

9th ASIEPI web event

Stimulating innovation with EPBD

General conclusions and guidelines



Nicolas Heijmans, BBRI

Table of contents

- ❖ Some general conclusions and guidelines
- ❖ 4th ASIEPI workshop
- ❖ Next steps

Table of contents

- ❖ Some general conclusions and guidelines
- ❖ 4th ASIEPI workshop
- ❖ Next steps

Conclusions (1)

- ❖ Every MS seems to be happy with the way it handles innovative system assessment...
- ❖ ...even if every MS reports some disadvantages of its own approach!



Guideline 1:
Member States that do not have a legal framework for the assessment of innovative systems should analyse the necessity to define one...



Guideline 2:
To reduce the need to use the equivalence route, Member States should improve the EPB standard calculation procedures on a regular basis

Culture



Self regulation
is not expected



Very
detailed
procedures



Strict control
scheme



Self regulation
is common



Approach
(calculation, control)
might be more open



Equivalence may
not be an escape route



Strict scheme
for equivalence
too

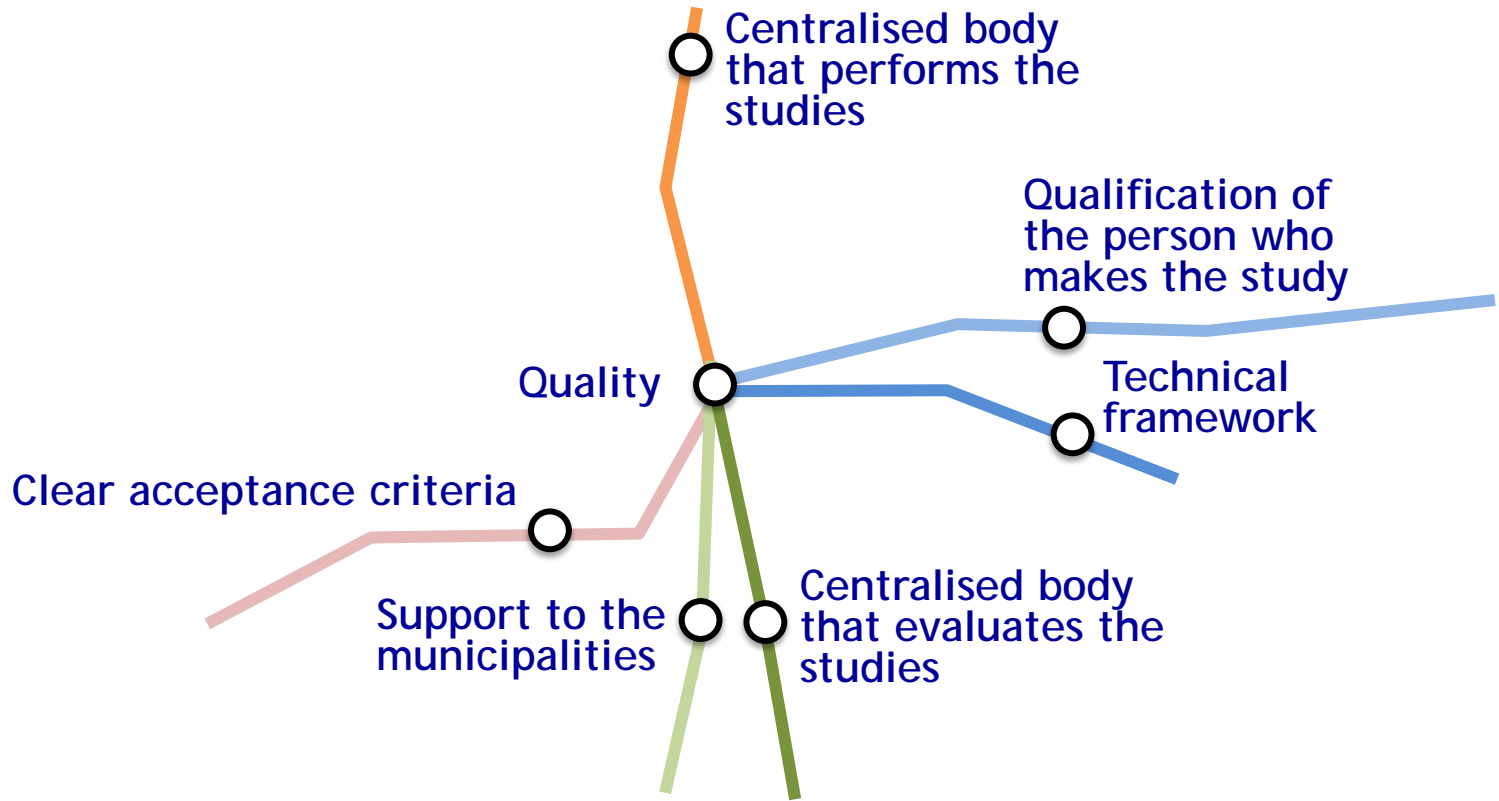


No need for a
strict equivalence
scheme



Quality ?





EQUIVALENCE





Conclusions (2)

- ❖ Every MS where the municipality has to approve reported that this might lead to large differences in the quality of the studies (and to bad studies).



Guideline 3:
Member States should have a framework that can guarantee the quality of the alternative assessment studies



Guideline 4:
One option: Member States should analyse the possibility to have a national body that accept the alternative assessment studies



Conclusions (3)

- ❖ Every MS where the municipality has to approve reported that the same study could be accepted in one city and rejected in another one



Guideline 5:

The accepted equivalence studies should be published on a centralised web site



Conclusions (4)

- ❖ In some MS, the link with the standard calculation tools requires manual calculation, whereas in other MS, the equivalence study is embedded in the standard calculation tool.



Guideline 6:

The link with the standard calculation tool should be as easy as possible, to avoid errors and to facilitate the work of the authorities...



Other guidelines will be available in our report



Table of contents

- ❖ Some general conclusions and guidelines
- ❖ 4th ASIEPI workshop
- ❖ Next steps



4th ASIEPI workshop

National trends of innovative products and systems for energy-efficient buildings

Barriers and strategies for an accelerated market uptake

Amsterdam, The Netherlands
3-4 March 2010



An initiative of INIVE, organized by TNO,
in collaboration with AIVC, REHVA
and part of the European SAVE ASIEPI project (www.asiepi.eu)

Aims of the workshop

- ❖ To identify national **trends and barriers for adoption** of current and emerging energy-efficient technologies and products for buildings
- ❖ To outline **strategies and drivers for change** to incentives to increase adoption rate of these technologies, and accelerate the transition process towards a comfortable, healthy, and energy-efficient built environment
- ❖ To discuss **what are emerging technologies** with high potential to realize energy-efficient buildings and good indoor environments
- ❖ To document **success stories and best practices** that facilitated effective uptake and implementation of energy-efficient and innovative technologies in buildings, while taking high quality and healthy environments into account

5 sessions

- ❖ Session 1: Introduction
- ❖ Session 2: Market uptake of **emerging technologies**
- ❖ Session 3: Long term performance of energy-efficient buildings and systems
- ❖ Session 4: Energy-efficient communities and standards
- ❖ Session 5: Overview of instruments for stimulating **market uptake** (including a panel discussion)



ASIEPI

Assessment and Improvement of the EPBD Impact



Intelligent Energy  Europe

Welcome

NEWS

Project summary

ASIEPI Information
Papers

ASIEPI web events

ASIEPI Presentations-
on-demand

ASIEPI reports

ASIEPI workshops

1 - Benchmarking

2 - Impact, Compliance
and control

3 - Thermal bridges

4 - Airtightness

**5 - Innovative
systems**

Information Papers

Web events

Presentation-
on-demand

Workshop

Workshop

National trends of innovative products and systems for energy-efficient buildings - Barriers and strategies for an accelerated market uptake

Amsterdam, The Netherlands 3 & 4 March 2010

This **ASIEPI** workshop is an initiative of **INIVE**, organised by **TNO**, in collaboration with **AIVC** and **REHVA**.

The main purpose of this workshop are :

- to identify national trends and barriers for adoption of current and emerging energy-efficient technologies and products for buildings,
- to outline strategies and drivers for change to incentives to increase adoption rate of these technologies, and accelerate the transition process towards a comfortable, healthy, and energy-efficient built environment,
- to discuss what are emerging technologies with high potential to realize energy-efficient buildings and good indoor environments,
- to document success stories and best practices that facilitated effective uptake and implementation of energy-efficient and innovative technologies in buildings, while taking high quality and healthy environments into account.

For more information, please refer to the [AIVC website](#).

The registration form will be available from 1 February 2010 on www.tno.nl/workshopenergyinbuildings.

This workshop is the fourth of a series of four workshops co-organised by ASIEPI and AIVC. See [ASIEPI workshops](#) for more information.

Table of contents

- ❖ Some general conclusions and guidelines
- ❖ 4th ASIEPI workshop
- ❖ Next steps

Next steps

- ❖ The outcomes of this web event will be included in the [report about "guidelines to Member States"](#)
- ❖ This report will be summarised in an [Information Paper](#).
- ❖ The scope of the [workshop](#) is wider.
- ❖ The main outcomes of the workshop will be summarised in an [Information Paper](#).

Thank you for attending this 9th ASIEPI web event !

Join us at our 10th and last ASIEPI web event
on 24-02-2010...

Comparing Energy Performance Requirements
Across Europe (II)

Acknowledgements and disclaimer

- ❖ This presentation has been written in the framework of the Belgian participation to the IEE SAVE ASIEPI project.
 - ASIEPI receives funding from the Community's Intelligent Energy Europe programme under the contract EIE/07/169/SI2.466278.
 - The Belgian participation to ASIEPI is co-financed by the Federal Public Service Economy, SME's, independent Professions and Energy, the Flemish Region, the Walloon Region and the Brussels-Capital Region.

Intelligent Energy  Europe

 **economie**
FPS Economy, S.M.E.s, Self-employed and Energy

Vlaamse overheid



- ❖ The sole responsibility for the content of this presentation-on-demand lies with the authors. It does not necessarily reflect the opinion of the European Communities.
- ❖ Neither the European Commission nor the authors are responsible for any use that may be made of the information contained therein.