



International Workshop

Securing the quality of ventilation systems in residential buildings: status and perspectives

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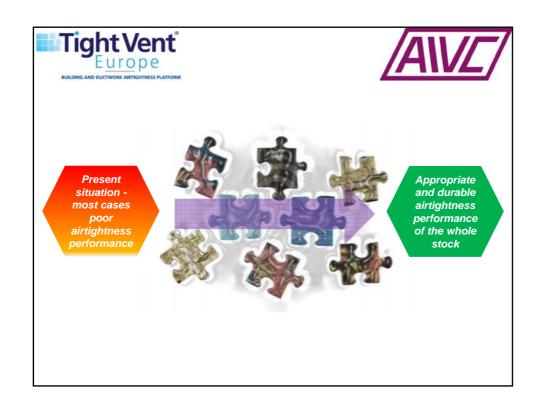


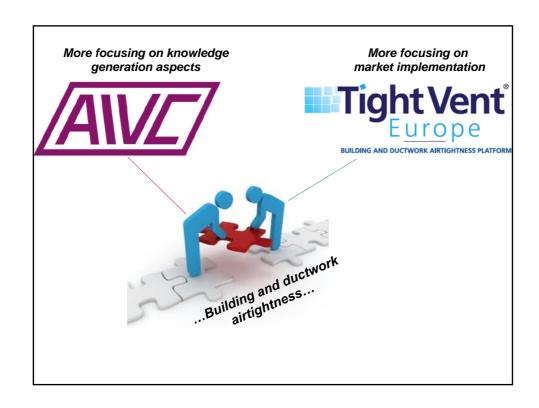


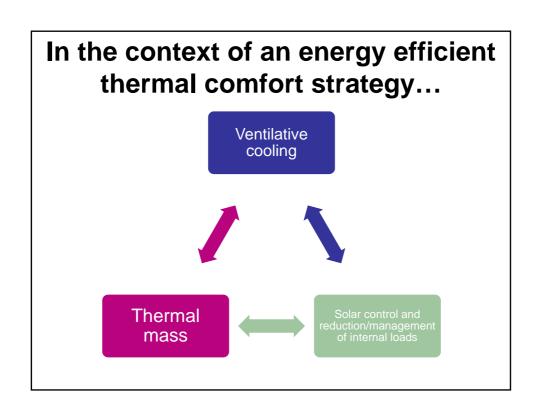




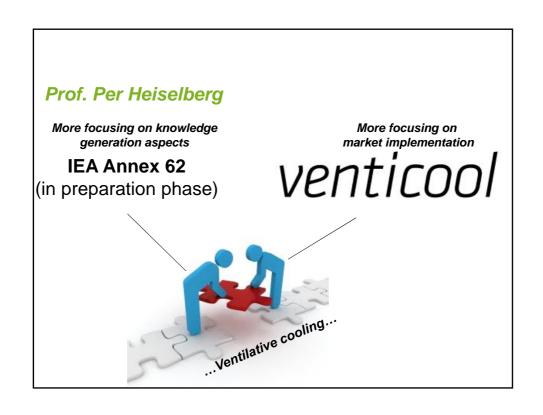






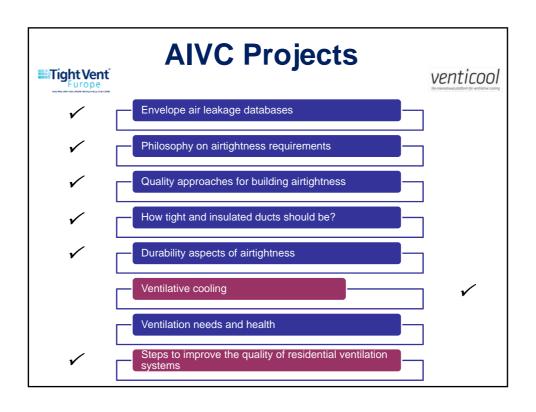




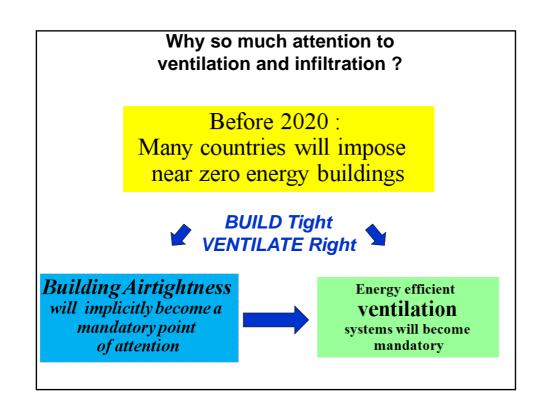








Why so much attention to ventilation and infiltration? 2006 ■ Challenges legislation ▶ Comfort and health Air Infiltration 10 · Indoor air quality Noise Draught > Significant energy use • Can represent over 50% of the **Nearly-zero** space conditioning energy use building "All the rest" • Fan energy use, if any Safety · Fire hazard **Air Infiltration** "All the rest" Example: Flemish legislation - typical dwelling - no assessment of airtightness



Why so much attention to the quality of residential ventilation systems?

- Great opportunity for the ventilation sector
 - Obviously significant progress can be made
 - New paths are worth exploring for:
 - · Product development
 - · Construction methods
 - Commissioning
 - Building operations



Key questions addressed during this workshop

What is the knowledge regarding the quality of ventilation systems in residential buildings in various countries?

What is the status with existing approaches to improve the quality of these systems?

How can quality frameworks help improve the situation and how can they converge with existing regulations or programmes?

What can we learn from targeted efforts to characterize or monitor real ventilation system performance?

Over 80 participants to discuss these issues based on contributions from 13 countries and international organizations

On behalf of AIVC, TightVent and INIVE, we wish you a pleasant and informative workshop