Current situation in Germany

One method – two systems

DGNB & BNB

Thomas Lützkendorf
Karlsruhe Institute of Technology (KIT)
Sustainability assessment systems – second generation

- Top-Down approach to define assessment criteria, starting from the areas of protection and protection targets
- Accounting for all three dimensions of sustainability (economic, environmental and social aspects) incl. technical and functional performance
- Clear separation of building specific qualities and process specific qualities (design, construction, operation)
- Accounting for the full life cycle of the building
- Use of quantitative life cycle methodologies (LCA & LCC)
- Taking into account the current state of European and international standardisation (e.g. ISO TC 59 SC 17 und CEN TC 350).
First example for the second generation of assessment systems

- Environmental performance (22.5%)
- Social, cultural and functional performance (22.5%)
- Economic performance (22.5%)
- Technical Performance (22.5%)
- Process Quality (Design & Constr.) (10.0%)

Characteristics of the Location

Karlsruhe Institute of Technology - University of the State of Baden-Württemberg and National Research Center of the Helmholtz Association
Overall assessment result and detailed information
<table>
<thead>
<tr>
<th>Quality</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecological quality</td>
<td>22.50 %</td>
</tr>
<tr>
<td>Economic quality</td>
<td>22.50 %</td>
</tr>
<tr>
<td>Social &amp; functional quality</td>
<td>22.50 %</td>
</tr>
<tr>
<td>Technical quality</td>
<td>22.50 %</td>
</tr>
<tr>
<td>Quality of processes</td>
<td>10.00 %</td>
</tr>
<tr>
<td>Overall evaluation (property)</td>
<td>100.00 %</td>
</tr>
</tbody>
</table>
Please visit

Special Forum Nr. 5 – Procurement

Wednesday


and

the German Pavilion at Exhibition area