# DatEnergy: Exploitation of Palm Waste

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The main objective of this study was to prepare compost using local farm resources, which is the palm waste in this experiment, date waste was used to provide energy. As block of processed palm waste was burned to measure how much electricity could it produce per block. The methods included storing the carbon in the waste and turning it to fuel after shaping it. This source was shown to be an effective way of generating electricity as an alternative source. It can reduce the usage of fossil fuels based on observations from this experiment.

**Awards Won:**