**A Study of Household Level Biomass Stove using in Banyang Subdistrict,**

**Muang District, Buriram Province, Thailand.**

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**Abstract**

This community based research focused on the villager’s design and making and also their attitudes towards the household level biomass stoves using reuse accompanying materials. The participants in this research study were villagers in Banyang Sub-district, Muang District, Buri Ram Province who were interested and attended the training about biomass stove used as cook stove and incinerators held by the researchers team. The field investigation, questionnaires and semi structure interviews were used to collect the data which then analyzed by descriptive statistics. The results showed that the villagers used their knowledge and experiences to design and make the biomass stove which can be used in household level. Most of the villagers highly agreed that the production and cost, quality, and efficiency of the stove are appropriate. Nevertheless, the heat adjustment should be improved together with reduction of smoke at the start of burning.

**Keywords:** biomass, cook stove, reuse accompanying materials