



HLM
Architects

Whitehorn Hall
University of St. Andrews

HLM Insight

HLM Insight

HLM invests in research and development to further our team's knowledge so that we can innovate and add value in all the projects we design.

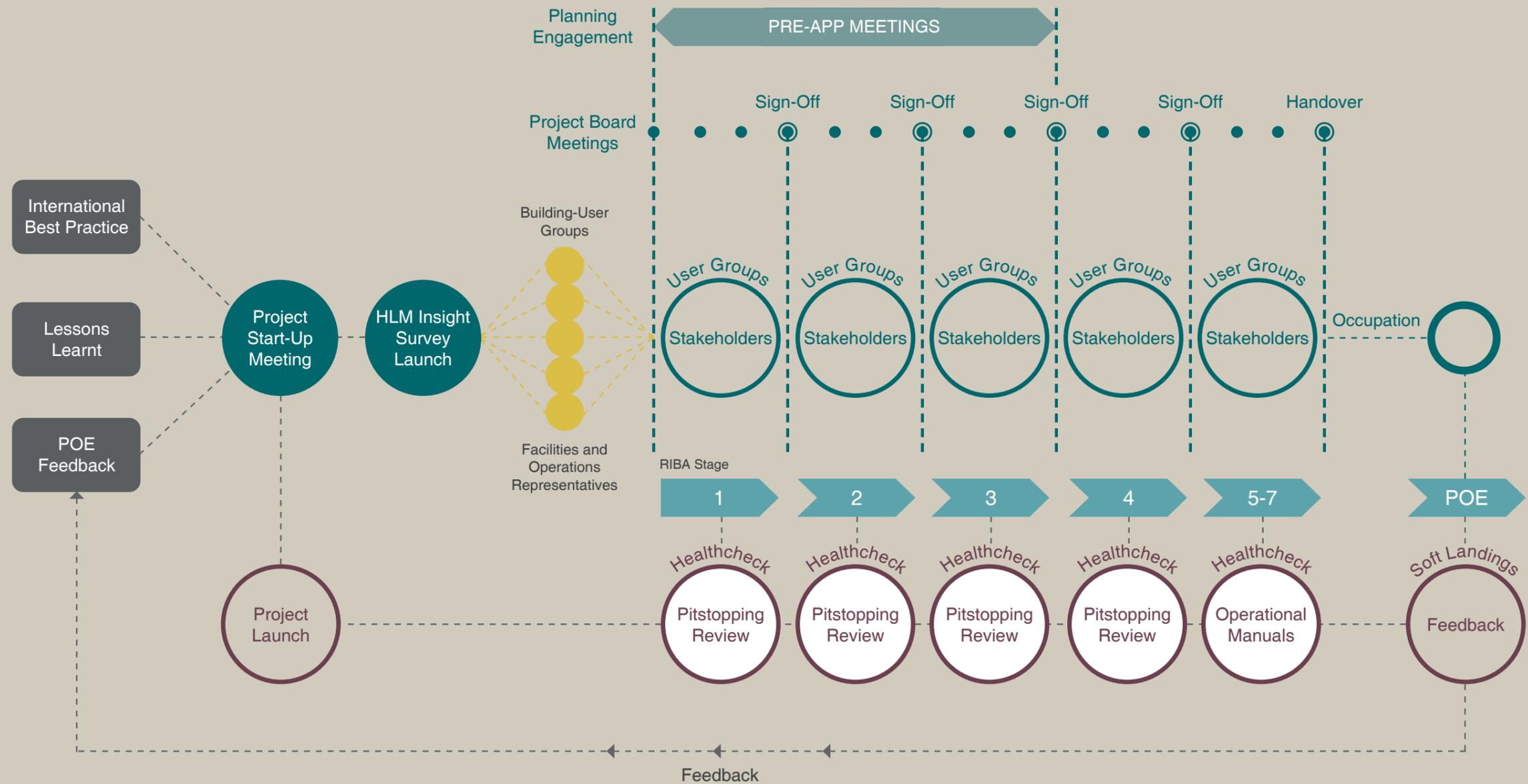
Our most recent initiative is HLM Insight – a digital engagement tool that facilitates building-user engagement in a highly contemporary way ensuring that building user's needs are being represented in the design brief.

Insight is an important part of the design brief development process and should be undertaken at the outset in order that it can optimise potential outputs. This can then feed in to the various subsequent stakeholder/user group meetings which should occur throughout the design/construction programme.

Philip Watson, Head of Design

A digital engagement tool.





Facilitating building-user engagement in a highly contemporary way

An on-line tool asks potential users to respond to a questionnaire, which explores how users experience and use the environment and their preferences against both physiological and psychological wellbeing criteria; Light, Air, Noise, Temperature, Connectivity, Movement, Ownership, Flexibility and Interaction.

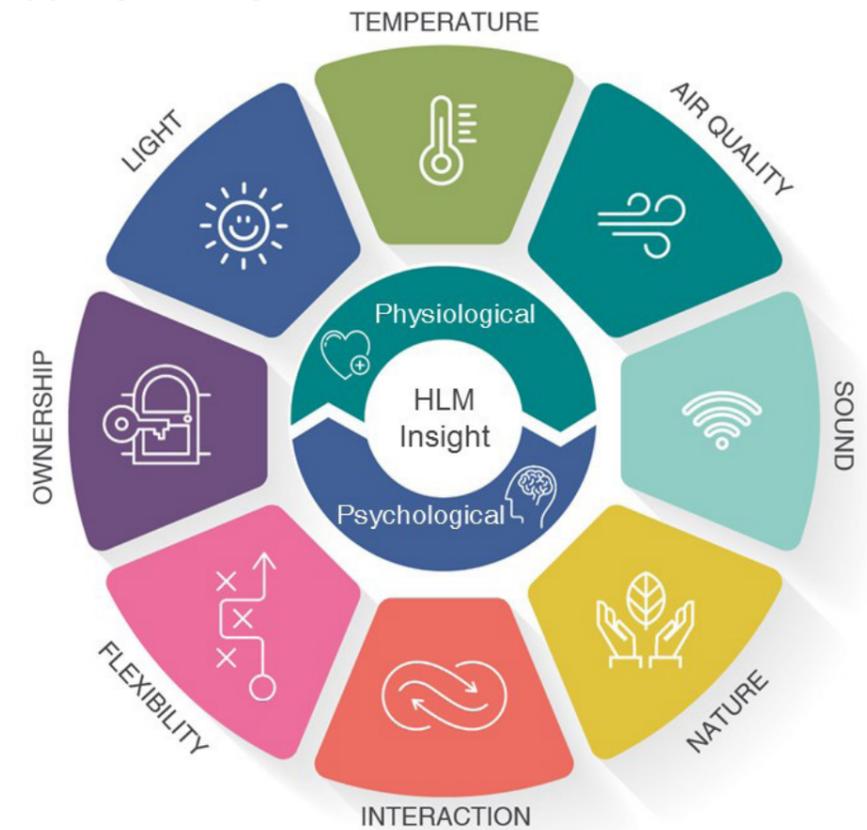
Once analysed, the results reveal the wellbeing preferences of the building cohort which can be used to help guide the design and commissioning team in prioritising key design and investment decisions to prioritise people's wellbeing and, in turn, improves their productivity, health and happiness.

Analysing people's wellbeing preferences.

How our environment impacts on our health, happiness and performance



The eight areas that impact our physiological and psychological wellbeing



HLM Insight

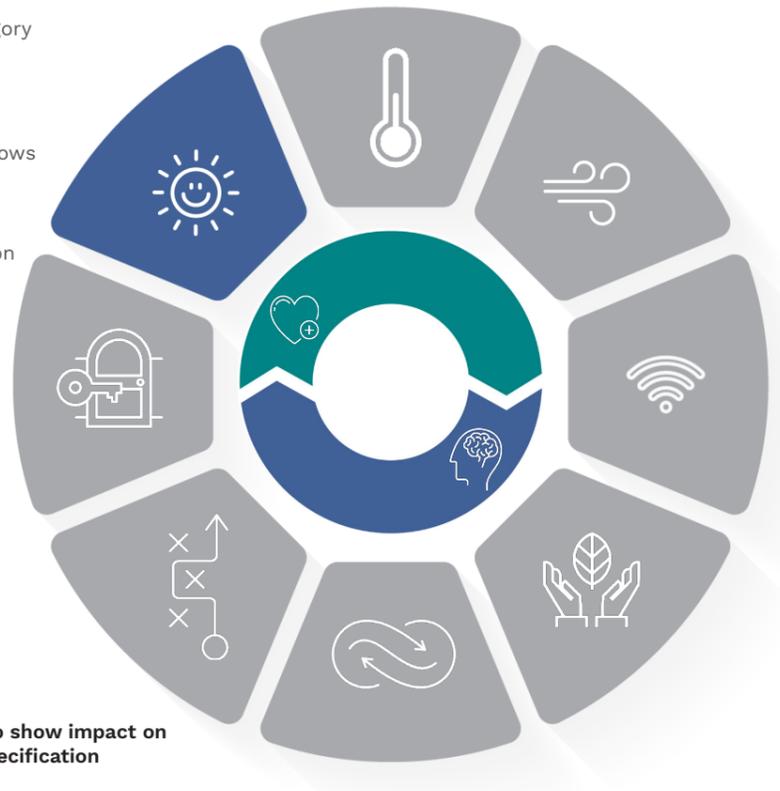
We use this digital process to augment face-to-face stakeholder engagement to reach a wider audience and obtain deep data that defines a robust brief.

This process will enable a much wider net to be cast in terms of building-user engagement. The anonymity of the survey means that the process is also much more inclusive. Traditional engagement often favours extroverts, this process is inclusive and gives a voice to everyone. This process is not a replacement for more traditional engagement, but rather an enhancement. It will not design the building(s), but it will help ensure that users' needs are at the heart of the briefing process.

DAYLIGHT

identify appropriate category (eg LIGHT):

- orientation
- depth of plan
- solar gain protection
- size/position of windows
- glass specification
- blinds
- finishes
- luminaire specification



Highlighting daylight to show impact on building design and specification

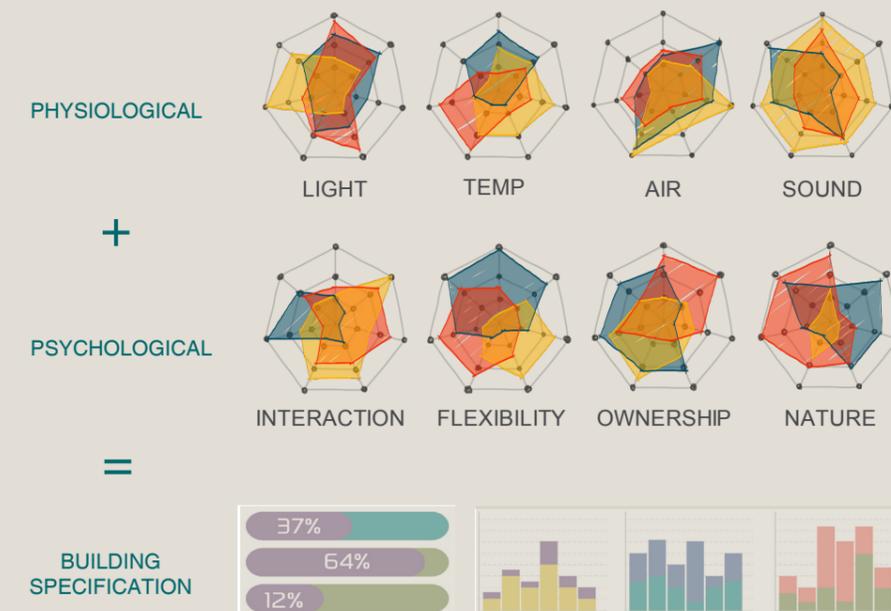
Obtaining deep data to define a robust brief.

TYPICAL RESULTS



Using HLM Insight to establish personal preferences of individual users

BUILDING PERFORMANCE OUTPUTS



Translates results into building performance criteria that satisfy people's needs

DEPLOY Deploy design and specification to produce an environment that responds fully to the inputs of building users

