



Challenges for the implementation of the EPBD ENPER EXIST



- ◆ **Session S4 – Gratte-Ciel 3**
- ◆ Présidents – Chair: G. Sutherland J.-Ch. Visier
- ◆ **Introduction: the Enper Exist project:**
- ◆ JC Visier
- ◆ **Part I: Getting energy ratings adapted to existing buildings**
- ◆ Challenges to calculate the ratings for existing buildings: the experience of ENPER-EXIST work package 1
- ◆ *D. van Dijk, M. Spielman*
- ◆ EPA-NR put in practice
- ◆ *R. Lahrech, B. Poel*
- ◆ **Part II: Non-technical aspects**
- ◆ A holistic vision of interrelated non-technical aspects
- ◆ *M. Santamouris*
- ◆ **Part III: EU Building stock knowledge**
- ◆ ENPER-EXIST building stock knowledge including Danish experience from labelling
- ◆ *K. Engelund Thomsen*

Energy PERformance of EXISTing Buildings

ENPER-EXIST

November 21, 2006



➤ **De-fragment technical work performed on existing buildings.**

- Actions in CEN
- National calculation procedures
- Work performed in different projects

➤ **De-fragment work on legal, economical and organisational problems.**

Impact of the certification procedures on :

- The market
- The human capital
- The national administration

- **Achieve a better knowledge of the European building stock.**
 - level of information available and its use by decision makers when setting up actions
 - category of buildings with a highest potential of energy savings measures
 - ways to refine this information (certification procedure as a tool)

- **Define a roadmap for actions going beyond the limits of EPBD.**
 - Close interaction with interest groups
 - Overview for possible legal measures for existing buildings (available examples, proposals in preparation)
 - Alternative strategies for a wide scale improving energy efficiency

Roadmap for actions going beyond the limits of the EPBD

Technical tools application

Legal, economical,
organisationnal issues

Building stock knowledge

Dissemination



To know more about Enper Exist



◆ Visit our web site: www.enper-exist.org



◆ Register to receive our news letters



Work package 1: Tools application

- ▶ [Collection of analyses of CEN standards and comment sheets](#)
(working document, final draft) PDF-file, 698 KB
- ▶ Data acquisition report
(working document) available soon
- ▶ [Detailed calculations](#)
(working document, final draft) PDF-file, 511 KB
- ▶ [Investigation of alternatives](#)
(working document, final draft) PDF-file, 510 KB
- ▶ [Final report of ENPER-EXIST work package 1 "Tools application"](#)
(final report, draft) PDF-file, 353 KB

Work package 2: Legal, economical and organisational impact

- ▶ [Intermediate report of ENPER-EXIST work package 2 "Legal, economical and organisational impact"](#)
(final draft) PDF-file, 582 KB

Work package 3: Building stock knowledge

- ▶ [Final report of ENPER-EXIST work package 3 "Building stock knowledge"](#)
(final report, draft) PDF-file, 1.265 KB
- ▶ [Building stock knowledge tool](#)
(working document, final draft) EXCEL-file, 1.413 KB



Attend the workshop on wednesday



Session S8 – Gratte-Ciel 3

EE Measures in the Existing Sector, towards an energy efficient building stock in 2020

in collaboration with EURIMA

Présidents – Chair: P. Wouters

D. Riquier-Sauvage

Roadmap for future actions regarding the energy performance
of existing buildings *X. Loncour, P. Wouters*

Energy saving measures in existing buildings in Denmark *S. Aggerholm*

Building blueprint: Endorsement schemes for building energy efficiency
improvements in the EU25 *F. Klinckenberg*

Vision of the industry

P. Eveillard



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