

DE/12/LLP-LdV/TOI/147513
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WP 2 RESEARCH

Project partner: IKKE / DE

WP 2 has the following aims:

1. Carrying out research concerning existing competence profiles, materials, methodologies and competence profiles for workers in the sectors installation, electro and maintenance, regarding energy performance of buildings Installations for comfort of people >12 Kw.
2. Providing advice on adaptation, upgrading and transfer of materials to make them fully fit the EU directive EPBD, 2002/91/EG.

In WP 2 the following activities will be executed:

1. Research on and comparison of available competence profiles, training & lesson materials, approaches and methods within the partnership's organizations concerning the topics mentioned above;
2. Report and advice on: transfer of competence profiles, methods, materials and approaches (use, adaptation and upgrading) to make them fully fit the EU Directive EPBD, 2002/91/EG.

Introduction of the EPBD in Germany

The EPBD is introduced with the EnEV (Energieeinsparverordnung) 2007 in national law. Minimum standards of energy consumption are regulated. An energy passport is necessary since July 2008. For new buildings the energy passport is necessary since 2002.

Inspection of airconditioning systems

Since 1 April 2007, air conditioners with a rated output of more than 12 kW have to be regularly inspected by a qualified expert. From 10 April 2011, the inspection frequency is as follows:

Maintenance for AC > 12 KW inspection after 10 years by a qualified expert (engineer).

Reports on the inspection of heating or airconditioning systems

Check of technical standard, proposal for owner of the plant for energy efficiency or new plant !?

Independent experts

Current situation

Qualified experts:

All buildings → engineer with experience and special course (Anlage 11 / EnEV)

Living buildings (private) → Meister with experience and special course (Anlage 11 / EnEV)

Future situation

Consequent checking!

Training

Special course (Anlage 11 / EnEV)

Examination

Examination as Engineer or Meister (special knowledge!)

Competence profiles

Profiles for Meister / engineer

Annexes: see below

Further information:

www.bbr.bund.de

www.ideal-epbd.eu

www.epbd-ca.eu

www.buildup.eu

www.enev-online.de

www.oeko.de