

# **A Study on the Application of Green Technologies in Construction Industries in Malaysia**

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## **ABSTRACT**

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Environment issues are one of biggest problems that every country is facing nowadays. There are various ways taken by every country in order to reduce the issues of the environment. One of the ways is promoting green technology. In Malaysia, green technology is not being applied actively in the construction industry. This is due to lack of knowledge, and the industry is not willing to accept the challenges and changes. This research is to study the green technology issues in the construction industry in Malaysia. Proper understanding of the background of green technology is required and therefore in this research, all the green technology design principles to the construction industry need to be studied.

Questionnaire and interview for study green building / sustainable improvement in the development business in Malaysia's construction industry are to be carried out. Then only a proper green technology requirement can be designed based on the principles. After researching, it was the green technology principles are high known by the society of construction background.

Other than that, the certified projects usually located at the developed state of Malaysia while the other state that are not so developed that have less certified project by GBI. This is because of the not so developed states haven't really implement the principles of sustainable development by the local authority and the state government. For the developed states like Kuala Lumpur, Selangor Penang and Putrajaya, the local authority and states government have the vision and mission to turn the city into a green city.