

ABSTRACT

In economic growth, Bandung is the highest in West Java Province, this is the main attraction both from the surrounding population and from all regions in Indonesia for investors and residents, making Bandung as a destination city for doing business and settling down. Increased awareness of healthy lifestyles and the need for a comfortable environment. One of solution that can be pursued in its realization is the concept of the Green City. In an effort to realize the establishment of a Green City, there are several attributes that need to be considered, one of which is green building. Green Building is a building that meets building requirements and has a significantly measurable performance in saving energy, water and other resources through the application of green building principles in accordance with functions and classifications.

Research on green building has been done before with findings on variables and indicators related to green building. The purpose of this study is to confirm the model and get an index of green building in Bandung city.

This research is a mix method research, where researchers use qualitative methods when re-validating for variable changes and using quantitative methods when determining the value or scoring that is confirmed through interviews with informants. The resource person was selected using the quadruple helix concept: government, researchers / experts, business people and the general public.

From the results of interviews with 30 sources, this study found the index value of green building in Bandung city about 79, where the resulting index value can be interpreted sufficiently, satisfactorily and some things are still lacking. The highest value is found in the indicator "education program to stakeholders" with an average value of 89.00 which is considered good, satisfying, in accordance with expectations and a little lacking. The lowest index value is found in the indicator "noise level control" with an average value of 66.33 which is considered poor and still needs to be improved, but still within reasonable limits.

Suggestions for this research are to further improve the quality of buildings related to comfort for noise levels. By choosing the right location and the use of supporting facilities in the room as needed.

Keywords : Green City, Green Building, index Bandung City.