



# CEN-CE✓

CEN EPB Standards Certified Experts



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# 2<sup>nd</sup> Stakeholders' Workshop

Brussels, 4 November 2019



## 2<sup>nd</sup> CEN-CE Stakeholders' Workshop live polls

### Warm-up live poll

#### a. To which of these groups of stakeholders would you affiliate your organization or yourself?

- Building professionals – designers / specifiers (residential)
- Building professionals – designer / specifiers (non-residential)
- Building professionals – installers / contractors
- Building professionals – commissioners
- Building professionals – facility managers
- Building professionals – EU level association/federation
- Industry / Manufacturers (including EU level association/federation)
- Research – Academia & Industry (including EU level association/federation)
- Professional training institutes / Professional Certification Bodies
- Standardization
- Property owners, managers and developers (including EU level association/federation)
- Financing and investment (including EU level association/federation)
- Voluntary certification schemes (e.g. BREEAM, DGNB, HQE, Active House, Passive House)
- Public administration / Policy making
- Other

#### b. How familiar are you with training and qualification schemes?

- Very familiar
- Moderately familiar
- Slightly familiar
- Not at all familiar

#### c. How familiar are you with the set of EPB Standards generation I (2007)?

- Very familiar
- Moderately familiar
- Slightly familiar
- Not at all familiar

#### d. How familiar are you with the set of EPB Standards generation II (2017)?

- Very familiar
- Moderately familiar
- Slightly familiar
- Not at all familiar

## Live poll

### 1. Do you believe the use of CEN EPB standards will contribute to improving market recognition of skills?

- Yes (e.g. because it is an increase of my professional skills)
- No (e.g. because I must use national methods)
- Uncertain

### 2. Do you believe the use of CEN EPB standards will contribute to reducing energy use and carbon footprint in buildings and increase the use of renewable energy sources in the HVAC systems?

- Yes (e.g. because these topics are addressed in a comprehensive way in the standards e.g. on-site production)
- No (e.g. because I use already adequate tools)
- Uncertain

### 3. Do you believe CEN-CE could become a provider on the market case for sustainable self-financed training activities and qualification of experts?

- Yes (e.g. I would be interested to be trained on the CEN EPB standards)
- No (e.g. because I cannot use them in my daily work)
- Uncertain

### 4. Who do you believe would be the main drivers for the demand of CEN-CE? (multiple choice)

- Policy makers
- National mandatory accreditation schemes
- Voluntary certification schemes operators
- Other existing training schemes
- Software developers
- Industry, manufactures
- Universities, educational and vocational institutions
- Private sector
- Other

### 5. Who do you believe are suitable customers (trainees) of CEN-CE? (multiple choice)

- Accredited experts for national calculation methodologies, issuing national EPCs
- Policy makers and experts responsible for national methodologies development
- Experts for existing voluntary certification schemes
- Energy auditors
- Consultants on EE

- Designers, architects interested in calculation of EPB
- Installers, all senior workers active on the building site, quality assessors, building managers, etc.
- Industry for correct consideration of their products, systems and services
- Other

**6. What do you believe is important to ensure the reputation and credibility of CEN-CE? (multiple choice)**

- Quality of developed training materials
- Quality of teaching / quality of training provider (scheme operator)
- Eligibility criteria for application (education / working experience required)
- Strict examination / verification of skills and competence (pass exam)
- Monitoring of running scheme by the CEN-CE scheme operator, market surveillance
- Uncertain

**7. What do you believe would be the main motivation for becoming CEN EPB Standards certified expert?**

- Market recognition (public list of certified experts)
- New knowledge, skills, saving time with streamlined learning
- New competence resulting in better service regardless of higher income
- Higher income
- Obligation e.g. training for mandatory certification
- Other

**8. What do you believe would be an acceptable training price for one standard?**

- 100 – 200 €
- 200 – 500 €
- 500 – 800 €
- More than 800 €
- Uncertain

**9. Do you believe that training materials should be tailored to different customer groups (e.g. installers, designers)?**

- No, the trainer shall be able to adapt his teaching to the knowledge level of a certain group
- Yes, the training material should be tailored

**10. Do you use EN 15316 series standards for energy performance calculations?**

- No, the national calculation methodology is not based on CEN EPB standards
- No, EN 15316 calculations are too complex for standard expert level
- No, other reason
- Yes

**11. Do you perform cost-optimal analysis in the phase of building energy design? (multiple choice)**

- No, not mandatory
- No, there is no adequate calculation tool
- Only for nZEBs
- Only for “big” investments
- Only upon the request of customer
- Yes, often

**12. Should a training on EN standards (EPB) include basic knowledge (e.g. EN 15316: Generator type, Boiler type, Condensing boiler theory)?**

- No, fundamentals are already well known by professionals
- It's nice to have but it doesn't really help
- Yes, this is useful and helps understanding how to use the standard or software based on standard

**13. Should a training on EN standards include applications beyond the strict scope of energy performance calculation?**

- No, the most interesting scope is the energy performance calculation
- It's nice to have but standards will not be used for anything else than energy performance calculation
- Yes, this is useful and encourages understanding, using and knowing the standards

**14. The exam shall be in writing after each module as answers to questions only?**

- Yes, answers on the questions are sufficient
- No, the exam should include also a calculation
- Not important

**15. The training should include calculations with commercial software?**

- No, spreadsheets are sufficient for learning purposes
- Yes, spreadsheets are not user-friendly enough
- Both spreadsheets (for module examples) and commercial software (for overall/integration examples) shall be used



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