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

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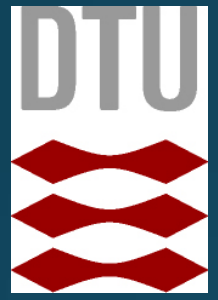


IEA-EBC Annex 68
Indoor Air Quality Design and Control in Low Energy Residential Buildings

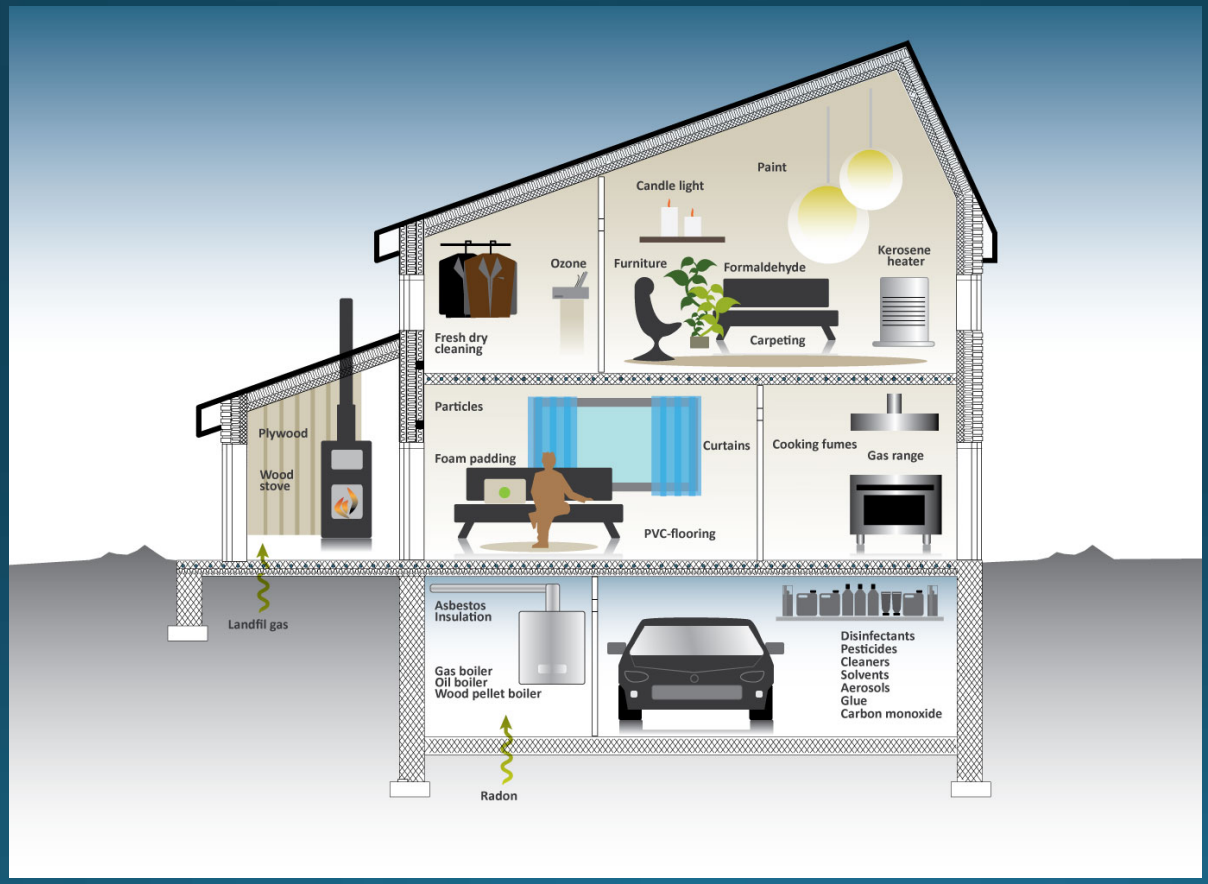
IEA EBC Annex 68 Project: Indoor Air Quality Design and Control in Low Energy Residential Buildings

Problem Statement

- Highly energy efficient buildings are airtight buildings, and their need for ventilation should be optimized
  - but may be energy consuming

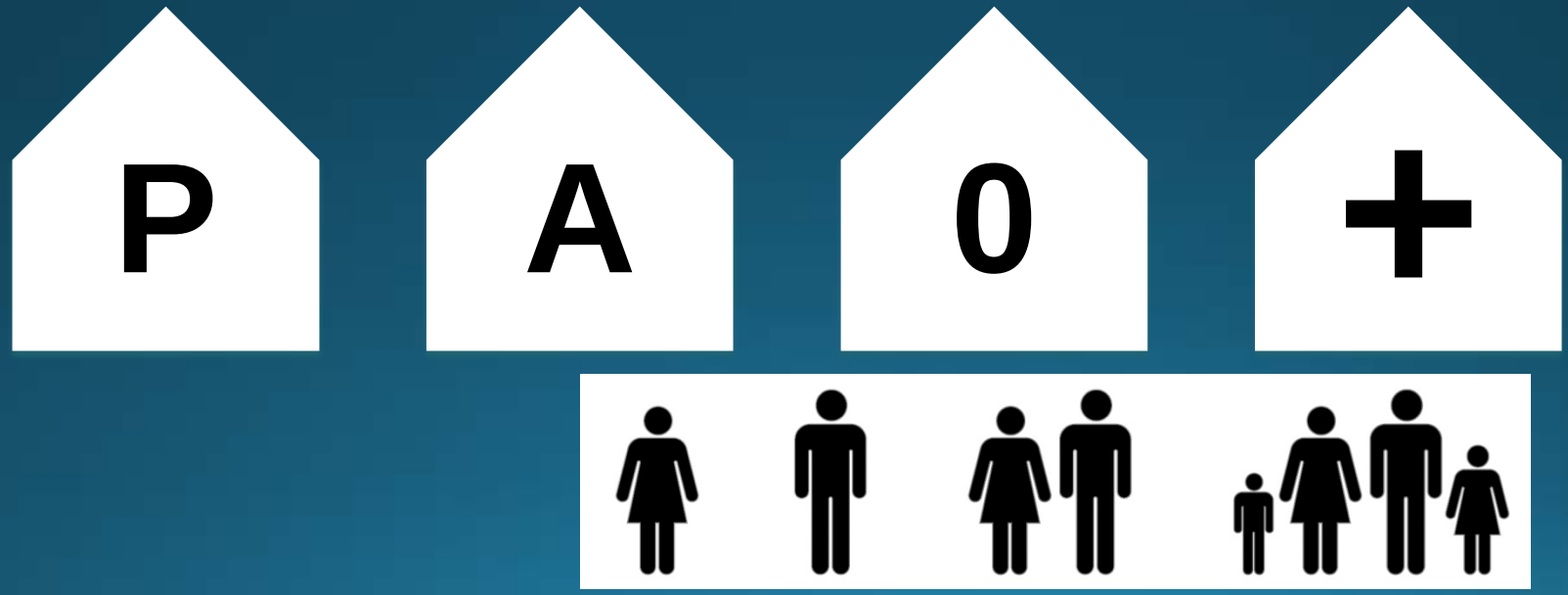
- Risk of high levels of pollutants indoors: Humidity, CO_2 and chemical compounds
  -

Indoor Atmospheric Situation



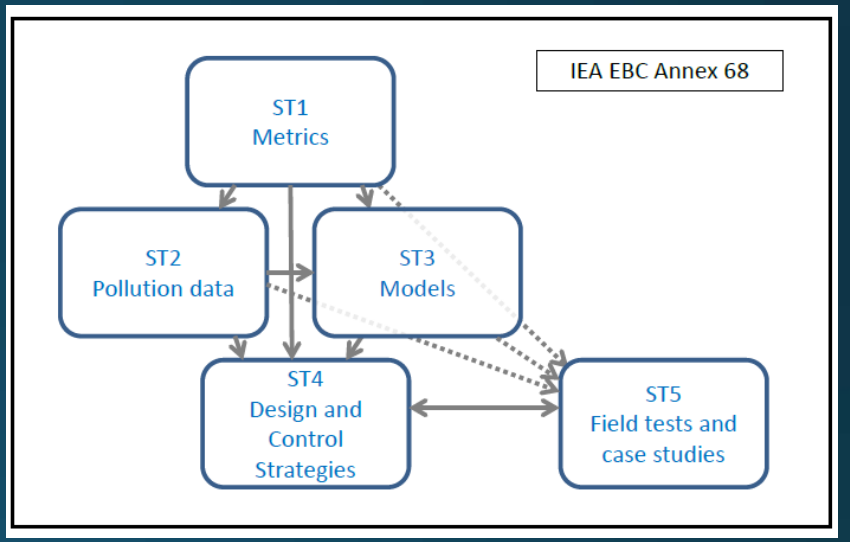
Mission

- With a basis in scientific data and tools, the project shall provide guides for design and operation of buildings towards highest energy efficiency while ensuring good & healthy indoor conditions
- Specific target: New and refurbished residential buildings



Subtasks

- ST1 - Defining the metrics
- ST2 - Pollutant loads in residential buildings
- ST3 - Modeling
- ST4 - Strategies for design and operation
- ST5 - Field measurements and case studies



Agenda – September 13, 2016

The first part of the session will be to present the project and its specific subtasks, activities and intended deliverables.

Information

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