

ABSTRACT

The Directorate General of Population and Civil Registration (Dukcapil) of the Ministry of Home Affairs recorded that the population in Bandung City reached 2.53 million people in 2021 and 2.55 million people in 2022 with an addition of 20 thousand people. With an area of over 166.59 km², it can be concluded that the population density of Bandung City in 2022 is 15.30 thousand people/km². This is because the center of Bandung City is ideal for life opportunities. The rapid increase in density causes limited land due to several factors; natural growth and urbanization. There has been an increase in non-permanent migrants in the center of Bandung City living in rental landed houses which have experienced a decline in development due to land struggles between the city government, developers and residents. The struggle for land without an optimal solution has resulted in the creation of uninhabitable landed housing in the center of Bandung City. Therefore, vertical mixed-use apartments are the optimal solution for housing, public facilities, and commercial areas. Furthermore, the research method is carried out through the process of studying phenomenones, collecting data through location surveys, questionnaires, documentation, and literature studies, then carrying out qualitative and quantitative data analysis on precedent studies, comparative studies, existing location designs, and design. The result of this design is a mixed-use apartment design that applies an approach and style that pays attention to the impact of materials on the environment, energy efficient, high quality and durable, can be reused and recycled, and is non-toxic. With this design, it is hoped that it can have a positive impact on the user like increasing physical and mental comfort and health, as well as meeting the needs and supporting user activities in the center of Bandung City.

Keywords: *Mixed-use Apartment, Sustainable Material, Low Impact, Apartment Interior*