

Problem of Green Building Construction Local Technology and Material in Indonesia

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SUMMARY

To overcome the global warming phenomena is by optimizing construction of green building because it is one manifestation of concern for environmental sustainability in construction. The design of green building is to reduce the overall impact of the building on the environment and human health for it is not only related to the management of energy saving and waste management, but also how the building materials do not harm the environment, both short term and long term. However the construction process of green building is often not optimum due to its material problem, such as its quality, its availability, its technology, and others. The purpose of this study was to discover the problem on availability, price and quality of green building construction local technology and material in Indonesia. The study was by conducting survey in Jakarta and vicinity, the central area of green building construction project in Indonesia. In this study the primary data is collected from experts, consultant, and contractors of green building projects to confirm the use of the technology and material in their projects in terms of percentage of localilty of the technology and material, the reason if the percentage is lower than 50%, and finally solution of the problem and its implication.