

# An Analytical Research on Innovation in Construction Material Management for Enhanced Project Performance

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**Abstract:** *Reviewing the many kinds of cutting-edge building materials that are now on the market was the goal of this study. Developments in nanotechnology, the use of mineral admixtures, glass and plastic, biological materials, wood, and other building materials have all been proven to have a major impact on the rise in the discovery and manufacture of novel building materials. Innovative construction materials can be used to meet a variety of requirements, including those for environmental friendliness, simplicity of assembly, durability, dependability, safety, cost reduction, and improved mechanical and physical characteristics. About 40% of the project's total cost in the construction industry was attributed to the materials utilised to complete the project. Success stories on converting agricultural and industrial trash into money were documented*

**Keywords:** Nanotechnology, Converting Agricultural, Industrial Trash, Construction Material, Concrete, Sustainability, Economy