

Mobile Application: The Study of Diverseness of Renewable Energy for Primary School Students

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Abstract

Renewable energy is an energy that comes from natural sources or processes that are constantly replenished. The usage of energy for human needs these days is beyond limit to accommodate human activities. Statistic recorded that the global renewable generation capacity increased worldwide. This represents a yearly growth of around 8.3%, the average for seven straight years in a row, according to new data released by the International Renewable Energy Agency (IRENA). However, the community have seen the importance of renewable energy resource, but even then, they have no clue on how to use it due to lack of education by the government. The aim of this research is to develop an efficient learning application that educate primary school student about the importance and the benefits of renewable energy to the community and environment. In addition, this research also to evaluate the efficiency of edutainment application whether the application will have an impact on awareness among youngsters.

Keyword: *renewable energy, learning application, energy, primary school*