IAQ 2016 Defining Indoor Air Quality: Policy Standards and Best Practices

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IEA EBC annex 68 subtask 5: Field Measurements and case studies Session 6B

Learning Objectives

- What activities are part of the subtask?
- Connections to other subtasks
- Timing
- How to engage?

- 5.1 State of the art and measurement strategies
- 5.2 Controlled measurements
- 5.3 In Situ measurements
- 5.4 Analysis and dissemination

- 5.1 State of the art and measurement strategies
- ⇒ Literature review for:
 - ⇒ Best available measurement techniques for the target pollutents (ST1)
 - ⇒ Past Case Studies
- \Rightarrow Listing of:
 - \Rightarrow Available test facilities
 - ⇒ Ongoing case studies

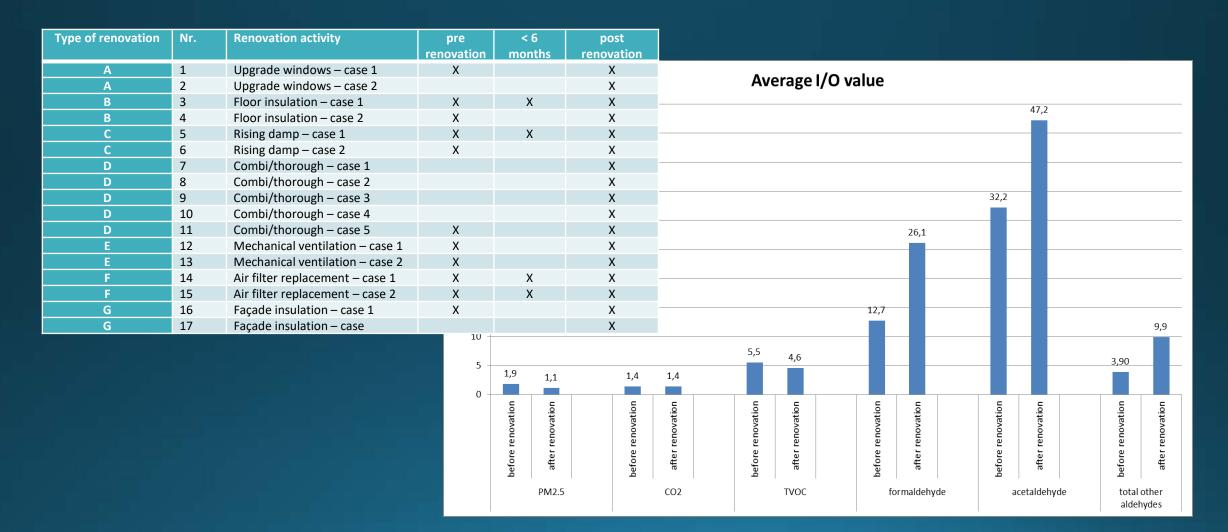
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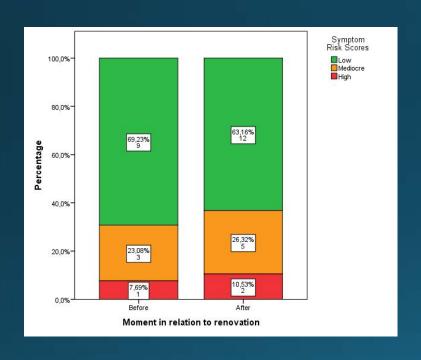
• 5.2 Controlled measurements (validation cases for ST 3 and 4)

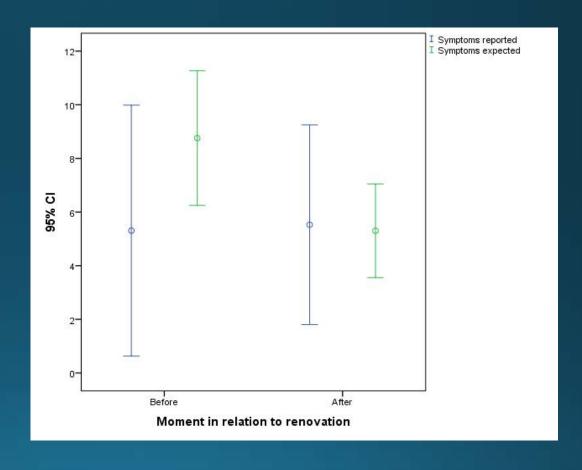
- \Rightarrow 3 stage approach
 - ⇒ Simple: 1 room, 1 source, mechanical ventilation, isothermal
 - ⇒ Moderate: multiple room, 2-3 sources+ some interaction, humidity change, radiation
 - ⇒ Complex: occupied full house

• 5.3 In Situ measurements (demonstration cases for ST 4)

- ⇒ Send us what you have!
 - ⇒ occupied low energy houses
 - ⇒ Where you have easy access to
 - \Rightarrow do measurements (before and after)
 - \Rightarrow fiddle with the system







- 5.1 State of the art and measurement strategies
- 5.2 Controlled measurements
- 5.3 In Situ measurements
- 5.4 Analysis and dissemination

Timing

- 5.1 State of the art and measurement strategies => ongoing
- 5.2 Controlled measurements => starting
- 5.3 In Situ measurements => Join Now!
- 5.4 Analysis and dissemination => 2018

Engage now!

http://www.iea-ebc-annex68.org/

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