

International Workshop on Ventilation and Airtightness in Buildings

Voluntary and Regulatory Frameworks to Improve Quality and Compliance

PROGRAMME

Day 1 – Monday 16 March 2015

09:00-10:30 Introduction

1. Welcome on behalf of QUALICHeCK - Objectives of this workshop - QUALICHeCK's approach to quality and compliance. *Peter Wouters, BBRI, Belgium*
2. Welcome on behalf of Boverket. *Anders Sjelvgren and Wanda Rydholm, Boverket, Sweden*
3. BUILD UP Skills: European collaboration on improving the competence of the building workforce - Ventilation and airtightness aspects. *Horia Petran, URBAN-INCERC, Romania*
4. Interaction with the audience

11:00-11:30 Outcomes of QUALICHeCK

1. Overview of selected approaches to improve the reliability and accessibility of energy performance certificate input data. *François Durier, CETIAT, France*
2. Overview of selected approaches to improve the quality of the works. *Heike Erhorn-Kluttig, IBP Fraunhofer, Germany*

11:30-12:45 Building ventilation: industry initiatives - opportunities and challenges for manufacturers

1. The role certification can play to improve the reliability of input data. Eurovent certification example. *Sylvain Courtey, Eurovent Certita Certification, France*
2. Opportunities and challenges for natural ventilation systems and ventilative cooling solutions in compliance frameworks. *Karsten Duer, Velux, Denmark*
3. Assessment of demand-controlled ventilation in various countries and compliance frameworks: practical experience and difficulties encountered by a manufacturer. *Yves Lambert, Renson, Belgium*
4. Market drivers for the ventilation industry in Sweden: the role of AMA and OVK procedures, standardization, and certification. *Lars-Åke Mattsson, Lindab, Sweden*

13:45-15:15 Selected approaches addressing quality and compliance in various countries - Concerns for innovation

1. Quality and compliance on building ventilation and airtightness in Dutch context. *Wouter Borsboom, TNO, The Netherlands*
2. Lessons learnt from the mandatory building airtightness requirements in the UK. *Rob Coxon, ATTMA, UK*
3. Overview of competent tester schemes for building airtightness testers. *François Rémi Carrié, INIVE, Belgium*
4. BUILD UP Skills Sweden: Quality assurance of the works and training activities. *Per-Johan Wik, Lund University, Sweden*

15:45-17:15 Swedish approach to quality and compliance

Detailed presentations of building regulatory context, national energy declaration record, OVK and AMA procedures, testers' qualification

17:15-18:15 Step-by-step demonstration of the inspection of ventilation systems (OVK procedure) supported by video

Day 2 – Tuesday 17 March 2015

09:00-10:30 *Steps to improve the reliability of EPC input data and quality of the works in the Belgian context*

1. Energy Performance of Buildings regulations in Belgium: Many pieces in the puzzle to get a coherent picture. *Xavier Loncour, BBRI, Belgium*
2. Building airtightness: Towards improved and reliable declared performances. *Clarisse Mees, BBRI, Belgium*
3. Ventilation: interesting and new approaches for reliable EPC data and for improved quality/compliance. *Samuel Caillou, BBRI, Belgium*

11:00-12:30 *Status on the ground and industry-driven initiatives in the French regulatory context*

1. Lessons learnt from regulatory compliance checks on ventilation and airtightness: regulatory context, control procedures, results. *Sandrine Charrier and Adeline Bailly, CEREMA, France.*
2. Lessons learnt from a regulatory Quality Management scheme for building airtightness after 5 years of operation. *Sandrine Charrier, CEREMA, France*
3. French voluntary scheme for homogeneous announcement of ventilation product performance. *François Durier, CETIAT, France*

13:30-15:00 *Interactive session – Developing effective compliance frameworks*

The objective of this session is to identify key questions to address to develop an effective compliance framework. It starts with an introductory presentation regarding legal issues when developing compliance frameworks.

1. Legal issues when developing compliance frameworks. *Eric Winnepennickx, UbAtC, Belgium*
2. Structured discussion on sources of problems regarding input data, quality of the works, and innovation.

15:15-16:00 *Conclusions and Perspectives*

1. Summary of country presentations. *Arnold Janssens, University of Ghent, Belgium*
2. Perspectives for effective compliance checks, including feedback from interactive sessions. *Xavier Loncour, BBRI, Belgium*
3. Future steps for QUALICheck. *Peter Wouters, BBRI, Belgium*

