



# Basic Work Requirement 6

## Energy economy and heat retention

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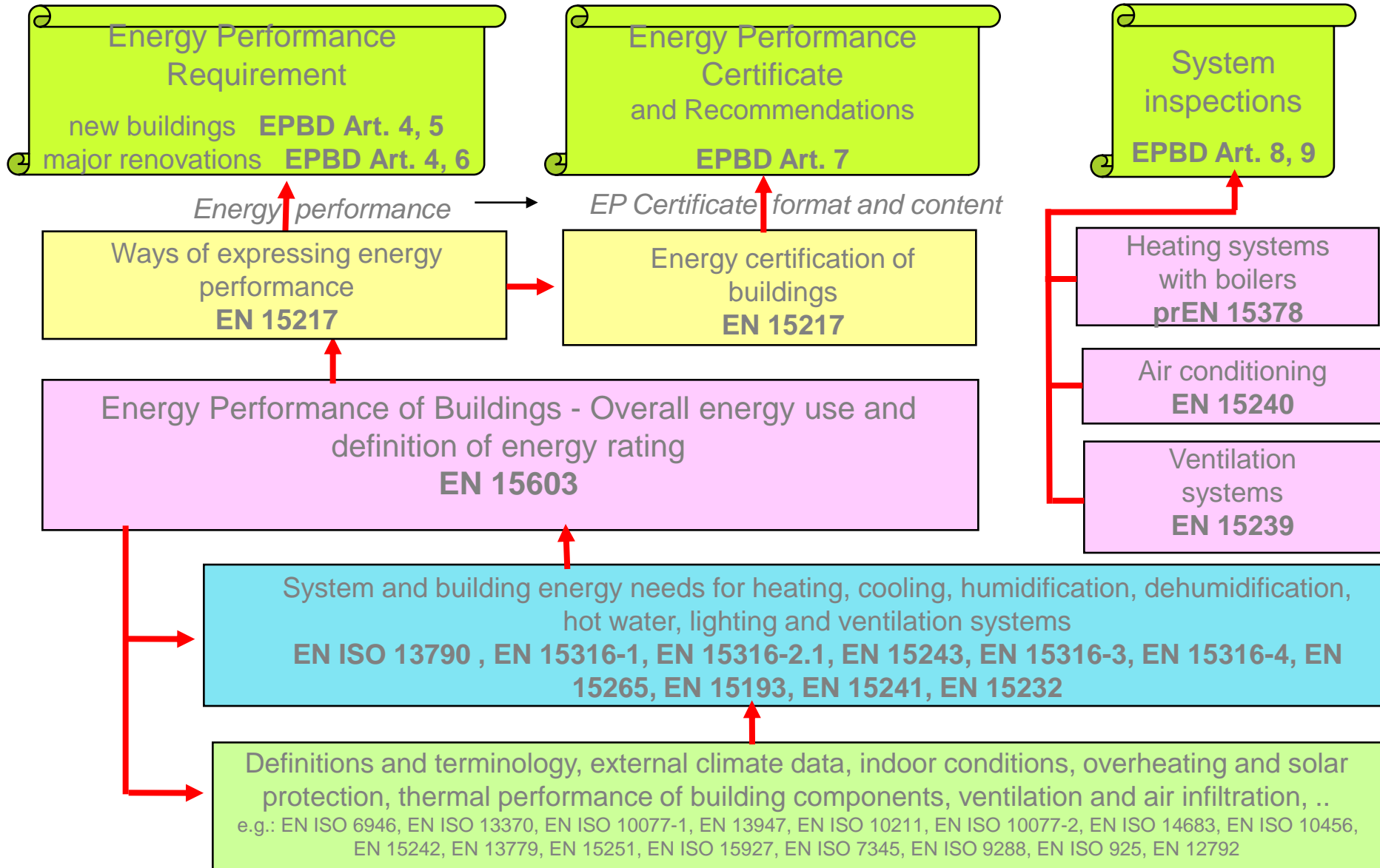
<b>BWR 1</b> Mechanical resistance and stability	<b>BWR2</b> Safety in case of fire	<b>BWR3</b> Hygiene, health and the environment	<b>BWR4</b> Safety in use	<b>BWR5</b> Protection against noise	<b>BWR6</b> Energy economy and heat retention	<b>BWR7</b> Sustainable use of natural resources
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## CEN TC 350 Sustainability of construction works

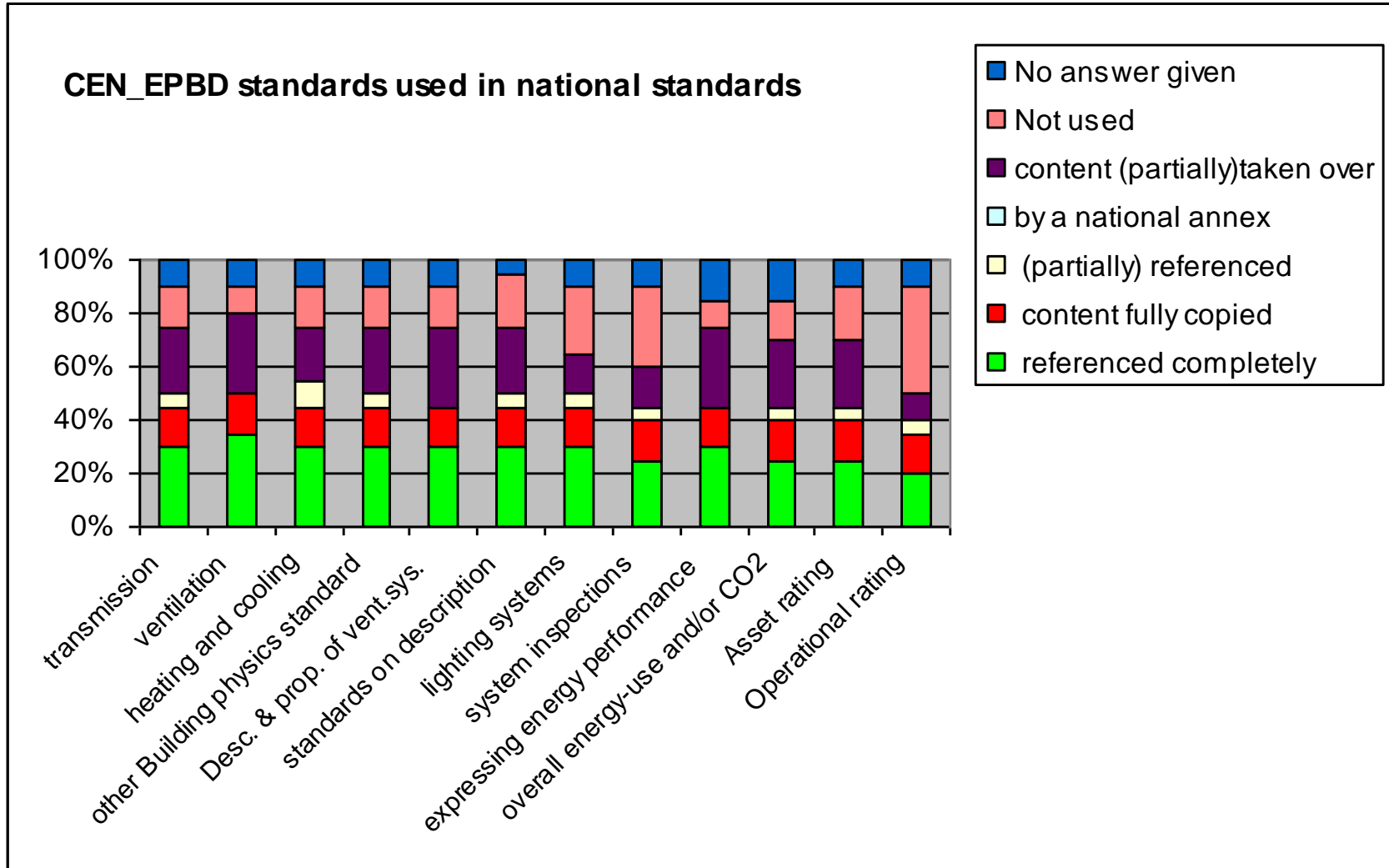
### CEN TC 371 Program Committee on EPBD

- System oriented TC's for buildings
  - TC89 Thermal performance.
  - TC156 Ventilation
  - TC169 Lighting
  - TC228 Heating
  - TC247 Control and automation
  - Etc.
- Product TC's
  - TC88 Thermal insulation products
  - TC57/109 Centr. H.Boilers
  - TC62 Gasfired space heaters
  - TC110 Heatexchangers
  - TC113 Heatpumps & AC-units
  - TC129 Glass in buildings
  - etc

# Methodology for calculating energy performance (EPBD Article 3 and Annex)



# Are the CEN-EPBD standards used in national legislation or standards?.



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- Calculation procedures should be same in all MS's, use the same software tools, CEN should think about computer tools. Differences in building regulations are a barrier to this
- If net zero carbon is the goal for 2020 our (BWR6 and EPBD) standards should be taken much more seriously. They are as essential as our health and safety standards.
- More money is spend to prepare standards on national level compared to the work on CEN level
- Standards are considered too complicated, however energy in buildings is a complicated multidisciplinary issue; a EN is a a basis for our tools for the practice

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- Eurocodes : good example to follow on BWR6? It seems not , energy in buildings is more complex
- Users are not standard, the effect of the user, the EPBD standards allow operational approach
- How do the current standards pay attention to microclimates (in cities)
- No missing WI's in this field identified
- Current Standards should be improved, the recasting of the EPBD requires us to revisit the current set of EPBD standards, a cooperation with ISO TC 163 and 205 is foreseen in this respect .