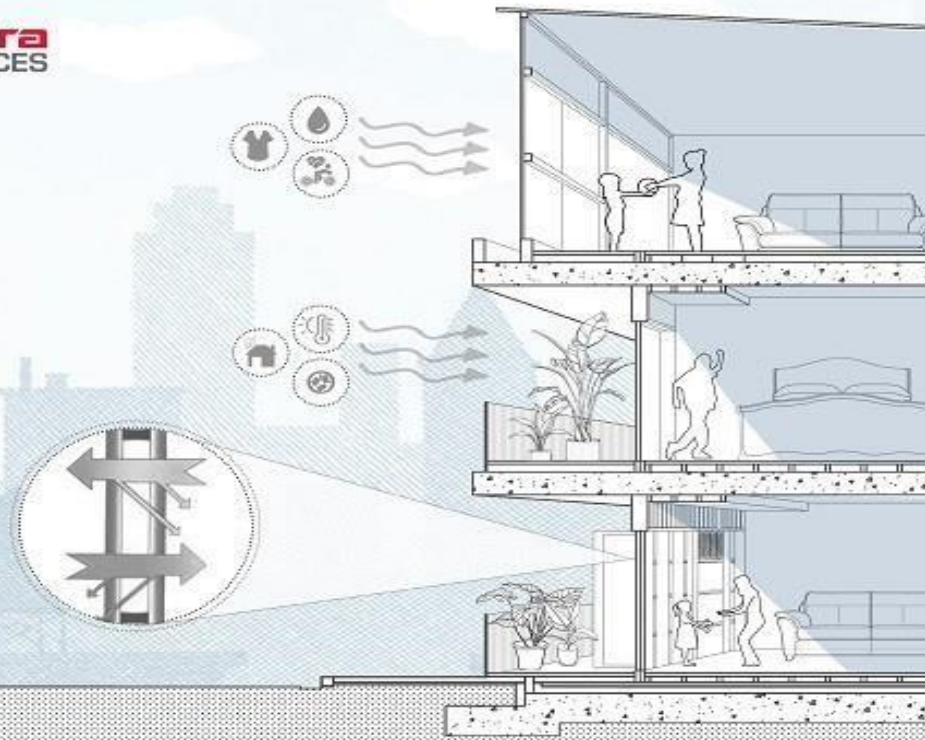


# Integrated Daylight Systems & Thermal Comfort Perception Study for Indian Residential Buildings



Mahindra-TERI Centre of Excellence

Dear Expert,

Hope you are safe and healthy amidst these unusual and challenging circumstances.

The estimated urban housing shortage of around 12 million dwelling units is expected to increase overall residential construction demand more than fourfold over 2005 levels. The significant amount of upcoming housing construction will generate high carbon footprint, posing adverse environmental impacts. Thus, it is imperative to mainstream sustainability and build housing that also focuses on providing thermal comfort hence, minimising future energy and resource use, in line with India's climate change targets.

The **Mahindra TERI Centre of Excellence (CoE) for Sustainable Habitats** is a joint research initiative of Mahindra Lifespaces and The Energy and Resources Institute (TERI). The project aims to develop sciencebased solutions for India's future built environment, with a view to reduce the energy footprint of the real estate industry.

In this regard we are conducting an online survey pertinent to a project subactivity focussed on **Integrated Daylight Systems & Thermal Comfort for Cooling dominated Indian Residential Buildings**. The objective of survey is to ascertain the approach followed by building designers & practitioners on a day-to-day basis, and identify the gaps in design of residential buildings for occupant thermal comfort and daylight. This will help in establishing the predominant design practices and considerations that significantly impact the occupant thermal comfort and energy consumption in residential buildings. The survey results will further be incorporated into the work-in progress design guidelines and web tools.

We invite you to provide your expert opinion using the survey link:

<https://docs.google.com/forms/d/e/1FAIpQLScYXc5mMiZ-wNVUk63d-xXHecF4k4GAamFAV9q8YfYMcxUMgQ/viewform>

**Please note:** No costs will be incurred by you for the survey. Your participation in the survey is completely voluntary and responses will be kept confidential.

Thank you very much for your time and cooperation.

For any queries or suggestions, please write to: Mr. Rana Veer at [ranav.singh@teri.res.in](mailto:ranav.singh@teri.res.in)

You could also visit the <http://mahindratericoe.com/> website to know more.