

Online-Workshop

as Virtual Knowledge-Bridge in Post-Professional Education



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Presentation main points

- The context: New German Energy-Saving Building Regulation.
- Post-professional education via Internet.
- “Online-Workshop EnEV-Practice” for architects and engineers.
- The outcomes and replication of the results of the online-workshop.



The context

- New German Energy-Saving Building Regulation entered into force 2002.
- Limitation of primary energy demand of buildings for heating and warm water.
- Introduce the low energy standard for all buildings (dwellings, offices, industrial).



Online-Workshop EnEV-Practice

- Main ideas of the developed model.
- Concept of the online-workshop.
- Main goals and perspectives.
- Methodological implementation.
- The structure and content.



Objectives and learning outcomes

- Innovative learning approach.
- Post-Professional lifelong learning.
- Outcomes: Development and utilisation of learning material and resources.
- Online-learning policies in practice.



Innovative learning approach

- First Internet-based online-workshop for German architects.
- Knowledge bridge between politics, administration, research and practice.
- Knowledge base used for official explanations to building regulation.



Professional lifelong learning

- Participants: architects, engineers.
- Application of new building regulation.
- From work places turned in questions.
- Parallel to their work: project advice.
- Software: tested calculation-tools.



Outcomes: material + resources

- Developed learning material and resources.
- Produced and documented knowledge base.
- 77 questions and the answers generated.
- Basis for official interpretations of regulation.
- Workshop co-operation University of Kassel.



Online-learning policies practice

- The first online-workshops 2000.
- European co-operation project RENARCH
Denmark France Germany - www.renarch.net
- Online-Workshop 2002 supported by experts
from the German Federal Ministry for Building
and of the German Energy Agency.
- European and national public bodies
stimulate post-professional online-learning.



References

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