

EVRIWAN MAKEM LOW-SMOKE

“BUCKET STOVE”



- *Use less wood*
- *Breathe less smoke*
- *Cheap to make (just soil & smol cement)*
- *Fast cooking*
- *Safe and long lasting*
- *Easy to move around*
- *Healthy life for all*



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Introduction

The **Low-Smoke “Bucket Stove”** is designed to be:

- Simple & cheap to make
- Use next day
- Safe
- Breath less smoke
- Burn less wood
- Good for health
- Cook faster
- Long lasting
- Portable and easy to move



This guide to building a **Bucket Stove** has been produced by Medical Sailing Ministries (MSM) as part of their work in transporting medical teams to the remote islands of Vanuatu.

STEP 1 Prepare bucket mold

Cut base from
old bucket



Cut top of bucket



Roll tin for centre
and hold in shape
with wire or string



Position bucket upside down



Place roll of tin in the centre.

Insert blocks of wood in cut-out sections of bucket



STEP 2 Mix clay-soil with smol cement



8 parts clay-soil



2 parts cement



Mix well
add water



STEP 3 Add clay-soil-cement “mix” to mold



STEP 4 Remove mold after 1 day

After 1 day, remove mold from stove



The stove will harden over the next 1-3 days

STEP 5 Ready to use “Bucket Stove” *(next day)*



Cut and bend some
old wire mesh to
make fire grate
*(this allows air to better
circulate under the fire)*



Your
BUCKET STOVE
is ready to use



NOTE

1. Use with care for the first few days until the cement hardens.
2. Place small stone under edge of pot to assist fire draw. *(Refer photo above)*