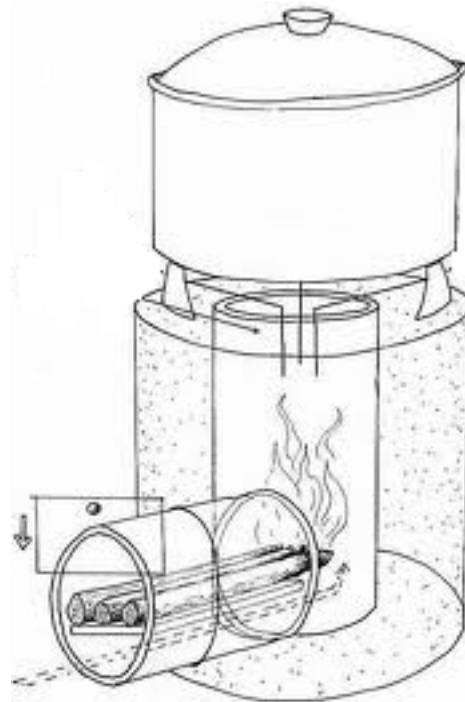


SUSFORM-NOW (LDC) NewsNo 7 Search for appropriate models

Continuous trials have been conducted to identify culturally acceptable and energy efficient cooking stove models, whose purpose is to reduce the consumption of fire wood as an integrated livelihood development activities.



Local materials such as clay can be used to make a combustion chamber



A rocket cookstove trial at group 9, Thanh Xuong commune, DB district

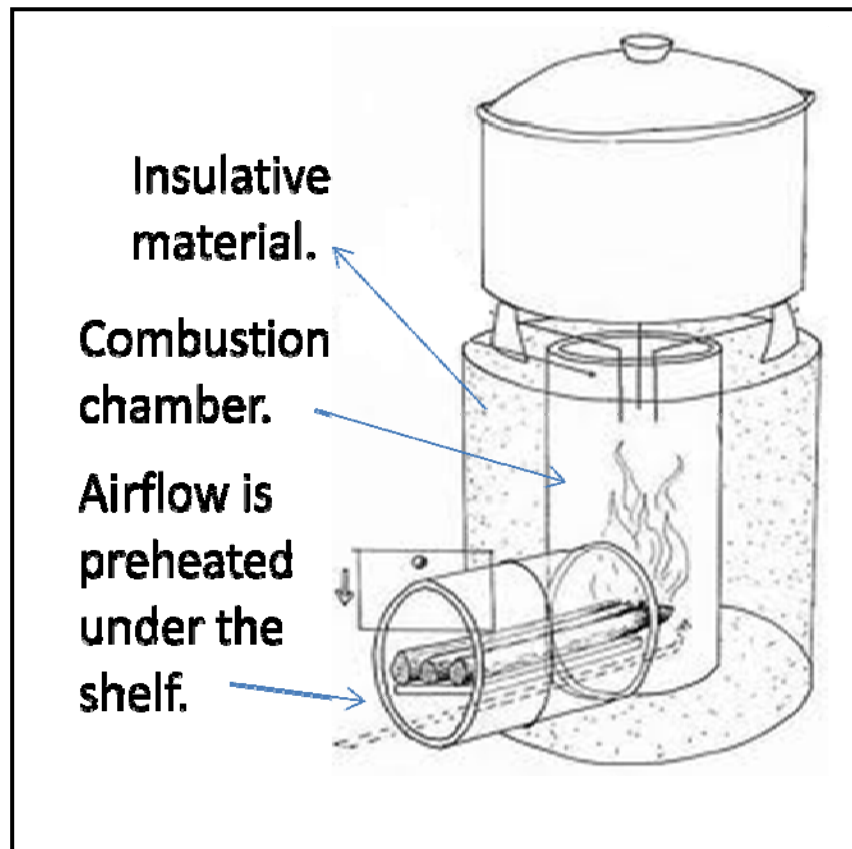


From theory to practices!



Compared to other types of improved stoves, the rocket stove can enhance the heat transfer owing to a heat-resistant layer, surrounded by insulation materials such as wood ash or other porous particle.

An elongated chimney and/or a combustion chamber above increases draft and helps the fire burn hot and fierce. Smoke will contact flame in the chimney and combust, reducing emissions.



Advantages of a rocket stove:

1. Improved combustion;
2. Increased heat transfer to the pot;
3. Much lesser or no smoke compared to other improved stoves;
4. Reduced firewood input;
5. Can be designed to fit with any pot sizes;
6. Can be made by utilizing local materials such as rocks, broken bricks and clay;

Rocket stoves for pig feeding will be introduced at the workshop scheduled on the 9th of January, 2012 at Tia Ghenh C. You are all welcome to observe the demonstration at the workshop.

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