	Constantinos A. Balaras	NOA - National Observatory of Athens / Greece
	Central Energy Performance Certificate Data Collection in Austria - Concept and Performance of the Online Database ZEUS - Evaluation of circa 6700 Datasets	Susanne Geissler / Maïke Gross	Austrian Energy Agency (AEA) / Austria
	Evaluation of Pilote Energy Certificates in Slovenia - Statistical Evaluation of Thermal Envelope Performance and System Efficiency for Different Construction Periods	Marjana Šijanec Zavrl / Andraž Rakušček	GI ZRMK - Building and Civil Engineering Institute / Slovenia
	Optimisation of the Data Collection Process - Tailoring of a Transfer Tool - Analysis of EP Certificates for Residential buildings	Cristian Paños / Ronald Voskens	Ecofys ema SL (Ecofys SL) / Spain
	Utilisation of Collected Data for Calibration of different Asset Rating Methods - Demonstration of Improvement of Existing Dwellings by Energy Saving Measures	Michael Hanratty / Bill Sheldrick / Charles Roarty	Energy Action Limited / Ireland
	Operational Rating for Municipal Buildings in Bulgaria - Statistical Analyses for different Building Types	Bozhidar Ivanov	SOFENA - Sofia Energy Agency / Bulgaria
12:00	Cross-Country Comparison of DATAMINE Databases from Germany, Poland, Netherlands, Italy, Greece, Belgium, Austria, Slovenia, Spain, Ireland and Bulgaria	Tobias Loga	IWU - Institute for Housing and Environment / Germany
12:30 Lunch Break			
Block 3: Experiences on National Level			
13:30	Experiences with Energy Certification, Data Collection and Evaluation in Denmark - Lessons Learnt	Kim B. Wittchen	SBi (Danish Building Research Institute) / Denmark
13:55	Central Energy Performance Certificate Data Collection in France - Concept and Technical Realisation	Hubert Despretz	ADEME (Agence de l'Environnement et de la Maîtrise de l'Energie) / France
14:20 Coffee Break			
Block 4: Experiences on National Level			
14:40	Central Energy Performance Certificate Data Collection in Portugal - Concept and Technical Realisation	Paulo Santos	ADENE - Agência para a Energia / Portugal
15:05	Monitoring of Energy Performance Data in the Netherlands	Edwin Marquart	SenterNovem / Netherlands
15:30	Improvement of the Knowledge about the Building Stock - Research Activities in Germany	Nikolaus Diefenbach	IWU - Institute for Housing and Environment / Germany
15:55	Resumé	Nikolaus Diefenbach / Tobias Loga	IWU - Institute for Housing and Environment / Germany
16:00 End of the Workshop			

Location: THON Hotel Brussels City Centre – Avenue du Boulevard 17 – Brussels

Participant Fee: 100 € exclusive VAT (including lunch and refreshments during coffee break)

Online Registration: www.vito.be (events)

direct link: <http://wwwb.vito.be/vitoevenementCMS/Evenementenlijst.aspx?Language=N#184>

For more info on registration, please contact nancy.wils@vito.be