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A STUDY CONSTRUCTION WASTE MANAGEMENT IN CONSTRUCTION SITE AT KOTA BHARU KELANTAN

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ABSTRACT

It is certain that there will always be trash on the building site in a normal construction project. Construction waste encompasses undesirable materials created by the construction industry, either directly or by accident. Materials such as bricks, cement, sand and wood were damaged during construction or left unusable for different reasons. For example, piles, nails and insulation are included in the construction waste. Also included are wires and roof tiles as well as concrete, steel bars, formwork and other waste generated by site cleaning, such as tree stumps, hedgerows, rubble and tree stumps, which are included in the construction waste category. When it comes to effective waste management, the construction sector is lagging behind other industries. If the contractor wants to find a method to use the materials instead of disposing of them, they can still do so. As a result, this page provides some recommendations on how to manage these materials as reusable trash. Next, a number of factors are conducive to good waste management in the workplace. Finally, the construction sector is encouraged to improve its waste management practises. Construction sites are notoriously unpredictable, therefore there are a number of ways to reduce waste on construction sites. A modest rise in trash output and associated difficulties with waste disposal are plaguing Malaysia. The aim of this research is mainly focus on aim of this research is mainly focus on study the construction waste management in construction site which lead to a sustainable site to identification the types of construction waste in construction site and to determine method of construction waste management used towards sustainable construction site. This research will involve in setting and distributing a set of questionnaires to project manager, site manager, site clerk, site workers and others to gets more information about method used in waste management construction.

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CHAPTER 1

1.0 INTRODUCTION

There is a lot of building debris in Malaysia today. Research and determination of waste management on building sites are highly essential for the construction sector. Waste materials from excavation, demolition, and building rehabilitation are referred to as construction wastes. Landfills have become a major source of environmental pollution as a result of building waste disposal. As a result of the lack of landfills, it is feasible to use household and hazardous trash in a planned way.

In order to assure the implementation of the idea of sustainable development, proper waste management of building is highly vital. Building waste management processes go well beyond trash disposal. This includes a plan for efficiently utilising building materials to reduce the quantity of building waste created throughout all phases of development (Esa, Halog and Rigamonti, 2017). Adequate waste management techniques may therefore be attained through appropriate management of the site.

Nowadays, there is a growing knowledge of a good technique via site management and its efficacy in attaining target performance (including waste management) in building projects. The fundamental concept of individuals is that excellent site management is a key part of attaining project performance indicators (for example, time, money, quality, waste and safety targets) (Ajayi et al., 2017). Through extensive study on site management, excellent site management has been demonstrated to have an impact on proper waste management on construction sites and to decrease building waste (Udawatta et al., 2015; Marinelli et al., 2015).

Building waste is an increasing problem in developing countries, although the manner of disposal depends on the location. Developing countries are striving towards efficient building waste management. However, the collection and processing of building waste