



Dissemination and management of the set of EPB standards

Starting up the EPB CENTER

**Your service center for Energy Performance of
Buildings assessment methods.**

www.epb.center

What

- We focus on the EPB standards implementation at national and regional levels.
- We are dedicated to provide stakeholders and interested parties with technical support for the implementation and dissemination of information on the set of EPB standards at national and regional level.
- While providing this support we also aim to assist with formulating needs in order to further develop and improve this set of EPB standards.

Why

- Both policy makers and the construction industry are confronted with a range of challenges and opportunities when it comes to reducing energy consumption and increasing the use of renewables.
- The construction sector has great potential to reduce the greenhouse gas emissions, in line with the climate targets as set out in the Paris climate conference (COP21) in December 2015. Clear and consistent policy targets play an important role in driving innovation in the construction sector.

Why

- During the past 5 years, a high number of experts from many countries worked closely together to develop a coherent set of standardized methods to determine the energy performance of a building (EPB).
- This set enables the calculation and inspection of the overall energy performance level of a building or building design. As such, this set of methods is a key instrument to set and evaluate the national and international policy targets.

Why



- The set of EPB standards takes into account the impact of thermal insulation, air tightness, passive and active solar energy and daylighting, heating, ventilation, cooling, hot water and lighting systems.
- Additionally the set of EPB standards includes the effect of control and automation equipment and the dynamic climatic conditions and user patterns.
- This is called a “holistic” or “systemic” approach and is now available as CEN (European) standards and partly also already at global level (ISO). Altogether, this is known as “the set of EPB standards”. On the global level it is emerging as the ISO 52000 series.
- Now is the time to further implement the set on national and regional level and we are here to provide support.



Who

- We aim to provide support for a vast variety of stakeholders, including:
- Construction project managers, technical and financial services providers, contractors and subcontractor;
- Material and equipment suppliers, designers, consultants, clients and end users;
- National and local governments, public utilities;
- Energy agencies, energy service providers and inspection organizations;
- Technical research institutes and industry associations.

Questionnaire on expected services and their level of relevance

- FAQ on which issues
- Show cases
- Examples
- Demonstration of use of the set of EPB standards in an example MS
- Type of dissemination products
- Availability of databases
- Software tools
- Collecting feedback on the use of standard's
- Questions on apparent conflicts between national building regulations and the EPB standard implementation (Annex A/B)
- Etc..

