GREEN BUILDING: CONCEPTS, IMPLEMENTATION TOOLS, AND POTENTIALS BENEFITS TOWARD SUSTAINABLE CONSTRUCTION IN VIETNAM

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Abstract:

Green building has been exposing the attractive contributions to the triple bottom line of every construction project. It is currently the imperative global trend due to its balance of economics, society, and environment. However, the green movement in Vietnam is still at the initial stage of its development. Derived from the growing concerns on the friendly environmental development, developing the green in the construction industry in Vietnam is still the gap for the construction industry. In order to reduce this gap, this research aims to fill up and to extend the knowledge of green building and its implementation to Vietnam context through reviewing the green building concepts, the global development, and then displaying its striking benefits through a practical case study in Vietnam. This research will pinpoint the benefits of green buildings in both theoretical and practical sides. Its outcome can be a reference for stakeholders to going to green in their project decisions.

Key words: Green building; Green benefits; Triple bottom line; "going to green" for construction; Vietnam.