

**IMPACT OF GREEN SUPPLY CHAIN PRACTISES ON SUSTAINABLE  
CONSTRUCTION AND CORPORATE PERFORMANCE IN PAKISTAN**



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## ABSTRACT

*One of the main challenges of the twenty-first century is to limit the adverse environmental effects of the construction sector. The Construction industry is a vital business sector that provides an infrastructure through supply and demand trends and has a significant indirect impact on other sectors. In terms of economic development, the construction industry is economically significant and has close relations with other sectors of the economy; it is particularly important in developing countries for economic growth and expansion. Nonetheless, considering the gravity of the situation, none or very few attempts has been made so far to address the detrimental consequences of this industry which have been very sporadic and disjointed. Since the net green result of a construction project is the accumulation of the contributions of multiple parties at various stages of the supply chain, the green supply chain management method (GSCM) is used as a way forward to streamline the scattered efforts to make this a sustainable industry. Present research work has explored to improve the efficiency, efficacy, and the impact of GSCM practices of greening the construction industry of Pakistan. Primary data was collected through 271 participants via structured questionnaires from the construction industry stakeholders. Statistical tests including reliability, descriptive, validity and regression analysis were carried out for testing the proposed hypothesis. The results demonstrate that the constructs are valid and reliable. By and large, adoption of GSCM principles by the construction industry's results in better environmental and economic performance, which, in turn, positively impact the corporate performance. Overall, this research is beneficial in providing valuable insights into the role of GSCM activities in sustainable construction and its impact on corporate performance of Pakistani construction Industry.*

**KEYWORD.**            *Construction, Green Supply Chain Management, Sustainable construction, corporate performance*

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## ACRONYMS, ABBREVIATIONS AND TERMS

i.e.,	id est
p.	page
pp	multi-pages
v.	volume and issues numbers
IV	independent variable
DV	dependent variable
et al.	Et alii (lat.) and others
SC	Supply Chain
SCM	Supply Chain Management
GSCM	Green Supply Chain Management
HVAC	Heating, Ventilation, and air conditioning
GHG	Greenhouse gas
MHE	Material handling equipment
FTL	Full truck load
RBV	Resource based review
crf. /cf.	cross reference
SPSS	Statistical Package for the Social Sciences
NRBV	Natural resource-based review
USGBC	United States Green Building Council
ISO	International Organization for Standardization
LEED	Leadership in Energy and Environmental Design
BREEAM	Building Research Establishment Environmental Assessment Method