

Sustainable Project Management: Driving the Construction Industry Towards Sustainable Developmental Goals

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Abstract : Purpose: The purpose of this research is to develop a framework for understanding how sustainable project management contributes to the construction industry's pursuit of sustainable development goals. Study design/methodology/approach: The study employed a theoretical methodology to review existing theories and models that support Sustainable Project Management (SPM) in the construction industry. Additionally, a comprehensive review of current literature on SPM is conducted to provide a thorough understanding of this study. Findings: Sustainable Project Management (SPM) practices, including stakeholder engagement and collaboration, resource efficiency, waste management, risk management, and resilience, play a crucial role in achieving the Sustainable Development Goals (SDGs) within the construction industry. Conclusion: Adopting Sustainable Project Management (SPM) practices in the Ghanaian construction industry enhances social inclusivity by engaging communities and creating job opportunities. The adoption of these practices faces significant challenges, including a lack of awareness and understanding, insufficient regulatory frameworks, financial constraints, and a shortage of skilled professionals. Recommendation: There should be a comprehensive approach to project planning and execution that includes stakeholders such as local communities, government bodies, and environmental organisations, the use of green building materials and technologies, and the implementation of effective waste management strategies, all of which will ensure the achievement of SDGs in Ghana's construction industry. Originality/value: This paper adds to the current literature by offering the various theories and models in Sustainable Project Management (SPM) and a detailed review of how Sustainable Project Management (SPM) contribute to the achievement of the Sustainable Development Goals (SDGs) in the Ghanaian Construction Industry.

Keywords : sustainable development, sustainable development goals, construction industry, ghana, sustainable project management

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