

Impact of Lifestyle and User Expectations on the Demand of Compact Living Spaces in the Home Interiors in Indian Cities

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Abstract : This report identifies the long-term driving forces behind urbanization and the impact of compact living on both society and the home and proposes a concept to create smarter and more sustainable homes. Compact living has been trending across India as a sustainable housing solution, and the reality is that India is currently facing a housing shortage in urban areas of around 10 million units. With the rising demand for housing, urban land prices have been rising and the cost of homes. The paper explores how and why the interior design of the homes can be improved to relieve the housing demand in an environmentally, socially and economically sustainable manner. A questionnaire survey was conducted to determine living patterns, area requirements, ecological footprints, energy consumption, purchasing patterns, and various pro-environmental behaviors of people who downsize to compact homes. Quantitative research explores sustainable material choices, durability, functionality, cost, and reusability of furniture. Besides addressing the need for smart and sustainable designed compact homes, a conceptual model is proposed, including options of ideal schematic layouts for homes in urban areas. In the conclusions, suggestions to improve space planning and suitable interior entities have been made to support the fact that compact homes are an eminently practical and sensible solution for the urban citizen.

Keywords : compact living, housing shortage, lifestyle, sustainable interior design

Conference Title : ICSID 2021 : International Conference on Sustainable Interior Design

Conference Location : San Francisco, United States

Conference Dates : November 01-02, 2021