

Evaluation and Monitoring for the EU Directive on Energy End-Use Efficiency and Energy Services

EMEEES Project - Final Conference

Harmonised Methods for Evaluating Energy End-Use Efficiency and Energy Services

Organised by
Wuppertal Institute and Enova
with support from eceee

Venue: La Bibliothèque Solvay,
Brussels, Belgium
Time: 09.30 am – 05.00 pm
Date : 15 October 2008


evaluate
energy savings^{EU}

coordinated by



Wuppertal Institute
for Climate, Environment
and Energy

supported by

Intelligent Energy  Europe

Harmonised Methods for Evaluating Energy End-Use Efficiency and Energy Services

For a successful implementation of the Directive 2006/32/EC on energy end-use efficiency and energy services (ESD), the question of how to monitor the achieved energy savings is of utmost importance. Primarily, this implies the development of calculation methods for energy savings which are as precise, yet at the same time as easy to implement and carrying as low a burden as possible. Furthermore, calculated results for similar energy efficiency improvement measures must be comparable between Member States.

An international project consortium, with 21 partners from 14 European countries, has worked on the challenge of developing a harmonised “evaluation and monitoring toolkit” specifically designed to meet the requirements of the ESD.

The calculation methods elaborated in the framework of the EU-funded project **EMEEES** (Evaluation and Monitoring for the EU Directive on Energy End-Use Efficiency and Energy Services) provide a substantial input for both the European Commissions’ activities to evaluate national Energy Efficiency Action Plans and for Member States to account for energy savings in the context of the ESD.

The purpose of the event is to present the major outcomes of the EMEEES project to a wider audience and critically discuss these outcomes with external stakeholders and practitioners. The conference will address the requirements and basic principles for calculating energy savings suggested in the project and will present concrete case applications as well.

Stefan Thomas and Ralf Schüle

Harmonised Methods for Evaluating Energy End-Use Efficiency and Energy Services

Conference Agenda

08.45 Welcome Coffee

09.30 Opening and Introduction

Stefan Thomas
Wuppertal Institute

09.45 *Key Notes*

**Energy Efficiency Policy in the EU
and the Role of the Directive on
Energy End-use Efficiency and
Energy Services (ESD)**

Claude Turmes, MEP (t.b.c.)

**Implementation of the ESD and the
Importance of Harmonised
Measurement and Evaluation
Methods in the European Union**

Pirjo-Liisa Koskimäki,
Head of Energy Efficiency Unit,
DG TREN, European Commission

10.15 *Presentation and Discussion*

**NEEAPs 2007: Ex ante Assessments
of National Policies**

Ralf Schüle, Wuppertal Institute
Wolfgang Eichhammer, FhG-ISI

11.00 Coffee Break

11.15 *Presentation and Discussion*

**Measuring and Evaluating the
Impacts of Energy Efficiency
Improvement Measures: Formal
Requirements and Basic Principles**

Stefan Thomas
Wuppertal Institute

12.00 *Plenary Session*

**Principles of Energy Savings
Calculation in Bottom-up and Top-
down Methodology**

- Bottom-up methodology
- Top-down methodology
- Integration of bottom-up and top-down methodologies

Harry Vreuls, SenterNovem
Didier Bosseboeuf, ADEME
Piet Boonekamp, ECN
Wolfgang Eichhammer, FhG-ISI

13.00 Lunch Break

14.00 *Parallel Sessions*

Application of Calculation Methods

1. Session 1:
Evaluation methods and examples
for application: *Residential Buildings*

Jean-Sébastien Broc, ARMINES
Leonardo Barreto-Gomez, A.E.A.
Bruno Lapillonne, Enerdata

2. Session 2:
Evaluation methods and examples
for application: *Transport*

Susanne Böhler,
Wuppertal Institute
Harry Vreuls, SenterNovem
Didier Bosseboeuf, ADEME

15.15 **Coffee Break**

15.30 *Panel Debate:*

**Applicability of Evaluation Methods:
Perspectives of Business, Member
States and Experts**

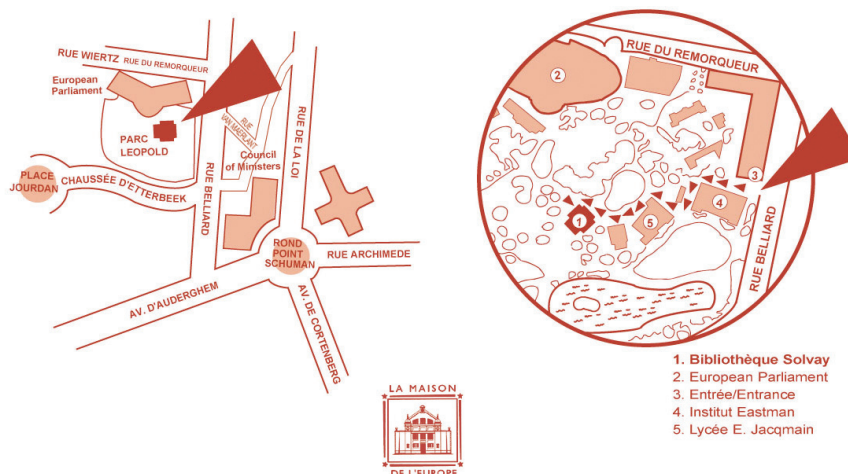
Paul Baudry, EdF, France
Dagnija Blumberga, Ekodoma,
Latvia (t.b.c.)
Randall Bowie, EURIMA
Marvin Horowitz,
Demand Research, USA
Agneta Persson, Government
Independent Inquiry, Sweden
Wolfgang Stinglwagner, German
Ministry of Economics and
Technology (t.b.c.)

16.30 **Towards Harmonised Methods for
Monitoring and Evaluation Energy
Savings: Summary and Conclusions**

Stefan Thomas
Wuppertal Institute

17.00 **End of the Conference**

The Venue:



Leopoldpark - Rue Belliard 137 - B-1040 Brussels - Belgium
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 E-mail : info@bibliothequesolvay.be - www.bibliothequesolvay.be

From Brussels International Airport (Zaventem):

By taxi: Price: ~22€ (20-30 minutes)

By train: Two trains per hour ('01, '37) to Brussels (city) (2,5€) (20-30 minutes).
 Get off at Central Station/Gare Centrale.

Take Metro line 1A towards Hermann-Debroux or Metro 1B towards Stockel.
 Get off at Maelbeek and take "Chaussée d'Etterbeek" exit (metro: 5 minutes).
 Turn right and walk 10 minutes on Chaussée d'Etterbeek. Cross Rue Belliard
 and follow signs to Bibliothèque Solvay. The building is at the top of the Park,
 on your left.

From Train Station "Midi/Zuid" (Eurostar/TGV/Thalys):

By bus: Bus 27 towards "Midi". Get off at Parc Léopold. 200 meter walk to "La
 Maison de l'Europe".

By metro: Take Metro 2 towards Simonis. Change at Arts-Loi to Metro 1A
 towards Herrmann-Debroux or 1B towards Stockel. Get off at Maelbeek and
 take Chaussée d'Etterbeek exit (metro: 15 minutes). Turn right and walk 10
 minutes on Chaussée d'Etterbeek. Cross Rue Belliard and follow signs to
 Bibliothèque Solvay. The building is at the top of the Park, on your left.

From Rondpoint Schuman (Charlemagne, Breydel, Justus Lipsius):

Take Rue Froissart in the direction of Place Jourdan. Turn right on rue Belliard
 and follow it until you see the entrance to the Parc Léopold on your left. Follow
 the signs to the Bibliothèque Solvay (5 minute drive; 20-25 minute walk).