

**CENTRE OF STUDIES FOR QUANTITY SURVEYING
FACULTY OF ARCHITECTURE, PLANNING &
SURVEYING
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**BARRIERS IN RECYCLING OF
CONSTRUCTION WASTE AMONG
MALAYSIAN CONTRACTORS**

Dissertation submitted in partial fulfilment
of the requirement for the award of
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DECLARATION

"I declare that this dissertation is the result of my own research and that all sources are acknowledged in the references".

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Date : 24/06/2024

ABSTRACT

One strategy for sustainable development that reduces waste and prevents negative environmental effects is construction waste management. Nevertheless, many professionals in the industry are not fully aware of the benefits and techniques of waste reduction, reuse, and recycling, which makes it challenging to implement these practices. For this reason, the objective of this research is to suggest recyclable practices for handling construction waste in construction projects. The research has three main objectives: To identify the awareness of recycling practice in construction waste management among G7 contractors; To determine the barriers in managing recycling construction waste among G7 contractors; and To recommend the solutions in increasing recyclable implementation in construction waste management. To collect data for the study, a questionnaire with different types of questions was given to Terengganu's contractors' class G7 using a quantitative method. The findings of the research encourage the respondents' trust that using recyclable materials in construction such as Paper, Glass, or Plastic, has a beneficial effect on the environment by lowering the demand for solid materials and keeping waste out of landfills. Both of which support an eco-friendly economy. This research helps to advance the recycling principle's practices and helps contractors improve the standard operating procedure for managing construction waste on site. Given the possibility of respondents misunderstanding the questionnaire, it is advised that the researcher undertake interviews to increase the accuracy of the study's conclusions.

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