

# Performance Evaluation of Green Building Technologies in Construction Project

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**Abstract:** *The construction industry stands at a critical juncture in the 21st century, facing unprecedented challenges related to environmental sustainability, resource efficiency, and climate change mitigation. The building industry has a heavy burden in resolving these worldwide issues since it is a major user of energy and raw materials and a major source of greenhouse gas emissions. In light of these issues, "green building" has been proposed as a viable strategy to lessen the negative effects of construction on the environment without sacrificing the quality of life for building occupants or the efficiency of the structure itself.*

**Keywords:** Construction Industry, Critical Juncture, Building Industry, Greenhouse Gas Emissions, Efficiency