

Life cycle assessment of brick and timber house and effects on climate change in Malaysia

Abstract

Environment education is an important issue not only from the origination stage but also from the value of sustain it for now and for next generations. From the 1990s, the importance of environment conserve becomes understood for conservation effort in many areas. Among all activity, building construction industry played the principal roles in improving the environment, therefore attempt to mitigate effects from building constructions to environment. Sustainable development needs a method to evaluate and compare the environmental effect of human activity on any economic for various products. Environmental impacts include emission into the environment and utilization of resources as well as other inventions such as land use to build new products. The materials consist of brick and timber house with different roof materials. This study review the extraction of raw materials until the erected of building on the site. The objectives show that how much this construction can effect on climate change and human toxicity by building construction. The aim of this article is introducing the most friendly environment material for building construction and result shows wood building is the preferable solution.