

Productivity Mapping: Making the business case for wellbeing

90% of the costs of a business is associated with their staff. A 1% improvement in productivity can equate to savings of hundreds of thousands or millions of pounds.

Research has shown that workplace environments significantly impact on productivity and wellbeing. Studies from Harvard and Oxford Brookes universities indicating a 20% impact on productivity based on a range of environmental factors, such as CO₂ concentrations, thermal, visual and acoustic comfort.

Cundall has created a tool which quantifies how indoor environmental quality (IEQ), such as temperature, CO₂ levels and daylight supports occupant productivity and helps optimise it. This tool can be used in any stage of a building's life cycle; from technical due diligence studies to optimising architectural test fits and space planning designs to enable an organisation to perform at its full potential.

Applications

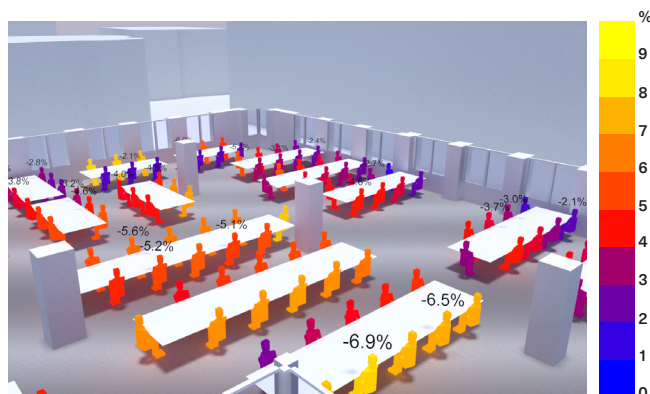
Design Optimisation

- Massing studies
- Optimising storey heights and depth ratios
- Refining refurbishment layouts and plans
- Architectural test fits
- Environmental/HVAC system selection
- Façade optimisation

In-situ Building Review (IEQube)

- Due diligence surveys
- Trouble shooting
- Lease and rent reviews
- Pre and post occupancy studies

Views and daylighting productivity loss



Annual productivity loss test fit comparison



6 % difference = £360,000 p.a.

For more information please contact: Simon Wyatt - s.wyatt@cundall.com
T +44 (0)207 438 1664

www.cundall.com
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