



Assessment and Improvement of the EPBD Impact (ASIEPI)

Expected results

Expected results include

- ▶ a benchmarking method and tool to compare the energy performance requirement levels
- ▶ the potential problems and solutions in national approaches related to control and compliances procedures, thermal bridges, building and duct airtightness, assessment of innovative systems and summer comfort
- ▶ an accelerated identification of appropriate solutions in order to improve national approaches
- ▶ a support for actions in the frameworks of the EPBD revision

Topics of the project

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- ▶ 2 - Compliance and control: apanek@nape.pl
- ▶ 3 - Thermal bridges: hk@ibp.fhg.de
- ▶ 4 - Airtightness: remi.carrie@developpement-durable.gouv.fr
- ▶ 5 - Innovative systems: nicolas.heijmans@bbri.be
- ▶ 6 - Summer comfort: msantam@phys.uoa.gr

ASIEPI publications

The ASIEPI-project gives support to the Member States in order to have an accelerated implementation of good concepts for increased energy efficiency. The ASIEPI results will not only disseminate through the usual project reports, but also through Information Papers, papers at conferences, web events, and presentations-on-demand.

Currently, nine information papers are available at www.asiepi.eu and www.buildup.eu

- ▶ P063 Assessment of Innovative Systems in the Context of EPBD Regulations
- ▶ P064 Thermal bridges in the EPBD context
- ▶ P065 Comparing Energy Performance Requirements over Europe
- ▶ P072 Implementation of Energy Performance Regulations: Opportunities and Challenges related to Building Airtightness
- ▶ P132 An Overview of National Trends Related to Innovative Ventilation Systems
- ▶ P137 International Comparison of Envelope Airtightness Requirements & Success Stories that could inspire the EC and other MS
- ▶ P148 Impact of thermal bridges on the energy performance of buildings
- ▶ P152 Software and atlases for evaluating thermal bridges
- ▶ P157 Airtightness requirements for high performance building envelopes

Coming publications

Soon to be published information papers include:

- ▶ Testing of large or multi-family buildings in an EP regulation context
- ▶ Examples of compliance and control of EPBD with illustrations from some members countries
- ▶ Status of alternative cooling and comfort techniques in Europe
- ▶ Advanced and innovative methods of solar control

International workshops

Please visit <http://www.asiepi.eu/asiepi-workshops.html> for the information on past and coming workshops.

Past workshops:

- ▶ National ventilation markets and drivers for change
- ▶ Summer comfort and cooling in national building codes
- ▶ Impact, compliance and control of the EPBD related legislation

Coming workshop:

- ▶ How to prove the benefits of new innovative systems for better energy efficiency, Amsterdam March 2010

Webevents

Please visit <http://www.asiepi.eu/asiepi-web-events.html> for the information on past and coming events.

Presentations available from many topics such as:

- ▶ Summer comfort and air conditioning in Europe
- ▶ Thermal bridges in the EPBD context
- ▶ Assessment of innovative systems in the framework
- ▶ Comparing Energy Performance Requirements
- ▶ Envelope airtightness

Presentations on demand available at website

Recorded presentations of European top experts are available on several topics including

- ▶ The EPBD as support for market uptake of innovative systems
- ▶ Thermal bridges in the EPBD context: overview on MS approaches in regulations
- ▶ Envelope airtightness: How to stimulate a market transformation?
- ▶ Inter-comparison of requirement levels in Member States