

Energy Saving Stoves - Majiko Sanifu

UTANGULIZI.

Haya ni majiko yaliyobuniwa ili kuweza kupunguza matumizi mabaya ya nishati (kuni). Matumizi mabaya ya kuni na uchomaji wa mkaa yanasababisha madhara makubwa kuiteketeza misitu yetu. Shirika lisilo la kiserikali la TIP, linahimiza hifadhi ya ardhi na mazingira, ushirikishwaji wa jamii katika shughuli za maendeleo ili kuongeza kipato na kuwa maisha bora.

INTRODUCTION.

These stoves have been designed (so-called energy saving stoves) to reduce the utilization of fuel wood. High consumption of fuel wood, has led our Natural and Public forests into destruction. The Traditional Irrigation and Environmental Development Organization is putting more emphasis on Participatory Land Use Management, environmental conservation and activities, hence increased income and good livelihood.

Njia mojawapo muhimu katika hifadhi ya mazingira ni kupunguza matumizi ya kuni/mkaa kwani miti mingi hukatwa hata wakati ingali midogo kwa ajili ya nishati.

One important method, to keep our environment sustainable is by reducing fuel wood consumption. Presently many trees are cut off in a young stage before maturity. This can be avoided by adopting different ways of energy saving instead of fuel wood.

Zipo njia nyingi au nishati zingine ambazo zinaweza kutumika badala ya kuni nazo ni:

- Mafuta ya taa
- Umeme
- Matumizi ya pumba
- Matumizi ya vumbi la mbao nk.

These are:

- Use of kerosene
- Electricity
- Use of dry husks
- Use of saw-dust

Kwa vile wananchi wengi wanaishi vijijini ambako hakuna umeme, TIP inahimiza upunguzaji wa matumizi ya kuni kwa kutuimbia majiko sanifu

Due to the reality that most of the Tanzanians do not have access to electricity, TIP is putting more emphasis on reducing the use of fuel wood through promotion of energy saving stoves.

Faida za majiko sanifu:

- Hupunguza matumizi ya kuni au mkaa
- Hutoa muda kwa akina mama kufanya shughuli zingine za maendeleo
- Huimarisha matumizi ya nyenzo asili
- Usafi wa mazingira (matumizi ya vumbi la mbao ambalo hutupwa na kuchafua mazingira)
- Usalama kwa jamii na mazingira kwa ujumla

Advantages of Energy Saving Stoves:

- Minimize high consumption of fuel wood/ charcoal
- Provide time to women for other development activities
- Promotion of the utilization of local resources
- Environmental sanitation due to effective use of waste product (e.g. sawdust, husks etc.) of which could have been thrown away
- Safeguard of the community and the environment as a whole

Mifano ya majiko sanifu:

Example of energy saving stoves:

Jiko la Kilakala. Hutengenezwa kwa udongo wa mfinyanzi, majani, mchanga na mawe.

Kilakala Stove. Made-up from clay soil, grass and sand

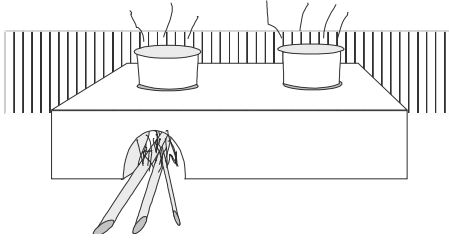


Jiko la Lushoto

Hutengenezwa kwa udongo wa mfinyanzi, majani, mchanga na matofali ya kuchoma.

Lushoto stove

Made-up from clay soils, grass, sand and burned bricks.

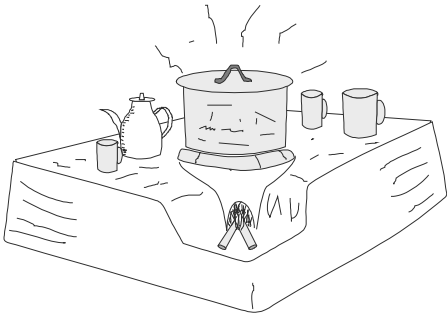


Jiko la Kigae

Hutengenezwa kwa mawe, udongo wa mfinyanzi na kigae kilichotengenezwa kabla

Liner stove

Made-up from stones, clay soils and liner (ready made)

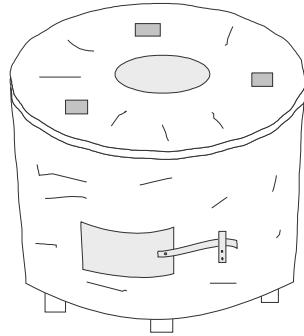


Jiko la Pumba

Jiko hili hupatikana likiwa tayari limetengenezwa na hutumia pumba za mpunga au pumba za mbao zilizokauka. Jiko hili hutengenezwa na CAMATEC pia na mafundi wa majiko mitaani.

Husks stove

Ready made from CAMATEC. Make use of husks from rice and saw-dust

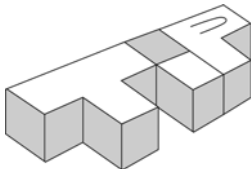


Jiko la Joto

Hutengenezwa kwa mito myeusi iliyojazwa pumba za mbao au mpunga.

Heat preserving stove

Made-up from black pillow with husks or saw-dust.



**Traditional Irrigation & Environmental
Development Organization**

PO Box 8909, Moshi – Tanzania

Telephone: +255 27 27 273025 / 2754232

Email: tip@tiptz.org Web: www.tiptz.org