

Green Building Delivery: Exploring Lessons and the State of Practice in Nigeria

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Abstract : The level of adoption of green building (GB) schemes in Nigeria is low. The prevailing focus on economic development has overshadowed sustainability concerns. Despite these, few project cases exist in Nigeria in which sustainability goals have been achieved. This study aims to draw lessons from these in order to understand the project attributes, certification status, and the delivery process. Through an exploratory case study approach, fifteen project cases across five cities in Nigeria were examined. These represent the first-generation of green buildings in Nigeria, a verifiable reference for future initiatives in Sub-Saharan Africa. From the result, three categories of green buildings were identified, namely certified projects, demonstration projects, and potential projects with varying delivery attributes. Then, it is concluded by setting research and practice agenda towards aligning Nigeria's building industry with the global trends in sustainable building delivery.

Keywords : LEED, green building, Nigeria, project attributes

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