

Important Factors of Green Building Construction Project Implementation in Indonesia

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SUMMARY

Green building has contributed in easing global warming. Green building is one manifestation of concern for environmental sustainability in construction. Green building is designed to reduce the overall impact of development on the environment and human health. Green building is not only related to the management of energy saving and waste management, but also to how well the building materials do not harm the environment, both short term and long term. The purpose of this study was to discover the importance of factors of green building construction project implementation in Indonesia. The study was by conducting surveys in the central areas of construction in Indonesia provinces, including Jakarta, North Sumatra, East Java, East Kalimantan, and South Sulawesi. In this study the primary data is collected from experts, consultant, and contractors of green building projects to confirm the importance of the factors. It can be concluded that the most important factors in the construction phase are quality of materials and technology of green building; on the other hand, the second important factors are in the design phase including the knowledge and orientation of consultant to the green building, and the budget of the project owner.