

IEA EBC ANNEX 101 · KICK-OFF WORKSHOP REPORT

# Appendix

Details from the Songdo workshop board

# What's in this appendix

Everything else from the workshop is in the main report.

- |          |                                         |                                                                              |
|----------|-----------------------------------------|------------------------------------------------------------------------------|
| <b>A</b> | <b>Themes and foundational elements</b> | Five themes and three foundational elements, building on the Madrid topics.  |
| <b>B</b> | <b>Example Board</b>                    | The Data & Prediction board, showing the links people drew between stickies. |
| <b>C</b> | <b>Materials</b>                        | Links to every Miro frame and document used in this report.                  |

# Themes and foundational elements

Built on the Madrid workshop topics and grouped during Topic review & clustering.

## Data & Prediction

- What real data do we have from studies?
- What do we need to do good simulations and optimization?

## Economics

- Retrofit cost and scenario modeling
- Lower-cost retrofit and ventilation strategies
- Translating IEQ building science as verifiable financial assets

## Retrofit Field Performance

- Airtightness verification protocols
- Energy retrofit practices: ventilation & airtightness
- Operational duct air leakage
- Responsive/Performance-based vs. prescriptive ventilation
- Code compliance and inspection of smart ventilation

## Contextual Considerations

- Combining data across international contexts
- Retrofit drivers by context (regulation, subsidies)

## Health & Scoring

- Ventilation, IAQ, airtightness, health links
- Multicriteria IEQ rating scheme
- IEQ harm framework
- Indoor vs. outdoor trade-offs

**FOUNDATIONAL ELEMENTS · APPLY ACROSS ALL FIVE THEMES**

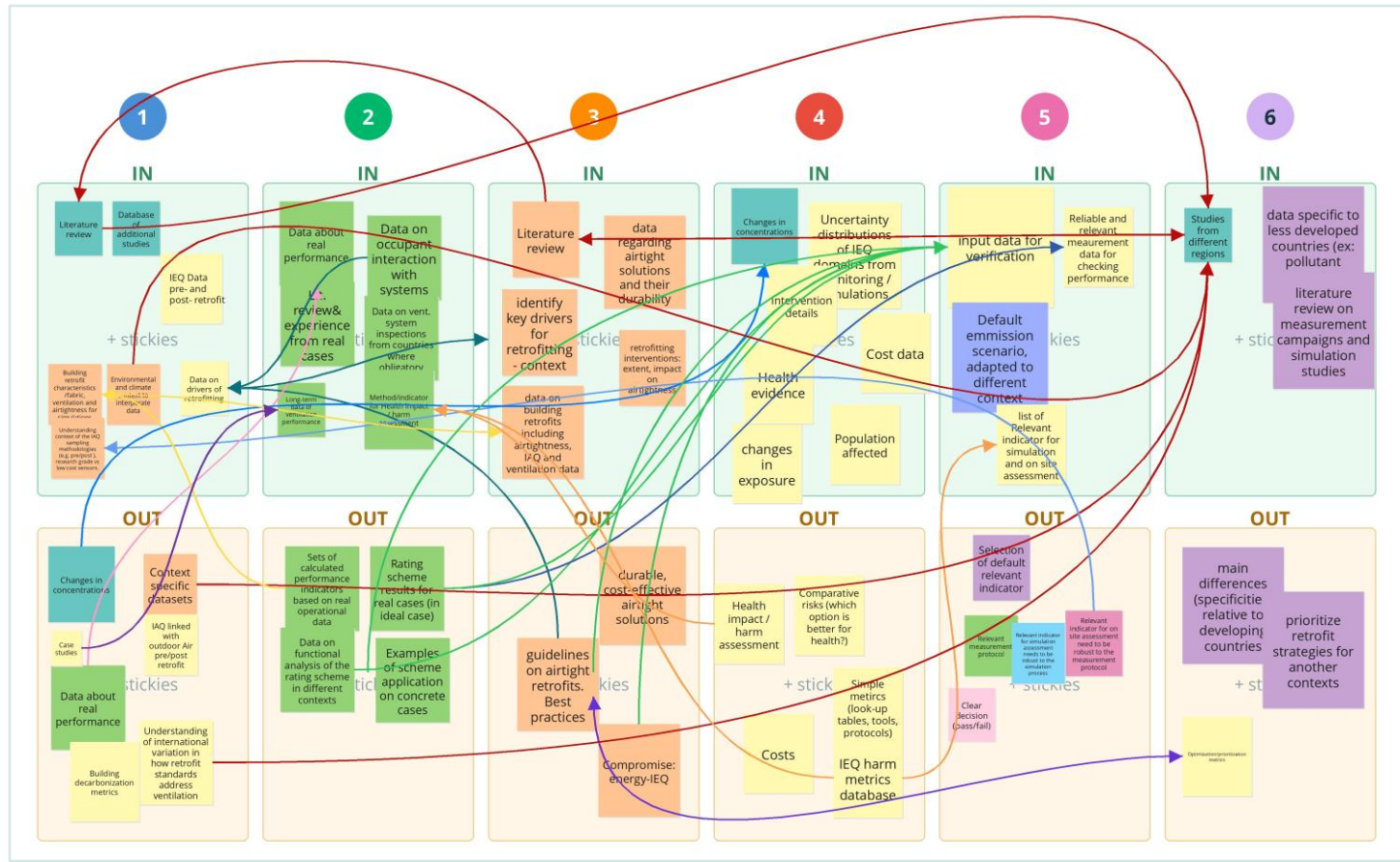
**Interdisciplinary approaches**

**IEQ vs. IAQ scope boundary**

**Integrating decarbonization**

# Example: the Data & Prediction board

Each theme has a board like this one.



## HOW TO READ IT

- Columns are Subtasks 1 to 6.
- Green boxes on top: what each subtask needs (in).
- Orange boxes below: what it produces (out).
- Each colored line is a link someone drew between two stickies

**NOTE:** Arrow directions weren't used consistently, so the report groups these links by who needs to discuss further.

# Materials and links

Every frame referenced in this report

**MIRO FRAMES**

|                                                             |                                                                  |                                                  |
|-------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------|
| <a href="#">Day 1 agenda</a>                                | <a href="#">Inputs &amp; outputs: Economics</a>                  | <a href="#">Industry needs</a>                   |
| <a href="#">Day 2 agenda</a>                                | <a href="#">Inputs &amp; outputs: Retrofit Field Performance</a> | <a href="#">What Annex 101 can deliver (MVP)</a> |
| <a href="#">Subtask leaders</a>                             | <a href="#">Inputs &amp; outputs: Contextual Considerations</a>  | <a href="#">Recruitment</a>                      |
| <a href="#">Topic review &amp; clustering</a>               | <a href="#">Inputs &amp; outputs: Health &amp; Scoring</a>       | <a href="#">Upcoming events</a>                  |
| <a href="#">Inputs &amp; outputs: Data &amp; Prediction</a> | <a href="#">10 Questions</a>                                     |                                                  |

**DOCUMENTS**   [10 Questions for Incheon \(draft paper outline\)](#)