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CONSTRUCTION WASTE PRACTICE: BARRIER AND INITIATIVES BY CONSTRUCTION PARTIES TO IMPLEMENT WASTE MANAGEMENT IN SARAWAK

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ABSTRACT

Construction industry is more or less the same as what other industry is. There are a lot of other things that involved in the construction industry other than the product itself such as marketing area and more and that are what involved after the construction. Whilst the construction of buildings, the thing such as waste management is needed to be taken seriously too. This is because waste management also contribute to the sustainability of the project and also, give a quite big impact to the environment. Good waste management on construction site will lead to a good product too besides it is playing the role in cost managing. There are a lot of methods for a good waste management in the construction site but however, some contractors did not take it seriously as they are mostly thought about the faster and easier work to be done. The implication of bad waste management on site will contribute not only to the project but will also affect the environment. However, major causes of construction waste problems are due to improper waste management and there are lack of waste regulations and improper disposal facilities that lead to difficulties in implementing the proper waste in construction. To achieve the objectives of the study, an online survey has been distributed to developers, consultants, and contractors by using Social Medias platforms. The online survey was in Google Form and has been answered by 82 participants. The result of the study shows the objectives has been successfully achieved.

(Keywords: Construction, Waste Management, sustainability)

Contents

1.0	INTRODUCTION/ BACKGROUND RESEARCH		. 10
1.1	1 TITLE DEFINITION		. 12
1.2	2 AIM OF RESEARCH		. 12
1.3	RE	SEARCH OBJECTIVES	. 12
1.4	RE	SEARCH QUESTIONS	. 13
1.5	PF	OBLEM STATEMENT	. 13
1.6	SC	OPE OF RESEARCH	. 14
1.7	PF	COGRAMME FLOWCHART Error! Bookmark not defin	ied.
1.8	TE	NTATIVE CHAPTER HEADINGS	. 15
1.9	CH	IAPTER SUMMARY	. 16
2.0	INTR	ODUCTION	. 18
2.1	DE	FINITION OF CONSTRUCTION WASTE	. 18
2.2	CC	ONSTRUCTION WASTE PLANNING	. 20
2.3	MI	NIMISING CONSTRUCTION WASTE ON SITE	. 21
2.4	MA	ATERIAL AND LABOURS LIMITATIONS IN SARAWAK	. 25
2.5	CH	IAPTER SUMMARY	. 27
3.0	INTR	ODUCTION	. 29
3.1	RE	SEARCH METHODOLOGY AND DESIGN	. 29
3.2	RE	SEARCH METHODOLOGY	. 29
3	.2.1	RESEARCH STRATEGIES	. 29
3	.2.2	DATA SAMPLING	. 30
3.3	DA	TA COLLECTION	. 32
3	.3.1	PRIMARY DATA	. 32
3	.3.2	SECONDARY DATA	. 33
3.4	CH	IAPTER SUMMARY	. 34
4.0	INTR	ODUCTION	. 36
4.1	QL	JESTIONNAIRE SURVEY	. 37
4.2	SE	CTION A: DEMOGRAPHIC INFORMATION	. 39
4	.2.1	GENDER	. 39
4	.2.2	AGE	. 40
4.2.3		YEARS OF EXPERIENCE IN CONSTRUCTION INDUSTRY	. 41
4	.2.4	EDUCATION LEVEL	. 41
4	.2.5	TYPE OF CONSTRUCTION PROJECT	
4.2.6		TYPE OF COMPANY	. 43
4	.2.7	POSITION IN COMPANY	. 44

CHAPTER 1 INTRODUCTION

1.0 INTRODUCTION/ BACKGROUND RESEARCH

Construction industry is the sector that covers all the aspects of planning, designing, constructing, demolition and repairing various types of buildings. Construction industries is important to generate wealth and rise development of social and economic for the country. Apart of having important roles in country, construction waste also became a serious issue in Malaysia. Construction industry generate a lot of waste material due to construction works itself and demolition works. According to Muhwezi et al. (2012) construction waste is any material that needs to be recycled or reused other than a particular purpose project because of damages, excessive, non-use, or noncompliance with the specifications needed. Additionally, construction waste is substances produced from demolition, excavation, renovation, refurbishment, road work and site clearance (Hashim et al 2017). Major material waste in construction is concrete, timber, brick, steel member, plaster and rebar. Rajendran, (2012) has define waste as any final product which in the end does not worth for the owner and considered as wastes. There are several authors that was listed by Nurzalikha Saadi et al., (2016) who have defined construction waste as follows:

Authors	Definitions
Nagapan er al.	Materials with no remaining value.
(2012)	
Jain (2012)	Activities such as construction, renovation or demolition of structures

10