


Energy Performance in Buildings



Energy Certification – experience from the CA

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Main Objective in CA EPBD

**WE ALL WANT TO LEARN WITH
ONE ANOTHER AND COOPERATE
TOWARDS AN EFFICIENT
TRANSPOSITION OF THE EPBD IN
EVERY EUROPEAN COUNTRY.**

Certification of Buildings

For certification of buildings this means:

- to use the existing experience
- to have common discussions on the many topics covered by the certification schemes
- to try to develop common solutions to common problems
- to converge in certification methods
- to share informations and best practice
- but the idea is to make convergence to the same solutions

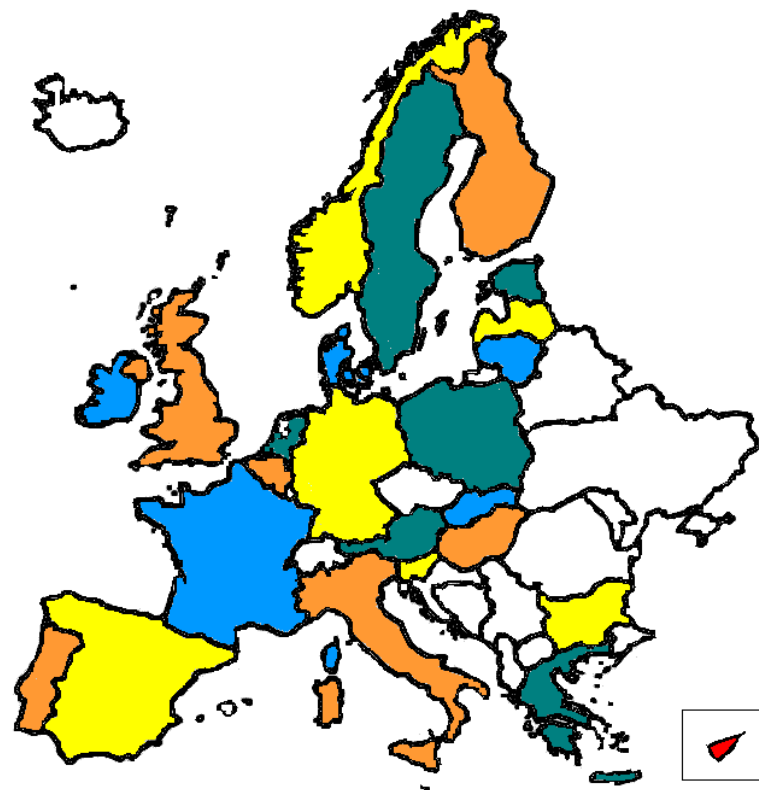
Sharing Experience

The experience with certification is different in different countries

Often certification is done / different in regions in same country

The aspects included in certification can be different too

But the needs for the future certifications will be different too !



Worships first half 2005

Rome:

- **Organisation of Certification Schemes**
- **Tapas – different small topics, incl. new buildings, apartments**

Bratislava:

- **Simplified Methods**
- **Certification of Apartments**
- **Statusreports fom different countries / best practice**
- **Questionnaire on certification**

Brussels Workshop

Brussels:

- Public Buildings
- Simplified methods (cooperation with PR)
- New Buildings

- Posters on new buildings art. 3, 5 and 7 in EPBD

*Simplified methods including calculation, standard values,
asset rating versus optional rating*

CA means sharing information

- The idea of the CA is not to find one common solution
- or to vote on different models
- It is to give information to the decision makers on possible solutions
- Some of the important ways are:
 - reports on best practice or planned solutions in the countries
 - comments from other countries to plans
 - discussions and arguments pro / con

Questions and Answers

- Sometimes the workshops are better in raising questions than solutions
 - after the first workshop in Rome some of the participants were nearly afraid to return with all the new questions to be solved or decided by the implementation
- Sometimes it is surprising to see how many different ways you can solve the different problems
 - questionnaires showed such a big variation in the countries

Achieved results?

- It is difficult to list exact results from the CA
- First of all the countries are still in process of choosing and finalising the implementation of Certification
- Second the countries discuss free, because we don't report outside the CA
- And it will be difficult to say exactly what would have happened without the CA
- Finally this would have needed to give far too many details for the individual countries

Achieved Results?

But it is sure:

- the CA have given the countries options to chose
 - it has helped to show forces or weakness
 - it has given new solutions
 - and it has improved existing ideas
-
- Some examples can be given!

New Buildings

- When is the best time for certificates ?
- By design of building
 - because you can easily influence the consumption
- After construction
 - because you can document the final building
- Need both
 - but will be more expensive
- Countries have chosen different options
 - but reasons for the choice are more clear

Operational versus Asset?

- Should data be calculated or metered ?
- Metered data can be more easy to obtain and will give a true picture of the consumption and possible savings in some cases
- Metered data take in actual use
- Calculated energy is possible to compare
- By calculation the assumptions are more clear
- So you need them both!

Simplification

- You have to keep costs down for the consumers and building users
- But you need good quality
- How can you find the right balance?
- How can you simplify without losing quality ?
- What is the right balance ?

- Countries will for sure choose different solutions in this point !

Public Buildings

- Which buildings are covered by the scheme ?
 - only public used buildings ?
 - only public owned buildings ?
 - all buildings or only more than 1.000 m² ?
 - what about private services ? private schools ?
- Will the certificate include saving proposals ?
- Again countries will choose different solutions
- But they choose with "open eyes"

Thank you !

